

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 Mobil Producing TX. & N.M. Inc.											
3. ADDRESS OF OPERATOR Nine Greenway Plaza, Suite 2700, Houston, Texas 77046											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330' FNL & 990' FWL of Sec. 4, T-24N, R-3W E-1S At top prod. interval reported below Same as surface At total depth Same as surface											
		14. PERMIT NO.		DATE ISSUED							
15. DATE SPUDDED 10/24/83		16. DATE T.D. REACHED 11/16/83		17. DATE COMPL. (Ready to prod.) 01/10/84							
		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7071 GR		19. ELEV. CASINGHEAD 7071 GR							
20. TOTALDEPTH, MD & TVD 8100		21. PLUG, BACK T.D., MD & TVD 8058		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)* 6714-6885 Gallup, 7632-7824 Dakota					25. WAS DIRECTIONAL SURVEY MADE No						
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density-Neutron, Dual Induction Laterolog					27. WAS WELL CORED Yes						
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD							
13-3/8	48#	397	17-1/2	375x B (439 CF)							
8-5/8	24# & 32#	3400	11	750x 50/50 Pos + 150x B (1347 CF total)							
4-1/2	11.6#	8100	7-7/8	1) 575x 65/35 Pos + 200x B (1119.7 CF total) 2) 875x 65/35 Pos + 50x B (1406 CF total)							
DV @ 5354											
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	Packer Set (MD)						
BPMA @ 7791			SN @ 7757								
31. PERFORATION RECORD (Interval, size and number) Perf w/1JSPF @ 7798-7824 (27 holes) Perf w/1JSPF @ 7632-38 & 7723-30 (15 holes) Perf w/1JSPF @ 6714-34; 6747-58; 6768-83; 6786-94; 6801-06; 6813-21; 6872-85 (87 holes)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1" style="width: 100%;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>7798-7824</td> <td>SWF w/33000 gals 40# x-link gel 2% KCl fr wtr + 66000# 20/40 sd.</td> </tr> <tr> <td>7632-7730</td> <td>SWF w/33440 gals 40# x-link gel 2% KCl fr wtr + 54000# 20/40 sd.</td> </tr> </tbody> </table>			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	7798-7824	SWF w/33000 gals 40# x-link gel 2% KCl fr wtr + 66000# 20/40 sd.	7632-7730	SWF w/33440 gals 40# x-link gel 2% KCl fr wtr + 54000# 20/40 sd.
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33.* PRODUCTION — SEE REVERSE-											
DATE FIRST PRODUCTION 12/19/83*		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2 x 2 x 18 pump			WELL STATUS (Producing or shut-in) Pending gas connection						
DATE OF TEST 02/07/84	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD → OIL-BBL. 59	GAS-MCF. 80	WATER-BBL. 6						
FLOW, tubing press.	CASING PRESSURE 180	CALCULATED 24-HOUR RATE →	OIL-BBL. 59	GAS-MCF. 80	WATER-BBL. 6						
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold			TEST WITNESSED BY K. D. Jones								
35. LIST OF ATTACHMENTS logs & deviation survey											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED Paula A. Collins		TITLE Authorized Agent		DATE 02/14/84							

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

NMCC

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.)

#32. continued from front - Acidize perfs 6714-6885 w/5000 gals 15% DINE HCl + 500 SCF/N2/bb1.

SWF w/96000 gals 40# x-link gel 2% KCl fr wtr + 75000 SCF CO2/bb1 + 196000# 20/40 sd.

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 (SED. TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERY)			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			* Initial production was from the Gallup perfs only. On 1/10/84 the Bridge Plug that had previously been placed over the Dakota perfs was removed, allowing production from both zones to commence.	Cliffhouse Menefee Mesa Verde Gallup Mancos Greenhorn Graneros Dakota Morrison	5047 5138 5760 6700 6990 7541 7603 7631 7970	

ARAPAHOE DRILLING CO., INC.
P. O. BOX 26687
ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

November 23, 1983

G. W. BARB

OPERATOR: Mobil Producing Texas & New Mexico

WELL: Cullins Federal #3
Section 4, Township 24 North, Range 3 West
Rio Arriba County, New Mexico

DEVIATION RECORD

DATE	DEPTH	DEVIATION
10/25/83	397'	3/4°
10/26/83	877'	3/4°
	1372'	1/2°
	1871'	3/4°
10/27/83	2368'	3/4°
	2862'	3/4°
10/28/83	3357'	3/4°
	3400'	3/4°
10/30/83	3930'	1/2°
	4428'	1/2°
11/01/83	4951'	3/4°
	5451'	3/4°
11/02/83	5663'	3/4°
11/03/83	6155'	1°
11/04/83	6648'	1°
11/05/83	6760'	3/4°
11/07/83	7236'	3/4°
11/15/83	8011'	3/4°

ARAPAHOE DRILLING CO., INC.


Steve Schalk
President

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

Subscribed and sworn to before me, a Notary Public,
this 23rd day of November, 1983, by Steve Schalk,
President of Arapahoe Drilling Co., Inc. '


Notary Public

OFFICIAL SEAL
LOIS CUNNINGHAM
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires: 3/7/82



RECEIVED
FEB 23 1984
OIL CON. DIV.
DIST. 3