

WELL REPORT

SHAR-ALAN OIL CORPORATION

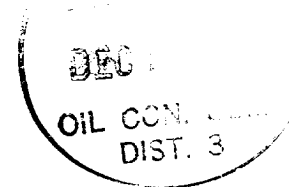
FERNANDEZ NO. 9

5

700 Feet FNL & 525 Feet FEL

Sec. 19, T14N, R7W, N.M.P.M.

McKinley County, New Mexico



WELL REPORT
Shar-Alan Oil Corporation
Fernandez No. 9
McKinley County, New Mexico

Location: 700' FNL & 525' FEL Sec. 19, T14N, R7W

Elevation: 6926 Ground Level; 6930 KB (Datum)

Contractor: Stewart Bros. Rig #27 WABCO 2000 Rotary

Spud Date: October 7, 1971

Completion Date: October 16, 1971 P & A

Total Depth: 2769' Driller; 2748' Welex K.B.
Note 15' drill collar lost in hole - not recovered.

Casing: Surface - 7 5/8" csa 40' Cem w/9sx

Plugging: Dakota 50' PWG 2750' to 2700' & 2450' to 2500'
Massive Gallup 150' plug 1630' to 1780', surfac. 850'-900'.
Landowner to run casing. Flowing fresh water from 600' to 850'.

Electrical

Surveys: Welex Induction-Electric Log 2742 to 40'
Gamma Ray-Density 2738' to 1600'.

Test Data: DST #1 2146'-2200' - Recovered 150' drilling mud. Packer failed.
Re-test 2149-2200', packer failed.

FORMATION TOPS

<u>Formation Name</u>	<u>Depth KB Feet</u>	<u>KB Datum Feet</u>
Hospah Gallup	1560	+5370
Massive Gallup	1655	+5275
Middle Mancos	1755	+5175
Green Horn	2390	+4540
Graneros	2435	+4495
Dakota	2458	+4472
Dakota DE Zone	2657	+4273
Morrison	2745	+4185
Total Depth	2769	+4161

SAMPLE DESCRIPTION
(Tops are Log Tops)

Hospah Gallup 1560'

1560-1600' Sh, lt gry 70%, sltstn 30%
1600-1620' Sh, as above 50%, sltstn 30%, ss 20%
1620-1640' Ss, fn gr. lt gry, well sorted p-cons 60%, sh 40%
1640-1660' Section as above, Sh 70%, ss 20%, sltstn 10%

Massive Gallup 1655'

1660-1690' Ss, lt gry, med gr. well sorted p-cons 40%, sh 60%
1690-1760' Ss, as above 80% sh 20%

Middle Mancos 1755'

1760-1820' Sh, lt gry to dark gry 80%, ss 20%
1820-1860' Sh 70%, sltstn 20%, ss 10%
1860-2140' Sh 60%, sltstn 30% w/scattered atz xls. Some purite
2140-60' Ss, lt gry, med gr. well cons. w/stn & wt 30%, sh 70%
2160-2200' Ss, 10%, sh 90%
2200-2390' Sh 90%, ss 10% w/purite xls.

Top of Greenhorn 2390'

2390-2450' Sh 80%, sltstn 20%

Top of Graneros 2435'

2450-2480' Sh, dark gry 90%, sltstn 10%, trace of hard ss.

Top of Dakota 2458'

2480-2500' Ss, lt gry, well cons, 40%, Sh lt gry glauconitic 30%
dark gry sh 30%.
2500-40' Section as above w/ss 30%, sh 70%
2540-2660' Sh 90%, ss 10%.

Top of Dakota DE Zone 2657'

2660-2750' Ss, lt gry, med. gr. well sorted p-cons 40%, dark gry sh 40%
sltstn 20%, some calcite xls.

Top of Morrison 2745'

2750-2769' Poor samples. lt green sh 2750' T.D. 2769.

SUMMARY

The Fernandez No. 9 had an oil show with fluorescence and cut in the samples over the interval 2140' to 2160'. This was apparently a poorly developed sand section in the Middle Mancos shale. The attempt to test this zone were inconclusive. However, electric log examination indicated no commercial hydrocarbons present.

The well was plugged back to 850 feet and turned over to the land-owner for completion as a water well. A water flow of approximately 50 GPM was encountered between the interval 600' to 850'. Subsequent drilling shut off this water flow.

Walter H. Williams
Walter H. Williams

DRILLING TIME - MINUTES PER FIVE FEET

SHAR-ALAN - FERNANDEZ No 9

MS KINLEY CO. NEW MEXICO

DEPTH	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	
0-100													3	3	2	2	2	3	3	7	3
100-200	4	2	2	2	4	2	2	2	6	2	3	3	3	4	2	2	7	8	2	2	
200-300	3	3	3	3	7	3	2	2	2	2	2	2	3	4	4	3	3	6	6		
300-400	5	6	4	2	3	2	3	5	11	4	3	3	3	3	4	3	4	3	3	3	
400-500	4	2	5	3	4	3	5	4	3	3	3	2	3	2	2	2	2	2	2	2	
500-600	3	4	8	4	10	3	2	3	3	2	3	2	2	2	4	3	4	7	7	5	
600-700	4	6	20	3	3	3	3	3	4	3	4	3	3	3	3	5	6	4	4	4	
700-800	3	3	3	3	2	3	3	4	5	5	6	4	4	4	4	4	7	7	3	3	
800-900	3	3	3	3	5	4	5	6	6	4	5	4	4	4	5	4	7	7	3	3	
900-1000	7	6	6	3	5	3	4	6	3	2	4	4	4	9	5	6	7	5	3	3	
1000-1100	4	5	3	3	2	2	2	2	2	2	2	3	2	2	3	5	9	4	3	3	
1100-1200	2	4	4	4	5	3	7	8	9	9	10	11	8	10	12	10	9	10	8	9	
1200-1300	9	8	10	10	10	10	9	9	8	12	10	11	-	-	-	5	5	4	4	5	
1300-1400	4	4	4	4	3	4	5	4	6	7	7	5	6	9	6	5	6	6	7	7	
1400-1500	8	10	6	6	5	6	8	8	6	9	7	11	13	8	13	15	13	13	13	11	
1500-1600	15	12	12	9	16	12	12	11	8	8	9	9	9	10	9	12	11	9	8	7	
1600-1700	6	13	8	10	7	6	6	9	8	6	9	8	10	5	6	8	4	5	4	4	
1700-1800	3	3	4	3	4	4	3	3	4	6	7	8	7	9	8	7	10	8	8	-	
1800-1900	-	14	14	16	16	17	15	16	12	9	12	15	15	15	15	16	16	14	13	20	
1900-2000	16	16	19	19	11	11	12	13	13	12	10	8	9	9	11	10	10	11	12	12	
2000-2100	13	10	11	11	11	14	12	11	11	18	13	13	9	10	12	12	12	12	10	10	
2100-2200	10	10	7	12	13	12	12	8	8	8	6	8	11	10	8	7	7	8	6	8	
2200-2300	7	12	13	9	9	8	8	9	9	7	8	9	8	8	9	10	12	14	13	12	
2300-2400	13	9	10	10	-	11	11	12	11	7	11	11	7	9	8	8	11	10	10	18	
2400-2500	13	16	16	13	21	15	20	18	10	17	23	17	16	21	21	19	22	16	18	23	
2500-2600	20	25	23	20	22	27	17	26	33	27	29	33	25	24	27	28	29	25	19	15	
2600-2700	20	20	18	24	24	22	21	14	38	42	31	32	23	17	16	16	16	16	18	19	
2700-2800	25	27	23	25	31	27	25	30	32	34	58	44	57	TD 2765' (GL)							