

WELL REPORT

SHAR-ALAN OIL CORPORATION

FERNANDEZ NO. 6

1840 Feet FNL & 1980 Feet FWL
Sec. 29, T15N, R7W

McKinley County, New Mexico



WELL REPORT
Shar-Alan Oil Corporation
Fernandez No. 6
McKinley County, New Mexico

Location: 1840' FNL & 1980' FWL Sec. 29, T15N, R7W N.M.P.M.

Elevation: 6662' Ground Level, 6666' KB (Datum)

Contractor: Stewart Bros., Rig #24, WABCO 2000 Rotary

Spud Date: October 14, 1971

Completion Date: October 20, 1971 P & A

Total Depth: 2437' Driller, 2429' Welex K.B.

Casing: Surface 7 5/8" csa 38', Cem w/9sx

Plugging: Dakota 50' plug 2437' to 2387' & 2190' to 2240'
100' plug 1380-1480'. Base of Massive Gallup. Landowner ran casing,
completed as water well. Flowing from Gallup.

Electrical

Surveys: Welex Induction-Electric Log 2423' to 38'
Gamma Ray-Density 2428' to 2020'

Test Data: DST #1 2206-25'. Tool open 20 min. pre-flow, SI 30 min., open 36 min.
on second flow, shut-in 19 min. final. Good blow immediately, decreased
to fair blow in 20 min. Second flow died in 30 min. Recovered 830' mud
and 1370' fresh water. IHP 958 psig, IFP 287 to 650 psig, ISIP 816 psig,
2nd flw. 658 to 897 psig. FSIP 816 psig.

FORMATION TOPS

<u>Formation Name</u>	<u>Depth-KB Feet</u>	<u>KB Datum Feet</u>
Hospah Gallup	1155	+5511
Massive Gallup	1260	+5406
Middle Mancos	1372	+5294
Greenhorn	2000	+4666
Graneros	2056	+4610
Dakota	2080	+4586
Dakota DE Zone	2270	+4396
Morrison	2380	+4286
Total Depth	2437	+4229

SAMPLE DESCRIPTION
(Tops are Log Tops)

Greenhorn 2000'

2000'-70 Sh. dark gry 80%, ss 10%, sltstn 10%

Graneros 2056'

2070-90 Sh. aa 90%, sltstn 10%

Dakota 2080'

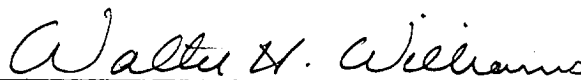
2090-2120' Sh. aa 50%, ss, lt gry, med gr p to w-cons. No show 40% sltstn 10%
2120-40 Sh. aa 40%, ss aa 40%, some lt gry sh & sltstn 20%
2140-2210' Sh, aa 80%, ss 10%, sltstn 10%
2210-2250' Ss, lt gry, p-cons med gr.60% sh aa 40%, No show.
2250-2280' sh aa 90%, ss 10%
2280-2320' Ss, lt gry, - cons med gr 70%, sh aa 30%, no show.
2320-2360' Section as above ss 40%, sh 60%, some coal in bottom of section.
Abundant white sltstn in bottom of section.
2360-2390' Section as above, increase in sltstn to 40%.

Top of Morrison 2380'

2390-2400 Sh. lt gry to grn 40%, sh dark gry 40% ss 10%
2400-2437 T.D. ss, white, med gr. p-cons 70%, sh aa 30%. No show.

SUMMARY

No shows of hydrocarbons was found in any of the prospective zones in the Fernandez No. 6 well. Analysis of the electric log and results of a drill stem test of the Dakota also were negative. The well was plugged back to 1380', base of the Massive Gallup sand and turned over to the landowner for completion as a flowing fresh water well.


Walter H. Williams

DRILLING TIME - MINUTES PER FIVE FEET

SHAR-ALAN - FERNANDEZ No 6

MS KINLEY CO. NEW MEXICO

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