

LOG OF OIL OR GAS WELL

Las Cruces 063078

Company: T. E. Brown, formerly Olen F. Featherstone-Watkins, Artesia, New Mexico

Lessor: Featherstone-Watkins Field: Shugart State: New Mexico

Well No. 1 Section 31, Township 18S., Range 32E., Meridan N.M.P.M. Lea County

Location: 660' fr S. and 1980' fr E. lines of section 31.

/s/ NAY HIGHTOWER, Operator

Oil or gas sands: No. 1 from 3575 to 3606

Cable tools used from 3518' to 4160'

FORMATION RECORD

<u>FROM</u>	<u>TO</u>	<u>TOTAL FEET</u>	<u>FORMATION</u>
0	25	25	Sand
25	50	25	Red bed
60	70	20	Sand
70	100	30	Gravel
100	120	20	Red bed and sand
120	180	60	Red bed
180	215	35	Shale
215	255	40	Red shale
255	400	145	Shale
400	430	30	Sand water
430	505	75	Red bed
505	600	95	Shale
600	995	395	Shale and red bed
995	1015	120	Salt and red bed
1015	1070	55	Salt, red bed and anhydrite
1070	1105	35	Anhydrite
1105	1145	40	Anhydrite and sale
1145	1260	115	Anhydrite
1260	1315	55	Anhydrite and red shale
1315	1390	75	Anhydrite and sale
1390	1440	50	Anhydrite and red shale
1440	1590	150	Anhydrite and salt
1590	1640	50	Anhydrite, salt and potash
1640	1690	50	Anhydrite, salt and red rock
1690	1800	110	Salt and anhydrite
1800	2305	505	Salt and potash
2305	2355	50	Salt and red bed
2355	2415	60	Anhydrite
2415	2500	85	Anhydrite and red bed
2500	2545	45	Anhydrite
2545	2565	20	Lime and anhydrite
2565	2585	20	Lime
2585	2675	90	Lime and anhydrite
2675	2705	30	Lime
2705	2730	25	Lime and anhydrite
2730	2740	10	Anhydrite
2740	2750	10	Sandy lime
2750	2780	30	Lime and Anhydrite

170830 220710 221

001007 WND 1500Z JAS082 116FT ANI'S - 9000000000 :T00001

Source: U.S. and F.B.I. files of serial 31.

NAVY - LITTON, R. - Operator

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10/1 of 1017 not been about since

RECORD NO. 10000

ITEM	TO	TOTAL FEET	FOOT VALUE
0	25	25	25
25	50	50	50
50	75	75	75
75	100	100	100
100	125	125	125
125	150	150	150
150	175	175	175
175	200	200	200
200	225	225	225
225	250	250	250
250	275	275	275
275	300	300	300
300	325	325	325
325	350	350	350
350	375	375	375
375	400	400	400
400	425	425	425
425	450	450	450
450	475	475	475
475	500	500	500
500	525	525	525
525	550	550	550
550	575	575	575
575	600	600	600
600	625	625	625
625	650	650	650
650	675	675	675
675	700	700	700
700	725	725	725
725	750	750	750
750	775	775	775
775	800	800	800
800	825	825	825
825	850	850	850
850	875	875	875
875	900	900	900
900	925	925	925
925	950	950	950
950	975	975	975
975	1000	1000	1000
1000	1025	1025	1025
1025	1050	1050	1050
1050	1075	1075	1075
1075	1100	1100	1100
1100	1125	1125	1125
1125	1150	1150	1150
1150	1175	1175	1175
1175	1200	1200	1200
1200	1225	1225	1225
1225	1250	1250	1250
1250	1275	1275	1275
1275	1300	1300	1300
1300	1325	1325	1325
1325	1350	1350	1350
1350	1375	1375	1375
1375	1400	1400	1400
1400	1425	1425	1425
1425	1450	1450	1450
1450	1475	1475	1475
1475	1500	1500	1500
1500	1525	1525	1525
1525	1550	1550	1550
1550	1575	1575	1575
1575	1600	1600	1600
1600	1625	1625	1625
1625	1650	1650	1650
1650	1675	1675	1675
1675	1700	1700	1700
1700	1725	1725	1725
1725	1750	1750	1750
1750	1775	1775	1775
1775	1800	1800	1800
1800	1825	1825	1825
1825	1850	1850	1850
1850	1875	1875	1875
1875	1900	1900	1900
1900	1925	1925	1925
1925	1950	1950	1950
1950	1975	1975	1975
1975	2000	2000	2000
2000	2025	2025	2025
2025	2050	2050	2050
2050	2075	2075	2075
2075	2100	2100	2100
2100	2125	2125	2125
2125	2150	2150	2150
2150	2175	2175	2175
2175	2200	2200	2200
2200	2225	2225	2225
2225	2250	2250	