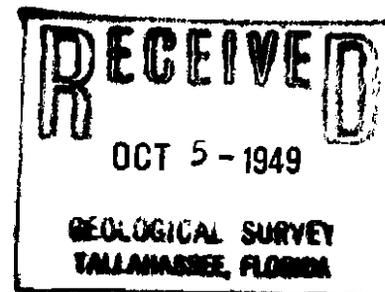


WELL: Coastal No. 1 S to

LOCATION: Sec. 32-62S-38E, Monroe County, Fla.



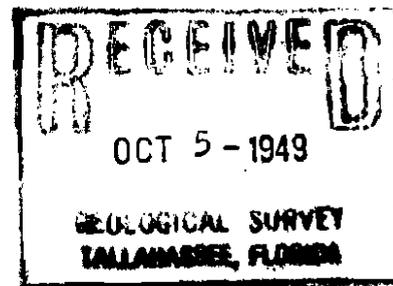
PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/30/49	7,559'	-	- 1,403	T.D. Dry and Abandoned. Mixed one-half tank of mud (75 sacks). Pumped in heavy mud from 550' and killed water flow. Placed 25-sack cement plug in top 50 feet. Cut off 13-3/8" casing at ground and welded plate on same. Plugging complete at 12:00 noon. 20 hours spent laying down drill pipe and tearing down. From the spudding date of July 12th to this date is a period of 80 days. A record of 94' per day was maintained. This record was set up despite very difficult drilling conditions in the lost circulation zone below 3,610' to total depth. The cost per foot would be less to a depth of 11,000 feet if casing were set at 7,000' and the hole deepened. The expensive drilling is the first 6,000 feet on the Keys.

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WELL: Coastal No. - State
 LOCATION: Sec. 32-628-38E, Monroe County, Fla.



PROGRESS REPORT

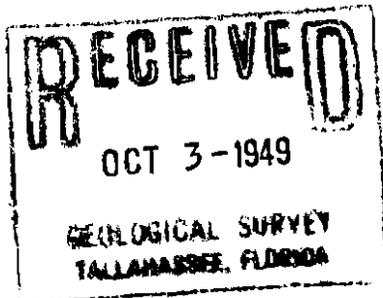
DATE	TOTAL DEPTH	FOOT-AGE	HRS. DAILY	DRILLING - TOTAL	REMARKS
9/28/49	7,559	94'	15	1,403	In medium hard formation with soft streaks, no returns and with 8" salt and sulphur water flow. The last bit, No. 34, a 9-7/8" W7R, found bridge for about 100' below 5800 and was stuck in the top of the cuttings for 2 hours at 120' off bottom at 7,465 (corrected to 7,471). Bit made 94' in 14 1/2 hours to 7,599', an average of 6 feet per hour and was pulled green when Schlumberger arrived. Pumped 2 tanks of heavy mud in the bottom of the hole to suspend cuttings. 2 1/2 hours were spent running Schlumberger. It has taken 17 days to deepen the hole below 6,000' to the present depth, an average of 91 feet per day. It is believed at the rig that this average could be maintained for several additional thousand feet.
9/29/49	7,559	-	-	1,403	T.D. 2 hours running Schlumberger - unable to go below 5880'. 5 hours reaming out bridge - 5800 to 6,000 feet. 5 hours ran Schlumberger to 7,559 feet with difficulty. 2 1/2 hours - ran section gauge to bridge. Shorted out while spudding on ledges above. No survey. The coring equipment and gamma ray instrument had not arrived on location and since the hole would have to be reamed out again, it was decided to abandon further surveys as too expensive and risky. 9 1/2 hours spent in laying down drill pipe.

WELL: Coastal No. 1 : te

LOCATION: Sec. 32-62B-38E, Monroe County, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRB. DRILLING DAILY - TOTAL	REMARKS
9/26/49	7,368'	120'	24 1,368½	In medium hard formation with soft streaks. Drilling time varied from 5 to 20 minutes per foot.
9/27/49	7,471'	103'	19½ 1,388	In medium hard formation with soft streaks. No returns. Mixed 110 sacks of Mageogel. Pulled Bit No. 33 at 7,465', having made 237' in 48½ hours, in locked condition. Measured out of hole 6' correction - 7,465 equals 7,471'.



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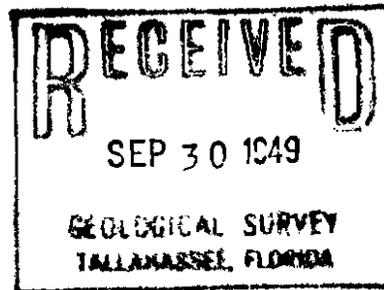
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WELL: Coastal Petroleum No. 1 State

LOCATION: Sec. 32-62E-38E, Monroe County, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/24/49	7,176'	63	24 1,336½	In hard formation. Having some trouble with boulders in the hole. Schlumberger has been ordered to bring side wall coring device and gamma log along with electric logging unit.
9/25/49	7,248'	72	18 1,344½	In medium hard formation with hard streaks. Bit No. 32, a 9-7/8" OWS, made 146' in 49 hours and was pulled at 7,228' in dull condition with bearings loose, one cone locked and shanks grooved by boulders. New Bit No. 33, a 9-7/8" OWS, spent one hour washing through 150' of cuttings to bottom.

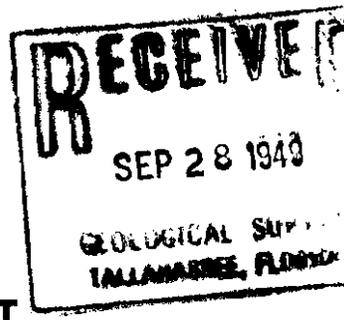


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WELL: Coastal No. 1 late

LOCATION: Monroe County, Fla.



PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DAILY	HRS. DRILLING TOTAL	REMARKS
9/21/49	6,955	106	24	1,272	In medium hard formation. Comparing the drilling time with that of the O.D. Robinson No. 1 State, 35 miles to the northeast, this well appears to be running 60 to 130 feet lower. The top of the Lower Cretaceous can be expected as high as 7,080', according to whether or not the rocks in the O.D. Robinson No. 1 State between 7,020 and 7,360 are Lower Cretaceous in age.
9/22/49	7,058	103	24	1,296	In medium hard formation, probably limestone. Drillers are using 14 to 20,000 pounds weight, 1,000 pounds pump and 50 F.P.M.
9/23/49	7,113	55	16½	1,312½	In hard formation with water flow but no returns from bottom. Two hours were spent working on the rig and a trip at 7,082' took 5½ hours. Old Bit No. 31, a 9-7/8" OWS, made 261' of new hole in 59 hours and was pulled with teeth in green condition and bearings worn out. New Bit No. 32, a 9-7/8" OWS, encountered bridge and tight hole at 5,820' and found 90' of cuttings on bottom. The hard drilling zone tapped at 7,086' correlates with the hard drilling zone topped at 6,940' in the Robinson #1 State. This well is running approximately 150' lower than the Robinson test. It was decided to drill to 7,500' and then core the Lower Cretaceous contact with Schlumberger equipment.

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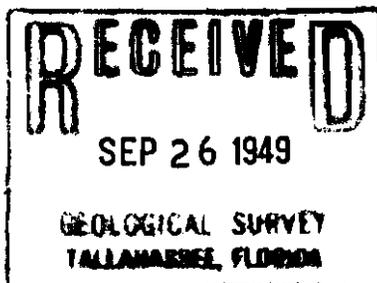
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WELL: Coastal No. 1 Late

LOCATION: Sec. 32-62E-38E, Monroe County, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/20/49	6,849'	92'	19 1,248	In medium hard formation with few hard streaks. Old Bit No. 30, a 9-7/8" OWS, made 280' of hole in 55 hours and was pulled in medium condition at 6,821'. New Bit No. 31, a 9-7/8" OWS, went to bottom without difficulty finding only 60 feet of cuttings.



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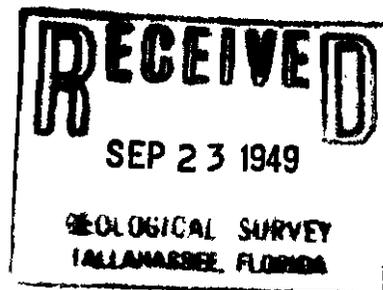
WELL: Coastal Petrol Co. No. 1 State

LOCATION: Sec. 32-628-38K, Monroe County, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL		REMARKS
9/17/49	6,541	106	22	1,186	<p>In medium hard formation. Bit No. 29, a 9-7/8" OWS, made 256' of new hole in 52 1/2 hours and was pulled at 6,541 in green condition with bearings worn.</p> <p>Asphaltic shows of oil were found in the Robinson & Republic No. 1 State, located on the north end of Key Largo, in several zones below 6,700'. The soft drilling zone below 7,000' in the Robinson test should be cored in this well because it might be oil bearing and might also be the top of the Lower Cretaceous formations.</p>
9/18/49	6,638	97	19	1,205	<p>In medium hard formation. New Bit No. 30 found bridge at 5,800' and driller spent 3 hours reaming through tight hole and washing through 125' of cuttings to bottom.</p> <p>1 hour - working on rig. 1 hour - going in hole to 5,800'</p> <p>The drilling rate is averaging 5 feet per hour in what is probably limestone.</p>

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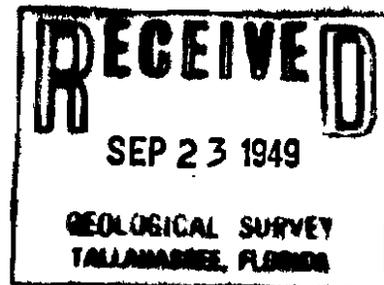


WELL: Coastal Petroleum Co. No. 1 State

LOCATION: Sec. 32-628-38E, Monroe County, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/19/49	6,757	119	24 1,229	In medium hard formation with water flow and no returns. Using 5 points (14,000 lbs.) 50 r.p.m. and 1,000 pounds pump pressure. Drilling rate averages 5 feet per hour.



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LOCATION: Sec. 32-T625-R35E, Monroe County, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/14/49	6,232'	89	23½ 1,120	In medium hard formation. Finished reaming to bottom - 1/2 hours.
9/15/49	6,314'	82	20 1,140	In medium formation, probably lime, with water flow but no returns. Bit No. 28, a 9-7/8" OSC-1, made 142' of new hole in 36½ hours and was pulled dull with bit shank grooved. Bit No. 29, a 9-7/8" OWS, had little difficulty in the tight boulder zone and found 40' of cuttings on bottom. Apparently a short tooth bit will rotate through tight hole much easier than a long tooth bit. It took the OWS bit one-half hour to ream to bit while three hours were spent reaming to bottom with the OSC-1 bit.
9/16/49	6,435'	121	24 1,164	In medium hard formation with few hard streaks. The OWS, hard formation bit, has proved to be a better bit for drilling the present formation than either the OSC-3 or the OSC-1, soft formation bits. In 1st 24 hrs. OSC-3 made 91' " " OSC-1 made 94' " " OWS made 120' The OSC-3 made 167' of new hole in 43½ hours, or 3.8' per hr (1 point equals 2,800 lbs), using 2 to 3 points weight and was pulled medium. The OSC-1 made 142' of new hole in 36½ hrs., or 4' per hr, using 3 points weight and was pulled dull. The OWS has already made 205' in 41 hrs., or 5' per hr., using 3 to 5 points weight and may still drill for several hours. Apparently, if a hard formation bit had been run during the 80 hours that the soft bits were in the hole approximately 80 feet more of hole would have been made, as the formation has changed little in character since 5905'.

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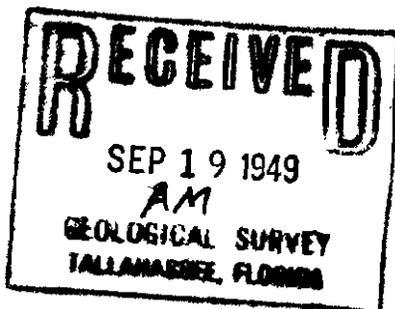
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LOCATION: Sec. 32-628-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/13/49	6,143'	55	13½ 1096½	<p>In medium hard formation. Bit No. 27, an OSQ-3, 9-7/8", was pulled at 6,143' in medium to sharp condition with bearings loose after making 167' in 43½ hours. The bit shank was grooved.</p> <p>One hour was spent in making an Eastman straight hole survey at 5,805' which showed over 2-1/2 degrees off vertical. Working on rig - 2 hours.</p> <p>Bit No. 28, a 9-7/8" OSQ-1, found first bridge at 5,850' and reamed and washed to bottom in 3 hours. Trip took 4-1/2 hours.</p>



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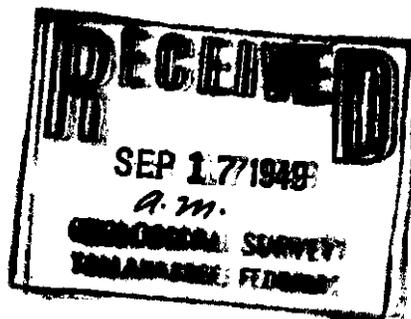
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LOCATION: Sec. 32-68-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/12/49	6,088	91	24 1,083	<p>In medium formation. Using 3 points weight, 750 to 1000 lbs. pump pressure, and 40 r.p.m. rotary speed, the OSQ-3 bit is making 4 feet per hour, or 15 minutes per foot. Formation has changed, being softer and without hard streaks.</p> <p>The soft chalk section which is 2,500' thick in the Suniland area, has not been encountered to the present depth. Chalk should drill at less than 5 minutes per foot, using any type of bit.</p> <p>It is the understanding of the company geologist that the chalk section is partly missing in the Robinson & Republic test on Key Largo and completely missing in the Superior deep test on San Andres Island in the Bahamas.</p>



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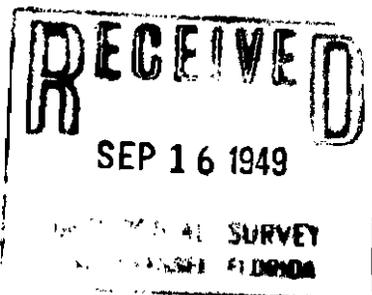
LOCATION: Sec. 32-62B-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRB. DAILY	DRILLING TOTAL	REMARKS
9/10/49	5,927'	52	22½	1,040	In broken formation. Finished reaming 90' to bottom - 1½ hours. Mixed 50 sacks of Magegel.
9/11/49	5,997'	70	19	1,059	In hard and soft formation. Boulders hung the bit only once during the day and connections were made without reaming to bottom.

Bit No. 26, a 9-7/8" OWS, was pulled at 5,976' in dull condition with bit shank grooved by boulders after making 101' in 36 hours. New Bit No. 27, a 9-7/8" OSQ-3, a long tooth soft formation bit run at the request of Mr. Fitz-Patrick, found tight spots in the bottom 200' and cuttings in the bottom 30' of hole. Trip took 4 hours. Reaming to bottom - 1 hour.

It was decided to drill ahead below 6,000' without running Schlumberger. The past 10-day drilling average of 41' per day is thought to have been due to difficult drilling through a very porous dolomite zone having many irregular cavities. Better drilling rate is expected for the next 1,000 feet.



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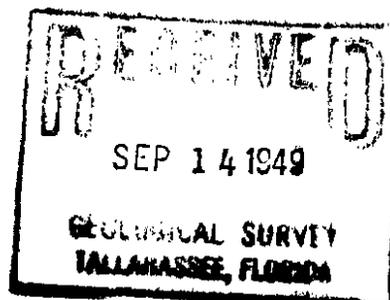
WELL: Coastal No. 1 State

LOCATION: Sec. 32-62S-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/7/49	5,794	27	16 984	In broken formation. Bit No. 24, a 9-7/8" OWS, found 40 feet of tight hole and boulders on bottom. Spent 7 hours reaming bottom 40 feet of hole three times.
9/8/49	5,831	37	15 999 1/2	<p>In broken formation. Bit No. 24, a 9-7/8" OWS, was pulled at 5800' in medium dull condition with bit shank grooved by large chunks and tight hole after making 33' in 21 hours. The large pieces of formation dropping into the hole make it difficult to keep the bit on bottom.</p> <p>New Bit No. 25, a 9-7/8" OWS, found 40' of tight hole, boulders and cuttings on bottom. Trip took 3 1/2 hours. Reaming to bottom took 1 hour. Spent 4 hours reaming and freeing pipe while trying to make connection at 5,824'.</p>
9/9/49	5,875	44	18 1017 1/2	<p>In hard formation. Mixed 70 sacks of Magegel.</p> <p>Bit No. 25, a 9-7/8" OWS, was pulled at 5,875' in dull condition with bit shanks grooved and polished after making 75' in 30 hours. Trip - 4 hours. Working on rig - 1 hour. Reaming 4 stands to bottom - one hour.</p>

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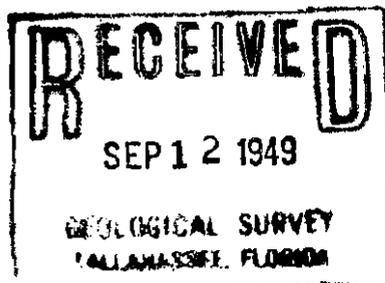
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LOCATION: Sec. 32-628-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/6/49	5,767'	50	19 968'	<p>In broken formation. Stuck bit while reaming for connection at 5,767' - spent 2½ hours working it loose.</p> <p>Pulled Bit No. 23 at 5,676' in dull condition after making 66 feet in 24 hours. It is believed that loose chunks in the hole are causing the rough drilling and the sticking of the pipe.</p> <p>Two truck loads of clay from the Miami Water Works (\$30.00 per load) have arrived and have been mixed with some Magogal and used to pump out cuttings. The large chunks, however, remain near the bottom.</p>



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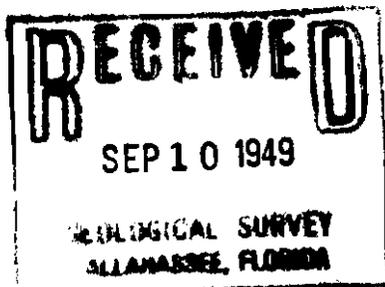
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LOCATION: Sec. 32-62E-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
9/3/49	5,611	34	24 912	In hard formation with water flow but no returns.
9/4/49	5,663	52	19 931	In broken formation with water flow but no returns from bottom. Bit No. 21, a 9-7/8" WTR, made 68' in 45 hours and was pulled in dull condition with cones locked and a few of the bearings missing. Bit No. 22, a 9-7/8" WTR, went to within a few feet of bottom, indicating that the cavity drilled through at 5,617 to 5,620 took off all the cuttings. Approximately 1,000 feet of hole had been made without a loss-out and 500 or more feet of cuttings were being carried in the hole prior to this loss-out. Another cavity occurred at 5,650 to 5,656'. The prospects of reaching 6,000' are good now that the 500' of cuttings are out of the hole.
9/5/49	5,717	54	18 949	In broken formation. Bit made 72' in 26 hours and was pulled in medium condition with bearings worn. New Bit No. 23, a 9-7/8" OWS, found tight hole and cuttings in the bottom 30 feet. Trip - 4 hours. Reaming to bottom - 1 hour. Working on electrical equipment - 1 hour.



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PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRB. DAILY	DRILLING TOTAL	REMARKS
8/31/49	5,516'	30	13½	848	In hard formation with water flow and no returns. Bit No. 19, a 9-7/8" OWS, made 78' in 32 hours and was pulled at 5,515' in dull condition. 5,451 equals 5,454 - depth correction. Coming out of the hole, cuttings made tight hole between 5,130 to 4,990. While going into the hole, the new bit hit top of first cutting bridge at about 4,990' and driller had to lay down 17 joints and then wash each one into the hole. Trip took 7 hours. Working on rig - 3½ hours.
9/1/49	5,557'	41	24	872	In hard formation with water flow and no returns. Drilling rate slowed to from 20 to 60 minutes per foot. Mr. McGord believes an OWS-1 with light weight would increase the rate of drilling. This type of bit has been ordered. Drillers are using 18,000 to 30,000 lbs. weight, 750 to 1,000 lbs. pump pressure and 45 RPM rotary speed, more or less.
9/2/49	5,577'	20	16	888	In hard formation with water flow but no returns. Bit No. 20, a 9-7/8" OWS, made 46' in 29 hours and was pulled in medium condition. No trouble was encountered coming out of the hole. New Bit No. 21, a W7R, found top of cuttings at about 4,970'. Trip took 8 hours. Possibility of using water plant sledge from the Miami Water Works at Hialeah for mud was considered and permission obtained from the plant superintendent to try 5 or 6 truck loads. The material is clay to silt size limestone which settles out of the city water and can be used as mud, according to Mr. McGord. It is hoped that this cheap mud will wash the cuttings out of the hole.



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PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8-30-49	5,486'	49'	19 834	In hard formation with water flow and no returns. Four hours were spent washing through cuttings to bottom with new bit.

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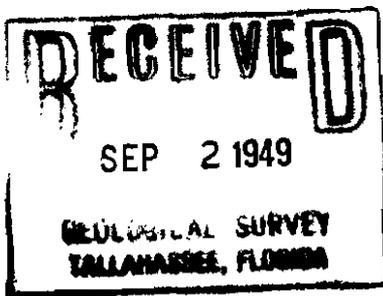
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LOCATION: Sec. 32-62-S-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8-29-49	5,437'	67'	19½ 815½	<p>In hard formation with water flow and no returns. Pulled Bit No. 18 in dull condition having made 161' in 32 hours. Bit quit drilling at 5,437' and was pulled with one cone locked. Driller found one zone of tight hole while pulling out.</p> <p>Over 400' of cuttings had apparently settled to bottom while making trip. The driller had to lay down 15 joints of pipe and wash each joint to bottom. The hole may have to be reduced again at 6,000'.</p>



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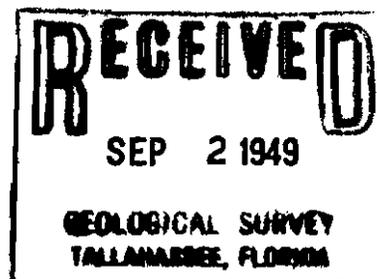
WELL: No. 1 State - Coastal Petroleum

LOCATION: Sec. 32-625-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8/27/49	5,286	66	20 $\frac{1}{2}$ 775	<p>In medium hard formation with water flow and no returns.</p> <p>Cleaned out mud pits. Put water flow into pits and used it for drilling fluid. At first, water flow was more than adequate but after six hours flow diminished and the driller was required to switch back to using water from the sump hole. 3$\frac{1}{2}$ hours were spent in pulling Bit No. 17 at 5,286' in dull condition after making 139' of 7-7/8" hole in 45 hours. No time was lost in drilling due to the hurricanes which passed north of the location.</p>
8/28/49	5,370	84	21 796	<p>In medium hard formation with water flow and no returns.</p> <p>New 9-7/8" WTR took weight 12 joints of bottom and took 1-3/4 hours to wash to bottom.</p> <p>Mixed 75 sacks of Magoogel.</p>

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WELL: Coastal Petroleum Company No. 1 State

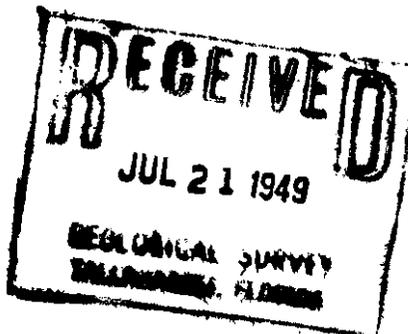
LOCATION: Section 32, T62S, R38E, Plantation Key

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY	TOTAL	REMARKS
7/12/49	47'	47'	10½	10½	Rigging up - 13½ hours. Drilling in coral lime with returns, using a Hughes 22" rock bit and water.

Miscellaneous Data

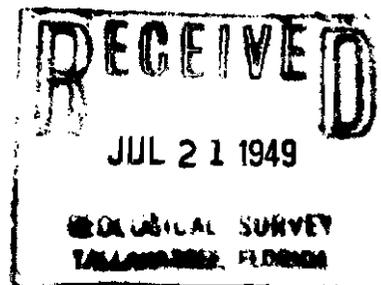
Location staked June 25, 1949.
Location cleared June 25, 1949.
Dug water pit (66 hours) - June 26 through July 2nd.
Rigging up (200 hours) - July 1st through July 12th.
Spudded 2:00 A.M., Tuesday, July 12, 1949.



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WELL: Coastal Petroleum Co.
 No. 1 State
 LOCATION: Sec. 32, T62S, R38E
 Plantation Key



PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
7/13/49	110'	63'	12 22½	Hard limestone. Rigging up 8½ hours. Working on rig 2½ hours. Trip 1 hour. Reduced hole at 97' to 17½", using a new Hughes OSQ2 rock bit #1664. Lost circulation at 66'. The 22" bit was a rerun and can be used again. The water pit is furnishing an ample water supply.
7/14/49	227'	117'	7 29½	Soft sandy limestone. Trip 2 hours. Reaming 22" hole 4½ hours. Running and cementing 20" 4½ hours. Waiting on cement 6 hours. Formation softened at 122'. Stuck and unstuck drill pipe in cuttings at 227'. Set 4 joints (91') of 94-lb. 20" casing at 101' and cemented by Halliburton with 100 sacks with returns. Job complete 6 p.m.
7/15/49	453'	226'	11½ 41	Fine sand and sandy lime. Drilling with returns. 17½" hole. Waiting on cement 5 hours; reaming to bottom 7½ hours. Cement drilled soft. Mixed 25 sacks of Mageogel to flush out cuttings.
7/16/49	506'	53'	1 42	Sand with sulphur water. Lost returns below 453'. Pump & float trouble, trip. Unable to wash back to bottom, 320' of sand and lime cuttings in hole. Mixed 150 sacks of mud, spotted same in hole and washed down to 350' without returns.

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LOCATION: Plantation Key

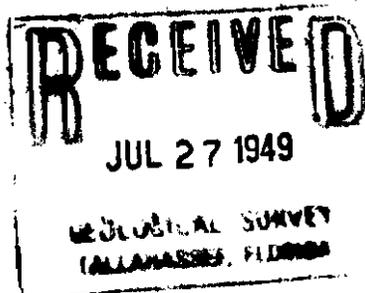
PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
7/17/49	506'	0	0 42	Sand with sulphur water. No returns. Mixed 245 sacks Mageogel and 3 sacks of quick lime. Unable to wash and run below 350'.
7/18/49	506'	0	0 42	Sand with sulphur water. No returns. Connected up flow line. Set 6 Cal-seal plugs at 100' with no fill up.
7/19 /49	506'	-	0 42	Sand with sulphur water. No returns. Trying to plug back hole using Cal-seal, Palco seal and cement. Obtained fill up but lost returns on drilling out plug to 131'.
7/20/49	650'	144'	12 54	Sandy limestone with returns. Stopped up cavity at 130' with 30 sacks of cement and crushed rock. Mixed 130 sacks of Mageogel and maintained returns.

(Cavity trouble resulted in 107 hours (4 1/2 days) lost time. In order to plug back to 101', the following materials were used:

- 335 sacks common cement
- 7 bales of Palco seal
- 2 sacks Gel Flake
- 175 sacks Calseal
- 423 sacks Mageogel
- 5 yards crushed limestone

All old rope, sacks and waste around rig).



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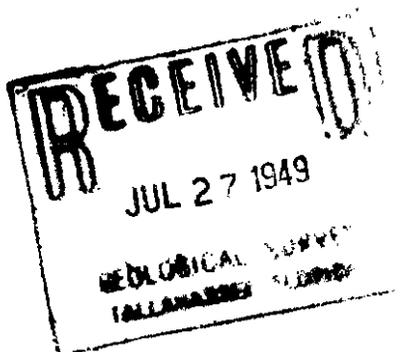
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No. 1 State

LOCATION: Plantation Key

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL		REMARKS
7/21/49	957'	307'	24	78	In dolomite and limestone with complete returns. Mixed 71 sacks of mud.
7/22/49	1,029'	72'	6	86	Hard dolomite. Circulated 2 hours. Mixed 15 sacks of mud. Measured out of hole 1 hour. 1,026 equals 1,028'. Ran 1035' 13-3/8" - 6 hours. Cemented with 70 sacks, 1 hour. Plug failed to pump down and most of cement returned to surface. Went in hole with 12 1/2" bit, found casing satisfactory, drilled plug and shoe and one foot of hole - 8 hours. Preparing to re-cement. Rain.



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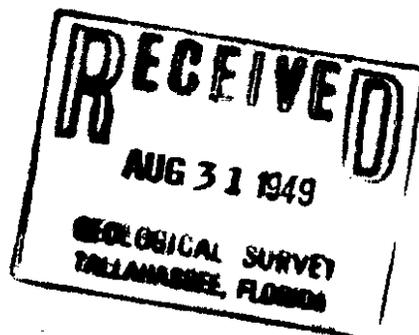
LOCATION: Sec. 32, T62S, R38E, Tavernier, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8-24-49	5,112'	157'	24 724½	<p>In soft formation with hard streaks with water flow and no returns. Mixed 28 sacks of Magegel.</p> <p>Cuttings apparently are binding the drill pipe as it takes 300 to 400 amp's on occasion to turn it.</p>
8-25-49	5,157'	45'	10 734½	<p>In soft formation with hard streaks having water flow and no returns.</p> <p>After making connection at 5,137', the pipe stuck. 10-1/2 hours were spent working on stuck pipe. Broke circulation after two hours at 2,200 lb.s pump pressure. Pulled Bit No. 16, a Hughes 9-7/8" OWS, at 5,157' in dull condition after making 348' of hole in 48 hours. One large limestone pebble was found in water course of bit. Rig is being/down in the event the hurricane hits this area.</p>
8-26-49	5,220'	63'	20 754½	<p>In medium hard formation with water flow and no returns. New bit took one hour to wash to bottom below 4,800' and one hour to restore normal pump pressure after reaching bottom.</p>

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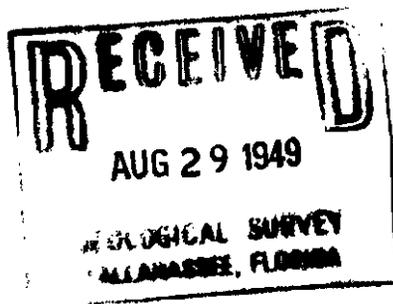


WELL: No. 1 State - Coastal Petroleum

LOCATION: Sec. 32-7628-R30E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8/23/49	4,955'	179	18½ 700½	<p>In soft formation with water flow but no returns. Pulled Bit No. 16, a Hughes OWS 9-7/8", at 4,809' in bald condition, having made 240' in 64½ hours. Mixed 45 sacks of Magegel. New OWS bit found 300 feet of cuttings on bottom. Trip took 5½ hours.</p> <p>Formation is being drilled with 10 to 15,000 lbs. weight.</p>



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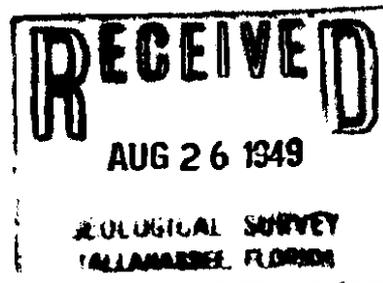
WELL:

Sec. 32-625-38E, Monroe County, Fla.

LOCATION:

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8/20/49	4,603'	37	17 1/2 636	In hard formation with water flow but no returns from bottom. Pulled 9-7/8" Bit No. 14, a W7R, at 4,577' after making 89' in 3 1/4 hours in medium condition. The formation was somewhat softer below 4,558'. Driller laid down 6 bent joints found just above the drill collars. 20,000 to 24,000 lbs. weight is being used and 35 to 45 rpm rotary speed.
8/21/49	4,650'	47	22 658	In hard formation with water flow and no returns. Stuck pipe while making connection at 4,613. Two hours were spent in working the pipe loose.
8/22/49	4,776'	126'	24 682	In soft formation with water flow and no returns. Below 4,658', mostly soft formation was encountered, with drilling at from 3 to 10 minutes per foot.



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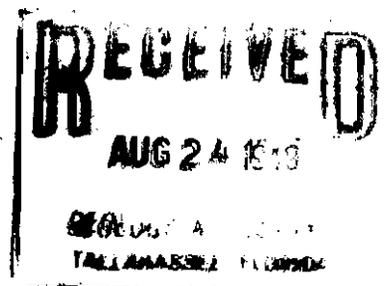
LOCATION: Sec. 32-62S-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRB. DRILLING DAILY - TOTAL	REMARKS
8/19/49	4,566'	58'	24 618½	In hard formation with water flow and no returns.

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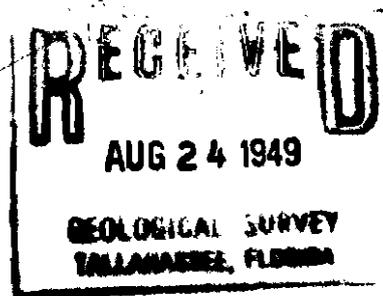
WELL: Coastal No. 1 Late

LOCATION: 32-628-38E, Tavernier, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DAILY	HRS. DRILLING - TOTAL	REMARKS
8/17/49	4,482'	34'	20	576½	<p>In hard formation with water flow and no returns. One-half hour was spent in finishing trip, and 3½ hours on repairing rig.</p> <p>Mixed 35 sacks of Magcogel. At 4,448' the 6 bottom stands of drill pipe were found to be crooked due to running more weight than the 4 drill collars (12,000 lbs.) Drilling with reduced weight resulted in slow drilling (50 minutes per foot).</p>
8/18/49	4,508'	26'	18	594½	<p>In hard formation with water flow and no returns.</p> <p>At 4,498', pulled Bit No. 13, a 9-7/8" W7R, in dull condition after making 50 feet of hole in 33½ hours. Added three 6" drill collars to the four 7" drill collars, making a 19,000-lb. string of collars.</p> <p>New bit washed to bottom easily and with 20,000 lbs. weight and slow rotary (35 rpm) drilled at the rate of 17 to 30 minutes per foot in what appears to be dolomite.</p>

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WELL: Coastal No. 1 Date

LOCATION: Section 32-625-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8/16/49	4,448	30'	29 556½	<p>In hard formation with water flow and no returns.</p> <p>Bit No. 12, a Hughes W7R, quit drilling at 4,448' and was pulled in bald condition after making 51' in 31 hours.</p> <p>Ran Eastman Straight Hole Survey at 4,037' and found less than one-half degree deviation from vertical.</p>

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WELL: Coastal Petroleum #1 State

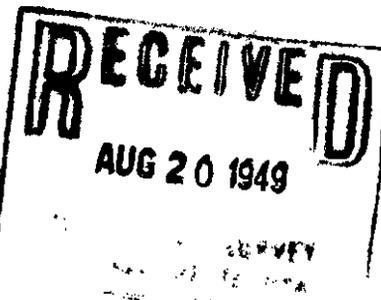
LOCATION: Sec. 32-62S-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8/12/49	4,304'	54'	24 479	In hard formation with water flow and no returns. Mixed 52 sacks Mageogel. Drilling time 15 to 45 minutes per foot.
8/13/49	4,342'	38'	18 497	In hard formation with water flow and no returns. Bit No. 10, a 9-7/8" W7R, quit drilling at 4,342' and was pulled in bald condition, having made 104' in 49 hours. New bit found 200' of cuttings on bottom. Mixed 50 sacks of Mageogel.
8/14/49	4,387'	45'	21 518	In hard formation with water flow and no returns. One-half hour was spent washing new bit to bottom. Trip time - 6 1/2 hours. Stuck 2 1/2 hours at 4,383' after changing pumps. Drilling time 25 to 65 minutes per foot.

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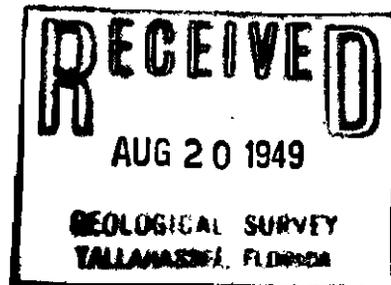


WELL: No. 1 State - Coastal Petroleum Co.

LOCATION: Section 32-62N-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8/15/49	4,418'	31'	19½ 537½	<p>In hard formation with water flow and no returns. Mixed 120 sacks of Magee-gel. Trip at 4,397' - 4½ hours.</p> <p>Bit No. 11, a Hughes 9-7/8" W7R, made 55 feet in 30 hours and was pulled in medium dull condition.</p> <p>New Bit No. 12 hung up at about 4,020' and found 50' of cuttings on bottom.</p>



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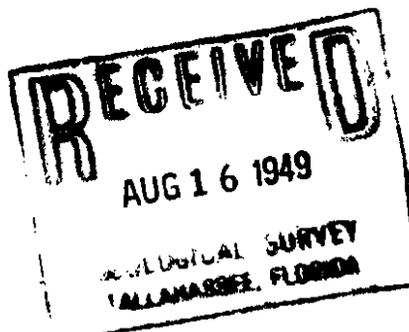
LOCATION: Sec. 32-62B-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DAILY	DRILLING TOTAL	REMARKS
8/8/49	4,209'	32	19	434½	<p>In hard formation with water flow. Pulled Bit No. 8 at 4,184' in dull condition with cones locked. Made 127' of 9-7/8" hole in 64½ hours.</p> <p>Bit No. 9, a 9-7/8" W7R, found 90' of cuttings on bottom. Mixed 50 sacks of Mageogel to flush out cuttings. None of the mud returns to surface.</p>
8/9/49	4,238'	29	13½	448	<p>In hard formation with salt water flow. Mixed 40 sacks Mageogel. Spotted mud in bottom of hole to make connection. Plugged bit while making connection. Stuck pipe 60' from bottom while trying to come out of the hole. Pulled on stuck pipe 10½ hours without restoring circulation or moving pipe up or down. Called for cutting tools and wash-over pipe from Mississippi.</p>

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WELL: Coastal Petroleum #1 State

LOCATION: Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL		REMARKS
8/10/49	4,238'			448	In hard formation with water flow. Pulling on stuck drill pipe 24 hours, broke circulation with 1500 pounds and pumping full pump volume at 750 lbs. into formation.
8/11/49	4,250'	12'	7	455	In hard formation with water flow. Pulling on stuck pipe, 9 hours. Trip, 4 hours. Circulating to bottom in cuttings, 4 hours. Mixed 62 sacks of mud. The fishing tools were stopped at Tampa. Bit No. 9 made 54' of hole in 36 hours and was pulled in medium condition with large cuttings in water courses.



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LOCATION: Sec. 32-628-38E, Plantation Key, Fla.

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PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRB. DRILLING DAILY - TOTAL	REMARKS
8/6/49	4,124'	46'	24 391½	In hard formation with water flow. Mixed 155 sacks Magooel. Stuck and unstuck pipe several times in tight hole and savings.
8/7/49	4,177'	53'	24 425½	In hard formation with water flow. Drilling with 4 to 6 points weight while drill collars are still in 12½" hole.

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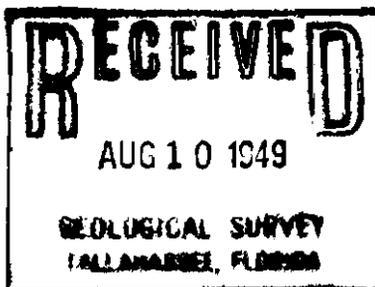
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WELL: No. 1 State - Coastal Petroleum Co.

LOCATION: Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8/4/49	4,051'	49	18½ 350	In very hard formation with water flow. Bit No. 6, a Hughes 12½" W7R, was pulled in medium dull condition. Made 67' in 33 hours. Bit No. 7, a Hughes OSC-1, found 70' of tight hole and cuttings on bottom. A 9' cavity occurred at 4016'. There is a small amount of oil staining in the cuttings from 3,520' to 3,610' where circulation was lost.
8/5/49	4,078'	27	17½ 367½	In hard formation with water flow. Reduced hole at 4,057' from 12½ to 9-7/8". Laid down 3 - 7-3/4" drill collars and picked up 5 - 6" drill collars and 9-7/8" W7R bit. Bit No. 7, an OSC-1, was pulled bald and out of gauge at 4,057', having made 53' in 18½ hours.



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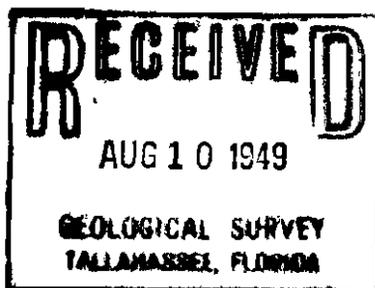
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WELL: Coastal No. 1 - Late

LOCATION: Sec. 32, T62S, R38E, Tavernier, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
8/1/49	3,902'	226'	24 286½	In hard dolomite with small salt water flow. Drilled hard to 3,680', soft to 3,872' and hard to present depth.
8/2/49	3,953'	51'	21 307½	In anhydrite and dolomite with water flow. Pulled Bit No. 5 at 3,937' in medium dull condition after making 277' in 51 hours. (Correction on Report for 7/31, Bit No. 6 should be Bit No. 5). Bit No. 6, a Hughes 12½" W7R, found 20' of tight hole and cuttings just above bottom.
8/3/49	4,002'	49'	24 331½	In hard formation, probably anhydrite with 8" flow of water.



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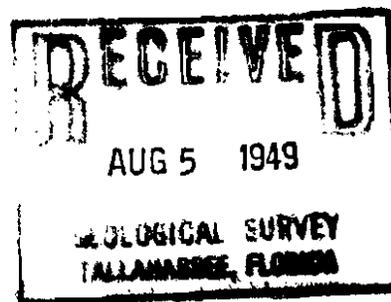
LOCATION: Plantation No. 7, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
7/30/49	3,652'	85	21 31	In hard dolomite - no returns. Lost returns, 3,610'. Cavity at 3,610'. Drilled rough below 3,610', probably due to cavities and boulders. Lost 3 hours running to make connection at 3,640'.
7/31/49	3,676'	24	13 20 1/2	In hard dolomite. Mixed 75 sacks of Ingeogol. Ruled Bit No. 4 in dull condition, having made 1,160' in 85 1/2 hours. Lost 7 hours round-tripping drill pipe when driller reduced hole. Small water flow below 3,655'. Ruled 4-5/8" bit at 3,660' and ran in Bit No. 6, a Hughes W7R 12" #04781. Bit went to bottom without difficulty. <u>Small water flow</u> continued while drilling in <u>very hard dolomite</u> .

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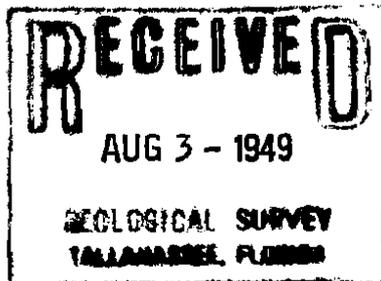


WELL: Coastal No. 1 State

LOCATION: Sec. 32-628-38E, Plantation Key, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DAILY	HRS. DRILLING DAILY - TOTAL	REMARKS
7/27/49	2888	471	19½	182½	In soft limestone. Trip at 2,495', pulled Bit No. 3 after making 1467' in 86 hours in medium condition, being a Hughes WTR rock bit. Ran in another, WTR #64777 and found clean hole to bottom - 2 hours. Repairing electrical equipment - 2½ hours. Drilling with water - have lost about one-half returns. Mixed 70 sacks of Cagoegel to condition hole
7/28/49	3449	561	24	206½	In soft limestone with partial returns.
7/29/49	3567	118	24	230½	In hard dolomite with about 1/4 returns. Top hard drilling 3483. Top hard drilling in O.D. Robinson & Republic #1 State 3520'.



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LOCATION: Sec. 32, T62S, R38E
Plantation Key, Monroe County, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL	REMARKS
7/25/49	1970'	430'	24 139	In limestone. Drilling with 350 lbs. pump pressure and 40 to 50 RPM rotary speed. Considerable H ₂ S in water returns. Heavy rains.
7/26/49	2417	439'	24 163	In limestone and dolomite. Drilling with water with returns. Repaired bearing in No. 1 motor.

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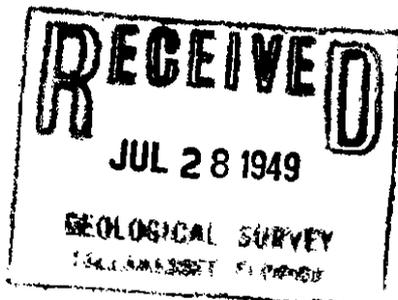
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WELL: Coastal Petroleum No. 1 State

LOCATION: Plantation Key - Sec. 32-62N-38E,
Monroe County, Fla.

PROGRESS REPORT

DATE	TOTAL DEPTH	FOOT-AGE	HRS. DRILLING DAILY - TOTAL		REMARKS
7/23/49	1,126'	97'	7	91	In dolomite and limestone. Recemented 13-3/8" casing with 100 sacks - 1 hour (31 joints - 1035' - of 13-3/8" casing is set at 1028'). Waiting on cement - 15 hours. Drilled out 39' of firm cement 990-1029' - 1 hour. Heavy rains.
7/24/49	1,548'	422'	24	115	In dolomite and limestone. Drilling a 12 1/2" hole with a Hughes W7R rock bit, three 7" drill collars and 250-pounds pump pressure. Hole started losing mud at 1050' at about 1 foot per hour and drillers switched to salt water at 1,100'. Returns are almost complete and samples are being caught every ten feet. The returning water has considerable H ₂ S gas. Used 100 sacks Magegel. The 17 1/2" Bit No. 2 made 931' of hole in 65 1/2 hours and can be used on another hole.



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