

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL E*

(See other instructions on reverse side)

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

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 ☐
2. NAME OF OPERATOR Anadarko Production Company						FEB 16 1979	
3. ADDRESS OF OPERATOR P. O. Box 67, Loco Hills, New Mexico 88255						O. C. C.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) At surface 990' FSL & 1310' FSL Sec. 8, T18S, R29E At top prod. interval reported below Same Eddy County, New Mexico At total depth Same						ARTESIA OFFICE	
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Eddy		13. STATE New Mexico	
15. DATE SPUDDED 10-20-78	16. DATE T.D. REACHED 10-25-78	17. DATE COMPL. (Ready to prod.) 12-6-78		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3501 GL		19. ELEV. CASINGHEAD 3502'	
20. TOTAL DEPTH, MD & TVD 3100'		21. PLUG, BACK T.D., MD & TVD 3091'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Jackson: 2976' - 3081'						25. WAS DIRECTIONAL No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Compensated Neutron						FEB 14 1979	
28. CASING RECORD (Report all strings set in well)						U.S. GEOLOGICAL SURVEY	
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	24#	396'KB	12-1/4"	250 sx Class H		None	
4-1/2"	11.6#	3095'KB	7-7/8"	300 sx 50/50 Poemix		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3056' SMOB	
31. PERFORATION RECORD (Interval, size and number) Jackson: .42" Diam. Select Fire @ 2976, 2978, 2992, 2994, 3003, 3040, 3046, 3051, 3056, 3061, 3079 & 3081 - Total 12 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				2976-3081			
				2976-3081			
				AMOUNT AND KIND OF MATERIAL USED			
				Acidized w/22 bbls. 15% HCl acid			
				Frased w/35,000 gals gelled FW,			
				20,000# 100 mesh sd, 31,000#			
				20/40 sand & 100# Cypham			
33.* PRODUCTION							
DATE FIRST PRODUCTION 1-16-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-21-79	HOURS TESTED 24	CHOKE SIZE None	PROD'N. FOR TEST PERIOD →	OIL—BBL. 36	GAS—MCF. 4.08	WATER—BBL. 177	GAS-OIL RATIO 113:1
FLOW. TUBING PRESS. 90#	CASING PRESSURE 420#	CALCULATED 24-HOUR RATE →	OIL—BBL. 36	GAS—MCF. 4.08	WATER—BBL. 177	OIL GRAVITY-API (CORR.) 36.7	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Frank Waters	
35. LIST OF ATTACHMENTS 2 copies of Log, T* Survey							
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 February 12, 1979			

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Grayburg-Metax	2490	2600	Oil	Salt	250'	
Grayburg-Premier	2630	2730	Oil	Yates	960'	
San Andres-Jackson	2976	3081	Oil and/or water	7 Rivers	1325'	
				Queen	1930'	
				Grayburg	2285'	
				San Andres	2730'	



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

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

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

RECEIVED

FEB 14 1979

O. C. C.
ARTEZIA, OFFICE

October 26, 1978

RECEIVED
T 28 1978
SECONDARY RECOVERY
DIVISION

Anadarko Production Co.
P.O. Box 2497
Midland, Texas 79702
Att: B.W. Griffin

Re: Ballard 5-14

Dear Sir:

The following is a Deviation Survey of the above well located in Eddy County, New Mexico.

402' - $3/4^{\circ}$
500' - $1/4^{\circ}$
972' - $1/2^{\circ}$
1465' - $3/4^{\circ}$
1700' - $1\ 1/4^{\circ}$

1998' - $1\ 1/4^{\circ}$
2211' - $1\ 1/4^{\circ}$
2361' - 1°
2770' - 1°
3100' - 1°

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 26th day of October, 1978 by Arnold Newkirk.

My Commission Expires:

April 9, 1980

Glenda Bea Newton
Notary Public