

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

OFFICE O. C. C.

(Submit to appropriate District Office as per Commission Rule 155)

AUG 8 2 55 PM '64

Name of Company Sun Oil Company		Address Box 2792, Odessa, Texas			
Lease State of New Mexico "D"	Well No. 1	Unit Letter F	Section 19	Township T 17 S	Range R 36 E
Date Work Performed	Pool Undesignated	County Lee			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☒ Other (Explain):
☐ Plugging ☐ Remedial Work

Progress Report

Detailed account of work done, nature and quantity of materials used, and results obtained.

See attachment.

Witnessed by N. J. Keith	Position Foreman	Company Sun Oil Company
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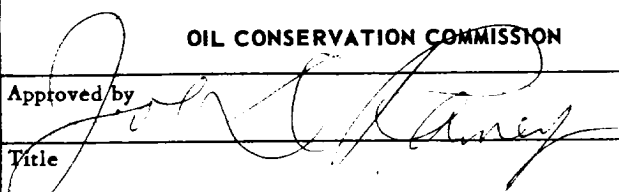
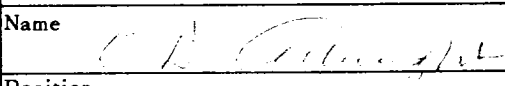
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name 		
Title	Position Area Superintendent		
Date AUG 8 1964	Company Sun Oil Company		

AUG 6 2 55 PM '64

Sun Oil Company's - State of N. M. "D" #1

7-17-64 - McCollough perf. 4½" casing 8842-49 and 8860-65 with 2/JSFF with radar charge in 8842 and 8865. Ran 2" tubing. Swab acid and load water. Dowell treated perfs. 8842-49 and 8860-65 with 1500 gal. BDA acid, wash perfs. w/1 bbl. stage, 1/2 hr. soaking time for 5 hours. Set packer. Communication when 8 bbl. acid had been put in formation. 7-18-64 - swabbing acid and load water. Ran swab hourly. Rec. 17 bbls. acid and load water, 4 bbls. oil in 5 hours. 7-23-64 - Core #1 - 8889 to 8905 - cut 6', rec. 6' - grey dolomite w/vertical fractures, pp porosity, bleeding slight amount oil from tight fractures. Core #2 - 8905 to 8915, cut 10', rec. 10' - 2' dolo. w/thin shale partings, pp porosity, 8' grey dolo. w/ pp porosity and vertical fractures. 8908 to 8910 and 8913 to 8915, bleeding small amount of oil and water. Core #3 - 8916 to 8927 - cut 11', rec. 11' of grey micro crystalline to finely crystalline anhydritic dolomite w/scattered thin shale partings and scattered pp porosity - no show. Core #4 - 8927 to 8937 - cut 10', rec. 10', scattered grey micro crystalline to finely crystalline, very anhydritic dolo. w/scattered pp porosity - no show. Core #5 - 8937 to 8951, cut 14', rec. 14', grey micro cryst. dense anhydritic dolo., fair fissure cast porosity from 8936½ to 8941. Black shale from 8945 to 8945½ - no show of oil or gas. Core #6 - 8951 to 8964 - cut 13', rec. 13' dense crystalline dolomite w/fine vugular pp porosity from 8955½ to 8959 - no show. 8959 to 8964 - anhy - no show. Core #7 - 8964-70, cut 6', rec. 5' - top 2' anhy. rest dolomite w/small vugs from 8965 to 69 - no show of oil or gas. DST #5 - 8895 to 8970 - 5/8" x 1¼" choke - good blow decrease to very weak blow. Tool open 14 hours 40 min. Swabbed - in 12 hours, 12 bbls. fluid. Checked sample - 24% oil, 34% wtr - 22% gas. 7-31-64 - Core #8 - 8970-81, cut 11', rec. 11'. 11' dolomite w/few scattered vugs, no show. Core #9 - 8981-8995 - cut 14', rec. 14', Core #10 - 8995-9001 - cut 6', rec. 6', Core #11 - 8001-8015, cut 14', rec. 13'. Cores #9-10-11 - grey micro crystalline slightly anhydritic dolo. very scattered pp porosity, very scattered zones of fine vuggy poro. no show. Core #12 - 9015-9026 - cut 11', rec. 11'. Dolo. slightly anhydritic w/slightly pp porosity and few vertical fractures bleeding very small amount sulphur water w/dead oil show in some fractures. Core #13 - 9026-9037, cut 11', rec. 11' - dolo. dense and tite bottom, 2' very anhydritic scattered pp porosity - no show. Core #14 - 9038-9053 - cut 15', rec. 15', grey micro XLN dense anhydritic and shaley dolo. very scattered pp porosity - no show. Core #15 - 9083-9071 - cut 18', rec. 18' - 3' dolo. w/scattered pp porosity. 4' dolo. w/small vugs fair poro. 5' dolo. w/scattered pp porosity. 6' dense dolo. w/anhydritic inclusions - no show oil or gas. Core #16 - 9071-9082 - cut 11', rec. 11' - 2' dolo. w/scattered pp porosity, 3' dense dolo. 3' dolo. w/scattered pp porosity and streaks of anhy. 3' dolo. w/scattered pp porosity - no show. 8-4-64 - DST #6 - 8910-9082 - 5/8" x 1" chokes, tool open for 3 min. - weak to strong blow. Attempting to get initial shut in press. Gas to surface in 30 min. Left tool open 10 3/4 hours on 1" choke, had gas flow throughout test. No fluid to surface. Shut in for final shut in pressure. DST #6 - rerun - 8920-9082 - 5/8" x 1" chokes. Tool open 3 min. One hour ISIP 2679#. Tool open 10 hrs and 45 min. ending 6:45 a.m. 8-5-64. 2 hr. PSIP 2622#. Gas to surface in 30 minutes. Weak blow of gas for 10 hours and 15 min. Surface press. 0#. No fluid to surface. Initial flowing press. 344#, final flowing press. 108#. Hyd. in 4194, out 4137. Max temp. 141°F at 9080'. Rec. 180' oil, gravity 356, corrected. 540' oil and gas cut mud, est. 5% oil, 1500' salty sulphur water. Chl. on wtr., 28000 ppm. Preparing to temporarily plug and abandon.

