Appropriate District Office
ase - 6 copies
ase - 5 copies
trict I
625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO. 30-015-33603

5. Indicate Type of Lease STATE ☐ FEE ☒

State Oil & Gas Lease No.

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

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FEB 10 2005
OCD-ARTESIA

7. Lease Name or Unit Agreement Name: BAR W FEE

2. Name of Operator: MARBOB ENERGY CORPORATION

8. Well No.: 1

3. Address of Operator: PO BOX 227, ARTESIA, NM 88211-0227

9. Pool name or Wildcat: ESPERANZA; DELAWARE

4. Well Location

Unit Letter L : 2385 Feet From The SOUTH Line and 990 Feet From The WEST Line

Section 10 Township 22S Range 27E NMPM EDDY County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF& RKB, RT, GR, etc.)	14. Elev. Casinghead
10/18/04	10/26/04	1/6/05	3078' GL	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
5350'	5300'			0 - 5350'	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 4670' - 5171' DELAWARE

20. Was Directional Survey Made: YES

21. Type Electric and Other Logs Run: DLL, CSNG

22. Was Well Cored: NO

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	403'	12 1/4"	350 SX, CIRC	NONE
5 1/2"	17#	5337'	7 7/8"	400 SX	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	4608'	

26. Perforation record (interval, size, and number)

5133' - 5171' (18 SHOTS)
4828' - 4987' (24 SHOTS)
4670' - 4704' (18 SHOTS)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5133'-5171'	FRAC W/ 60K# 16/30 PROPPANT
4828'-4987'	ACDZ W/ 2000 GAL NEFE 7½%
4828'-4987'	FRAC W/ 150K# 16/30 PROPPANT

28 **PRODUCTION** 4670'-4704' FRAC W/ 30K# 16/30 PROPPANT

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
1/9/05	PUMPING	PROD

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/11/05	24			271	1066	790	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.): SOLD

Test Witnessed By: SHANE GRAY

30. List Attachments: LOGS, DEVIATION SURVEY, DIRECTIONAL SURVAY

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

Signature [signature] Printed Name DIANA J. CANNON Title PRODUCTION ANALYST Date 2/9/05

E-mail Address PRODUCTION@MARBOB.COM

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 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	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T.Tubb	T. Delaware Sand 1838'	T.Todilto	T
T. Drinkard	T. Bone Springs 5218'	T. Entrada	T.
T. Abo	T.	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.....to..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

November 9, 2004

Marbob Energy Corporation
PO Drawer 227
Artesia, NM 88211-0227

NOV 11 2004

RE: Bar W Fee #1
2385' FSL & 990' FWL
Sec. 10, T17S, R27E
Eddy County, New Mexico

RECEIVED
FEB 10 2005
OCD-ARTESIA

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
119'	1/2°	465'	1 3/4°
290'	3/4°		

The remainder were directionally drilled and supplied by another company.

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me this 9th day of November, 2004.

Regina L. Garner
Notary Public

OFFICIAL SEAL
REGINIA L. GARNER
NOTARY PUBLIC - NEW MEXICO
NOTARY BOND FILED WITH SECRETARY OF STATE
MY COMMISSION EXPIRES: Aug 30, 2008

PathFinder Energy Services

Survey Report

Job No: J-WT-0410-0140
Date: 10/26/2004
Time: 11:13 am
Wellpath ID: BAR
Date Created: 10/21/2004
Last Revision: 10/26/2004

Calculated using the Minimum Curvarture Method
Computed using PDS VER2.2.6
Vertical Section Plane: 184.16 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

MARBOB
Bar "W" Fee #1
L&M #1
Eddy Co. NM
BAR

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	Build Rate (dg/100ft)	DLS (dg/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	0.00
448.00	0.09	283.36	448.00	448.00	-0.06	0.08 N	0.34W	0.02	0.02
548.00	1.14	122.35	100.00	547.99	0.40	0.43 S	0.42 E	1.05	1.23
581.00	1.41	124.89	33.00	580.99	0.76	0.84 S	1.03 E	0.82	0.84
612.00	1.85	125.94	31.00	611.97	1.22	1.35 S	1.75 E	1.42	1.42
643.00	2.20	138.60	31.00	642.95	1.90	2.09 S	2.55 E	1.13	1.83
675.00	2.81	151.69	32.00	674.92	2.99	3.24 S	3.33 E	1.91	2.60
705.00	3.34	157.58	30.00	704.88	4.40	4.70 S	4.01 E	1.77	2.05
736.00	4.13	165.84	31.00	735.81	6.26	6.62 S	4.63 E	2.55	3.08
767.00	4.57	173.75	31.00	766.72	8.54	8.93 S	5.03 E	1.42	2.40
797.00	4.66	181.93	30.00	796.63	10.93	11.33 S	5.12 E	0.30	2.21
829.00	4.22	186.50	32.00	828.53	13.41	13.80 S	4.95 E	-1.38	1.76
860.00	4.13	189.31	31.00	859.45	15.66	16.04 S	4.64 E	-0.29	0.72
891.00	3.87	192.91	31.00	890.37	17.80	18.16 S	4.22 E	-0.84	1.17
954.00	3.08	201.26	63.00	953.26	21.52	21.81 S	3.13 E	-1.25	1.49
1016.00	3.17	197.13	62.00	1015.17	24.79	25.00 S	2.02 E	0.15	0.39
1078.00	3.34	195.46	62.00	1077.07	28.23	28.38 S	1.04 E	0.27	0.31
1141.00	3.17	196.87	63.00	1139.96	31.73	31.81 S	0.04 E	-0.27	0.30
1202.00	3.52	197.75	61.00	1200.86	35.19	35.21 S	1.02W	0.57	0.58
1267.00	3.34	200.30	65.00	1265.74	38.95	38.89 S	2.28W	-0.28	0.36
1298.00	3.34	201.88	31.00	1296.69	40.68	40.57 S	2.93W	0.00	0.30
1328.00	3.17	190.63	30.00	1326.64	42.33	42.20 S	3.41W	-0.57	2.20
1391.00	3.08	173.05	63.00	1389.55	45.73	45.59 S	3.53W	-0.14	1.52
1421.00	2.90	166.55	30.00	1419.51	47.24	47.13 S	3.25W	-0.60	1.28
1453.00	2.90	169.97	32.00	1451.47	48.80	48.71 S	2.92W	0.00	0.54
1516.00	3.87	177.80	63.00	1514.36	52.45	52.41 S	2.56W	1.54	1.70

PathFinder Energy Services

Survey Report

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	Build Rate (dg/100ft)	DLS (dg/100ft)
1577.00	3.69	178.06	61.00	1575.23	56.45	56.42 S	2.42W	-0.30	0.30
1640.00	3.52	174.90	63.00	1638.10	60.38	60.38 S	2.18W	-0.27	0.41
1702.00	3.34	173.66	62.00	1699.99	64.03	64.07 S	1.81W	-0.29	0.31
1764.00	3.61	180.87	62.00	1761.88	67.76	67.81 S	1.64W	0.44	0.83
1828.00	3.43	187.64	64.00	1825.76	71.68	71.73 S	1.93W	-0.28	0.71
1921.00	3.17	187.64	93.00	1918.60	77.02	77.03 S	2.64W	-0.28	0.28
2015.00	2.99	190.54	94.00	2012.47	82.05	82.02 S	3.43W	-0.19	0.25
2109.00	2.81	187.90	94.00	2106.35	86.79	86.71 S	4.20W	-0.19	0.24
2171.00	2.29	195.02	62.00	2168.28	89.52	89.41 S	4.73W	-0.84	0.98
2202.00	2.20	196.96	31.00	2199.26	90.71	90.58 S	5.06W	-0.29	0.38
2233.00	1.76	201.00	31.00	2230.24	91.75	91.59 S	5.40W	-1.42	1.49
2297.00	0.70	234.75	64.00	2294.23	92.93	92.74 S	6.08W	-1.66	1.94
2390.00	0.70	245.47	93.00	2387.22	93.57	93.30 S	7.06W	0.00	0.14
2484.00	0.62	232.46	94.00	2481.21	94.18	93.85 S	7.98W	-0.09	0.18
2577.00	0.53	220.77	93.00	2574.21	94.86	94.48 S	8.66W	-0.10	0.16
2671.00	0.44	223.41	94.00	2668.21	95.49	95.07 S	9.19W	-0.10	0.10
2766.00	0.26	229.48	95.00	2763.20	95.92	95.48 S	9.61W	-0.19	0.19
2860.00	0.18	171.33	94.00	2857.20	96.22	95.76 S	9.75W	-0.09	0.24
2952.00	0.18	149.58	92.00	2949.20	96.48	96.03 S	9.65W	0.00	0.07
3107.00	0.18	203.72	155.00	3104.20	96.91	96.46 S	9.63W	0.00	0.11
3230.00	0.09	161.36	123.00	3227.20	97.18	96.73 S	9.68W	-0.07	0.10
3384.00	0.09	180.70	154.00	3381.20	97.41	96.97 S	9.64W	0.00	0.02
3571.00	0.18	143.43	187.00	3568.20	97.78	97.35 S	9.46W	0.05	0.06
3726.00	0.18	108.98	155.00	3723.20	98.03	97.62 S	9.09W	0.00	0.07
3881.00	0.26	76.46	155.00	3878.20	97.98	97.62 S	8.52W	0.05	0.09
4037.00	0.35	43.41	156.00	4034.20	97.51	97.19 S	7.85W	0.06	0.12
4222.00	0.44	21.85	185.00	4219.19	96.39	96.12 S	7.19W	0.05	0.09
4376.00	0.62	15.02	154.00	4373.18	95.01	94.77 S	6.76W	0.12	0.12
4530.00	0.62	8.96	154.00	4527.18	93.36	93.14 S	6.41W	0.00	0.04
4686.00	0.70	358.67	156.00	4683.17	91.57	91.36 S	6.30W	0.05	0.09
4841.00	0.79	6.67	155.00	4838.15	89.56	89.35 S	6.20W	0.06	0.09
4993.00	0.62	9.66	152.00	4990.14	87.70	87.50 S	5.94W	-0.11	0.11
5176.00	0.62	3.33	183.00	5173.13	85.72	85.53 S	5.72W	0.00	0.04
5298.00	0.79	345.58	122.00	5295.12	84.26	84.06 S	5.89W	0.14	0.23
STRAIGHT LINE PROJ TO TD									
5350.00	0.79	345.58	52.00	5347.12	83.58	83.36 S	6.07W	0.00	0.00