

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
LC 063925

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mulcock Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Square Lake, C. S. A.

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREAUnit K, Sec. 25,
T16S, R30E, NMPM12. COUNTY OR
PARISH

Eddy

13. STATE

N. M.

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

SEP 29 1967

2. NAME OF OPERATOR

Ryder Scott Management Company

D. C. C.

ARTESIA, OFFICE

3. ADDRESS OF OPERATOR

922 - 8th Street, Wichita Falls, Texas 76301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2310' FWL, 1650' FSL, Sec. 25, T16S, R30E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

8-6-67

16. DATE T.D. REACHED

8-17-67

17. DATE COMPL. (Ready to prod.)

9-17-67

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

KB 3813; GL 3805

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3200

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Premier & Lovington

2960-66; 2998-3006; 3028-40; 3131-71

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Acoustilog

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14"	40#	28'	18"	Circulated	none
8-5/8"	24#	748'	12-1/4"	150 sx	none
5-1/2"	14#	3200'	7-7/8"	250 sx	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
--					2-3/8"	3150'	--

31. PERFORATION RECORD (Interval, size and number)

4" holes

2960-66' 24 holes

2998-3006 32 holes

3028-40' 46 holes

3161-71 38 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2960-66	Frac with 10,000# sand
2998-3006	Frac with 10,000# sand
3028-40	Frac with 10,000# sand
3161-71	Frac with 10,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION 9-17-67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump - 2" X 1-1/2" X 16'				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 9-19-67	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 5	GAS—MCF. TST	WATER—BBL. 55	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

Deviation Survey, Acoustilog, USGS Form 9331

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

James S. Halsey

TITLE

DATE

9/27/67

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Premier	2960'	3040'	Fine grain sand - show of oil	Grayburg	2732'	2731.2'
Lovington	3160'	3170'	Fine grain sand - show of oil	San Andres	3042'	3041.0'
			No Cores Taken			