

N. M. O. C. C. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUBMIT IN DUPLICATE
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-25516.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		8. FARM OR LEASE NAME Federal 2	
2. NAME OF OPERATOR Anadarko Production Company		9. WELL NO. 4 - 10	
3. ADDRESS OF OPERATOR P. O. Box 67, Loco Hills, New Mexico 88255		10. FIELD AND POOL, OR WILDCAT Square Lake	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980° FWL and 1980° FWL of Section 10, T. 17-S, R. 30-E, Eddy County, New Mexico At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10, T-17-S, R-30-E	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 5-24-72		16. DATE T.D. REACHED 5-28-72	
17. DATE COMPL. (Ready to prod.) 6-7-72		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3715' GL	
19. ELEV. CASINGHEAD 3714'		20. TOTAL DEPTH, MD & TVD 2960'	
21. PLUG, BACK T.D., MD & TVD 2960'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0 - 2960'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2927 - 2863 Grayburg	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN GR - Density	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8 5/8"		24#	
5 1/2"		14#	
DEPTH SET (MD)		HOLE SIZE	
494'		12 1/4"	
2960'		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED	
150		0	
450		0	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
2 3/8"		DEPTH SET (MD)	
2960'		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2825 - 28° .45 6		DEPTH INTERVAL (MD)	
2830 - 36° .45 12		AMOUNT AND KIND OF MATERIAL USED	
2846 - 50° .45 12		2825 - 63° 3000 gallon acid, 105,000 gallon gelled water, 105,000# sand.	
2859 - 63° .45 12		2927 - 31° 1000 gallon acid, 35,000 gallon gelled water, 35,000# sand.	
2927 - 31° .45 16		33.* PRODUCTION	
DATE FIRST PRODUCTION 6-8-72		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump	
WELL STATUS (Producing or Shut-in) Producing		DATE OF TEST 6-15-72	
HOURS TESTED 24		CHOKE SIZE 205	
PROD'N. FOR TEST PERIOD 205		GAS—MCF. 324	
OIL—BBL. 205		WATER—BBL. 25 (Loss)	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE 205		OIL—BBL. 205	
GAS—MCF. 324		WATER—BBL. 25 (Loss)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Fuel and Vented		TEST WITNESSED BY B. E. C.	
35. LIST OF ATTACHMENTS		ARTESIA, OFFICE	
36. I hereby certify that the foregoing and attached information is complete and correct as determined by all available records		RECEIVED JUN 21 1972 U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO	
Original signed by SIGNED D. R. Layton		TITLE Area Supervisor	
DATE 6-16-72		DATE 6-16-72	

*(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	MEAS. DEPTH	TRUE VERT. DEPTH
GRAYBURN				Top Salt	500	
Metex	2825	2863	Gray Sandstone - Oil	Base Salt	1160	
Premier	2927	2931	Gray Sandstone - Oil	Tanmill	1210	
				Yates	1320	
				Seven Rivers	1700	
				Queen	2225	
				Grayburg	2620	
				San Andres	2955	

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TRANSPORTER	OIL 1 GAS 1
OPERATOR	1
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

O. C. C.
ARTESIA, OFFICE

JUN 21 1972

I. Operator
Anadarko Production Company ✓
Address
P. O. Box 67, Loco Hills, New Mexico 88255
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)
CASINGHEAD GAS MUST NOT BE FLARED AFTER 8-8-72 UNLESS AN EXCEPTION TO R-4070 IS OBTAINED ✓
If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal R	Well No. 4	Pool Name, Including Formation Square Lake	Kind of Lease Block Federal Block	Lease No. NM-0467931
Location Unit Letter F ; 1980 Feet From The North Line and 1980' Feet From The West Line of Section 10 Township 17-S Range 30-E , NMPM, Eddy County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Navajo Refining Co., Pipeline Division	Address (Give address to which approved copy of this form is to be sent) P. O. Box 67, Artesia, New Mexico 88210			
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Phillips Petroleum Co.	Address (Give address to which approved copy of this form is to be sent) 4th & Washington, Odessa, Texas			
If well produces oil or liquids, give location of tanks.	Unit A	Sec. 10	Twp. 17-S	Rge. 30-E
Is gas actually connected? No When 7-11-72				

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well	New Well ☒	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 5-24-72	Date Compl. Ready to Prod. 6-7-72		Total Depth 2960'		P.B.T.D. 2960'			
Elevations (DF, RKB, RT, GR, etc.) 3715' GL	Name of Producing Formation Grayburg		Top Oil/Gas Pay 2825'		Tubing Depth 2940'			
Perforations 2825-28 2830-36 2846-50 2859-63 2927-31					Depth Casing Shoe 2960'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE 12 1/4"	CASING & TUBING SIZE 8 5/8"		DEPTH SET 494'		SACKS CEMENT 150			
7 7/8"	5 1/2"		2960'		450			
			2 3/8"		2940			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 6-8-72	Date of Test 6-15-72	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hours	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls. 205	Water-Bbls. 25 (load)	Gas-MCF 324

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Original signed by:
D. R. Layton
(Signature)

Area Supervisor
(Title)

OIL CONSERVATION COMMISSION

JUN 21 1972

APPROVED _____, 19____

BY **W. A. Gressett**

TITLE **OIL AND GAS INADEQUATE**

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allow-