

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. 30-015-33510
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-4070

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____					7. Lease Name or Unit Agreement Name Southern Cross 16 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 _____					RECEIVED DEC 1 2004				
2. Name of Operator Mack Energy Corporation					8. Well No. 2Y				
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960					9. Pool name or Wildcat Penasco Draw; Permo Penn (Gas)				
4. Well Location Unit Letter <u>P</u> : <u>660</u> Feet From The <u>South</u> Line and <u>675</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>18S</u> Range <u>24E</u> NMPM <u>Eddy</u> County									
10. Date Spudded 8/17/2004		11. Date TD Reached 9/9/2004		12. Date Compl. (Ready to Prod.) 10/12/2004		13. Elevations (DF & RKB, RT, GR, etc.) 3746' RKB		14. Elev. Casinghead 3730'	
15. Total Depth 7153		16. Plug Back TD 7136		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 6435-6479', Penn							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
8 5/8	24	1209	12 1/4	700 sx	None
5 1/2	17	7147	7 7/8	1923 sx	None

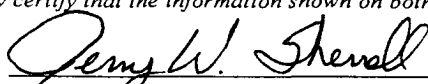
24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	6440	

26. Perforation record (interval, size, and number) 6435-6479', .45, 30	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.						
	DEPTH INTERVAL			AMOUNT AND KIND MATERIAL USED			
	6435-6479'			4600 gals 20% NEFE			

28. PRODUCTION							
Date First Production 10/26/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 11/11/2004	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 2	Gas - MCF 50	Water - Bbl. 9	Gas - Oil Ratio 25,000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 2	Gas - MCF 50	Water - Bbl. 9	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 11/30/2004	

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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 1814	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 3146	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 3806	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5172	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____ 6196	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 Artesia, NM 88211-1370
505/746-6651 746-3518 fax 748-2205

September 23, 2004

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

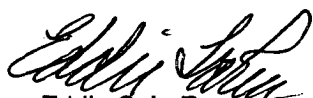
RE: Southern Cross 16-2Y
660' FSL & 675' FEL
Sec. 16, T18S, R24E
Eddy County, New Mexico

Gentlemen:

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


DEPTH	DEVIATION	DEPTH	DEVIATION
257'	1/4°	3936'	1/2°
534'	1°	4488'	2 1/2°
814'	1°	4613'	2°
1093'	3/4°	4802'	2°
1188'	3/4°	4988'	2°
1472'	3/4°	5236'	1°
1753'	1/4°	5732'	3/4°
2252'	1/4°	6228'	1°
2750'	1/4°	6353'	1 1/4°
3156'	1°	6841'	1 1/4°
3531'	1/4°	7150'	1 1/4°

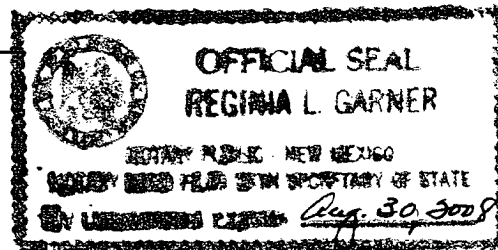
Very truly yours,


Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 23rd day of September, 2004.


Regina L. Garner
Notary Public



04-1294

Serving Southeast New Mexico and West Texas Since 1974