

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

COPY TO ST
N. M. O. C. C. COPY
Form approved.
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

N. M. 0467931

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal A

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Square Lake

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

10 - 17S - 30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

19. ELEV. CASINGHEAD

3730'

23. INTERVALS DRILLED BY

X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

No

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 ☐

2. NAME OF OPERATOR

Anadarko Production Company

3. ADDRESS OF OPERATOR

P. O. Box 67, Loco Hills, New Mexico 88255

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

1980' PBL & 660' PBL Sec. 10, T 17S, R 30E
Eddy County, New Mexico

At top prod. interval reported below

Same

DEC-1 1976 Same

14. PERMIT NO.

DATE ISSUED

O. C. C.

ARTESIAN SPRING

9-8-76

16. DATE T.D. REACHED

9-14-76

17. DATE COMPL. (Ready to prod.)

11-3-76

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

3729' GL

19. ELEV. CASINGHEAD

3730'

20. TOTAL DEPTH, MD & TVD

3200'

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

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)*

Grayburg - San Andres

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray-Compensated Neutron Log (Cased Hole)

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"	24#	474' KB	12 1/4"	150 sacks	None
4 1/2"	10.5#	3200' KB	7 7/8"	350 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3143'	

31. PERFORATION RECORD (Interval, size and number)

Lovington(S.A.) 3116-20, 3104-12, 3093-3100
L. Premier (G.B.) 2986-89, 2977-80, 2965-72
L. Metex (G.B.) 2896-2900, 2886-90, 2868-74
M. Metex (G.B.) 2826-30,
All perfs @ 2 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2826-3120	Acidized w/27 1/4 Gal 15% HCL
2826-3120	Fraced w/2500 Gal NS Acid,
	107,500 Gal Gelled Wtr,
	35,000 100 Mesh SD, 53,507#
	10/20 Sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-5-76		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-24-76	24		→	50	65	60 (Load)	1300:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	50	65	60 (Load)	36.7	

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

Surplus above fuel needs sold.

TEST WITNESSED BY

Jerry E. Buckles

35. LIST OF ATTACHMENTS

Gamma-Ray Compensated Neutron Log. Form 9-331

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

SIGNED

Original Signed by
Jerry E. Buckles

TITLE

Area Supervisor

DATE

Nov. 24, 1976

*(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 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: "Stacks 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	NAME
Salt	490'	1210'	
Yates	1365'	1670'	
Seven Rivers	1670'	2275'	
Queen	2275'	2700'	
Grayburg	2700'	2990'	
San Andres	2990'	3090'	
Lovington	3090'	3200'	

MEAS. DEPTH	TOP	TRUE VERT. DEPTH