

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P O Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-015-33203
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-514

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Diamondbacks State	
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☒ OTHER _____		8. Well No.	
2. Name of Operator Mack Energy Corporation		9. Pool name or Wildcat Grayburg;Atoka (Gas)	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960			
4. Well Location Unit Letter <u>G</u> : <u>2040</u> Feet From The <u>North</u> <u>2140</u> Feet From The <u>East</u> Line Section <u>28</u> Township <u>17S</u> Range <u>29E</u> NMPM <u>Eddy</u> County			
10. Date Spudded 2/16/2004	11. Date TD Reached 4/4/2004	12. Date Compl. (Ready to Prod.) 5/28/2004	13. Elevations (DF & RKB, RT, GR, etc.) 3582' RKB
14. Elev. Casinghead 3565'			
15. Total Depth 11204	16. Plug Back TD 10575	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Yes Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 10380-10390', Atoka			20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Gamma Ray, Neutron, Density, Lateralog, Spectral 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	48	383	17 1/2	580 sx	None
9 5/8	40	4600	12 1/4	1790 sx	None
5 1/2	17	11200	7 7/8	3280 sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	10328	10328

26. Perforation record (interval, size, and number) 10380-10390', .45, 40	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	10380-10390'	1500 gals 10% MS/Methanol acid
	10380-10390'	106,000 SCF N2

28. PRODUCTION							
Date First Production 5/30/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 6/3/2004	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 1	Gas - MCF 319	Water- Bbl. 1	Gas - Oil Ratio 319
Flow Tubing Press. 260#	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 1	Gas - MCF 319	Water- Bbl. 1	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Robert C. Chase	
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30. List Attachments Deviation Survey and Logs							
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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 <u>Jerry W. Sherrell</u>		Printed Name <u>Jerry W. Sherrell</u>		Title <u>Production Clerk</u>		Date <u>6/29/2004</u>	

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 9952	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka 10212	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 816	T. Miss 11145	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 1116	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 1512	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg 2147	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 2462	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta 3968	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 6082	T. Morrow Lime 10461	T. Wingate _____	T. _____
T. Wolfcamp 7322	T. Morrow Clastics 10643	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) 8548	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

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

No. 3, 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

OPERATOR: MACK ENERGY
 WELL/LEASE: DIAMONDBACK ST 1
 COUNTY: EDDY

003-0025

STATE OF NEW MEXICO
 DEVIATION REPORT

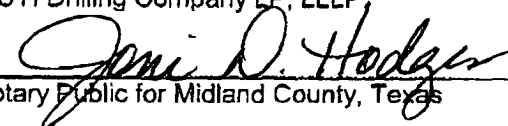
189	1	7813	1 1/2
383	3/4	8098	1 1/4
673	1	8479	1
1051	1/2	8813	1/2
1524	1/2	9270	1 3/4
1997	1	9460	3/4
2471	3/4	9737	3/4
2945	2 1/4	10019	1/2
3041	2	10238	1/4
3234	1 1/2	10773	1/2
3456	1 1/2	11200	1
3898	1 1/4		
4339	1 1/2		
4600	1 1/4		
4997	1 1/2		
5220	1 3/4		
5472	3		
5599	3		
5820	2 3/4		
6041	2 3/4		
6168	2 1/4		
6389	1 3/4		
6611	2 1/4		
6866	1 3/4		
7118	2		
7370	2 1/2		
7560	1 3/4		



By: 

STATE OF TEXAS
 COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 3rd day of May, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.


 Notary Public for Midland County, Texas

