

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract #126. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Otero

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 27, T24N, R5W

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

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 790' FNL & 890' FWL, Sec. 27, T-24-N, R-5-W

At top prod. interval reported below

Same as surface

At total depth

Same as surface

14. PERMIT NO.

DATE ISSUED

11-9-84

15. DATE SPUNDED

9-24-85

16. DATE T.D. REACHED

-

17. DATE COMPL. (Ready to prod.)

11-26-84

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

6634' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7000

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

6530

22. IF MULTIPLE COMPL.,
HOW MANY*

-

23. INTERVALS
DRILLED BY

7000

ROTARY TOOLS

CABLE TOOLS

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

5518-5684 Gallup

26. TYPE ELECTRIC AND OTHER LOGS RUN

PDC Log

RECEIVED

JAN 22 1985

BUREAU OF LAND MANAGEMENT

FARMINGTON RESOURCE AREA

28.

CASING RECORD

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	20# - H-40	300' 323	Original casing	200 yd	
5-1/2	14# - K-55	0-5850'	undisturbed		
5-1/2	15.5# - K-55	5850'-7000'			

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	5753	5372

31. PERFORATION RECORD (Interval, size and number)

Perf w/1 JSPF 5518-5524, 5528-5560,
5576-5598, 5604-5612, 5618-5628,
5668-5684 (Total 100 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5518-5684	Acidz w/7100 gal 3% KCL fr wtr + 150 RCNBS - SWF w/91,350 gal GWX-7 + 52,300 gal CO2 + 200,000# 20/40 mesh sd.

33.*

PRODUCTION

DATE FIRST PRODUCTION 11-24-84		PRODUCTION METHOD (Flowing, gas lift, pumping— ACCEPTED FOR RECORD) Pumping 5½ x 1½ x 84		WELL STATUS (Producing or shut-in) Shut-in pending gas connection			
DATE OF TEST 12-24-84	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 32	GAS—MCF. 85	WATER—BBL. 5	GAS-OIL RATIO 2656
FLOW. TUBING PRESS. 120	CASING PRESSURE 120	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. →	WATER—BBL. →	OIL GRAVITY-API (CORR.) 33.6 @ 60	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented				BY K. D. Jones		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

W.B. Wood

TITLE

Authorized Agent

DATE

1-2-85

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

OPERATOR

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.
Sand & Gravel	0	320	
Sand & Shale	320	7000	See Daily Drilling

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliff	2270	
Mesa Verde Cliff	3775	
House	4652	
Mancus	5562	
Gallup	6444	
Greenhorn	6523	
Graneros	6607	
Dakota		

TYPE OF COMPLETION	WELL COMPLETION OR RECOMPLETION REPORT AND LOG
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Sand & Gravel
Sand & Shale

See Daily Drilling

320
7000

0
320

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Mobil Producing Texas and New Mexico Inc.

3. ADDRESS OF OPERATOR

Nine Greenway Plaza, Suite 2700, Houston, TX 77046

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

At surface

790' FNL & 890' FWL, Sec 27, T-24-N, R-5-W

At proposed prod. zone

Same as surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

50 miles SSW of Dulce, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1754'

16. NO. OF ACRES IN LEASE

1920

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2656'

19. PROPOSED DEPTH

6540'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6634' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	20# - H-40	300'	(1) Circulate to surface
7 7/8"	5 1/2"	14# - K-55	0 - 5850'	(2) Circulate to surface
		15.5# - K-55	5850' - 7000'	

Subject well is shut-in due to 100% water production from its present Dakota completion (6683' - 6845' OA). Permission is requested to plug back this well to 6540' and complete in the Gallup as follows:

- 1) Pull production string out of hole.
- 2) Set CIBP at 6640' and spot 100' class "B" cement on top
- 3) Perforate 5 1/2" casing in the Gallup (5518' - 5684' OA) w/1 JSPF
- 4) Stimulate/Fracture as necessary
- 5) Complete Well.

BLOWOUT PREVENTOR PROGRAM

Casing String	Equipment Size & API Series	No. & Type	Test Pressure (psi)
Production	6" X 5000#	1 - Master Gate 1 - Pipe Ram	5000

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED AD Bond (A. D. Bond) TITLE Regulatory Technician Supervisor DATE October 19, 1984

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: