

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

LC-068064

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Grier Federal

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Square Lake

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA31-16-31
N.M.P.M.12. COUNTY OR
PARISH
Eddy13. STATE
N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other **Injection(water)**

b. TYPE OF COMPLETION:

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

Other

2. NAME OF OPERATOR

Anadarko Production Company

JUN 9 1967

3. ADDRESS OF OPERATOR

P. O. Box 260, Artesia, New Mexico

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

At surface 10' PNL & 2230' PNL Sec. 31 T-16S R-31E
2230' Eddy County, N.M.At top prod. interval reported below
Same as above

At total depth Same as above

14. PERMIT NO.

R-2977

DATE ISSUED

15. DATE SPUDDED

12-14-65

16. DATE T.D. REACHED

12-23-65

17. DATE COMPL. (Ready to prod.)

12-21-66

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

3,835' 38

19. ELEV. CASINGHEAD

3,836'

20. TOTAL DEPTH, MD & TVD

3,331' RKB

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

3,306' RKB

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0' - 3,331'

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

3,112' - 3,116', 3,157' - 3,161', 3,280' - 3,290'
Grayburg-Sandstone Andres25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray-Neutron, Acoustilog & Densilog

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8" 13 3/8"	15.5	30' 3313'	7 7/8"	375 cu ft. Portland	
5 1/2"					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3,215'	3,215'

31. PERFORATION RECORD (Interval, size and number)

3,290' - 3,280' 10 holes .42"
3,162' - 3,157' 5 holes .42"
3,116' - 3,111' 5 holes .42"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3290' - 3280'	250 gal HCL NE Acid
3162' - 3157'	250 gal HCL NE Acid
3116' - 3111'	250 gal HCL NE Acid
3290' - 3280'	5,000# 20-40 sand, 10,000 H2O

33.*

PRODUCTION

DATE FIRST PRODUCTION

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

Water Injection Well

WELL STATUS (Producing or
shut-in)

Injection

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR
TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS—RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED
24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

GRAVITY, API COR.

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

Chandler Haggard

TITLE

Production Foreman

DATE

June 26, 1967

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

RECEIVED
JUN 27 1967
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Red Bed, Anhy	0'	520'		Salt	520'		XXXXX
Salt	520'	1660'		Red Sand	2430'		
XXXXXX	XXXXX			Grayburg Lime	2850'		
Anhy & Gyp	1660'	2430'		San Andres	3190'		
Red Sand	2430'	2470'					
Anhy & Gyp	2430'	2850'					
Lime	2850'	3080'					
Lime	3080'	3132'	Cored this interval				
Lime	3132'	3192'					
Lime	3192'	3200'	Cored this interval				
Lime	3200'	3271'					
Lime	3271'	3331'	Cored this interval				