

**WHITE OAK STATE #7**  
**API#: 30-015-34583**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4530 - 4630	Acidize w/ 2500 gals acid.
	Frac w/ 40,900 gals fresh water,
	39,956# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4720 - 4820	Acidize w/ 2500 gals acid.
	Frac w/ 40,330 gals fresh water,
	37,049# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

District I  
1625 N French Dr., Hobbs, NM 88240  
District II  
1301 W Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S St Francis Dr., Santa Fe, NM 87505

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
Permit 22458

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-015-34581	2 Pool Code 96210	3 Pool Name EMPIRE; YESO
4 Property Code 21114	5 Property Name WHITE OAK STATE	
6 Well No 007	7 OGRID No 13837	
8 Operator Name MACK ENERGY CORP	9 Elevation 3683	

**10. Surface Location**

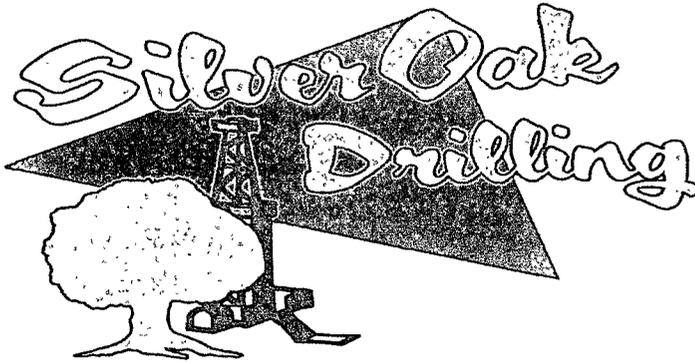
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	23	17S	28E		990	S	2310	E	EDDY

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12 Dedicated Acres 40 00		13 Joint or Infill			14 Consolidation Code		15 Order No		

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: Jerry Sherrell Title: Production Clerk Date: 1/31/2006</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: Gary Eidson Date of Survey: 1/30/2006 Certificate Number: 12641</p>
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PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

November 9, 2007

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

RE: White Oak State #7  
990' FSL & 2310' FEL  
Sec. 23, T17S, R28E  
Eddy County, New Mexico

Dear Sir,

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

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
497.00	0.75	2787.00	1.00
806.00	0.75	3100.00	0.50
1152.00	0.75	3475.00	1.00
1452.00	0.50	3789.00	0.50
1753.00	1.00	4193.00	0.75
2068.00	1.00	4632.00	0.75
2378.00	1.00	5220.00	0.25

Very truly yours,

A handwritten signature in cursive script that reads "Leroy Curry".

Leroy Curry  
Drilling Superintendent

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 9<sup>th</sup> day of November, 2007:

A handwritten signature in cursive script that reads "Regina L. Garner".  
Notary Public