

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

COUNTY **Chaves**
FIELD **Wildcat**
COMPANY **Southern Pet. Exploration Co.**
LEASE **H. Stevens**
LOCATION **NE 35 NE**
SEC. **15** T. **15 S** R. **29 E**
Well No. **1**
feet from **North** line and
feet from **East** line of Section
9-15-25
2-20-26
COMPLETED
ABANDONED
REMARKS:

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom		
12 1/2	134	3967 (?)	
10	918	3926 (?)	
8 1/2	1892		
INITIAL DAILY PRODUCTION:			
Open	P. & A.		bbls. Oil
Open			cu. ft. Gas
Tbg.			bbls. Oil
Tbg.			cu. ft. Gas

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Red shale	25	Gypsum	1365
Red sand	108	Red gypsum	1415
Red shale	128	Salt	1465
Red sand	143	Blue shale	1475
Red shale and clay	240	Red shale	1480
White gypsum	245	Salt	1495
Red shale	285	Gypsum	1730
Pink lime; gas show	295	Salt	1760
Lime; water	297	Gypsum	1785
Anhydrite and gypsum	325	Salt	1815
Maroon	338	Gypsum	1740
Gray lime; oil show	355	Salt	1850
Red shale	373	Gypsum	1875
Gray lime	385	Sandy lime; water	1885
Red shale	420	Lime	1887
Salt	462	Red sand; 90' oil in hole	1892
Hard shells	464	Red sand, dry	1912
Salt	625	Anhydrite	1925
Salt and anhydrite	675	Red shale	1930
Red clay	687	Green and red shale	1944
Anhydrite and gypsum	700	Lime	1945
Anhydrite and salt	800	Salt	1950
Anhydrite, salt and gypsum	990	Soft gray lime	1970
Red shale	1005	Lime	1975
Anhydrite and salt	1015	Black shale	1977
Red shale	1025	Red sand	1983
Gypsum	1035	Black shale	1984
Red shale	1040	Anhydrite	1995
Anhydrite and salt	1060	Black shale	2004
Anhydrite	1095	Anhydrite	2010
Gypsum	1150	Red sand	2035
Anhydrite	1160	Anhydrite	2075
Red shale	1222	Red sand; gas	2105
Pink limestone	1226	Anhydrite	2112
Red shale	1275	Red sand	2130
Salt	1305	Anhydrite	2279
Gypsum	1315	Gray lime	2280
Red shale	1325	Sandy lime	2320
Salt	1335	Red and green sand	2335

Red shale	2350	Dark gray lime	2940
Gray limestone	2394	Black lime, some gypsum	2959
Anhydrite	2403	Gray lime	2963
Gray lime	2425	Gypsum	2965
Red sand	2450	Black lime	2975
Red shale	2460	Gray lime	2983
Anhydrite	2490	Black lime	2987
Red sand	2500	Dark gray lime	2997
Anhydrite	2515	Dark sandy lime; $\frac{1}{2}$ bbls. oil 10% sand	3003
Red sand	2525	Sandy lime; little increase oil	3007
Anhydrite	2535	Dark gray lime	3014
Sandy red lime	2540	Black lime	3018
Anhydrite	2555	Dark gray lime	3028
Red sand	2560	Black lime	3038
Red lime	2580	Gray lime	3042
Gray lime	2610	Gray lime and gypsum	3063
Pink lime	2621	Sand; oil smell	3075
Dark gray lime	2635	Light gray lime	3083
Red sandy lime	2650	Black lime	3117 T.D.
Pink lime	2660		
Gray lime	2675	Note: Scout report says abandoned and plugged at 3040' 2-20-26	
Dark gray lime	2680		
Gray lime	2685		
Gray sandy lime	2705		
Gray lime	2710		
Gypsum	2712		
Gray lime	2715		
Pink lime	2725		
Light gray lime	2750		
Gypsum	2752		
Light gray lime	2755		
Dark gray lime	2760		
Light gray lime	2768		
Blue shale	2770		
Gray lime	2772		
Purple shale	2774		
Gray lime	2776		
Blue shale	2778		
Light gray lime	2780		
Blue shale	2782		
Gray sandy lime	2785		
Blue shale	2787		
Light gray lime	2790		
Dark gray lime	2800		
Gray lime	2825		
Dark gray lime	2840		
Black lime	2912		
Gypsum	2914		
Black lime	2932		

Completed 9-15-20
Completed 2-20-21

TR 3117

Elev. 2726' or 3767'

124

DESCR. BY.

PAGE

DATE _____

VALLIANT PRINTING CO., ALBUQUERQUE-11310

[illegible]

SAMPLE DESCRIPTION

PAGE 7

DESCR. BY JSH

DATE 31 July 91

VALLIANT PRINTING CO. - ALBUQUERQUE - 11210

COMPANY					WELL NO.		LEASE				COUNTY				STATE		
Son. Petroleum					1		Stephens				Chaves				NM		
DEPTH		ANNY.	POLY.	SALT	NON-RED SHALE		RED SHALE		SANDSTONE		GRANITE WASH		DOLOMITE		LIMESTONE		MISCELLANEOUS
FROM	TO				%	DESCR.	%	DESCR.	%	DESCR.	%	DESCR.	%	COLOR	DESCR.	%	
2290	2305								20	Red	com	FW					
	2311.5																
	23270								30	L							
	23385							15	mid								
	23440												60	Gray	DAS		
	23530												70				
	23640								10	Red	com	FW	70				
	23740								10	Gray							
2400	2410																
	2411.5																
	24210								70	Red	com	FW					
	24311.5																
	24470								10								
	24511.5																
2470	2485								15								
	2497							5	mid	5							
	25085								15								
	25185								15								
	25230								70								
	25385							5	mid	10							
	25455								20								
	25555												25				
	2561												40				
	2565												40				
2570	2585																
	25910												40				
	26035												40				
	26140												40				
	26240												40				
	26340												40				
	2645												40				
2705	2710																
	27115																
	27240																
	27340																
	27440																
	27540																
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	34540											</					

SAMPLE DESCRIPTION

PAGE 3

DESCR. BY J. J. J.

DATE 31/12/47

VALLIANT PRINTING CO., ALBUQUERQUE—11210

COMPANY					WELL NO.		LEASE				COUNTY				STATE		
Sun Petroleum					1		Stephens				Choctaw				OK		
DEPTH		ANHY.	POLY.	SALT	NON-RED SHALE		RED SHALE		SANDSTONE		GRANITE WASH		DOLOMITE		LIMESTONE		MISCELLANEOUS
FROM	TO				%	DESCR.	%	DESCR.	%	DESCR.	%	DESCR.	%	COLOR	DESCR.	%	
2816	2920												100	Brk	Dns		
	26	N.S.											1				
	33												100	✓	✓		
	41												100	✓	✓		
	45												100	Br	✓		
	50												100	✓	✓		
	51	N.S.															
	68												100	✓	✓		
	74												100	✓	✓		
	80												100	Gr	✓		
	90												100	✓	✓		
	98												100	✓	✓		
	2902	N.S.															
	28												100	✓	✓		
	14	N.S.															
	22	S											95	Br	✓		
	32												100	✓	✓		
	40	N.S.															
	45	S											75	✓	✓		
	53	S											95	Gr	✓		
	57	Tr											100	✓	✓		
	65	N.S.															
	75												100	✓	✓		
	83	N.S.															
	87	Tr											90	✓	✓		
	93	S											75	✓	✓		
	97	S											95	✓	✓		
	3003												100	✓	✓		
	88												100	Br	✓		
	25	N.S.															
	38	Tr											100	✓	Fr		
	43	N.S.															
	48												100	✓	Gr	Fr	
	53	N.S.															
	19												100	Br	✓		
	75												100	✓	✓		
	93												100	✓	Dns		
	70	N.S.															
	3117												100	✓	Gr	Fr	

