

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. 30-015-32740-32749	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. B-2613	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Safari 36 State Com	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐		8. Well No. 1	
2. Name of Operator Mack Energy Corporation		9. Pool name or Wildcat Cedar Lake Morrow, East	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960		DEC 29 2003 OCD-ARTESIA	
4. Well Location Unit Letter <u>P</u> : <u>990</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>17S</u> Range <u>31E</u> NMPM <u>Eddy</u> County			
10. Date Spudded 6/22/2003	11. Date TD Reached 8/12/2003	12. Date Compl. (Ready to Prod.) 11/19/2003	13. Elevations (DF & RKB, RT, GR, etc.) 3865' RKB
14. Elev. Casinghead 3848'			
15. Total Depth 12,720'	16. Plug Back TD 12,673'	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 12,513-12,544', Morrow			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	54.5	821	17 1/2	700 sx	None
8 5/8	32	5006	11	2050 sx	None
5.5	17	12,720	7 7/8	1475 sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	12,564'	

26. Perforation record (interval, size, and number) 12,513-12,544', .45,	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	12,513-12,544'	1250 gals 7.5% NEFE HCL
	12,513-12,544'	1500 gals ISOSOL, 32 tons CO2
12,513-12,544'	46,750# 20/40 sand	

28. PRODUCTION							
Date First Production 11/20/2003		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2x1 1/4x24' Pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 12/15/2003	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 28	Water - Bbl. 100	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 28	Water - Bbl. 100	Oil Gravity - API - (Corr.) N/A	

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, 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 Jerry W. Sherrell Printed Name Jerry W. Sherrell Title Production Clerk Date 12/19/2003

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 11372	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka 11652	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2312	T. Miss 12614	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 2746	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3414	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg 3866	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4360	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 4580	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs 7690	T. Entrada _____	T. _____
T. Abo _____	T. Morrow 12010	T. Wingate _____	T. _____
T. Wolfcamp 9346	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) 10320	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 CORP.
WELL/LEASE: SAFARI 36 ST. COM. 1
COUNTY: EDDY

045-0011

STATE OF NEW MEXICO
DEVIATION REPORT

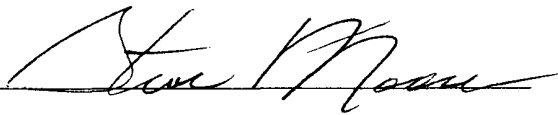
478	0.75	8,828	1.25
821	1.25	9,018	0.75
1,106	1.00	9,208	1.50
1,489	1.00	9,398	2.25
1,810	1.50	9,689	3.00
2,163	1.00	9,779	3.25
2,516	1.00	9,873	4.00
2,770	1.00	9,968	3.25
3,052	2.00	10,062	3.50
3,396	2.00	10,156	3.50
3,646	2.25	10,346	3.00
3,897	2.00	10,536	3.00
4,181	1.75	10,725	4.00
4,463	2.25	10,820	3.00
4,751	3.00	10,946	3.00
5,291	3.50	11,072	2.75
5,577	3.50	11,261	3.00
5,704	3.75	11,642	3.00
5,798	4.00	11,860	2.75
5,894	4.25	12,050	4.25
5,988	4.00	12,176	3.00
6,081	3.60	12,617	2.50
6,122	3.00	12,720	2.00
6,154	2.50		
6,185	1.30		
6,375	0.80		
6,439	0.70		
6,532	1.00		
6,896	2.25		
7,181	2.75		
7,340	2.50		
7,466	2.75		
7,593	2.00		
7,751	2.75		
7,941	2.75		
8,067	2.75		
8,258	2.25		
8,448	2.00		
8,638	2.50		

RECEIVED

DEC 29 2003

OOD-ARTESIA

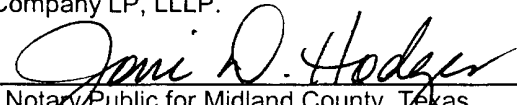
By:



STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 29th day of August, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.


Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

