

Table 1. - Summary of well data concerning potash deposits at Lisbon Valley

Total depth, elevation, top and base of "saline facies" are given in feet. To convert to metric use 1 ft = 0.3048 m.

Grade of each potash deposit is for a specific interval, 3 ft. or more thick, which is highest in K₂O percent and is ranked as follows:

(H) High grade	18% K ₂ O	(D) Deposit removed by dissolution	(NL) Interval not logged
(M) Medium grade	10-18% K ₂ O	(K) Potash test	(ND) No data
(L) Low grade	2-10% K ₂ O	(U) Oil and Gas test	(SW) Interval sidewall cored
(Tr) Trace	1-2% K ₂ O	(OK) Combination oil and gas & potash test	(CD) Interval cored
(N) Nil	1% K ₂ O	(NP) Not penetrated by well	(DI) Data indeterminate because of structure
		(S) Stratigraphic wedgeout	

Map No.	Name and Location of well	Top and base of Salt	Potash Deposits									
			Top, base and thickness of deposit in feet.									
			Thickness for each potash deposit is generally for the entire mineralized zone.									
			Salt 5	Salt 6	Salt 9	Salt 13	Salt 18	Salt 19	Salt 20	Salt 21	Salt 24	
1	Superior Oil Company 47-16P (K) NE1/4 sec. 16, T. 30 S., R. 25 E. G.L. 6663 K.B. 6674 T.D. 3045	1800 (salt 16)	(D)	(D)	(D)	(D)	7 (H)	62 (M)	42 (H)	(NP)	---	---
2	Superior Oil Company 47-17P (K) NE1/4 sec. 17, T. 30 S., R. 25 E. G.L. 6810 K.B. 6821 T.D. 3203	2224 (salt 7)	(D)	(D)	10 (H)	11 (M)	2706-16 (CD)	3317-28 (CD)	---	---	---	---
3	Superior Oil Company 88-21P (K) E1/4 sec. 21, T. 30 S., R. 25 E. G.L. 6750 K.B. 6764 T.D. 3539	2380 (salt 6)	(D)	(D)	4 (H)	18 (L)	2782-86 (CD)	3200-18	(NP)	---	---	---
4	Superior Oil Company 73-19 (K) C1/4 sec. 19, T. 30 S., R. 25 E. G.L. 6190 T.D. 3910	2452 (salt 5)	(D)	6 (Tr)	3 (K)	(NP)	---	---	---	---	---	
5	Superior Oil Company 75-12P (K) C1/4 sec. 12, T. 30 S., R. 24 E. G.L. 6320 K.B. 6334 T.D. 4030	2518 (salt 5)	12 (H)	25 (M)	6 (H)	(NP)	---	---	---	---	---	
6	Superior Oil Company 66-28PA (K) SE1/4 sec. 28, T. 30 S., R. 25 E. G.L. 6458 K.B. 6470 T.D. 4223	2742 (salt 6)	(D)	(N)	66 (K)	---	---	---	---	---	---	
7	Superior Oil Company 63-29P (K) NW1/4 sec. 29, T. 30 S., R. 25 E. G.L. 6360 K.B. 6369 T.D. 2610	2631 (salt 5)	5 (H)	36 (M)	Faulted	(NP)	---	---	---	---	---	
8	Superior Oil Company 37-1P (K) C1/4 sec. 1, T. 30 S., R. 24 E. G.L. 6450 K.B. 6462 T.D. 2793	2930 (salt 5)	8 (H)	(NP)	---	---	---	---	---	---	---	
9	Superior Oil Company 77-35P (K) NE1/4 sec. 35, T. 29 S., R. 24 E. G.L. 6515 K.B. 6525 T.D. 2683	2826 (salt 5)	15 (H)	26 (M)	13 (H)	(NP)	---	---	---	---	---	
10	Superior Oil Company 71-1P (K) C1/4 sec. 1, T. 30 S., R. 24 E. G.L. 6920 K.B. 6930 T.D. 2970	2446 (salt 6)	(D)	(N)	4 (H)	(NP)	---	---	---	---	---	
11	Superior Oil Company 17-8P (K) C1/4 sec. 8, T. 30 S., R. 25 E. K.B. 6960 T.D. 2936	2213 (salt 20)	(D)	(D)	(D)	(D)	(D)	(D)	58 (M)	76 (H)	(NP)	
12	Superior Oil Company 36-29P (K) SW1/4 sec. 29, T. 30 S., R. 25 E. G.L. 6420 T.D. 3510	3842 (salt 4)	3 (H)	(NP)	---	---	---	---	---	---	---	
13	Superior Oil Company 15-19P (K) W1/4 sec. 19, T. 30 S., R. 25 E. G.L. 6117 K.B. 6126 T.D. 3370	3376 (salt 4)	5 (H)	(NP)	---	---	---	---	---	---	---	
14	Superior Oil Company 18-9P (K) C1/4 sec. 9, T. 30 S., R. 25 E. G.L. 6660 K.B. 6668 T.D. 2360	1652 (salt 14)	(D)	(D)	(D)	8, 10 (M)	14 (L)	24, 52 (M)	15 (H)	(NP)	---	
15	Superior Oil Company 71-35P (K) NW1/4 sec. 35, T. 29 S., R. 24 E. G.L. 6600 K.B. 6610 T.D. 2500	2747 (salt 5)	(D)	17 (M)	5 (H)	4 (L)	(NP)	---	---	---	---	
16	Superior Oil Company 35-34P (K) SE1/4 sec. 34, T. 29 S., R. 24 E. G.L. 6800 K.B. 6810 T.D. 3493	3555 (salt 5)	12 (H)	24 (M)	16 (H)	(NP)	---	---	---	---	---	
17	Superior Oil Company 41-7P (K) NE1/4 sec. 7, T. 30 S., R. 25 E. G.L. 7035 K.B. 7065 T.D. 3001	2498 (salt 6)	(D)	(N)	6 (H)	30 (Tr)	(NP)	---	---	---	---	
31	Pure Oil Company Bldg. Indian O.S.A.-1 (U) SW1/4 sec. 33, T. 29 S., R. 24 E. G.L. 7114 K.B. 7126 T.D. 11,143	4164 (salt 4)	8 (M)	17 (L)	10 (L)	9 (L)	5 (L)	65 (M)	8 (H)	25 (H)	20 (H)	
32	Pure Oil Company N.W. Lisbon G-1 (U) SE1/4 sec. 34, T. 29 S., R. 24 E. G.L. 6774 K.B. 6788 T.D. 6320	4560 (salt 4)	(N)	(N)	16 (H)	8 (M)	(NP)	---	---	---	---	
33	Pure Oil Company State A-1 (U) NW1/4 sec. 2, T. 30 S., R. 24 E. G.L. 6559 K.B. 6571 T.D. 10,419	3485 (salt 4)	13 (H)	26 (M)	240 (L)	16 (M)	8 (L)	(N)	(N)	20 (L)	39 (H)	
34	Pure Oil Company N.W. Lisbon C-3 (U) SW1/4 sec. 3, T. 30 S., R. 24 E. G.L. 6799 K.B. 6813 T.S. 8435	4327 (salt 4)	56 (K)	22 (L)	12 (H)	5 (M)	18 (M)	210 (M)	5 (Tr)	140 (Tr)	(SW)	
35	Pure Oil Company N.W. Lisbon C-1 (U) SE1/4 sec. 4, T. 30 S., R. 24 E. K.B. 6533 T.D. 9126	4644 (salt 4)	(Tr)	10 (L)	35 (H)	4 (M)	7 (H)	120 (M)	(N)	140 (L)	(SW)	
36	Elliot Production Company Lisbon C-1 (U) SW1/4 sec. 9, T. 30 S., R. 24 E. G.L. 6290 K.B. 6300 T.D. 7533	4923 (salt 4)	(Tr)	8 (L)	19 (H)	5 (L)	5 (L)	45 (Tr)	(N)	35 (Tr)	(Tr)	
37	Pure Oil Company N.W. Lisbon H-1 (U) C1/4 sec. 9, T. 30 S., R. 24 E. G.L. 6250 K.B. 6264 T.D. 8855	4525 (salt 4)	53 (Tr)	8 (Tr)	14 (H)	27 (Tr)	(N)	16 (L)	(N)	70 (L)	Out out by fault	
38	Pure Oil Company N.W. Lisbon A-1 (U) SW1/4 sec. 10, T. 30 S., R. 24 E. G.L. 6575 K.B. 6588 T.D. 8440	4310 (salt 4)	40 (Tr)	20 (L)	22 (K)	8 (L)	(N)	(SW)	---	---	---	
39	Pure Oil Company N.W. Lisbon A-2 (U) SW1/4 sec. 10, T. 30 S., R. 24 E. G.L. 6631 K.B. 6642 T.D. 9215	4337 (salt 4)	(Tr)	20 (L)	18 (H)	10 (M)	(N)	(SW)	---	---	---	
40	Pureco Petroleum Corporation Lisbon Fed. 1-12N (OK) SW1/4 sec. 12, T. 30 S., R. 24 E. G.L. 6558 K.B. 6572 T.D. 9170	3250 (salt 5)	(ND)	8 (M)	(ND)	8 (M)	60 (M)	60 (M)	(N)	faulted	faulted	
41	Belco Petroleum Corporation Belco State 2 NE1/4 sec. 10, T. 30 S., R. 24 E. (U) G.L. 6218 K.B. 6229 T.D. 9120	4523 (salt 4)	(N)	(N)	(N)	(N)	(N)	28 (H)	(N)	(DI)	(N)	
42	Standard Oil of California Armeds 21-15 No. 1 NW1/4 sec. 15, T. 30 S., R. 1E40 E. G.L. 6295 K.B. 6307 T.D. 8323	4350 (salt 4)	50 (Tr)	14 (L)	16 (H)	5 (L)	5 (L)	30 (L)	(N)	16 (L)	(N)	
43	Pure Oil Company N.W. Lisbon B-1 (U) C1/4 sec. 15, T. 30 S., R. 24 E. G.L. 6188 K.B. 6200 T.D. 9029	4373 (salt 5)	35 (Tr)	(N)	(N)	540 (Tr)	12 (M)	52 (L)	87 (L)	(S)	(S)	
44	Pure Oil Company N.W. Lisbon B-1 (U) NW1/4 sec. 14, T. 30 S., R. 24 E. K.B. 6733 W.P. 6732 T.D. 9026	4458 (salt 4)	47 (L)	59 (L)	23 (Tr)	62 (Tr)	28 (M)	(N)	(S)	---	---	
45	Pure Oil Company N.W. Lisbon B-2 (U) C1/4 sec. 14, T. 30 S., R. 24 E. K.B. 6679 T.D. 9305	4394 (salt 4)	9 (H)	7 (M)	10 (H)	15 (M)	35 (M)	(N)	---	---	---	
46	Pure Oil Company N.W. Lisbon D-2 (U) SE1/4 sec. 13, T. 30 S., R. 24 E. G.L. 6373 K.B. 6385 T.D. 9058	3388 (salt 4)	8 (H)	40 (M)	19 (H)	7 (M)	15 (M)	163 (M)	(N)	240 (L)	(SW)	
47	Pure Oil Company N.W. Lisbon D-1 (U) NE1/4 sec. 24, T. 30 S., R. 24 E. G.L. 6789 K.B. 6805 T.D. 9214	3745 (salt 4)	8 (H)	10 (L)	15 (Tr)	12 (L)	27 (L)	15 (L)	(N)	50 (M)	36 (H)	
48	Pureco Petroleum Corp. Lisbon Fed. 2-21F (OK) SW1/4 sec. 21, T. 30 S., R. 25 E. (OK) G.L. 6854 K.B. 6864 T.D. 9560	2330 (salt 7)	(D)	(D)	(ND)	7 (M)	80 (M)	(ND)	23 (H)	(SW)	(SW)	
49	Calvert Exploration Co. USA-1 Kimball (OK) C1/4 sec. 8, T. 30 S., R. 25 E. G.L. 6218 K.B. 6228 T.D. 9268	2427 (salt 5)	5 (H)	36 (M)	(Tr)	(ND)	---	---	---	---	---	
50	Pure Oil Co. N.W. Lisbon C-9 (U) C1/4 sec. 9, T. 30 S., R. 24 E. G.L. 6435 K.B. 6446 T.D. 8848	4790 (salt 4)	78 (Tr)	20 (L)	20 (H)	75 (L)	15 (H)	38 (L)	3 (L)	29 (L)	(N)	
51	Pure Oil Co. N.W. Lisbon C-2 (U) SW1/4 sec. 3, T. 30 S., R. 24 E. G.L. 6789 K.B. 6805 T.D. 9214	4619 (salt 4)	30 (L)	44 (L)	6 (H)	15 (L)	86 (L)	(N)	(N)	70 (H)	70 (H)	
52	Pureco Petroleum Corp. Lisbon Fed. 3-27C (OK) SW1/4 sec. 27, T. 30 S., R. 25 E. (OK) G.L. 6686 K.B. 6697 T.D. 9580	2360 (salt 6)	(D)	(N)	(ND)	5 (L)	7 (M)	90 (M)	(N)	(DI)	10 (H)	
53	Belco Petroleum Corp. State 1 (U) NE1/4 sec. 32, T. 29 S., R. 24 E. G.L. 6286 K.B. 6297 T.D. 10,636	5183 (salt 4)	(Tr)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	27 (L)	
54	Belco Petroleum Corp. State 4 (U) NE1/4 sec. 16, T. 30 S., R. 24 E. G.L. 6084 K.B. 6095 T.D. 8731	5533 (salt 5)	5 (Tr)	(N)	(N)	5 (Tr)	12 (H)	93 (M)	(N)	52 (L)	8 (H)	
55	Pure Oil Co. State-Spiller Canyon #1 (U) SW1/4 sec. 16, T. 30 S., R. 24 E. G.L. 6847 K.B. 6861 T.D. 9058	2666 (salt 2E)	(D)	(D)	(D)	8 (L)	44 (H)	90 (L)	7 (M)	(N)	(H)	
56	Pure Oil Co. N.W. Lisbon C-74 (U) SW1/4 sec. 4, T. 30 S., R. 24 E. G.L. 6435 K.B. 6446 T.D. 9015	4830 (salt 4)	60 (L)	29 (M)	10 (H)	20 (M)	16 (H)	123 (M)	22 (Tr)	54 (M)	(SW)	
57	Pure Oil Co. N.W. Lisbon A-814 (U) NW1/4 sec. 14, T. 30 S., R. 24 E. G.L. 6408 K.B. 6425 T.D. 9020	4350 (salt 4)	3 (M)	20 (M)	13 (H)	48 (Tr)	5 (L)	81 (H)	(N)	273 (L)	3 (H)	
58	Pure Oil Co. N.W. Lisbon B-815 (U) NE1/4 sec. 15, T. 30 S., R. 24 E. G.L. 6089 K.B. 6102 T.D. 8561	4637 (salt 4)	15 (Tr)	(N)	(N)	(N)	(N)	37 (M)	(N)	123 (L)	(N)	