

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED

JAN 14 1980

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

B-4575

7. Unit Agreement Name

8. Farm or Lease Name

Delhi St.

9. Well No.

5

10. Field and Pool, or Wildcat

Artesia Qn. Grbg. SA

12. County

Eddy

1a. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐OTHER ☒ O. C. D.

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐OTHER ☐

2. Name of Operator

Marbob Energy Corp. ✓

3. Address of Operator

P.O. Box 304, Artesia, N.M. 88210

4. Location of Well

UNIT LETTER D LOCATED 330 FEET FROM THE North LINE AND 330 FEET FROMTHE West LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM

15. Date Spudded

11/20/79

16. Date T.D. Reached

11/25/79

17. Date Compl. (Ready to Prod.)

12/5/79

18. Elevations (DF, RKB, RT, GR, etc.)

3684 GR

19. Elev. Casinghead

3684 GR

20. Total Depth

2120'

21. Plug Back T.D.

2100

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

X

24. Producing Interval, of this completion - Top, Bottom, Name

1907'-1927' Premier

25. Was Directional Sur Made

Yes

26. Type Electric and Other Logs Run

Gamma Ray Neutron

27. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20#	478'	11"	250 sax, circ. 38 sax	
5 1/2"	23,20,17#	2105.08'	7 7/8"	535 sax, circ. 125 sax	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	1920'	

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

1907-1927 .50 dia., 40 shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1907-27	40,000 gal RF30, 6000# FLA-100 sand, 18,000# 10/20 sand, 750 gal 15% HCL acid

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
1/3/80		Pumping - 1 1/2"				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/4/80	24			10	To Phillips	1	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
20#	20#		10	To Phillips	1		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Mack C. Chase

35. List of Attachments

Gamma Ray Neutron log, deviation survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

TITLE

Secretary

DATE

1/11/80

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured dry hole. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ <u>460</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ <u>700</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ <u>1220</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ <u>1650</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drunkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 1907 to 1927 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	15	15	Caliche	483	485	2	Shale
15	38	23	Gravel	485	692	207	Anhy.
38	96	58	Red bed	692	696	4	Oil sand
96	120	24	Red bed, blue shale	696	701	5	Anhy.
120	185	65	Red bed	701	707	6	Sandy lime
185	190	5	Gyp	707	722	15	Anhy.
190	235	45	Red bed	722	727	5	Sand
235	270	35	Anhy.	727	744	17	Anhy.
270	290	20	Blue shale, red bed	744	767	23	Lime, anhy.
290	375	85	Anhy.	767	774	7	Brown lime
375	395	20	Shale	774	789	15	Gray lime
395	405	10	Anhy.	789	797	8	Anhy.
405	437	32	Shale	797	905	108	Anhy., lime
437	455	18	Gyp, shale	905	940	35	Anhy.
455	470	15	Anhy, shale	940	1170	230	Anhy, lime
470	480	10	Shale	1170	1177	7	Gray lime
480	483	3	Anhy.	1177	1215	38	Anhy.

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depth. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 32 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
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T. 7 Rivers _____
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T. Penn. _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
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T. Permian _____
T. Penn. "A" _____

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T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1215	1237	22	Red sand	1697	1710	13	Brown lime
1237	1244	7	Anhy, red sand	1710	1734	24	Lime, anhy.
1244	1305	61	Anhy.	1734	1750	16	Brown lime
1305	1377	72	Anhy, shale	1750	1793	43	Sandy lime
1377	1385	8	Lime	1793	1806	16	Lime
1385	1400	15	lime, anhy.	1806	1821	15	Sandy lime
1400	1460	60	Anhy, gray sand	1821	1900	79	Lime
1460	1479	19	Sand, anhy.	1900	1906	6	Lime, Shale
1479	1485	6	Lime, anhy.	1907	1927	20	Premier sand
1485	1502	17	Shale, anhy.	1927	1946	19	Lime, shale
1502	1525	23	Gray sand	1946	1999	53	Gray lime
1525	1615	90	Anhy, shale	1999	2026	27	Sandy lime
1615	1626	11	Pink lime	2026	2038	12	White lime
1626	1642	16	Anhy, shale	2038	2048	10	Sandy lime
1642	1650	8	Lime, anhy.	2048	2120	72	Lime
1650	1675	25	Brown lime				
1675	1680	5	Gray lime		2120		TD
1680	1697	17	Lime, sand				



Alta-west drilling, inc.

RECEIVED

WM. N. MORGAN
Off. Ph.: 505-748-2194
Home Ph.: 505-748-2325
P. O. Drawer 1
Artesia, N.M. 88210

JAN 11 1980

O. C. D.
ARTESIA OFFICE

Marbob Energy Corp.
P.O. Box 304
Artesia, New Mexico 88210

Re: Delhi State #5 ✓
Sec. 33 Twn17S Rge28E
330 'N 330 'W
Eddy County

Gentlemen:

The following is a Deviation Survey of the above well:

517' - 1 degree
1011' - 3/4 degree
1481' - 1 degree
1955' - 1 1/4 degree
2120' - 3/4 degree

Yours truly,

William N. Morgan

William N. Morgan
Alta-West Drlg., Inc.

STATE OF NEW MEXICO)
COUNTY OF EDDY)

The foregoing was acknowledged before me this 28th day
of November, 1979 by William N. Morgan.

My Commission Expires:

Loy O. Fletcher
Notary Public

June 13, 1981