

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC 028936 (d)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal L

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Loco hills-Queen
Grayburg-San Andres11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

31 - 17S - 30E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

MAY 16 1980

2. NAME OF OPERATOR

Anadarko Production Company

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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)*

At surface

660' FNL & 660' FWL Sec. 31, T17S, R30E

At top prod. interval reported below Same

Eddy County, New Mexico

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

4-7-80

16. DATE T.D. REACHED

4-14-80

17. DATE COMPL. (Ready to prod.)

5-1-80

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

3582' GL

19. ELEV. CASINGHEAD

3581'

20. TOTAL DEPTH, MD & TVD

3400' KB

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

3392'

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

ROTARY TOOLS

CABLE TOOLS

Rotary

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

San Andres - 3192' - 3210'

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/Comp. Neutron-Density Log & Dual Laterolog

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	447' KB	12-1/4"	300 sx Class H	None
4-1/2"	10.5#	3397' KB	7-7/8"	700 sx Class C-50/50 Possib	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	SNOE @ 3266' KB	

31. PERFORATION RECORD (Interval, size and number)

3192-94 (5 holes) 3198-3210 (25 holes)
@ 2 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3192-3210	Acidized w/630 gals 15% NE acid
3192-3210	Fraced w/500 gals 15% NE acid,
	30,000 gals gelled FW, 10,000# 100
	mesh sd, 26,000# 20/40 sd, 4,000#
	10/20 sd & 110 gals United Scale

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing, shut-in)	
5-3-80		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-15-80	24	None	→	18	40	11	222:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
20#	20#	→	18	40	11	38.1	

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

Used for fuel on lease

TEST WITNESSED BY

Charles Copeland

35. LIST OF ATTACHMENTS

2 Copies each: Comp. Neutron-Densilog, Dual Laterolog, Deviation Survey & T° 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 E. Buckles

TITLE

Area Supervisor

DATE

May 16, 1980

*(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.

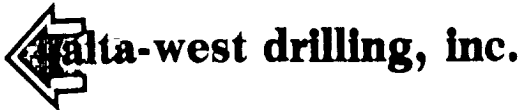
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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: "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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Redbed	0	555		Salt- Top	555	
Salt	555	1032		Salt-Bottom	1032	
Anhydrite	1032	1075		Tansill	1075	
Anhydrite-Sd	1075	1180		Yates	1180	
Dolomite	1180	1665		7-Rivers	1665	
Dolomite-Sd	1665	2212		Queen	2212	
Sand	2212	2595		Grayburg	2595	
Lime	2595	3050	Lime & Sand - Oil	San Andres	3050	



WM. N. MORGAN
Off. Ph.: 505-748-2194
Home Ph.: 505-748-2325
P. O. Drawer 1
Artesia, N.M. 88210

RECEIVED

MAY 16 1980

April 16, 1980

Anadarko Production Co.
P.O. Box 67
Loco Hills, New Mexico 88255

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Re: Federal L #7
Sec 31 Twn17S Rge30E
660/N 660/W
Pool: Loco Hills Queen GB-SA
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey of the
above well:

450' - 1 1/2 degree
950' - 2 3/4 degree
1140' - 2 3/4 degree
1326' - 1 1/2 degree
1829' - 2 1/2 degree
2333' - 2 degrees
2425' - 2 degrees
2968' - 1 3/4 degree
3074' - 1 3/4 degree
3400' - 3 1/4 degree

Yours truly,

William N. Morgan

William N. Morgan
Alta-West Drlg., Inc.

STATE OF NEW MEXICO)
COUNTY OF EDDY)

The foregoing was acknowledged before me this 16th day
of April, 1980, by William N. Morgan.

My Commission Expires:

June 23, 1981

Betty G. K. Cerni
Notary Public