

NMOCC COPY

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.

5. LEASE DESIGNATION AND SERIAL NO.

LC 060324

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal JJ

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Square Lake

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

3 - 17S - 30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐

b. TYPE OF COMPLETION:

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

Other

2. NAME OF OPERATOR

Anadarko Production Company

3. ADDRESS OF OPERATOR

P. O. Box 67, Lees Mills, New Mexico 88250

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

At surface

660' PBL & 360' FWL Sec. 3, T-17S, R-30E

At top prod. interval reported below

Same Eddy County, New Mexico

At total depth

Same

14. PERMIT NO.

DATE ISSUED

O. C. C.

15. DATE SPUDDED

8-30-77

16. DATE T.D. REACHED

9-5-77

17. DATE COMPL. (Ready to prod.)

10-12-77

18. ARTESIAN (DEFINITE, GR, ETC.)*

3702 GL

19. ELEV. CASINGHEAD

3703

20. TOTAL DEPTH, MD & TVD

3140' KB

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

3107'

22. IF MULTIPLE COMPL., HOW MANY*

-

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

CABLE TOOLS

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

Natar - 2796' - 2872'

Premier - 2930' - 2952'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Compensated Neutron Log

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
8-1/8"	240	309'KB	11"	300 sk	None
4-1/2"	11.60	3,139'KB	7-7/8"	400 sk	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-1/8"	SN @ 2960'	

31. PERFORATION RECORD (Interval, size and number)

Natar: 2796-2806, 2830-30, 2852-60,
2864-72 @ 2 SPF
Premier: 2930-30, 2944-52 @ 2 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2796-2872	Fract w/30000 15% acid, 17,00000 2730 6,5000 100% 24,5000 20/40 24,3000 14,20 24,5000 24,5000 2930-2952 - 63 Fract w/3000 15% acid, 14,2000 2730 Stages-22. stage 14,2000 24,5000 24,5000 (14,20 24,5000 24,5000)

33.*

PRODUCTION

DATE FIRST PRODUCTION

10-13-77

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Pumping

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

10-21-77

HOURS TESTED

24

CHOKE SIZE

None

PROD'N. FOR TEST PERIOD

→

OIL—BBL.

8

GAS—MCF.

8

WATER—BBL.

100 BBL

GAS-OIL RATIO

930:1

FLOW. TUBING PRESS.

400

CASING PRESSURE

400

CALCULATED 24-HOUR RATE

→

OIL—BBL.

8

GAS—MCF.

8

WATER—BBL.

100 BBL

OIL GRAVITY-API (CORR.)

26.5

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

Used for fuel.

TEST WITNESSED BY

John C. English

35. LIST OF ATTACHMENTS

Log & Deviation Survey

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

Original Signed by
SIGNED Jerry L. Buckles

TITLE Area Supervisor

DATE Oct. 24, 1977

*(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 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 36.

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		DESCRIPTION, CONTENTS, ETC.		NAME		TRUE VERT. DEPTH	
FORMATION	TOP	BOTTOM					
Lower Mills Moton Pounder	2725 2700 2625	2700 2675 2650			Top Salt Shoe Salt Shoreline Shore 7 Rivers Queen Shoreline San Andres	475 1140 1190 1300 1400 2200 2400 2950	



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

September 7, 1977

Anadarko Production Co.
Two Greenway Plaza E
Suite 410
Houston, Texas 77046

Re: Federal "JJ" #4

Gentlemen:

RECEIVED

OCT 25 1977

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

The following is a Deviation Survey of the above well:

491'-1/2 ⁰	2003'-1/4 ⁰
886'-1/4 ⁰	2486'-1/2 ⁰
1014'-1/4 ⁰	2772'-0 ⁰
1514'-1/4 ⁰	2993'-0 ⁰
1569'-1/4 ⁰	3140'-1/4 ⁰

Yours Very truly,

WEK DRILLING CO., INC.

Arnold Newkirk
Arnold Newkirk

STATE OF NEW MEXICO)
)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 7th day
of September, 1977 by Arnold Newkirk.

My Commission Expires:

April 9, 1980

Glenda Brazelton
Notary Public