

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

RECEIVED

MAR 18 1987

2. NAME OF OPERATOR

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

375 US Highway 64, Farmington, NM 87401

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

At surface

1695' FSL & 990' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10/26/86

16. DATE T.D. REACHED

11/04/86

17. DATE COMPL. (Ready to prod.)

12/18/86

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

6702 GL, 6714 KB

19. ELEV. CASINGHEAD

6703

20. TOTAL DEPTH, MD & TVD

7850 KB

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

7800 KB

22. IF MULTIPLE COMPL., HOW MANY*

3

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7850

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

Commingled R-7508

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR SDL-DSN-GR

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	40.0	320	12-1/4	See attached	
7	23.0	3699	8-1/2	See attached	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2	3460	7839	See Att		2-3/8	7686	N/A

31. PERFORATION RECORD (Interval, size and number)

See attached

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attached	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12/18/86		Flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
2/4/87	3	3/4	→	3 comb.*	140.5 comb.	0	46833:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
85	490	→	24 comb.*	1124 comb.*	0	50	

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

Vented (to be sold)

TEST WITNESSED BY

Bruce Voiles

35. LIST OF ATTACHMENTS

Cementing, Perforation and Stimulation Records

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Robert C. Frank

TITLE

Permit Coordinator

3/13/87

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

NMOC

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												
			Production is commingled Production allocation as follows: <table><tr><td></td><td><u>Gas</u></td><td><u>Oil</u></td></tr><tr><td>Mesaverde</td><td>43%</td><td>26%</td></tr><tr><td>Gallup</td><td>25%</td><td>50%</td></tr><tr><td>Dakota</td><td>32%</td><td>24%</td></tr></table>		<u>Gas</u>	<u>Oil</u>	Mesaverde	43%	26%	Gallup	25%	50%	Dakota	32%	24%	Kirtland Chacra Cliffhouse Point Lookout Mancos Gallup Greenhorn Graneros Dakota	3012 4284 4997 5543 5718 6668 7466 7527 7618	
	<u>Gas</u>	<u>Oil</u>																
Mesaverde	43%	26%																
Gallup	25%	50%																
Dakota	32%	24%																

Attachment
Jicarilla H 12M

Section 28, Cementing Record

Surface Casing: 175 sxs (207 cu.ft.) C1 "B" containing 2% CaCl₂.
Circulate 5 bbls (28 cu.ft.) of cement to surface.

Intermediate Casing: 205 sxs (588 cu.ft.) 65/35 POZ containing 12% gel
and 12-1/4# gilsonite/sk, tailed by 100 sxs (118 cu.ft.)
C1 "B" containing 2% CaCl₂. Did not circulate.
Cement top at 2400' by temperature survey dated 10/31/86.

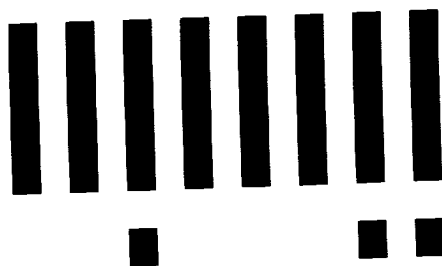
Production Liner: 550 sxs (864 cu.ft.) 50/50 POZ containing 4% gel,
6-1/4# gilsonite/sk and 10# salt/sk. Circulate 2 bbls
(11 cu.ft.) of cement off of liner hanger.

Section 31, Perforation Record

Dakota Total 29 - 0.32" holes, 1 spf @ 7650', 51', 52', 79', 80', 81',
82', 83', 84', 85', 86', 87', 88', 89', 90', 91', 92', 93', 94', 95',
96', 7722', 23', 24', 25', 26', 27', 28', 29'.

Section 32, Stimulation Record

7650'-7729' Acidize: 100 gals 7-1/2% HCl
Acidize: 1500 gals 15% HCL and 58 - 7/8" ball sealers.
Frac: 100,000# 20/40 sand in 100,000 gals 20# crosslink
2% KCL gelled water.



LTR



Job separation sheet



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

March 17, 1987

Union Texas Petroleum Corp.
375 U.S. Highway 64
Farmington, NM 87401

Re: Jicarilla H #12M I-17-26N-4W

Gentlemen:

Your recommended allocation of the commingled production to the referenced well is hereby accepted as follows:

	<u>Gas</u>	<u>Oil</u>
Mesaverde	43%	26%
Gallup	25%	50%
Dakota	32%	24%

Sincerely,

Frank T. Chavez
District Supervisor

FTC/dj

xc: Santa Fe
Transporters
Well File



Union Texas Petroleum

March 12, 1987

375 U.S. Highway 68
Farmington, New Mexico 87401
Telephone 505-326-3587

Mr. Frank Chavez
N.M. Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Dear Frank,

We have reviewed the gas and oil tests on our Jicarilla H #12M (I Section 17, T26N-R4W), Rio Arriba County, NM), which is a commingled Blanco Mesaverde-Wildhorse Gallup-Basin Dakota well, as per N.M.O.C.D. Order #DHC-640. Based on tests taken during completion operations and the ultimate reserves of the nearby Gallup, Mesaverde and Dakota wells, we feel that the following oil and gas production allocation on the subject well's commingled zones would be reasonably accurate:

	<u>Gas</u>	<u>Oil</u>
Mesaverde	43%	26%
Gallup	25%	50%
Dakota	32%	24%

Please let us know if this percentage allocation meets with your approval.

Sincerely,

P. M. Pippin
Production Engineer

PMP:lmg

OL 224
1987

CALCULATIONS FOR JICARILLA H #12M

Commingled
Blanco Mesaverde
Wildhorse Gallup
Basin Dakota

GAS

Pitot guage MV only: 869 MCF/D
Pitot gauge MV & GAL: 1374 MCF/D: Gallup = $1374 - 869 = 505$ MCF/D
Pitot gauge MV & Gas & DK: 2039 MCF/D: Dakota = $2039 - 1374 = 665$ MCF/D

Gas Allocation

Mesaverde	43%
Gallup	25%
Dakota	32%

OIL

Average Offset Ultimate Reserves

Mesaverde	5652 B.O.
Gallup	10823 B.O.
Dakota	5068 B.O.

Oil Allocation

Mesaverde	26%
Gallup	50%
Dakota	24%

FILED
JUL 19 1977
AL CON. DIV.
DIST. 3