

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-35247
5. Indicate Type Of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER <u>Plug and Abandon</u>		7. Lease Name or Unit Agreement Name Barracuda "9" State			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER <u>Plug</u>		8. Well No. #1			
2. Name of Operator Marathon Oil Company		9. Pool name or Wildcat Wildcat/ Leamex / Wolfcamp North			
3. Address of Operator P.O. Box 552 Midland, TX 79702					
4. Well Location SUR Unit Letter "D" : 989' Feet From The North Line and 818' Feet From The West Line BHL 617 / 12 381 / 12 Section 9 Township 17-S Range 33-E NMPM Lea County					
10. Date Spudded 11/25/00	11. Date T.D. Reached 12/10/00	12. Date Compl. (Ready to Prod.) Plug	13. Elevations (DF & RKB, RT, GR, etc.) 4200' G.L.	14. Elev. Casinghead N/A	
15. Total Depth 4992'	16. Plug Back T.D. 4507'	17. If Multiple Compl. How Many Zones? N/A	18. Intervals Drilled By X	Rotary Tools X	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name N/A					20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Gamma Ray					22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.50#	469.45'	17.5"	550 sks. PBC2 Circ. to sur	N/A
9-5/8"	36 #	4544'	12-1/4"	1365 sks. Hal Lite	N/A

LINER RECORD

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

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

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

PRODUCTION

28. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Dry Hole	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
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.)

Test Witnessed By

30. List Attachments

31. 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

Signature *Jerry Fletcher* Printed Name Jerry Fletcher Title Engineer Tech. Date 12/28/00

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

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinbry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northeastern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	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

SCIENTIFIC DRILLING CONTROLS

Outrun Survey
for
Mack Energy

Page 1

Well No.: Barracuda 9 State 1

Date : 11-DEC-2000

Job No. : 32F1200519

True

Proposal : 0.00

Depth Feet :	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	100.00	0.02	0.02	5.23	0.02	0.00	0.02
200.00	200.00	0.17	0.15	2.76	0.17	0.01	0.13
300.00	300.00	0.32	0.15	81.25	0.32	0.14	0.19
400.00	400.00	0.25	0.19	122.79	0.25	0.41	0.13
500.00	500.00	0.04	0.20	132.37	0.04	0.68	0.03
600.00	600.00	-0.18	0.27	114.91	-0.18	1.02	0.10
700.00	700.00	-0.44	0.31	127.47	-0.44	1.45	0.07
800.00	800.00	-0.74	0.23	133.33	-0.74	1.81	0.08
900.00	899.99	-0.95	0.20	112.16	-0.95	2.12	0.08
1000.00	999.99	-0.99	0.20	83.90	-0.99	2.46	0.10
1100.00	1099.99	-0.84	0.33	62.43	-0.84	2.89	0.16
1200.00	1199.99	-0.48	0.41	50.21	-0.48	3.42	0.11
1300.00	1299.99	0.11	0.44	20.22	0.11	3.82	0.22
1400.00	1399.98	0.88	0.55	31.09	0.88	4.20	0.14
1500.00	1499.98	1.72	0.53	20.50	1.72	4.61	0.10
1600.00	1599.97	2.65	0.57	352.07	2.65	4.71	0.27
1700.00	1699.97	3.76	0.73	345.23	3.76	4.48	0.18
1800.00	1799.96	5.04	0.79	344.45	5.04	4.13	0.06
1900.00	1899.95	6.36	0.79	343.37	6.36	3.75	0.01
2000.00	1999.94	7.72	0.83	344.82	7.72	3.36	0.04
2100.00	2099.93	9.05	0.78	338.31	9.05	2.92	0.10
2200.00	2199.92	10.31	0.78	336.74	10.31	2.40	0.02
2300.00	2299.91	11.48	0.70	27.16	11.48	2.41	0.63
2400.00	2399.90	12.59	1.11	54.16	12.59	3.47	0.58
2500.00	2499.87	13.68	1.65	68.82	13.68	5.60	0.64
2600.00	2599.83	14.76	1.70	67.77	14.76	8.32	0.06
2700.00	2699.78	15.50	1.76	83.31	15.50	11.21	0.47
2800.00	2799.73	15.47	1.88	97.45	15.47	14.37	0.46
2900.00	2899.68	14.94	1.72	101.93	14.94	17.46	0.21
3000.00	2999.65	14.33	1.22	106.79	14.33	19.95	0.51
3100.00	3099.64	13.65	0.62	133.01	13.65	21.36	0.72
3200.00	3199.62	13.04	1.67	260.57	13.04	20.32	2.11
3300.00	3299.51	12.78	3.62	269.63	12.78	15.73	1.99
3400.00	3399.09	13.55	6.84	277.57	13.55	6.66	3.29
3500.00	3497.78	16.92	11.50	285.03	16.92	-8.88	4.80
3600.00	3594.82	24.91	16.35	292.59	24.91	-31.51	5.17
3700.00	3690.05	37.81	17.18	297.10	37.81	-59.14	3.14
3800.00	3783.47	54.95	22.57	300.20	54.95	-90.36	3.56
3900.00	3874.81	76.40	25.48	303.25	76.40	-124.94	3.16

SCIENTIFIC DRILLING CONTROLS

Outrun Survey
for
Mack Energy

Page 2

11 No.: Barracuda 9 State 1

Date : 11-DEC-2000

b No. : 32k1200519

Proposal : 0.00

Depth	T.V.D.	V.S.	Inc	True Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
Feet)	(Feet)	(Feet)	Deg.	Deg.	(Feet)	(Feet)	

1000.00	3963.61	102.80	29.23	306.69	102.80	-162.53	4.07
1100.00	4049.23	134.40	32.96	308.68	134.40	-203.35	3.87
1200.00	4134.26	168.33	30.56	311.75	168.33	-243.56	3.89
1300.00	4221.74	201.39	27.36	314.53	201.39	-278.92	3.47
1400.00	4311.79	232.31	24.18	316.28	232.31	-309.47	3.27
4500.00	4404.07	260.27	21.06	317.07	260.27	-335.87	3.13
4600.00	4497.80	285.95	19.78	317.72	285.95	-359.49	1.30
4700.00	4591.91	311.02	19.74	317.99	311.02	-382.17	0.10
4800.00	4686.07	336.03	19.63	317.91	336.03	-404.74	0.11
4900.00	4780.23	360.96	19.70	317.68	360.96	-427.34	0.10
4944.00	4821.62	372.05	19.97	318.33	372.05	-437.33	0.79

The Horizontal Displacement (in Feet) at
Measured Depth 4944.00 is 574.18 in a Direction of 310.39 Degrees