

File - Father
LOG OF OIL OR GAS WELL

Las Cruces 062903

Company: Peckham & Clark, 612 City National Building, Wichita Falls, Texas

Field: Watkins

State: New Mexico

WELL: 1 Section 31, Township 18S., R. 32E., Meridian N.M.P.M. County: Lea

Location: 660' from North and 1980' fr East lines of section 31 Elevation: 3669

/s/ E. M. CLARK, Partner

Oil or gas sands: No. 1 from 4217' to 4252'

Tools Used from 0' to 4252'.

Production for the first 24 hours was 65 barrels of fluid of which 100% was oil.

Gravity 27

FORMATION RECORD

<u>FROM</u>	<u>TO</u>	<u>TOTAL FEET</u>	<u>FORMATION</u>
0	10	10	Sand
10	18	8	Caliche
18	30	12	Sand
30	90	60	Red rock
90	115	25	Red sandy shale
115	160	45	Red sandy shale
160	225	65	Gray shale
225	275	50	Red rock
275	385	110	Red rock
385	405	20	Red sand
405	425	15	Red Rock
425	435	10	Sand
435	465	30	Red rock
465	490	25	Sand
490	545	55	Red sandy shale
545	665	40	Red rock
665	700	35	Red rock, sandy
700	770	70	Red rock
770	830	60	Red shale
830	990	160	Red rock
990	995	5	Salt
995	998	3	Anhydrite
998	1015	17	Red rock
1015	1045	30	Anhydrite
1045	1065	20	Salt
1065	1145	80	Anhydrite
1145	1180	35	Salt
1180	1190	10	Salt red rock
1190	1200	10	Salt potash
1200	1225	25	Anhydrite
1225	1255	30	Salt
1255	1280	25	Red rock
1280	1290	10	Anhydrite

Handwritten signature

CONFIDENTIAL

Page 1 of 1

Subject: [Illegible] Date: [Illegible]

Reference: [Illegible]

Remarks: [Illegible]

Signature: [Illegible]

Date: [Illegible]

Location: [Illegible]

Remarks: [Illegible]

Signature: [Illegible]

Date: [Illegible]

CONFIDENTIAL

Item	Quantity	Unit	Value
1. [Illegible]	10	kg	100
2. [Illegible]	20	kg	200
3. [Illegible]	30	kg	300
4. [Illegible]	40	kg	400
5. [Illegible]	50	kg	500
6. [Illegible]	60	kg	600
7. [Illegible]	70	kg	700
8. [Illegible]	80	kg	800
9. [Illegible]	90	kg	900
10. [Illegible]	100	kg	1000
11. [Illegible]	110	kg	1100
12. [Illegible]	120	kg	1200
13. [Illegible]	130	kg	1300
14. [Illegible]	140	kg	1400
15. [Illegible]	150	kg	1500
16. [Illegible]	160	kg	1600
17. [Illegible]	170	kg	1700
18. [Illegible]	180	kg	1800
19. [Illegible]	190	kg	1900
20. [Illegible]	200	kg	2000
21. [Illegible]	210	kg	2100
22. [Illegible]	220	kg	2200
23. [Illegible]	230	kg	2300
24. [Illegible]	240	kg	2400
25. [Illegible]	250	kg	2500
26. [Illegible]	260	kg	2600
27. [Illegible]	270	kg	2700
28. [Illegible]	280	kg	2800
29. [Illegible]	290	kg	2900
30. [Illegible]	300	kg	3000
31. [Illegible]	310	kg	3100
32. [Illegible]	320	kg	3200
33. [Illegible]	330	kg	3300
34. [Illegible]	340	kg	3400
35. [Illegible]	350	kg	3500
36. [Illegible]	360	kg	3600
37. [Illegible]	370	kg	3700
38. [Illegible]	380	kg	3800
39. [Illegible]	390	kg	3900
40. [Illegible]	400	kg	4000
41. [Illegible]	410	kg	4100
42. [Illegible]	420	kg	4200
43. [Illegible]	430	kg	4300
44. [Illegible]	440	kg	4400
45. [Illegible]	450	kg	4500
46. [Illegible]	460	kg	4600
47. [Illegible]	470	kg	4700
48. [Illegible]	480	kg	4800
49. [Illegible]	490	kg	4900
50. [Illegible]	500	kg	5000