

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL ☐ GAS ☐  
WELL ☐ WELL ☒ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION:  
NEW ☐ WORK ☐ DEEP- ☐ PLUG ☐ DIFF. ☐  
WELL ☐ OVER ☒ EN ☐ BACK ☐ RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR

Read & Stevens

3. ADDRESS OF OPERATOR

P.O. Box 1518, Roswell, NM 88201

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

At surface 1839' FSL and 680' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-56264

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NORTH LEA FEDERAL

9. WELL NO.

1-Y

10. FIELD AND POOL, OR WILDCAT

North Lea Morrow Penn

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

Sec. 10-20S-34E

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED

2-6-85

16. DATE T.D. REACHED

4-25-85

17. DATE COMPL. (Ready to prod.)

5-20-85

18. DATE OF TEST (RKR, RT, GR, ETC.)\*

5-19-86

19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD&TVI

13,830'

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

13,748.85'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS ROTARY TOOLS CABLE TOOLS

DRILLED BY 0' - 13,830'

24. PRODUCING INTERVAL(S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVI)

12,994'-13,246' MORROW

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR, FDC, CNL, MLL, DLL, Caliper, Sonic

HOBBS, NEW MEXICO

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
20"	94#	520'	26"	700sx HLC, 300sx Class "C"	Circ
13 3/8"	68# 61#, 54.5#	3,200'	17 1/2"	300sx HLX, 300sx Class "C"	Circ
9 5/8"	47#	5,120'	12 1/4"	250sx HLC, 300sx Class "C"	Circ
7"	29#	13,830'	8 1/2"	100sx 50/50 Pozmix, 675sx Pozmix	TOC @ 10,010'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	12,910'	12,881'

31. PERFORATION RECORD (Interval, size and number)

12,994'-13,002', 13,034'-13,056', 13,069'-13,086',  
13,094'-13,100', 13,124'-13,140', 13,238'-13,246',  
4 shots/interval, total of 314 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,998'-13,156'	Acidize with 8,000 gals 7 1/2% Morrow flow acid with 30% CO2

33.\* PRODUCTION

DATE FIRST PRODUCTION 5-20-85 PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
5-16-86	4hrs	6/64 to 12/64	168	28	272.8	0	9.682 MCF/BBL
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)	
4007	-	168	168	6536 CMOF	0	56	

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

Sold

ACCEPTED FOR RECORD

TEST WITNESSED BY

Darrell Lowder

35. LIST OF ATTACHMENTS

4-Point Test

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

SIGNED *[Signature]*

TITLE Drilling & Production Manager

DATE May 19, 1986

# 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 33, 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	TRUE VERT. DEPTH
Morrow	12,995'	13,246'	Pay Zones - Gas and Condensate	Morrow	12,806'	
DST #1	8,150'	8,240'	Open Tool: 30-60-60-120; 1st flw- 43psi, 1st SI - 286.6psi, 2nd flw- 57.4psi, 2nd SI - 642.7', rec'd 120' of drlg mud.			
DST #2	9,398'	9,457'	Open Tool: 30-60-60-120; 1st flw- 43.5psi, 1st SI - 87psi, 2nd flw- 43.5psi, 2nd SI - 87psi; rec'd 40' drlg mud.			
DST #3	10,076'	10,200'	Open Tool: 30-60-60-120; 1st flw- 21.6psi, 1st SI - 86.1psi, 2nd flw- 21.6psi, 2nd SI - 43.1psi; rec'd 5' drlg mud.			
DST #4	10,733'	10,900'	Open Tool: 30-60-60-120; 1st flw- 88.7psi, 1st SI - 177.7psi, 2nd flw- 88.7psi, 2nd SI - 221.8psi; rec'd 125' drlg mud.			