

# INVEST OIL CORPORATION

1500 WACO BUILDING  
AUG 11 7 43 AM '67

MIDLAND, TEXAS

July 13, 1967

GENERAL OFFICES  
1700 BROADWAY  
DENVER 2, COLORADO

DIVISION OFFICE  
1200 CONTINENTAL NATIONAL  
BANK BUILDING  
FORT WORTH 2, TEXAS

Commissioner of Public Lands  
State Land Office Bldg.  
Santa Fe, New Mexico

Attn; Mr. Graham

Dear Sir:

Progress and Status Report on Nine Ranch Well #1

Location: 660' FNL and 660' FWL of Section 20, T-10-S, R-33-E, Lea County, New Mexico

TD 10,200' and PBD 4,506'

3-18-67: Drilling commenced - 13 3/8" Spiralweld casing was set at 359 with 350 sax of Class "A" cement with 2% cc. 8 5/8" casing was set at 4,000' with 250 sax of Class "C" cement and 200 sax of Class "A" with 2% cc.

3-29-67: Core #1 - 4317-4367 (San Andres) Recovered 41' being - 12' anhy dolo - NS; 2' lam shale - NS; 16' anhy; 4' dns dolo with anhy ic incl - NS; 7' dns anhy and lmy dolo hrln frac with bldg oil.

Core #2 - 4367-4417 (San Andres) Recovered 35' being - 5' dns anhy and lmy dolo hrln frac and bldg oil; 30' dolo with scettd anhy incl - gd ppp vert frac - bldg oil thout - sulphur odor - some slt wtr in btm 4'.

Core #3 - 4417-4451 (San Andres) Recovered 30' being - 25' dolo with scettd anhy incl - ppp - vert frac and bldg oil and wtr; 5' lime - NS.

DST #1 - 4366-4451 (San Andres) Tool open 2 hrs 15 min. Fair blow thout Recovered 640' DM; 800' sulf wtr. IFP 203, FFP 626, 45 min ISIP 1547, 90 min FSIP 1430 - HP 1914-1914.

4-16-67: DST #2 - 9541-9568 (Penn) - 5 min pre flow with wk blow. Tool open 48 min, no blow for 30 min, by passed tool with no blow. Recovered 10' DM; IFP 51, FFP 63, 60 min ISIP 76, 65 min FSIP 63, HP 5059-5059.

4-21-67: Reached TD 10,200'.

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4-23-67: Ran 5½" casing and Bash Ross plain type liner hanger. Casing set at 4,506' with liner in 8 5/8" casing at 3,684'. Cemented with 145 sax Incor with 10# salt per sax and 750 gals. CW7 chemical wash ahead of cement.

4-25-67: Went in hole with 4 3/4" bit and drlg cement from 4,250-4,425. Tested liner and casing to 1500 psi. Held O.K.

4-26-67: Perfs - 4,378-4,384 with 1 shot per foot with 14 gram charge. Swabbed 51.17 BLO. Corrected top of liner 3,650', bottom 4,476'. PBTD inside liner 4,437'. Continued swabbing, swabbed 77 BFW in 24 hrs.

4-27 to 5-1-67: Released swabbing unit - installed pump unit.

5-3-67: Started pumping.

The well has been pumping every day with no delays. It is now pumping an average of 2 BO and 22 BW in 24 hrs. We will continue to pump the well and will determine in the near future whether additional acid or frac will help the productivity.

Yours very truly,

MIDWEST OIL CORPORATION

C. F. Qualia  
District Production Supt.

CFQ/csn