

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

5

WELL API NO. 30-015-32743
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-4109
7. Lease Name or Unit Agreement Name Aoudad State
8. Well No. 5
9. Pool name or Wildcat Maljamar GB SA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐					7. Lease Name or Unit Agreement Name Aoudad State				
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐					8. Well No. 5				
2. Name of Operator Mack Energy Corporation					9. Pool name or Wildcat Maljamar GB SA				
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960									
4. Well Location Unit Letter <u>B</u> : <u>990</u> Feet From The <u>North</u> Line and <u>2310</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 5/31/2003		11. Date TD Reached 6/10/2003		12. Date Compl. (Ready to Prod.) 6/26/2003		13. Elevations (DF & RKB, RT, GR, etc.) 3847.5' RKB		14. Elev. Casinghead 3835'	
15. Total Depth 4345'		16. Plug Back TD 4324'		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 3893.5-3991' GB/SA							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	68	825'	17 1/2	700 sx	None
9 5/8	53.5	2201'	12 1/4	750 sx	None
5 1/2	17	4338'	7 7/8	895 sx	None

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 7/8	4003'	

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3893.5-3991', .45, 27			3893.5-3991'	2000 gals 15% NEFE Acid
			3893.5-3991'	237,500# sand
			3893.5-3991'	2647 bbls 40# gel

PRODUCTION

28. Date First Production 7/4/2003		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2x2x20' Pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 7/23/2003	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 55	Gas - MCF 89	Water- Bbl. 550	Gas - Oil Ratio 1618
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 55	Gas - MCF 89	Water- Bbl. 550	Oil Gravity - API - (Corr.) 39	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Robert C. Chase	

30. List Attachments
Deviation Survey, Logs

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 Crissa D. Carter Printed Name Crissa D. Carter Title Production Analyst Date 8/5/2003

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 _____ 2188	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2592	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3208	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3588	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4016	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 _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	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. 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

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

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

June 24, 2003

Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

RE: Aoudad St #5
990' FNL & 2310' FEL
Sec. 36, T17S, R31E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
220'	1/4°	2206'	1°
405'	3/4°	2499'	1 1/4°
691'	2°	2717'	3/4°
839'	1 1/2°	3185'	3/4°
1050'	1°	3715'	1°
1300'	3/4°	4180'	1 1/4°
1614'	3/4°	4337'	1°
1922'	1°	4343'	1°

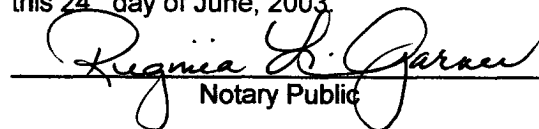
Very truly yours,



Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 24th day of June, 2003.


Notary Public

