

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0154766

6. INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT ~~AND LOG~~ **ARTESIA**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 _____

APR 21 1972

2. NAME OF OPERATOR

JACK L. MCCLELLAN

O. C. G.

ARTESIA, OFFICE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

BAR J - FEDERAL

3. ADDRESS OF OPERATOR

Box 848 - ROSWELL, NEW MEXICO 88201

9. WELL NO.

2

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

10. FIELD AND POOL, OR WILDCAT

HAYSTACK-SILURO-DEVONIA

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

15 - 6S - 27 E NMPM

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

CHAVES

13. STATE

NEW MEXICO

15. DATE SPUDDED

12-9-71

16. DATE T.D. REACHED

1-10-72

17. DATE COMPL. (Ready to prod.)

1-21-72

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

4100 RKB

19. ELEV. CASINGHEAD

4090'

20. TOTAL DEPTH, MD & TVD

6520'

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

6517'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

10-6520

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

6501 - 6511

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GAMMA RAY - SONIC - LATEROLOG & MICRO-LATEROLOG

28.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
12 3/4	34	30	18	2 YDS READY-MIX
8 5/8	23	1382	11	300 SKS
5 1/2	14 & 15.5	6520	7 7/8	350 SKS

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

6501 - 6511 - 21 HOLES

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6501-6511	500 GAL 15% MUD ACID
6501-6511	2000 GAL 20% RETARDED ACID
6501-6511	20,000 GAL GELLED WATER WIT
	16,000# SAND FRAC

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-26-72		PUMP 2 1/2 x 2 1/4 x 20 TBG PUMP				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-10-72	24		→	61	70	195	1148/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→				37.2	

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

VENTED

TEST WITNESSED BY

JESS MOONEY

35. LIST OF ATTACHMENTS

DEVIATION

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

SIGNED

TITLE

PRODUCTION
SUPERINTENDENT

DATE

4-17-72

*(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, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the data to be furnished are to be obtained from the Federal or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

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. Indicate 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 identifying 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.)

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.

37. SUMMARY OF PRODUCE ZONES:		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
CISCO	5884		DST #1 5812-5960. TOOL OPEN 11:00 P.M. 12-28-72. 10 MIN IFP 680# 1 HR ISIP 2372#, 2 HR FFP 705#-781# 2 HR FSIP 2359# FLOWED 2.9 MMCF/DAY W/6 BBL GAS CUT MUD & 3 BBL WATER. RECOVERED 6.62 BBL WATER. DST #2 6331-6436 TOOL OPEN 8:45 AM 1-5-72. 10 MIN IFP 149# 1 HR ISIP 2688#, 2 HR FFP 212#-288# 1 HR FSIP 2549# RECOVERED 1.61 BBL DRILLING FLUID W/TRACE OF OIL. DST #3 6434-6465 TOOL OPEN 9:13 A.M. 10 MIN IFP 65#, 1 HR ISIP 85# 1 HR FF 52# 1 1/4 HR FSIP 39# RECOVERED .25 BBL DRILLING MUD. DST #4 6460-6520 TOOL OPEN 7:24 P.M. 1-10-72 10 MIN IFP 142# 1 HR ISIP 153# 2 HR FFP 142# 1 HR FSIP 153# RECOVERED .34 BBL DRILLING MUD
MISS	6284		
DEV	6404		

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SAN ANDRES	1305	
ABO	4598	
CISCO	5884	
MISS	6284	
DEV	6404	

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Jack L. McClellan ADDRESS P. O. Box 848, Roswell, N.M. 88201
 FIELD Haystack LEASE BAR-J Federal WELL NO. 2
 LOCATION 660' FNL & 1980' FWL, Sec. 15, T-6-S, R-27-E, Chaves County, N.M.

DEVIATION RECORD

<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>
406	1/4	4803	1/4
998	1/2	5039	1/2
1386	1-1/4	5326	1/2
1800	1	5555	1
2310	1/2	5732	3/4
2800	1/2	5960	3/4
3240	1/2	6141	1
3638	1/4	6411	1/2
4158	1/4	6520	1/2
4609	1/2		

RECEIVED

APR 19 1972

U. S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

Certification of personal knowledge of Deviation Record:

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

Signature
ARD DRILLING COMPANY
 Company

STATE OF TEXAS
 COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared J.E.R. Sheeler, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Signature
Manager - Ard Drilling Company
 Title

Sworn and Subscribed to before me, this the 26th day of January, 19 72

S. R. McKINNEY
 Notary Public in and for Midland County,
 Texas.

My Commission Expires: June 1, 1973

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APR 21 1972

U. S. G. C.
 ARTESIA, OFFICE