

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION

30-145-15E

Sunnyside Core Hole 6

## Golden, Colorado

**Project Number:**.....850833

Project Engineers: W. H. Reeves

659- ANALYTICAL LABORATORY REPORT

Sponsor: ~~Shell Oil Company~~  
(Shell Oil Company)

**Date Submitted:** Sept. 30, 1965

**Rec. 9/28/65**

[illegible]

Specific Gravity from composite oil

**supervisor**

**Date Reported**

9-30-65

11638

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION

Lab Group Number: 1108-65

Project Engineer: W. H. Reeves

1 of 8

Golden, Colorado

Project Number: 850833

Date Submitted: 10-4-65

ANALYTICAL LABORATORY REPORT  
65-10

Sponsor: Shell Oil Company

Lab. No.	Samp. No.	Description	G/T Oil		G/T Water		Sp. Gr.		Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd
			Est	Fnd	Est	Fnd	Est	Fnd												
118		77-78		0.25		3.88		0.891*												
119		78-79		Trace		5.71		"												
120		79-80		"		7.45		"												
121		80-81		"		7.20		"												
122		81-82		"		8.42		"												
123		82-83		"		5.29		"												
124		83-84		"		5.00		"												
125		84-85		"		6.04		"												
126-		85-86		Trace		9.51		"												
127		86-87		"		13.1		"												
128		87-88		6.61		11.2		"												
129		88-89		Trace		13.1		"												
130		89-90		"		11.3		"												
131		90-91		"		11.6		"												
132		91-92		"		10.6		"												
133		92-93		"		12.8		"												
134		93-94		1.08		9.62		"												
135		94-95		Trace		9.79		"												
136		95-96		"		4.09		"												
137		96-97		"		6.09		"												
138		97-98		2.69		12.8		"												
139		98-99		2.02		7.82		"												
140		99-100		Trace		5.03		"												
141		100-101		"		13.8		"												
142		101-102		3.95		13.8		"												

Remarks

\* Sp. Gr. from composite oil

Supervisor

Date Reported

10-5-65

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION

Lab Group Number: 1108-65

Project Engineer: W. H. Reeves

2 of 8 Golden, Colorado

Project Number: 850833

Date Submitted: 10-4--65

6510- ANALYTICAL LABORATORY REPORT

Sponsor: Shell Oil Company

Lab. No.	Samp. No.	Description	GT Oil		G/T Water		Sp Gr													
			Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd
143		102-103		4.31		11.5		0.891*												
144		103-104		1.64		6.31		"												
145		104-105		Trace		6.89		"												
146		105-106		0.24		7.44		"												
147		106-107		Trace		7.50		"												
148		107-108		0.54		7.37		"												
149		108-109		Trace		2.80		"												
150		116-117		2.70		9.88		"												
151		117-118		Trace		9.32		"												
152		118-119		1.18		10.5		"												
153		119-120		trace		13.5		"												
154		120-121		"		10.2		"												
155		121-122		"		7.77		"												
156		122-123		0.29		11.1		"												
157		123-124		trace		10.4		"												
158		124-125		0.31		10.6		"												
159		125-126		0.25		6.71		"												
160		126-127		trace		8.03		"												
161		127-128		0.25		9.68		"												
162		128-129		0.66		8.69		"												
163		129-130		1.37		10.3		"												
164		130-131		1.18		10.8		"												
165		131-132		0.51		10.2		"												
166		132-133		0.99		10.6		"												
167		133-134		2.75		11.4		"												

\* Sp. Gr. from composite oil

Remarks

Supervisor

Date Reported

10-5-65

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION

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Golden, Colorado

6510- ANALYTICAL LABORATORY REPORT

Lab Group Number: 1108-65

Project Number: 850833

Sponsor: Shell Oil Company

Project Engineer: W. H. Reeves

Date Submitted: 10-4-65

Lab. No.	Samp. No.	Description	G/T Oil		G/T Water		Sp. Gr.													
			Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd
168		134-135		2.57		12.5		.884*												
169		135-136		4.57		11.9		"												
170		136-137		0.70		14.2		"												
171		137-138		2.88		11.0		"												
172		138-139		0.27		8.44		"												
173		139-140		trace		13.4		"												
174		140-141		"		11.2		"												
175		141-142		0.25		11.3		"												
176		142-143		1.43		13.7		"												
177		143-144		0.62		17.3		"												
178		144-145		10.5		13.8		.886												
179		145-146		9.94		11.9		.892												
180		146-147		4.83		10.4		.884*												
181		147-148		12.2		11.8		.882												
182		148-149		7.71		14.2		.884*												
183		149-150		4.09		13.2		"												
184		150-151		4.42		14.1		"												
185		151-152		1.68		12.3		"												
186		152-153		6.69		14.1		.871												
187		153-154		3.92		12.0		.884*												
188		154-155		4.05		10.3		.884*												
189		155-156		9.71		13.0		.889												
190		156-157		trace		11.1		.884*												
191		157-158		4.73		1.05		"												
192		158-159		trace		4.50		"												

Remarks

\* Average Sp. Gr.

Supervisor

Date Reported

10-5-65

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION

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Golden, Colorado

6510

ANALYTICAL LABORATORY REPORT

Lab Group Number: 1108-65

Project Number: 850833

Project Engineer: W. H. Reeves

Date Submitted: 10-4-65

Sponsor: Shell Oil Company

Lab. No.	Samp. No.	Description	G/T Oil		G/T Water		Sp. Gr.													
			Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd
193		159-160		2.89		8.17		0.891*												
194		160-161		0.26		6.59		"												
195		161-162		trace		7.27		"												
196		162-163		"		7.04		"												
197		163-164		"		6.02		"												
198		164-165		"		6.16		"												
199		165-166		"		6.19		"												
200		166-167		"		5.76		"												
201		167-168		0.28		6.55		"												
202		168-169		5.67		7.85		"												
203		169-170		5.38		11.0		"												
204		170-171		0.28		8.45		"												
205		171-172		5.91		8.88		"												
206		172-173		0.66		10.5		"												
207		173-174		trace		7.11		"												
208		174-175		2.25		3.47		"												
209		175-176		1.29		4.82		"												
210		176-177		trace		8.13		"												
211		177-178		"		11.0		"												
212		178-179		"		11.1		"												
213		179-180		"		7.17		"												
214		180-182		"		11.4		"												
215		181-182		3.09		11.4		"												
216		182-183		0.52		7.77		"												
217		183-184		trace		6.14		"												

Remarks

\* Sp. Gr. from composite oil

Supervisor

Date Reported

10-6-65

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION

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Golden, Colorado

6510

ANALYTICAL LABORATORY REPORT

Lab Group Number: 1108-65

Project Number: 850833

Sponsor: Shell Oil Company

Project Engineer: W. H. Reeves

Date Submitted: 10-1-65

Lab. No.	Samp. No.	Description	G/T Oil		G/T Water		Sp. Gr.													
			Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd
218		184-185		8.46		14.5		0.891*												
219		185-186		trace		6.74		"												
220		186-187		1.33		2.13		"												
221		187-188		trace		6.15		"												
222		188-189		"		3.01		"												
223		189-190		"		5.05		"												
224		190-191		"		3.68		"												
225		191-192		"		7.57		"												
226		192-193		"		5.92		"												
227		193-194		"		5.15		"												
228		195-196		"		6.89		"												
229		196-197		"		6.32		"												
230		197-198		"		7.28		"												
231		203.5-204		3.82		14.3		"												
232		204-205		1.12		9.95		"												
233		205-206		trace		8.74		"												
234		206-207		"		11.0		"												
235		207-208		"		10.0		"												
236		208-209		"		12.1		"												
237		209-210		"		8.35		"												
238		210-211		"		6.28		"												
239		211-212		"		6.61		"												
240		212-213		"		8.30		"												
241		213-214		"		10.2		"												
242		214-215		6.76		6.76		"												

Remarks

\* Sp. Gr. from composite oil

Supervisor

Date Reported

10-6-65

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION

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6510 ANALYTICAL LABORATORY REPORT

Lab Group Number: 1108-65

Project Engineer: W. H. Reeves

Project Number: 850833

Date Submitted: 10-4-65

Sponsor: Shell Oil Company

Lab. No.	Samp. No.	Description	G/T Oil		G/T Water		Sp. Gr.													
			Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd
243		215-216		trace		7.50		0.900*												
244		224-225		1.88		8.44		"												
245		225-226		0.33		9.67		"												
246		226-227		3.14		7.05		"												
247		227-228		1.31		11.9		"												
248		228-229		1.59		9.95		"												
249		229-230		trace		9.70		"												
250		230-231		1.31		10.5		"												
251		231-232		0.29		8.89		"												
252		232-233		trace		12.2		"												
253		233-234		"		15.5		"												
254		234-235		"		10.1		"												
255		235-236		9.85		3.91		.927												
256		236-237		13.4		4.15		.926												
257		237-238		4.46		6.50		.900*												
258		238-239		4.03		8.05		"												
259		239-240		4.50		6.75		"												
260		240-241		2.84		1.54		"												
261		241-242		3.60		2.31		"												
262		242-243		3.23		1.16		"												
263		243-244		0.55		1.74		"												
264		244-245		2.87		1.29		"												
265		245-246		0.63		1.14		"												
266		246-247		trace		2.03		"												
267		247-248		2.37		2.14		"												

Remarks

\* Sp. Gr. from composite oil

Supervisor *W. H. Reeves*

Date Reported 10-6-65

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION

Lab Group Number: 1108-65

Project Engineer: W. H. Reeves

Project Number: 850833

Date Submitted: 10-4-65

Sponsor: Shell Oil Company

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Golden, Colorado

ANALYTICAL LABORATORY REPORT

6510

Lab. No.	Samp. No.	Description	G/T Oil		G/T Water		Sp. Gr.													
			Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd	Est	Fnd
268		248-249		3.58		4.59		0.900*												
269		249-250		trace		1.96		"												
270		250-251		"		6.24		"												
271		251-252		"		3.22		"												
272		252-253		"		5.33		"												
273		253-254		"		6.33		"												
274		254-255		"		3.96		"												
275		255-256		"		3.05		"												
276		256-257		"		7.73		"												
277		257-258		"		3.09		"												
278		258-259		"		3.61		"												
279		259-260		"		2.95		"												
280		260-261		2.32		3.25		"												
281		261-262		trace		3.65		"												
282		262-263		"		4.72		"												
283		263-264		"		6.28		"												
284		264-265		"		4.94		"												
285		265-266		"		4.34		"												
286		266-267		"		5.53		"												
287		267-268		"		6.31		"												
288		268-269		"		3.09		"												
289		269-270		"		4.09		"												
290		270-271		"		3.36		"												
291		271-272		0.27		4.30		"												
292		272-273		0.55		3.53		"												

Remarks

\* Sp. Gr. from composite oil

Supervisor

Date Reported

10-8-65



5510

## ANALYTICAL LABORATORY REPORT

Lab Group Number: 1108-65

Project Engineer: W. H. Reeves

Project Number: 850833

Date Submitted: 10-4-65

Sponsor: Shell Oil Company

[illegible]

\* Sp. Gr. from composite oil

Remarks

Supervisor

**Date Reported**

10-8-65