

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies		State of New Mexico Energy, Minerals and Natural Resources		Form C-105 Revised June 10, 2003	
District I 1625 N French Dr., Hobbs, NM 88240		Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		WELL API NO. 30-015-34396	
District II 1301 W Grand Avenue, Artesia, NM 88210				5. Indicate Type of Lease STATE ☒ FEE ☐	
District III 1000 Rio Brazos Rd., Aztec, NM 87410				State Oil & Gas Lease No.	
District IV 1220 S St Francis Dr., Santa Fe, NM 87505					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ 1b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. BACK ☐ WELL OVER RESVR ☐ OTHER _____				7. Lease Name or Unit Agreement Name A State	
2. Name of Operator Marbob Energy Corporation				8. Well No. 2	
3 Address of Operator PO Box 227 Artesia, NM 88211-0227				9. Pool name or Wildcat Artesia; Glorieta-Yeso	
4. Well Location Unit Letter <u>D</u> Feet From The _____ North _____ Line and _____ 508 _____ Feet From The _____ West _____ Line Section <u>34</u> Township <u>17S</u> Range <u>28E</u> NMPM Eddy County					
10. Date Spudded 7/4/07	11. Date T.D. Reached 7/11/07	12. Date Compl. (Ready to Prod.) 7/27/07	13. Elevations (DF& RKB, RT, GR, etc.) 3680' GL	14. Elev casinghead	
15. Total Depth 4194'	16. Plug Back T.D. 4173'	17. If Multiple Compl. How Many Zones?	18. Intervals Rotary Tools Drilled By	Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 3689' – 3906' Yeso				20. Was Directional Survey Made Yes	
21. Type Electric and Other Logs Run DLL, DSN				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#	501'	12 ¼"	450 sx	None
5 ½"	17#	4194'	7 7/8"	650 sx	None
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	Packer Set
26. Perforation record (interval, size, and number) 3689' – 3906' (20 shots)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3689' – 3906' Acid w/ 2000 gal NE Fe 15% HCl		
28. PRODUCTION					
Date First Production 7/29/07	Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Pumping			Well Status (<i>Prod or Shut-in</i>) Producing	
Date of Test 7/30/07	Hours Tested 24	Choke Size	Prod'n For Test Period	Gas - Bbl	Water - Bbl.
				3	336
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
29 Disposition of Gas (<i>Sold, used for fuel, vented, etc</i>) Sold				Test Witnessed By Jonathan Gray	
30 List Attachments Logs, Directional Survey					
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 	Printed Name Diana J. Briggs		Title Production Analyst	Date 8/22/07	
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 496'	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers 736'	T. Devonian		T. Menefee	T. Madison
T. Queen 1304'	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg 1750'	T. Montoya		T. Mancos	T. McCracken
T. San Andres 2060'	T. Simpson		T. Gallup	T. Ignacio Otzte
T. Glorieta 3592'	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		T.Todilto	T.
T. Drinkard	T. Bone Springs		T. Entrada	T.
T. Abo	T.Bowers 1088'		T. Wingate	T.
T. Wolfcamp	T.Lovington 2144'		T. Chinle	T.
T. Penn	T.Yeso 3690'		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

Pathfinder Energy

Survey Report

Company: Marbob Energy		Date: 07/16/2007	Time: 08:33:46	Page: 1
Field: A State #2		Co-ordinate(NE) Reference:	Site: A State #2, Grid North	
Site: A State #2		Vertical (TVD) Reference:	SITE 0.0	
Well: A State #2		Section (VS) Reference:	Well (0.00N,0.00E,65.44Azi)	
Wellpath: OH		Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: A State #2	
Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2005

Site: A State #2		
Site Position:	Northing: 653626.00 ft	Latitude: 32 47 48 486 N
From: Map	Easting: 550078.20 ft	Longitude: 104 10 13 307 W
Position Uncertainty: 0 00 ft		North Reference: Grid
Ground Level: 3680.00 ft		Grid Convergence: 0 09 deg

Well: A State #2		Slot Name:	
Well Position:	+N/-S 0.00 ft	Northing: 653626.00 ft	Latitude: 32 47 48.486 N
	+E/-W 0.00 ft	Easting: 550078.20 ft	Longitude: 104 10 13 307 W
Position Uncertainty:	0 00 ft		

Wellpath: OH		Drilled From: Surface	
Current Datum: SITE	Height 0.00 ft	Tie-on Depth:	0.00 ft
Magnetic Data: 07/05/2007		Above System Datum:	Mean Sea Level
Field Strength: 49336 nT		Declination:	8.37 deg
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle:	60 72 deg
ft	ft	+E/-W	Direction
		ft	deg
0 00	0.00	0.00	65.44

Survey: Pathfinder MWD	Start Date: 07/16/2007
Company: Pathfinder Energy	Engineer:
Tool:	Tied-to: From Surface

Survey: Pathfinder MWD										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0 00	0 00	0.00	0.00	0 00	0 00	0 00	0 00	
560.00	0 88	153.04	559.98	-3 83	1 95	0 18	0 16	0 16	0 00	
952.00	0 53	191.88	951 95	-8 29	2 94	-0 77	0 15	-0 09	9 91	
1000.00	0 57	83.44	999.95	-8 48	3 13	-0 67	1 86	0 09	-225.93	KOP @ 1000' TVD/MD Begin
1003.00	0 62	80.53	1002.95	-8 48	3 16	-0 64	1 86	1 57	-96.84	
1035.00	1 14	74 37	1034.94	-8 36	3 64	-0 16	1 65	1 62	-19 25	
1067.00	2 29	67 78	1066.93	-8 03	4 54	0 79	3 64	3 59	-20 59	
1130.00	4 92	60 14	1129 80	-6 21	8 05	4 74	4 23	4 17	-12 13	
1162.00	5 80	62 24	1161 66	-4 78	10 67	7 72	2 82	2 75	6 56	
1194.00	6 51	65 23	1193 47	-3 26	13 75	11 15	2 43	2 22	9 34	
1226.00	7 39	67 87	1225 24	-1 73	17 30	15 02	2 92	2 75	8 25	
1258.00	8 35	69 19	1256 94	-0 13	21 38	19 39	3 05	3 00	4 12	
1301.89	8 91	67 62	1300 33	2 30	27 50	25 97	1 38	1 27	-3 59	End Build @ 1302' MD/ 130
1321.00	9 15	66 99	1319 20	3 46	30 27	28 96	1 38	1 28	-3 28	
1416.00	8 53	66 38	1413.08	9 23	43 67	43 56	0 66	-0 65	-0 64	
1511.00	8 44	64 88	1507 04	15 01	56 44	57 58	0 25	-0 09	-1 58	
1606.00	8 62	63 30	1600 98	21 17	69 12	71 66	0 31	0 19	-1 66	
1701.00	8 79	59 78	1694 89	28 03	81 75	86 00	0 59	0 18	-3 71	
1795.00	7 65	60 49	1787 92	34 72	93 40	99 38	1 22	-1 21	0 76	
1890.00	8 97	63 56	1881 92	41 13	105 53	113 08	1 47	1 39	3 23	
1986.00	8 88	62 33	1976 76	47 91	118 80	127 96	0 22	-0 09	-1 28	
2081.00	8 88	63 83	2070 62	54 55	131 87	142 61	0 24	0 00	1 58	
2176.00	9 58	61 63	2164 39	61 54	145 41	157 83	0 83	0 74	-2 32	
2269.00	9 50	59 26	2256 11	69 14	158 81	173 18	0 43	-0 09	-2 55	

Pathfinder Energy

Survey Report

Company: Marbob Energy Field: A State #2 Site: A State #2 Well: A State #2 Wellpath: OH	Date: 07/16/2007 Time: 08.33.46 Page: 2 Co-ordinate(NE) Reference: Site: A State #2, Grid North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,65.44Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey: Pathfinder MWD

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2364.00	9.15	59.87	2349.85	76.94	172.09	188.49	0.38	-0.37	0.64	
2459.00	8.88	61.19	2443.68	84.26	185.04	203.32	0.36	-0.28	1.39	
2554.00	8.53	61.89	2537.58	91.11	197.68	217.67	0.38	-0.37	0.74	
2649.00	9.58	65.41	2631.40	97.72	211.09	232.61	1.25	1.11	3.71	
2744.00	9.32	66.38	2725.11	104.10	225.32	248.20	0.32	-0.27	1.02	
2839.00	9.23	67.43	2818.87	110.10	239.41	263.51	0.20	-0.09	1.11	
2933.00	8.79	67.87	2911.71	115.70	253.02	278.22	0.47	-0.47	0.47	
3028.00	8.44	67.34	3005.64	121.12	266.18	292.44	0.38	-0.37	-0.56	
3123.00	8.88	67.17	3099.55	126.65	279.37	306.74	0.46	0.46	-0.18	
3218.00	8.53	68.22	3193.46	132.11	292.67	321.10	0.40	-0.37	1.11	
3313.00	8.97	65.58	3287.35	137.79	305.96	335.55	0.63	0.46	-2.78	
3409.00	8.88	65.76	3382.19	143.92	319.53	350.44	0.10	-0.09	0.19	
3503.00	8.88	66.46	3475.06	149.80	332.79	364.95	0.11	0.00	0.74	
3694.00	8.35	66.99	3663.91	161.11	359.07	393.55	0.28	-0.28	0.28	
3788.00	8.71	69.10	3756.87	166.32	372.01	407.48	0.51	0.38	2.24	
3883.00	8.88	71.12	3850.75	171.25	385.66	421.95	0.37	0.18	2.13	
3978.00	8.79	68.84	3944.63	176.25	399.37	436.49	0.38	-0.09	-2.40	Final MWD Survey @ 3978'
4024.00	8.79	68.84	3990.09	178.78	405.93	443.51	0.00	0.00	0.00	Proj. to Bit @ 4024' MD

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
PBHL		4200.00	202.00	442.00	653828.00	550520.20	32	47	50.478 N	104	10	8 125 W

Annotation

MD ft	TVD ft	
1000.00	999.95	KOP @ 1000' TVD/MD Begin Build @ 3°/100'
1301.89	1300.33	End Build @ 1302' MD/ 1301' TVD , Begin Hold to TD
3978.00	3944.63	Final MWD Survey @ 3978' MD
4024.00	3990.09	Proj. to Bit @ 4024' MD

Marbob Energy

PATHFINDER

Field: A State #2
 Site: A State #2
 Well: A State #2
 Wellpath: OH
 Survey: Pathfinder MWD

SITE DETAILS

A State #2
 Site Centre Northing 653626.00
 Easting 550078.20
 Ground Level 3680.00
 Positional Uncertainty 0.00
 Convergence 0.09

WELLPATH DETAILS

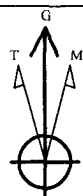
OH
 Rig Ref Datum
 SCTL 0.00ft
 V Section Angle 65.44°
 Origin +N/-S 0.00
 Origin +E/-W 0.00
 Starting From TVD 0.00

ANNOTATIONS

No	TVD	MD	Annotation
1	999.95	1000.00	KOP @ 1000' TVD/MD Begin Build @ 3°/100'
2	1300.33	1301.89	End Build @ 1302' MD/1301' TVD, Begin Hold to TD
3	3944.63	3978.00	Final MWD Survey @ 3978' MD
4	3990.09	4024.00	Proj. to Bit @ 4024' MD

Survey Pathfinder MWD (A State #2/OH)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
15	3503.00	8.88	66.46	3475.06	149.80	332.79	0.11	90.35	364.95
36	3694.00	8.35	66.99	3663.91	161.11	359.07	0.28	171.74	393.55
37	3788.00	8.71	69.10	3756.87	166.32	372.01	0.51	42.05	407.48
38	3883.00	8.88	71.12	3850.75	171.25	385.66	0.37	62.17	421.95
39	3978.00	8.79	68.84	3944.63	176.25	399.37	0.38	-105.54	436.49
40	4024.00	8.79	68.84	3990.09	178.78	405.93	0.00	0.00	443.51



Azimuths to Grid North
 True North -0.09°
 Magnetic North 8.28°
 Magnetic Field
 Strength 49336nT
 Dip Angle 60.72°
 Date: 07/05/2007
 Model: mgr2005

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
PB11L	4200.00	202.00	442.00	Point

