

STATE NM	COUNTY Lea	ELEVATION 4128	DESC. BY EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	COMPANY T. J. Sivley
KIND OF SAMPLES Rot	LOCATION 2310/S 660/E NESE	S 35	T 17	R 33
FARM Gulf-state				WELL NO. 1

DEPTH	DOLO	LIME	DESCRIPTION	SALT	ANHY	SHALE				SAND			CHT.	NOTES
	%	%		%	%	RED	GRY.	GRN.	BLK	RED	GRY.	DESCRIPTION	%	
2500-10				90	10									
20				90	10									
30				80	10	10								
40				80	10	10								
50				100										
60				100	T									
70				100										
80				100										
90				10	90									
2600				10	90									
10				100										
20				100										
30				100										
40				100										
50				T	100									
60				10	90									
70				20	80									
80				100										
90				100										
2700				100										
10				100										
20				100										
30				90	10									
40				90	10									
50				20	10	70								
60				10	10	80								
70				10	10	80								
80				10	10	80								
90				10	T	90								
2800				10	10	80								
10				10	10	80								
20				70	20	10								
30				80	10	10								
40				80	10	10								
50				100										

Inter Red bed
Cave

STATE	COUNTY	ELEVATI	DESC. BY	COMPANY					
Nm	Lea	4128	EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	T. J. Sivley					
KIND OF SAMPLES	LOCATION	S	T	R	FARM	WELL NO.			
Rot	NESE	35	17	33	Gulf State	1			
DEPTH	DOLO %	LIME %	DESCRIPTION	SALT %	ANHY %	SHALE RED GRY. GRN. BLK	SAND RED GRY. DESCRIPTION	CHT. %	NOTES
7850-60				70	30				
70					100				
80					100				
90					100				much Red shale
7900					90		T 10		
10					80		20		shale - 2 f.o.s.
20					90		10		
30					70		20 10		f.o.s.
40					80		20		✓
50					90		10		
60					90			10	
70					80		20		70 G
80					90			10	
90					100				
3000					100				
10					90		10		
20					90		10 T		
30					100				
40					90			10	
50 T					80		20		
60					90		10		
70 T					100			T	
80									
90					100				
3100					100				
10					100				
20					100				
30	10		Tnfx Tista		80		10 T		
40	10		✓ ✓		80		10 T		
50	10		✓ - - -		90				
60	20		✓ - - -		70		10		
70	20		- - - -		70		10		
80	20		- - - -		80		T		
90	20		- - - -		70		10		
3200	10		✓ - - -		80		10		

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STATE	COUNTY	ELEVATI	DESC. BY	COMPANY					
77M	Lea	4128	EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	T. J. Sivley					
KIND OF SAMPLES	LOCATION	S	T	R	FARM	WELL NO.			
Rot	NESE	35	17	33	Gulf. state	1			
DEPTH	DOLO %	LIME %	DESCRIPTION	SALT %	ANHY %	SHALE RED GRY. GRN. BLK	SAND RED GRY. DESCRIPTION	CHT. %	NOTES
3200-10	10		Tn fx - Tr st m	90					
20	20		✓ - - -	80					
30	20		- - - -	80					
40				80			20		
50	10			80			10		
60				90			T 10		
70				100					
80	10		✓ ✓ stu	90					
90	10			100					
3300				90			10 stu		
10	T			100					
20	10		✓ - -	90					
30	10			100					
40	10		✓ - -	90					
50	10		- - -	90			T		
60	10		- - -	80			10		
70				90			10		
80				100					
90				100					
3400	10		✓ - -	90					
10				100					
20				100					
30	10		✓ - -	90					
40				100					
50				100					
60				100					
70	10		Tn fx	90					
80	10		✓ - stu	90					
90	10		- - -	90					
3500	20		- - -	80					
10	10		✓ - -	90					
20	30		✓ -	70					
30	20		- -	80			T		
40	10		✓ - -	90					
50	10		- -	90					

STATE	COUNTY	ELEVATI	DESC. BY	COMPANY											
77M	Lea	4128	EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	T. J. Seivley											
KIND OF SAMPLES	LOCATION	S	T	R	FARM	WELL NO.									
Rot	NE 26	35	17	33	Gulf State	1									
DEPTH	DOLO %	LIME %	DESCRIPTION	SALT %	ANHY %	SHALE RED GRY. GRN. BLK				SAND RED GRY. DESCRIPTION			CHT. %	NOTES	
2550-60	10		Tn fx		90										Samples 40% Red shale
70	10		✓ - stn		90										
80	T				100										
90	T				100										
3600					100										
10					100										
20	10		Tn fx		90										
30	10		- -		90										
40	20		- -		80										
50					100										
60					100										
78	T				100										Samples 10% Red shale
80	10		✓ -		90										
90	20		- -		80										
3700	20		- -		80										
10					100										Good sample
20	10		✓ -		90					T					
30	20		- -		80										Samples 20% shale
40	10		✓ -		90										
50					100										
60					90						10				
70					100						T				
80					90					10	T				
90	T				100										
3800	10		Tn fx		80						10				
10	T				100										
20	20		Brn fx HCR		70					10	T				
30	20		- - -		60					10	10				
40	20		- - -		60					10	10				
1/2 Hr	10		- -		80					10	T				
1 Hr	10		✓ - HCR		80					10	T				
3840-41					100										100 clr w sky gry shale pods & seams
42					100										-
43					50										50-50 bentonitic
44	T				100										clr

STATE	COUNTY	ELEVATI	DESC. BY	COMPANY										
NM	Lea	4128	EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	T. J. Seivley										
KIND OF SAMPLES	LOCATION	S	T	R	FARM	WELL NO.								
Rot	NE 1/8	35	17	33	Gulf-State	1								
Core DEPTH	DOLO	LIME	DESCRIPTION	SALT	AHNY	SHALE	SAND	CHT.	NOTES					
%	%	%	%	%	%	RED	GRY.	GRN.	BLK	RED	GRY.	DESCRIPTION	%	
3844-45					50	50						mottled		
46					100							w gray shale pods & seams		
47					100									
48					80	10	10					anhy w gray & Red shale - bldg oil on frac.		
49					100							w Red shale seam		
3850					100									
51					90	10								
52					100							chr		
53					100							chr w gray shale seam		
54					100									
55					90	10						vy fm sty shales		
56										100		shaley - anhy cement		
57										100				
58										100				
59										100				
3860										100				
61										100				
62										100				
63										100		vy shaley		
64					T					80	20			
65										100				7RB
66					T					100	T			
67										100				laminated
68										100				
69										100				
3870					T					90	10	HCR + shi sty gray sd		
71										100		HCR shi sty		cmntd
72										100		cm HCR - sty lt oil on		
73										100				
74										100		cm shaley		
75										100		cm HCR - sty lt oil		
76										20	80			
77										100		cm anhy		
78										100				
79										100		shaley		

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STATE NM	COUNTY Lea	ELEVATI 4128	DESC. BY EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	COMPANY T. J. Shirley		
KIND OF SAMPLES Rot	LOCATION NE SE	S 35	T 17	R 33	FARM Gulf State	WELL NO. 1

DEPTH	DOLO	LIME	DESCRIPTION	SALT	AHNY	SHALE				SAND		CHT.	NOTES
	%	%		%	%	RED	GRY.	GRN.	BLK	RED	GRY.		
3879-80													100 Thin lens - 60% oil stu - Bldg
81													100 50% stu - con -
82													100 - -
83													100 80% - Fair por. FOG
84													100 70% -
85													100 Shale
86													100
87													100
88					T								100 T
89													100 conky con
90	70		brn-Pnk Dues	30			mottled						
3890-3900													
10													
20													
30													
40													
50	40		gry fx		40					20			
60	30		Wfx Tr sty		50					10	10		
70	40		brn fx		40					10	10		
80	20		gry fx		70						10		
90	40		brn l.		60								
4000	40		-		40						20		
10	50		-		40						10		
20	70		-		30						T		
30	70		-		30								
40	50		gry-brn l.		40						10		
50	50		-		30						20		
60	70		brn fx		20						10		
70	60		-		20					20			
80	70		-		20					10			
90	60		- - Hcr		20					10	10		
4100	50		-		20					20	10		
10	80		-		10					10	T		
20	90		Tn fx		10					T			

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STATE	COUNTY	ELEVAT/	DESC. BY	COMPANY		
NM	Lea	4128	EDWARD E. KINNEY BOX 718 ARTESIA, N. M.	T. J. Sivley		
KIND OF SAMPLES	LOCATION	S	T	R	FARM	WELL NO.
Rot	NE SE	35	17	33	Gulf-state	1

DEPTH	DOLO	LIME	DESCRIPTION	SALT	AHNY	SHALE				SAND		CHT.	NOTES	
	%	%		%	%	RED	GRY.	GRN.	BLK	RED	GRY.			DESCRIPTION
420-30	90		Tn fx - HCR		10							T		
40 60			--		20							20 T		
50 60			--		20							20 T		
60 70			--		20							10		
70 50			--		30							10 10		
80 60			- fx - sdy		20							10 10		
90 40			--									T T		
420 100			Tn fx											
10 100			Tn fx									T T		
20 100			--											
30 100			✓✓		T							T		
40 80			--									20		
50 80			✓-									10 10		
60 80			--									10 10		
70 100			✓-											
80 90			Buff fx - sdy									T 10		
90 100			✓-									<u>T</u>		
4300 100			✓- anky											
10 100			--											
20 100			✓-											
30 100			Tn fx											
40 70			Brn fx - sdy									20 20		
50 70			✓✓		10							T 10 10		
60 60			✓✓		10							20 10		
70 100			✓-		T							T		
80 100			✓✓									T		
90 100			✓- Tr star											
4400 90			✓✓ 10% str sli por.									10 cm		
10 90			✓✓ Tr									10 -		
20 90			✓✓									T 10 Tr star		
30 80			✓-									20 40% str		
40 90			✓-									10 Tr		
50 90			✓-		T							T 10 -		
60 80			✓-		T							T 20 -		
70 80			✓✓									T 20 10% ✓		
80 80			✓✓									20 ✓✓		

STATE	COUNTY	ELEVAT.	DESC. BY	COMPANY										
NM	Lea	4128	EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	T.J. Shirley										
KIND OF SAMPLES	LOCATION	S	T	R	FARM	WELL NO.								
Rat	NE SE	35	17	33	Gulf State	1								
DEPTH	DOLO	LIME	DESCRIPTION	SALT	AHNY	SHALE	SAND	CHT.	NOTES					
	%	%		%	%	RED	GRY.	GRN.	BLK	RED	GRY.	DESCRIPTION	%	
4480-85	90		Buff fr							10	50%	stu		
1 1/2 - 6 in	100		- - - sdy							T	Tr	stu		
10 - -	100		- - - -							T	T	- -		
1 1/2 - -	100		White - Buff fr - sdy							T	- -	- -		
4485 - 86	100		Buff - coral v. title									Tr stu on frac.		
87	100		- - - -									- - - -		
88	100		- - - -									- - - -		dk sdy stu party
89	100		- - - -									- - - -		
4490	100		- - - -									- - - -		
91	100		Wht - - -									- - - -		
92	100		- - - sdy fair por									25% stu		
93	100		- - - -									30% -		frac
94	100		- - - sdy lge anky incl									40% -		
95	100		- - - coral vug por									20% -		
96	100		- - - - - 10%									10% -		
97	100		- - - sdy fair - good por									50% -		
98	100		- - - coral poor por									10% -		
99	100		- - - sdy fair por									20% -		
4500	100		- - - coral - sdy fair por									40% -		
1	100		- - - v. sdy good por									40% -		
2	100		- - - sdy fair - -									20% -		anky Incl -
3	100		- - - sdy coral - vug - fair por									30% -		-
4	100		- - - coral - vug - -									20% -		-
5	100		- - - - - poor - -									20% -		-
6	100		- - - - - frac									10% -		-
7	100		- - - - - poor por									20% -		-
8	100		- - - - - -									40% -		-
9	100		- - - - - good por - poor form									30% -		
4510			- - - - - 70 cl									30 good stu		
11	80		In sdy fair por									20		
12	100		Wht coral - sdy fair por									30% stu		
13	100		- - - - - vug									10% -		
14	100		- - - - - -									10% -		anky
15	100		- - - - - -									10% -		Cement.
16	100		- - - - - -									10% -		

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STATE	COUNTY	ELEVAT	DESC. BY	COMPANY					
NM	Lea	4128	EDWARD E. MINNEY	T. J. Airbay					
KIND OF SAMPLES	LOCATION	DATE	WELL NO.						
RT	NE 1/4	35-17-23 July 1966	1						
DEPTH	DOLO %	LIME %	DESCRIPTION	SALT %	ARMY %	SHALE %	SAND %	CHT. %	NOTES
4516-17	100		lgt car ool Tr stu - grey shale seams						
18	100		✓ - -						
19	100		✓ - - Tr stu						
4520	100		✓ - - anky crin				10% stu	poor por	
21	100		✓ - -				10% -	-	
22	100		✓ - - vugs isolated				10% -	fair -	
23	100		✓ - -				10% -	-	
24	100		✓ - -				10% -	-	
25	100		✓ - -				10% -	-	
26	100		✓ - - vert frac				20% -	-	
27	100		✓ - - Rust frac				Tr -	-	
28	100		✓ - - vugs				10% -	-	
29	100		✓ - - anky crin				10% -	-	
4530	100		✓ - - - frac				Tr -	-	
31	100		✓ - - free				10% -	-	
32	100		✓ - -				20% -	fair por	
33	100		✓ - - shay				20% -	-	
34	100		✓ - - v. shay frac				20% -	poor -	
35	100		✓ - -				50% -	good -	
36	100		✓ - -				30% -	-	
37	100		✓ - -				20% -	fair -	
38	100		✓ - - vugs				25% -	good -	
4538-40	70		✓ - - 10% stu				30 cm 10% stu		
4570			✓ - - 10% ✓				30 - 10% -		
50	80		✓ - - shay 10% ✓				20 - 10% -		
53	80		✓ - - scattered vugs				20 - 10% -		
1 Hr Circ	90		✓ - -				10 - 10% -		
#2 core							100 80% stu	fair por	data
4555-56									cur
55	100		✓ - - shay 70% stu				fair por		
56	100		✓ - - 10% -						
57	100		✓ - - lge ool						
58	100		✓ - - med ool 20% stu + inter ool				por		
59	100		✓ - - 20% -						
4560	100		✓ - - sm ool 30% -						
61	100		✓ - - fm ool 90% -				good por		

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100 80 60 40 20 0

100	80	60	40	20	0
90	70	50	30	10	-10
80	60	40	20	0	-10
70	50	30	10	-10	-20
60	40	20	0	-20	-30
50	30	10	-10	-30	-40
40	20	0	-20	-40	-50
30	10	-10	-30	-50	-60
20	0	-20	-40	-60	-70
10	-10	-30	-50	-70	-80
0	-20	-40	-60	-80	-90
-10	-30	-50	-70	-90	-100
-20	-40	-60	-80	-100	-110
-30	-50	-70	-90	-110	-120
-40	-60	-80	-100	-120	-130
-50	-70	-90	-110	-130	-140
-60	-80	-100	-120	-140	-150
-70	-90	-110	-130	-150	-160
-80	-100	-120	-140	-160	-170
-90	-110	-130	-150	-170	-180
-100	-120	-140	-160	-180	-190
-110	-130	-150	-170	-190	-200
-120	-140	-160	-180	-200	-210
-130	-150	-170	-190	-210	-220
-140	-160	-180	-200	-220	-230
-150	-170	-190	-210	-230	-240
-160	-180	-200	-220	-240	-250
-170	-190	-210	-230	-250	-260
-180	-200	-220	-240	-260	-270
-190	-210	-230	-250	-270	-280
-200	-220	-240	-260	-280	-290
-210	-230	-250	-270	-290	-300
-220	-240	-260	-280	-300	-310
-230	-250	-270	-290	-310	-320
-240	-260	-280	-300	-320	-330
-250	-270	-290	-310	-330	-340
-260	-280	-300	-320	-340	-350
-270	-290	-310	-330	-350	-360
-280	-300	-320	-340	-360	-370
-290	-310	-330	-350	-370	-380
-300	-320	-340	-360	-380	-390
-310	-330	-350	-370	-390	-400
-320	-340	-360	-380	-400	-410
-330	-350	-370	-390	-410	-420
-340	-360	-380	-400	-420	-430
-350	-370	-390	-410	-430	-440
-360	-380	-400	-420	-440	-450
-370	-390	-410	-430	-450	-460
-380	-400	-420	-440	-460	-470
-390	-410	-430	-450	-470	-480
-400	-420	-440	-460	-480	-490
-410	-430	-450	-470	-490	-500
-420	-440	-460	-480	-500	-510
-430	-450	-470	-490	-510	-520
-440	-460	-480	-500	-520	-530
-450	-470	-490	-510	-530	-540
-460	-480	-500	-520	-540	-550
-470	-490	-510	-530	-550	-560
-480	-500	-520	-540	-560	-570
-490	-510	-530	-550	-570	-580
-500	-520	-540	-560	-580	-590
-510	-530	-550	-570	-590	-600
-520	-540	-560	-580	-600	-610
-530	-550	-570	-590	-610	-620
-540	-560	-580	-600	-620	-630
-550	-570	-590	-610	-630	-640
-560	-580	-600	-620	-640	-650
-570	-590	-610	-630	-650	-660
-580	-600	-620	-640	-660	-670
-590	-610	-630	-650	-670	-680
-600	-620	-640	-660	-680	-690
-610	-630	-650	-670	-690	-700
-620	-640	-660	-680	-700	-710
-630	-650	-670	-690	-710	-720
-640	-660	-680	-700	-720	-730
-650	-670	-690	-710	-730	-740
-660	-680	-700	-720	-740	-750
-670	-690	-710	-730	-750	-760
-680	-700	-720	-740	-760	-770
-690	-710	-730	-750	-770	-780
-700	-720	-740	-760	-780	-790
-710	-730	-750	-770	-790	-800
-720	-740	-760	-780	-800	-810
-730	-750	-770	-790	-810	-820
-740	-760	-780	-800	-820	-830
-750	-770	-790	-810	-830	-840
-760	-780	-800	-820	-840	-850
-770	-790	-810	-830	-850	-860
-780	-800	-820	-840	-860	-870
-790	-810	-830	-850	-870	-880
-800	-820	-840	-860	-880	-890
-810	-830	-850	-870	-890	-900
-820	-840	-860	-880	-900	-910
-830	-850	-870	-890	-910	-920
-840	-860	-880	-900	-920	-930
-850	-870	-890	-910	-930	-940
-860	-880	-900	-920	-940	-950
-870	-890	-910	-930	-950	-960
-880	-900	-920	-940	-960	-970
-890	-910	-930	-950	-970	-980
-900	-920	-940	-960	-980	-990
-910	-930	-950	-970	-990	-1000

STATE	COUNTY	ELEVAT	DESC. BY	COMPANY		
NM	Lea	4128	EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	T. J. Livley		
KIND OF SAMPLES	LOCATION	S	T	R	FARM	WELL NO.
Rat	NE SE	35	17	33	Gulf-state	1

DEPTH	DOLO	LIME	DESCRIPTION	SALT	AHNY	SHALE				SAND		CHT.	NOTES
	%	%		%	%	RED	GRY.	GRN.	BLK	RED	GRY.	DESCRIPTION	
4561-62	100		wht-cm fn	ool-sat-gd por									
63	100		✓ - -	-		✓							
64	100		✓ - -	-		-							vert frac.
65	100		✓ - -	-		-							
66	100		✓ - -	-		-							HCR
67	100		✓ - -	-		-							
68	100		✓ - -	-		-							sdly-sat-gd por
69	100		✓ - -	-		✓							fair
4570	100		✓ - - cre	ool		10% str							
71	100		✓ - -	✓		10%							
72										100			sat good por
73										100			- - -
74										100			- - -
75										100			- - -
76										100			- - -
77										100			- - -
78										100			- - -
79										100			- - -
4580										100			very good por
81										100			- - -
82										100			- - -
83										100			- - -
84										100			- - -
85										100			- - -
86	100		wht cm fn	ool-sdly		60% str							fair por
87	100		✓ - -	-		80%							- - -
88	100		- - -	-		80%							- - -
89	100		✓ - -	-		sat							vert frac
4590	100		✓ - -	-		✓							- - -
91	100		✓ cm ool	-sdly-dense									
92	100		✓ - -	vy sdly-sat									- - -
93	100		- - -	20% str									
94	100		✓ fn ool	-sdly-sat									good por
95										100			fn sat good por
96										100			- - -

Year	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

Day	Month	Year	Time	Location	Remarks
1	1	1900	10:00	1000	1000
2	1	1900	10:00	1000	1000
3	1	1900	10:00	1000	1000
4	1	1900	10:00	1000	1000
5	1	1900	10:00	1000	1000
6	1	1900	10:00	1000	1000
7	1	1900	10:00	1000	1000
8	1	1900	10:00	1000	1000
9	1	1900	10:00	1000	1000
10	1	1900	10:00	1000	1000
11	1	1900	10:00	1000	1000
12	1	1900	10:00	1000	1000
13	1	1900	10:00	1000	1000
14	1	1900	10:00	1000	1000
15	1	1900	10:00	1000	1000
16	1	1900	10:00	1000	1000
17	1	1900	10:00	1000	1000
18	1	1900	10:00	1000	1000
19	1	1900	10:00	1000	1000
20	1	1900	10:00	1000	1000
21	1	1900	10:00	1000	1000
22	1	1900	10:00	1000	1000
23	1	1900	10:00	1000	1000
24	1	1900	10:00	1000	1000
25	1	1900	10:00	1000	1000
26	1	1900	10:00	1000	1000
27	1	1900	10:00	1000	1000
28	1	1900	10:00	1000	1000
29	1	1900	10:00	1000	1000
30	1	1900	10:00	1000	1000
31	1	1900	10:00	1000	1000

Year	Month	Day	Time	Location	Remarks
1905	Jan	1	10:00	St. Paul	Arrived
1905	Jan	2	10:00	St. Paul	Left
1905	Jan	3	10:00	St. Paul	Arrived
1905	Jan	4	10:00	St. Paul	Left
1905	Jan	5	10:00	St. Paul	Arrived
1905	Jan	6	10:00	St. Paul	Left
1905	Jan	7	10:00	St. Paul	Arrived
1905	Jan	8	10:00	St. Paul	Left
1905	Jan	9	10:00	St. Paul	Arrived
1905	Jan	10	10:00	St. Paul	Left
1905	Jan	11	10:00	St. Paul	Arrived
1905	Jan	12	10:00	St. Paul	Left
1905	Jan	13	10:00	St. Paul	Arrived
1905	Jan	14	10:00	St. Paul	Left
1905	Jan	15	10:00	St. Paul	Arrived
1905	Jan	16	10:00	St. Paul	Left
1905	Jan	17	10:00	St. Paul	Arrived
1905	Jan	18	10:00	St. Paul	Left
1905	Jan	19	10:00	St. Paul	Arrived
1905	Jan	20	10:00	St. Paul	Left
1905	Jan	21	10:00	St. Paul	Arrived
1905	Jan	22	10:00	St. Paul	Left
1905	Jan	23	10:00	St. Paul	Arrived
1905	Jan	24	10:00	St. Paul	Left
1905	Jan	25	10:00	St. Paul	Arrived
1905	Jan	26	10:00	St. Paul	Left
1905	Jan	27	10:00	St. Paul	Arrived
1905	Jan	28	10:00	St. Paul	Left
1905	Jan	29	10:00	St. Paul	Arrived
1905	Jan	30	10:00	St. Paul	Left
1905	Jan	31	10:00	St. Paul	Arrived

STATE	COUNTY	ELEVAT	DESC. BY	COMPANY	
71M	Lea	4128	EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	T. J. Leiby	
KIND OF SAMPLES	LOCATION	S	T	R	WELL NO.
Ref	NE 1/4	35	17	33	1

DEPTH	DOLO	LIME	DESCRIPTION	SALT	AHNY	SHALE				SAND		CHT.	NOTES	
	%	%		%	%	RED	GRY.	GRN.	BLK	RED	GRY.	DESCRIPTION		%
4596-97											100	tu sat	vg por	
98											100	-	-	
99											100	-	-	
4600											100	-	-	
1											100	-	-	
2											100	-	-	
3											100	-	-	
4											100	-	-	
5											100	-	-	
6											100	-	-	
7	10		wht em ool								90	sat blk ool	vg por	gd flow
8											100	-	-	
9											100	-	-	
4610											100	-	-	
11											100	-	-	
12											100	-	-	
13	100		wht well em ool								100	-	-	
14											100	-	-	
15	100		out ool								100	-	-	
16	100		shy 20% str + flr								100	-	-	
17	100		shy 30%								100	-	-	
18	100		shy 50%								100	-	-	
19	100		shy 50%								100	-	-	
4620	100		shy 50%								100	-	-	
21	100		shy 50%								100	-	-	
22	100		shy 50%								100	-	-	
23	100		shy 50%								100	-	-	
24	100		shy 50%								100	-	-	
25	100		shy 50%								100	-	-	
26	100		shy 50%								100	-	-	
27	100		shy 50%								100	-	-	
28	100		shy 50%								100	-	-	
29	100		shy 50%								100	-	-	
4630	100		shy 50%								100	-	-	
31	100		shy 50%								100	-	-	

STATE NM	COUNTY Lea	ELEVAT 4128	DESC. BY EDWARD E. KINNEY BOX 715 ARTESIA, N. M.	COMPANY T. J. Sivley
KIND OF SAMPLES Rat	LOCATION NESE	S 35	T 17	R 33
			FARM Gulf State	WELL NO. 1

DEPTH	DOLO		LIME	DESCRIPTION	SALT	AHNY	SHALE				SAND			CHT.	NOTES
	%	%					RED	GRY.	GRN.	BLK	RED	GRY.	DESCRIPTION		
4631-32	100			whit cmool									bldg frac & inter ool por		
33	100			✓ - -			✓						fw vugs		
34	100			✓ - -			✓								
35	100			✓ - -			✓						gry sand incl		
36	100			✓ - -			✓						gd por		
37	100			✓ - -			✓								
38	100			✓ - -			✓								
39	100			✓ - -			✓						gd f/r		
4640	100			✓ - -			✓						gryshale Vert frac		
41	100			✓ - -			✓						gd por gd f/r		
42	100			✓ - -			✓								
43	100			✓ - -			✓								
44	100			✓ - -			✓								
45	100			✓ - -			✓						Vert frac		
46	100			✓ - -			✓						few dry vugs		
47	100			✓ - -			✓						+ Vert frac		
48	100			✓ - -			✓						bldg vugs - anhy incl gry shale vert frac		
49	100			✓ - -			✓						gryshale 2 1/1 Vert frac		
4650	10			✓ - -			✓						80 well cemented		
51	100			✓ - -			✓								
52	100			✓ - -			✓								
53	100			✓ - -			✓						gd por		
54	100			✓ - -			✓								
55	100			✓ - -			✓								
56	100			✓ - -			✓								
57	100			✓ - -			✓								
58	100			✓ - -			✓						Tr bldg		
59	100			✓ - -			✓						bldg vugs		
													f lower		

