

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

approved.
Bureau No. 42-28555.

5. LEASE DESIGNATION AND SERIAL NO.
NM 07781

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

H. J. Loe - Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Square Lake

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

C-30, 16-S, 31-E

12. COUNTY OR PARISH
Eddy

13. STATE
N. M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

3. NAME OF OPERATOR

Ryder Scott Management Company

4. ADDRESS OF OPERATOR

922 - 8th St., Wichita Falls, Texas

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

At surface Unit Letter C; 330' FNL, 1995' FWL, Sec. 30, 16-S, 31-E, Eddy County, N. M.

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

16. DATE T.D. REACHED

2/28/65

3/20/65

18. ELEVATIONS (SP. RKB, RT. GR, ETC.)*
3849 RKB (used as reference)

19. ELEV. CASINGHEAD

3841

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

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

3275' MD

3275' 6" TVD

-

-

0-3275'

-

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

3037-42' Primer in the Grayburg formation

3080-85'

3218-30' Lovington in the San Andres formation

25. WAS DIRECTIONAL SURVEY MADE

No

26. WERE ELECTRIC AND OTHER LOGS RUN

Sonic Log-Gamma Ray

27. WAS WELL CORED

Yes (3042'-3099')

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13"	48#	0'-30'	15"	20 sx to surface. From	None
5-1/2"	15#	0'-536'	7-7/8"	TD up hole 150 sx w/4%	"
5-1/2"	14.4#	536'-3242'	7-7/8"	gel followed w/100 sx reg.	"
5-1/2"	15#	3242'-3274'	7-7/8"	neat. Spotted 50 sx reg. neat.	"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-1/2"	3188'	

31. PERFORATION RECORD (Interval, size and number)

3037-42', 1/2", 26 holes
3080-85', 1/2", 23 holes
3218-30', 1/2", 59 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3037-42'	5000# 20-40 sd. 5000 gal. slick water
3080-85'	5000# 20-40 sd. " " " "
3218-30'	9000# 20-40 sd. 9000 " " " "

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/27/65		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/29/65	24	on pump	→	25	1.00	50 *	44
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→				37-1/2	

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

Used for fuel

35. LIST OF ATTACHMENTS

Deviation Tests & core analysis

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

SIGNED *Donald L. May*

TITLE *U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO*

TEST WITNESSED BY
D. W. Jordan

DATE April 15, 1965

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

* Mostly water from the fracture treatment.

General: This form is designed for submitting a complete and correct self-competition report that is required by the agency or the contractor, for both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions are found in the agency or contractor's Request for Proposal (RFP) or contract. The form is to be submitted to the local, area, or regional prescriber and provider, either electronically or with a hard copy, by the deadline of the RFP and/or State office. See instructions on items 22 and 23, and 25, below regarding separate reporting and joint competition.

If not filed prior to the time this summary record is submitted, copies of all currently available (i.e., all type, 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 5b.

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.

Key 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other figures on this form and in any attachments.

fields 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), we 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 22. *Is not a separate report* (or *no*) 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. (See instruction for items 22 and 24 above.)

47. SUMMARY OF FORTU'S ZONES:						
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL INTERVALS; AND ALL DRILL-STEM TESTS, LOGGING DEPTH INTERVAL TESTED, CUSHION PRESS, TIME TOOL OPEN, FLOWING AND SHUT IN PRESSURES, AND DEVIATIONS.						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	NEAR. DEPTH	TRUE VERT. DEPTH
Grayburg	3037	3042	Fine grain sd. w/oil & water	Grayburg	2792'	same
Grayburg	3080	3085	" " " w/oil	San Andres	3127'	same
San Andres	3218	3230	" " " w/oil			