

SAMPLE ANALYSIS

COMPANY S & A Oil Co

COUNTY Eddy STATE N Mex

FARM Gates - State WELL NO 2

Sec. 36 Twp. 17 S., Rge. 27 E.

Location NW SE NE

Commenced Sept 52

Completed _____

Elevation _____

I. P. _____

Sample Determinations by W. W. Parks, Geologist

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FORMATION		SANDSTONE		LIMESTONE		ANHYDRITE		SALT		SHALE		SAND		MISC. REMARKS	
FROM	TO	%	LITH & COLOR	%	LITH & COLOR	%	LITH & COLOR	%	COLOR	%	COLOR	%	LITH & COLOR		
							Samples Begin 335								
335	40						Wh & Dk gray granular						Red		
	50						30 "						30 Coarse, granular		
	54	20	Lt gray porous				20 "						70 Red fine silty		
	55	10	ditto				90 Wh granular & gray						60 " " light		
	61						70 "						Tr " "		
	65						60 "			20 Red			30 Red light		
	69						20 "						20 Red fine loose		
69	74												80 " " "		
	80						30 "							missing	
	84						20 "						70 " " light		
	86	10	Lt gray xtaline				70 "						80 " " "		
	91	60	Lt tan porous				20 "			15 Red			Tr yellow		
	400	Tr					30 Lt gray xtaline			10 Gray			5 Red coarse		
400	405	60	Lt gray Very porous, to dense				40 "						Tr " "		
	09	6	dark				90 Wh xtaline						70 Red light		
	19						100 "								
	25						90 Wh clear xtaline			10 Red			Tr		
	28						70 "			30 "					
	33						60 "			10 Red			30 Red fine silty	Tr chert	
	37						80 "			20 "					
	40						70 " w/ slight stain			10 "			20 Pkhdose		
40	44	30	Lt tan gran to fair				50 " "			20 "					
44	46		stain				Very Lt stain								

SAMPLE ANALYSIS

COMPANY 37222 COUNTY El Paso STATE N.M. FARM East - 10th WELL NO. 10
 Location El Paso Twp. 36 Sec. 36 E. 1
 Completed 1952 Elevation 5400 L. P. 1

Sample Determinations by W. B. Smith Geologist
 Austin, New Mexico 1952 Page 1

FORMATION	FROM	TO	DOLOMITE	LIMESTONE	ANHYDRITE	SALT	SHALE	SAND	MISC. REMARKS
			°	°	°	°	°	°	
40	40	40							
39	39	39							
38	38	38							
37	37	37							
36	36	36							
35	35	35							
34	34	34							
33	33	33							
32	32	32							
31	31	31							
30	30	30							
29	29	29							
28	28	28							
27	27	27							
26	26	26							
25	25	25							
24	24	24							
23	23	23							
22	22	22							
21	21	21							
20	20	20							
19	19	19							
18	18	18							
17	17	17							
16	16	16							
15	15	15							
14	14	14							
13	13	13							
12	12	12							
11	11	11							
10	10	10							
9	9	9							
8	8	8							
7	7	7							
6	6	6							
5	5	5							
4	4	4							
3	3	3							
2	2	2							
1	1	1							

SAMPLE ANALYSIS

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COMPANY B E A O, I Co FARM Cates State WELL NO. 2 SEC. 36 T. 17 S., R. 27 E.
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FORMATION		DOLOMITE		LIMESTONE		ANHYDRITE		SALT		SHALE		SAND		MISC. REMARKS
FROM	TO	%	LITH & COLOR	%	LITH & COLOR	%	LITH & COLOR	%	COLOR	%	COLOR	%	LITH & COLOR	
444	46	10	Med tan green		very lt stone	80	"			10	Red			
446	54					50	wh & pk			10	Green	10	Dark gray, xtaline	
54	60		Med tan dense		xtaline	30	"			10	Red	30	Red coarse	
60	65		slightly porous											
65	70		dark, very lt stone			50	"			10	Red	10	Red fine	
70	75		"		"	40	"			10	"	10	"	
75	80		"		"	50	"			10	"	20	"	
80	83		wh xtaline			100	White grain					10	Red	
83	89		porous			20	"					30	Red fine	
89	92					50	"							
92	96					90	"							
96	99					100	wh & pk solid							
99	501		wh xtaline			80	"							
501	503		"			90	"							
503	06					90	"			10	Red			
06	08					70	"			30	"			
08	10					70	"			30	"			
10	13		wh xtaline			100	"			Tr	"			
13	15		"			100	"			Tr	"			
15	17					100	"			Tr	"			
17	19					70	"			10	Red			
19	21					70	"			30	"			
21	24					50	"			50	"			
24	26					80	"			20	"			
26	29					90	"			10	"			
29	31					90	"			10	gray			
31						100	"			Tr	gray			

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FORMATION		DOLOMITE		LIMESTONE		ANHYDRITE		SALT		SHALE		SAND		MISC. REMARKS
FROM	TO	%	LITH & COLOR	%	LITH & COLOR	%	LITH & COLOR	%	COLOR	%	COLOR	%	LITH & COLOR	
531		60	Lt Brown porous Well stain to fair sort	40	White Brown Lt stain					Tr Red				Tested 1 1/4 BOPD before acid: 1000 gal Tested 1 1/2 BOPHr
	33													
	34	40	ditto above	60	"									
34	41	10	Lt Brown, slight stain granular	80	White Blue					10 Dark Blue				
41		30	ditto above, fair stain	70	White Gray slightly stained									
43		10	ditto	90	White Brownish gray, slight stain									
45		30	Lt Brown slightly stain	30	ditto					Gray to 40 Blue slightly sandy				
47		10	Brown ditto	20	Black & Gray					60 Red, fair very silty				
49	51		Dark gray crystalline	90	White Blue					10 Gray				
														End of samples 551
														Not tested
														Oct 11 1952

