

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE O. C. C.

(Submit to appropriate District Office as per Commission Rule)

JUN 23 10 44 AM '64

Name of Company Sun Oil Company		Address Box 2792, Odessa, Texas					
Lease State of New Mexico "D"	Well No. 1	Unit F	Section 19	Township T 175	Range R 36E		
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.

6-12-64 - Core #2 - 8758-8809 - Cut 51' - Recovered 51' medium crystalline, dense dolomite w/scattered small pin point porosity slightly bleeding oil & gas.
6-13-64 - DST #1 - 8700-8809, 5/8" x 1" choke, 30 min. ISIP - 1138#. Tool open 1 1/2 hrs., good blow through test. Gas to surface 1 hr. 19 minutes. Recovered 290' black salt water w/heavy gas cut, trace black oil, 290' black salt water, heavy gas cut, w/trace dark green oil, 90' black oily salt water, 1 hr. FSIP 1095#. HPO 130 Cl 130 Mud wt. 4296 Temp 134° F.
6-14-64 - Core #3 - 8809-8849 - Cut 40' - Recovered 38'. 38' Gray medium crystalline, dense Dolomite, scattered fine Fractures & pin point porosity.
6-15-64 - DST #2 - 8809-8849 - 5/8" x 1" choke. Tool open 2 hrs. Strong blow to decrease fair blow at end of test - Gas to surface 58 min. Recovered 120' of black salt water slightly gas cut, good trace of oil, 180' black salt water heavy gas cut w/increase in oil. 180' heavy gas cut wtr w/green oil est. 50% to 75% oil. 1 Hr. ISIP 2391, HPO 87#, Cl 175#. 1 Hr. ISIP 2218 mud wt. In & out 4274, Temp. 132° F, Gravity 38 API.

Please see attached sheets for continuation

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

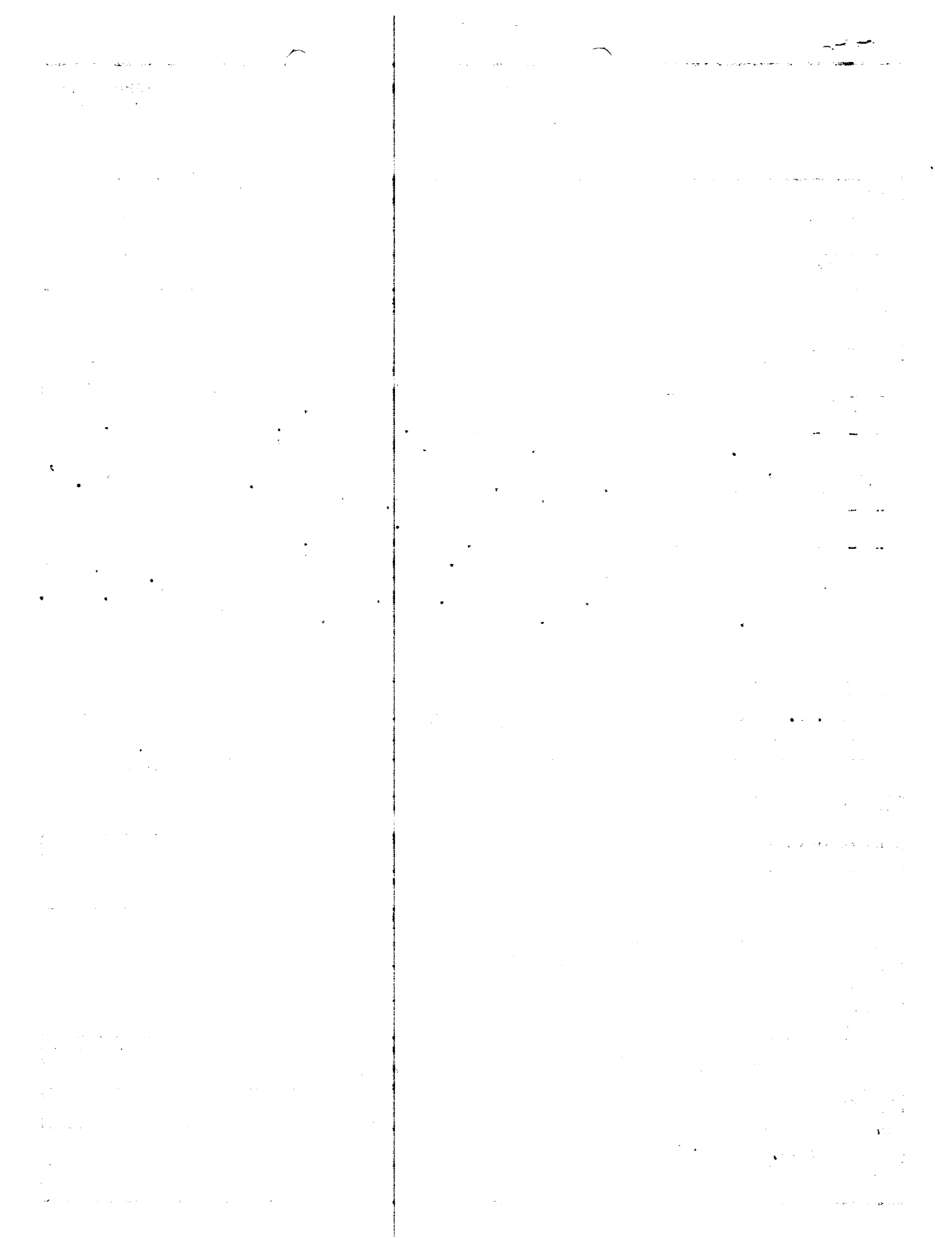
ORIGINAL WELL DATA

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. <i>[Signature]</i>	
Approved by <i>[Signature]</i>	Name Area Superintendent		
Title Engineer District #	Position Sun Oil Company		
Date JUN 23 1964	Company		



6-16-64 - Core #4 - 8849-8869 - Cut 20' - Recovered 20' - 3½' grey medium crystalline dense anhy Dolomite w/pin porosity, slight bleeding oil. 16' grey dense dolomite, fine fractures throughout pin point porosity, 1/2' slight bleeding oil.

6-16-64 - Core #5 - 8869-8883 - Cut 14' - Recovered 14' - 6½' grey micro, dense anhy. Dolomite w/scattered pin point porosity. Very scattered frac. slight bleeding oil. 4½' grey medium crystalline, dense dolomite, no show. 3' grey medium crystalline, dense dolomite, scattered pin point porosity, very slight bleeding oil & water.

6-17-64 - DST #3 - 8849-8883 - 5/8" x 1" choke - Tool open 2 hrs. & 10 mins. Strong to light blow end of test. Gas to surface 50 mins. Recovered top to bottom. 230' black salt water heavy gas cut w/increase in oil & gas, 180' green oil very small amount of water heavy gas cut, 1 hr. ISIP 2348, BHPO 87#, Cl 175#, 1 hr. F.S.I.P. 1786#. Mud wt. In & out - 4296, Temp. 134° F.

Core #6 - 8883-8898 - Cut 15' - Recovered 14'. 1' grey dense dolomite, no show. 13' grey dense dolomite, fine pin point porosity, bled oil & gas w/water.

6-18-64 - DST #4 - 8883-8898 - 5/8" x 1/2" choke, tool open 2 hrs. & 10 mins., light to strong blow for 7 minutes & decreased to fair blow in 25 mins. Fair blow throughout test. No gas to surface. Recovered 7290' gas in D.P., 120' black salt water very oily slightly gas cut. 90' oily wtr. & drlg. mud heavy gas cut. BHPO 0#, Cl 87#, 1 hr. ISIP 2216# - 1 hr. F.S.I.P. 2647#, mud wt. 42992, Gravity oil 38° API.

6-19-64 - PGAC ran Gamma Ray Log from 0 - 8902 T.D. (Drillers TD 8898). Ran Sonic Caliper log from 3187 - 8902, Caliper log from 3187 to 8902. Schlumberger ran Laterolog from 3200 - 8900'.

6-20-64 - Ran and cemented 106 jts. 4½" 10.50# 8R and 176 jts. 4½" 9.50# 8R casing. Cemented w/750 sks Incor/12% Gel and 200 sks Incor/4% Gel w/.75% CFR-2. Csg. seat 8898, Float Collar 8864. Tom Hansen ran temperature survey 0 - 8859, top of cement @ 3270'. WOC 24 hrs.

6-21-64 - Picked up 2" EUE Tbg, drilled cement plug & F.C. 8863' - 8891', circulate 2 hrs. off bottom. Tested csg. 1500# 30 minutes O.K. Released rig at 1:30 A.M. Texas Time 6-22-64. Prep to move in completion unit.

crystalline base with w/pin; crystals, sl.
dense below, the base throughout pin point
medium, [S] slight

[illegible]

6-17-64 - 10T 18 - 3000' - 5/8" x 1" choke - 100 ft. from bottom.
Stem to light blow end of stem. Gas to surface. Recovered top to bottom.
2301' black shale heavy. No increase in gas with increase in depth. Green oil very
small amount of water heavy and cut, 1 hr. ISH 2345, SHUT IN, 7:15 PM.

[illegible]

6-18-64 - 10:14 - 3273-97 - 3/20 x 1/32 chok ,
light to strong blue for 1' water & decreased to
throughout test. No gas to surface. Recovered 750' gas in D.I., 150' black calc
water very oily slightly less cont. 90' oily wtr. & trip. mud heavy gas out.
BHPG O., 32 SW, 1 sec. 100' 3273 - 1 hr. F.S.T.V. 3273, and etc. 42992, intensity

6-19-64 - 8000 - 8000
Caliper log from 8000 - 8000
Interlog from 8000 - 8000

[illegible][illegible]