

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Sunray Mid-Continent Oil Co., 200 Petroleum Club Plaza Bldg., Farmington, N. M.  
(Address)

LEASE Harry Amargis WELL NO. 1 UNIT E S 33 T 30N R 15W  
DATE WORK PERFORMED 8-20-61 to 9-19-61 POOL Undesignated

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off  
☒ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☒ Other Completion Report

Detailed account of work done, nature and quantity of materials used and results obtained.  
A 12 $\frac{1}{4}$ " hole was spudded 4:30 A.M. 8-20-61 and drilled to 171'. 8 5/8" 24# J-55 CF&I casing set at 170' with 150 sx neat cement plus 2% cacl<sub>2</sub>. Cement circulated, WOC 24 hrs, tested csg. to 1000# for 30 min. Drilled 7 7/8" hole to 4327'. Core #1 4027'-4044', Core #2 4170'-4182'. Ran Schl. ES-Ind. & GR-Sonic logs, Schl. TD 4327'. Set 5 $\frac{1}{2}$ " OD 14# J-55 Spang Seamless Casing at 4329' w/100 sx reg. cement plus 4% gel & 100 sx neat cement on bottom. PBTB 4295'. Tested casing to 1000# for 30 min. Perf. 4160-66 Sch w/4 LW E bullets per ft. NS. Frac 4160-66 w/20,000 gal. oil plus 20,000# 20-40 mesh sd., spearhead w/250 gal. BDA. Set Baker CI Bridge Plug 4152' Sch. Perf w/LW E gun 4112'-4119', 4121'-4132', Schl. w/5 shots per ft, dumped 250 gal BDA, frac perfs. w/13,600 gal crude & 18,900# sd. well balled off, fraced well w/11,000 gal & 11,000# sd., well sanded off, CO to PBTB 4152', swab well, PB to 4096 w/ frac sand. Perf. 4069-73, 4075-84, 4088-94, Schl. w/4 ballets /ft. Frac w/12,000 gal. oil plus 10,000# 20-40 mesh. sd. Perf. 4060-67, Schl. w/ 4 holes /ft., frac w/10,000 gal. gelled crude & 5,000# 20-40 mesh. sd. wash sd. to 4150', set 2 3/8" OD J-55 4.7# EUE tbg. at 4066'. Swab well in. Flow back all load oil. 24 hr. potential test, flow 16 bbls. new oil, plus 12 pct. wtr., GOR 6200, FCP 620# FTP 200#. Well complete.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

BEFORE

AFTER

Date of Test \_\_\_\_\_  
Oil Production, bbls. per day \_\_\_\_\_  
Gas Production, Mcf per day \_\_\_\_\_  
Water Production, bbls. per day \_\_\_\_\_  
Gas-Oil Ratio, cu. ft. per bbl. \_\_\_\_\_  
Gas Well Potential, Mcf per day \_\_\_\_\_  
Witnessed by \_\_\_\_\_



_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

(Company)

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name \_\_\_\_\_  
Title PETROLEUM ENGINEER DIST. NO. 3  
Date OCT 13 1961

Name W. A. Stewart  
Position Engineer  
Company Sunray Mid-Continent Oil Company