

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. 30-015-34157	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. V-6499	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____					7. Lease Name or Unit Agreement Name Dove State				
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 Grayburg-San Andres				
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960									
4. Well Location Unit Letter <u>J</u> : <u>2310</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>16S</u> Range <u>29E</u> NMPM <u>Eddy</u> County									
10. Date Spudded 7/8/2005		11. Date TD Reached 7/20/2005		12. Date Compl. (Ready to Prod.) 8/4/2005		13. Elevations (DF & RKB, RT, GR, etc.) 3669' RKB		14. Elev. Casinghead 3660' GR	
15. Total Depth 4570		16. Plug Back TD 4535		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 2814-3074', San Andres								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"	41	313	17 1/2	375 sx	None
8 5/8"	24	910	12 1/4	500 sx	None
5 1/2"	15.5	4557	7 7/8	1455 sx	None

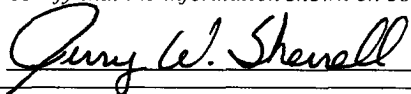
24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	3094	

26. Perforation record (interval, size, and number) 2814-3074', .45, 39	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	2814-3074'	2500 gals 15% HCL
	2814-3074'	8000# 14/30 and 24,860 gals 9.5# brine
	2814-3074'	91,350# 16/30 sand, 54,978 gals 40# gel

28. PRODUCTION							
Date First Production 8/13/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 2 x 24' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 8/29/2005	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 20	Gas - MCF tstm	Water- Bbl. 517	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 20	Gas - MCF tstm	Water- Bbl. 517	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 	Printed Name Jerry W. Sherrell	Title Production Clerk	Date 9/13/2005

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

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 _____ 850	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1092	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1628	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2028	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2392	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3880	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. Permain _____	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



Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors

PO Box 1370
505/746-6651

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

July 26, 2005

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

RECEIVED

JUL 27 2005

RE: Dove State #1
2310' FSL & 1650' FEL
Sec. 16, T16S, R29E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
110'	3/4°	2228'	1/4°
204'	1/4°	2752'	3/4°
329'	1 1/4°	3097'	1/2°
417'	3/4°	3349'	1/2°
649'	3/4°	3659'	1°
870'	1 1/4°	3970'	1°
1102'	3/4°	4251'	1°
1353'	1°	4522'	1°
1603'	1/4°	4570'	1°
1970'	1/2°		

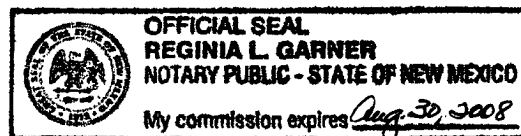
RECEIVED
SEP 14 2005
ODD-ARTECOIA

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 26th day of July, 2005.

Notary Public

05-1345

Serving Southeast New Mexico and West Texas Since 1974