Form 9-330
(Rev. 5-63)

NMOCC - ARTESIA
NMOCC - HOBBS
BLM - SANTA FE

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*

5. LEASE DESIGNATION AND SERIAL NO.: NM 067707

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

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

8. FARM OR LEASE NAME: BARB-FEDERAL

9. WELL NO.: 1

2. NAME OF OPERATOR: JACK L. McCLELLAN

10. FIELD AND POOL, OR WILDCAT: WILDCAT

3. ADDRESS OF OPERATOR: P. O. Box 343, ROSWELL, NEW MEXICO

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 18-8S-31E

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 660' FNL & 1980' FWL
At top prod. interval reported below
At total depth

12. COUNTY OR PARISH: CHAVES
13. STATE: N. M.

14. PERMIT NO.	DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7/29/67	8/8/67		4137 KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3815	3809		→	0-3815	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: NONE

25. WAS DIRECTIONAL SURVEY MADE: YES

26. TYPE ELECTRIC AND OTHER LOGS RUN: GAMMA RAY-SIDEWALL NEUTRON, LATEROLOG & MICROLATEROLOG

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
8-5/8	23 LB.	371	12¼	210 CIRC.	
4½	10½ LB.	3815	7-7/8	250 SX	2700'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)
3637,94,3702,13,16,23,53,64,3772, 74,84 & 3788 (P1 ZONE) 3618,22,25, TO 35,37,38,46

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3637-3738	ACIDIZE W/2500 - 15%
3613-3646	" 1500 "
3687-3783	RE " 3000 28%

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		P&A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	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.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Jack L. McClellan TITLE OPERATOR DATE 9/22/67

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

ACCEPTED FOR RECORD
J. R. Luthel
District Engineer

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	0	1168	RED SHALE & RED SAND
	1168	1728	ANHYDRITE & SALT
	1728	2409	ANHYDRITE, SALT, RED SH. & SAND
	2409	2888	ANHYDRITE, RED SHALE AND SAND
	2888	3815	ANHYDRITE & DOLOMITE

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
RUSTLER	1168	
TOP SALT	1230	
BASE SALT	1717	
YATES	1728	
QUEEN	2409	
SAN ANDRES	2888	
"F" MARKER	3442	
SLAUGHTER	3396	

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871-233

INCLINATION REPORT '87

JACK L. McCLELLAN
P. O. Box 848
Roswell, New Mexico

BARB-FEDERAL #1
660' FNL & 1980' FWL Section 18,
T-8-S, R-31-E
Chaves County, New Mexico

RECORD OF INCLINATION

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
375	1	6.56	6.56
875	3/4	6.55	13.11
1,163	1/2	2.64	15.75
1,500	1/2	2.76	18.51
1,820	3/4	4.19	22.70
2,250	3/4	5.63	28.33
2,632	3/4	5.00	33.33
2,962	1/2	2.87	36.20
3,300	3/4	4.43	40.63
3,732	1 1/2	11.32	51.95
3,815	1 1/4	1.81	53.76

I hereby certify that I have personal knowledge of the data and facts placed on this report, and that such information given is true and complete.

VERNA DRILLING COMPANY
P. O. Box 1800
Levelland, Texas 79336

Sworn and Subscribed before me, this 10th day of August, 1987.

Notary Public in and for
Hockley County, Texas