

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

DISTRICT II
811 South First, Artesia, NM 88210

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

WELL API NO. 30-015-34036
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VB-0619

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____				7. Lease Name or Unit Agreement Name Catfish State	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER <u>RECEIVED</u>				8. Well No. 4	
2. Name of Operator Mack Energy Corporation				9. Pool name or Wildcat Grayburg Jackson SR Q G SA	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960					
4. Well Location Unit Letter <u>H</u> : <u>2310</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>East</u> Line Section <u>24</u> Township <u>16S</u> Range <u>31E</u> NMPM <u>Eddy</u> County					
10. Date Spudded 5/4/2005	11. Date TD Reached 5/16/2005	12. Date Compl. (Ready to Prod.) 6/9/2005	13. Elevations (DF & RKB, RT, GR, etc.) 4379' GR	14. Elev. Casinghead 4379'	
15. Total Depth 4305	16. Plug Back TD 4285	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 3650-4220', GB/SA				20. Was Directional Survey Made Yes	
21. Type Electric and Other Logs Run Compensated Neutron Gamma Ray Spectroscopy				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	322	17 1/2	350 sx	None
8 5/8"	24	1222	12 1/4	525 sx	None
5 1/2"	15.5	4303	7 7/8	1150 sx	None

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	4234	

26. Perforation record (interval, size, and number) 3650-4220', .45, 82	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4085.5-4220'	See C-103 for detail
	3650-3674'	See C-103 for detail

28. PRODUCTION	
Date First Production 6/12/2005	Production Method (Flowing, gas lift, pumping - Size and type pump) 2x1 1/2x20' pump
Well Status (Prod. or Shut-in) Producing	
Date of Test 6/21/2005	Hours Tested 24 hours
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.
48	Gas - MCF
tstm	Water - Bbl.
225	Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Robert C. Chase
--	--------------------------------------

30. List Attachments Deviation Survey and 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 Jerry W. Sherrell Printed Name Jerry W. Sherrell Title Production Clerk Date 7/5/2005

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

Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
Yates _____ 2468	T. Miss _____	T. Cliff House _____	T. Leadville _____
7 Rivers _____ 2765	T. Devonian _____	T. Menefee _____	T. Madison _____
Queen _____ 3364	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
Grayburg _____ 3780	T. Montoya _____	T. Mancos _____	T. McCracken _____
San Andres _____ 4118	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
Blainebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
Abo _____	T. _____	T. Wingate _____	T. _____
Wolfcamp _____	T. _____	T. Chinle _____	T. _____
Penn _____	T. _____	T. Permian _____	T. _____
Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

o. 1, from.....to..... No.3,from.....to.....
o. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

clude data on rate of water inflow and elevation to which water rose in hole.

o. 1, from to feet.....

o. 2, from to feet.....

o. 3, from to feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology



Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors

PO Box 1370
505/746-6651

Artesia, NM 88211-1370
746-3518 fax 748-2205

May 24, 2005

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

RE: Catfish State #4
2310' FNL & 330' FEL
Sec. 24, T16S, R31E
Eddy County, New Mexico

Gentlemen:

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

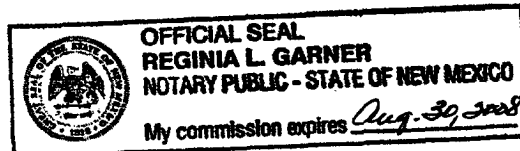
DEPTH	DEVIATION	DEPTH	DEVIATION
523'	1°	2456'	1°
823'	1°	2797'	1°
1193'	1°	3106'	1°
1528'	1°	3416'	1°
1828'	1/2°	3716'	1 1/2°
2142'	3/4°	4305'	1 1/2°

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 May, 2005.

Notary Public

05-1331

Serving Southeast New Mexico and West Texas Since 1974