

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. 30-015-34559
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2613

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name Willow State	
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> Deepen <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____		8. Well No. 8	
2. Name of Operator COG Operating LLC		9. Pool name or Wildcat Fren Paddock	
3. Address of Operator 550 W. Texas, Suite 1300, Midland, TX 79701			
4. Well Location Unit Letter <u>O</u> : <u>330</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>17S</u> Range <u>31E</u> NMPM <u>Eddy</u> County			
10. Date Spudded 2/9/2006	11. Date TD Reached 2/24/2006	12. Date Compl. (Ready to Prod.) 3/20/2006	13. Elevations (DF & RKB, RT, GR, etc.) 3823' RKB
14. Elev. Casinghead 3814' GR			
15. Total Depth 6310	16. Plug Back TD 6301	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 5380.5-5845.5', Paddock			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, H-40	48	447	17 1/2	448sx	None
8 5/8, J-55	32	1630	12 1/4	980sx	None
5 1/2, J-55	17	6301	7 7/8	1315sx	None

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	5857

26. Perforation record (interval, size, and number) 5380.5-5845.5', .42, 123	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5380.5-5845.5'	See C-103 for detail

28. PRODUCTION							
Date First Production 3/23/2006		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 3/30/2006	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 76	Gas - MCF 121	Water- Bbl. 250	Gas - Oil Ratio 1592
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 76	Gas - MCF 121	Water- Bbl. 250	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

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 4/21/2006

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 _____ 1676	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2000	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2606	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2990	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3314	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 4828	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

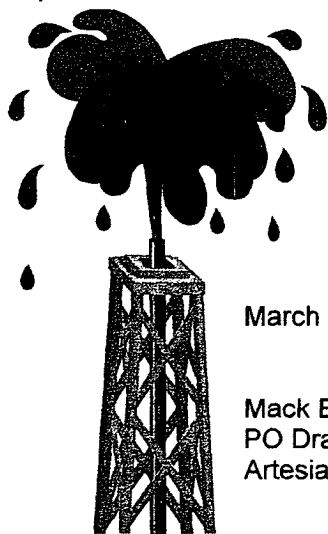
Include data on rate of water inflow and elevation to which water rose in hole.

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



Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors

PO Box 1370
505/746-6651

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

March 3, 2006

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

RECEIVED
APR 24 2006
OCC-ARTESIA

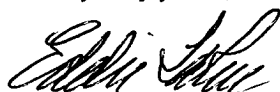
RE: Willow State #8
330' FSL & 1650' FEL
Sec. 16, T17S, R31E
Eddy County, New Mexico

Gentlemen:

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

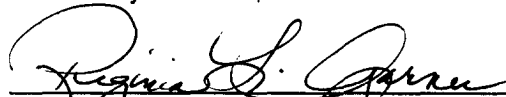
DEPTH	DEVIATION	DEPTH	DEVIATION
184'	1°	3031'	2°
337'	3 1/4°	3342'	1 3/4°
450'	3°	3529'	2 1/4°
554'	2°	3840'	2 1/4°
728'	1 1/2°	4153'	2 1/4°
956'	1°	4497'	2°
1174'	1°	4807'	2 1/4°
1360'	1/2°	5083'	2 1/4°
1849'	1/4°	5342'	2°
2224'	3/4°	5740'	1 3/4°
2599'	1°	6310'	1 3/4°

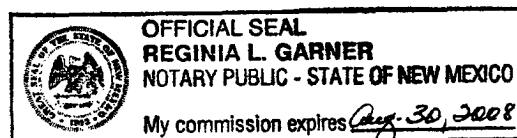
Very truly yours,


Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 3rd day of March, 2006.


Notary Public



06-1403

Serving Southeast New Mexico and West Texas Since 1974