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U.S.G.S.

LAND OFFICE

TRANSPORTER

OIL

GAS

PRODUCTION OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103

(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company

Sunray Oil Company

Address

P. O. Box 128, Hobbs, New Mexico

Lease

State Land "15"

Well No.

5

Unit Letter

P

Section

16

Township

21S

Range

37E

Date Work Performed

10/30-11/19/62

Pool

Hare

County

Lee

THIS IS A REPORT OF: (Check appropriate block)

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

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

1. Moved in pulling unit. Pulled rods and pump. Install BOP's, pull tubing. Run Baker FB, tubing tester, and 2 7/8" tubing. Test tubing to 6000 psi and BOP's to 2000 psi.
2. Squeezed perfs from 7796-7838' to 6000 psi with 150 sz. Pull 2 7/8" tubing. WOC 18 hrs. Drilled cement from 7752-7849'. Tested casing to 2500 psi. Displaced water with oil.
3. Perforated Connell section 8086-89', 8099-8102' and 8105-08' w/2 bullets/ft. Washed perfs w/250 gallons mud acid. Sand fraced perfs w/20,000 gallons gelled lease oil, 20,000# sand using 14 RBS. MP- 7600 psi; AIR 10.1 BPM; ISIP 4200 psi.
4. Reversed out sand. Run 2 7/8" tubing, pump, rods and put well on production.

Witnessed by

R. E. Statton

Position

District Engineer

Company

Sunray Oil Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	TD	P BTD	Producing Interval	Completion Date
3445'	8259'	8143'	7796-7838'	

Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth
2 7/8" OD	7418'	5 1/2" OD	8259'

Perforated Interval(s)

7796-7838'

Open Hole Interval

None

Producing Formation(s)

Haley

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	Not Open					
After Workover	11/19/62	Dry				

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

Date

Company

Sunray Oil Company

SANTA FE

FILE

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LAND OFFICE

TRANSPORTER

OIL
GAS

PRORATION OFFICE

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company

Sumray Oil Company

Address

Box 128, Hobbs, New Mexico

Lease Land "15"

Well No.

5

Unit Letter

P

Section

16

Township

21S

Range

37E

Base Work Done

Pool

Undesignated (Wants Abo)

County

Lea

THIS IS A REPORT OF: (Check appropriate block)

☐ Beginning Drilling Operations

☒ Casing Test and Cement Job

☒ Other (Explain):

☒ Plugging (Hare)

☐ Remedial Work

Recomplete in Abo

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

1. **Changed out pump plugged w/sand. Did not pump up. Lacked 519 bbls load oil on Hare (Connell) recompletion attempt.**
2. **Pulled rods and tbg. Set Baker CIBP @ 7750' and dumped 2 sz cmt on top CIBP to P&A Hare. Ran G-R Nuutron log. Loaded hole and tested csg and plug to 2000' 30 min OK. Perfd Abo sections between 6878-7227'.**
3. **Acidized all perfs w/500 gals M38. Reversed out spent acid. Set pkr and acidized all perfs w/10,000 gals EM38 and balls. Swab 58 BLO, 243 BNO, and 226 bbls formation wtr in 29 hrs, subg 25 BPH, 90% SW at end of test.**
4. **Ran pkr, retrievable BP, & collar locator. Swbd 98% SW from perfs below 7020 and subd dry from perfs above 6996'. Could not pump out perfs 7225-27' but got communications w/pkr set between perfs 7175-77' and 7188-7200'.**
5. **Set Model K retainer @ 7183'. Spot Formaseal across perfs above retainer. Squeeze cmt below stringers to top of retainer.**
6. **Put well on pump. Recovered all load plus 289 BNO. Then potential for 89 BO & 70 BSW/24 hrs on 10-74" SPH, 1 1/4" pump, OOR 620. Will continue testing before proceeding to dual with Hinebry oil.**

Witnessed by

Carl Robinson

Position

Field Foreman

Company

Sumray Oil Company

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. **3445'** T D **8259'** P B T D **8113'** * Producing Interval **8086-8108'** Completion Date **11/1/62** *

Tubing Diameter **2 7/8"** Tubing Depth **8100'** Oil String Diameter **3 1/2"** Oil String Depth **8259'**

Former Water Interval **8086-8102' and 8105-08' (* Connell) (Original was McKee)**

Open Hole Interval **None**

Producing Formation(s)

Connell or Simpson

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	11-19-62	Dry				
After Workover	12-7-62	89	55	70	620	-

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

Date

Company

Sumray Oil Company