

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, 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 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003	
		WELL API NO. 30-015-34583		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
		State Oil & Gas Lease No.		State Oil & Gas Lease No.	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a 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 <div style="text-align: center; font-weight: bold;">White Oak State</div>		
b Type of Completion NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF WELL OVER BACK RESVR <input type="checkbox"/> OTHER					
2 Name of Operator <div style="display: flex; justify-content: space-between;"> COG Operating LLC OCT 11 2007 </div>			8 Well No <div style="text-align: center; font-weight: bold;">009</div>		
3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701			9. Pool name or Wildcat <div style="display: flex; justify-content: space-between;"> Empire; Glorieta-Yeso 96210 </div>		
4 Well Location Unit Letter I 2310 Feet From The South Line and 990 Feet From The East Line Section 23 Township 17S Range 28E NMPM Eddy County					
10. Date Spudded 08/19/07	11. Date T.D. Reached 08/29/07	12 Date Compl (Ready to Prod) 09/15/07	13. Elevations (DF& RKB, RT, GR, etc) 3700 GR	14 Elev Casinghead	
15 Total Depth 5512	16. Plug Back T.D. 5498	17 If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools X	Cable Tools
19 Producing Interval(s), of this completion - Top, Bottom, Name 4234 - 5000 Yeso				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS			22 Was Well Cored No		
23. 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	258	12-1/4	1077 sx	Circ 40
5-1/2	17	5512	7-7/8	1295 sx	Circ 15
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					2-7/8
					5000
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
4234 - 4430 2 SPF, 30 holes OPEN			DEPTH INTERVAL		
4527 - 4723 2 SPF, 30 holes OPEN			AMOUNT AND KIND MATERIAL USED		
4804 - 5000 2 SPF, 30 holes OPEN			4234 - 4430 See attachment		
			4527 - 4723 See attachment		
			4804 - 5000 See attachment		
28. PRODUCTION					
Date First Production 09/27/07		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 10/03/07	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 39	Gas - MCF 65
				Water - Bbl 190	Gas - Oil Ratio 1666
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
					Oil Gravity - API - (Corr.) 39.6
29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold					Test Witnessed By Kent Greenway
30. List Attachments Logs, C102, C103, Deviation Report, C104					
31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief					
Signature			Printed Name Kanicia Carrillo Title Regulatory Analyst Date 10/10/07		
E-mail Address pedwards@conchoresources.com					

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 682	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 935	T. Devonian	T. Menefee	T. Madison
T. Queen 1502	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 1911	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2228	T. Simpson	T. Gallup	T. Ignacio/Otze
T. Glorieta 3623	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. Yeso 3687	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. 3, from.....to.....
No. 2, 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

WHITE OAK STATE #9
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
4234 -4430	Acidize w/ 2500 gals acid.
	Frac w/ 69,984 gals gel, 5,400# LiteProp,
	61,674# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4527 - 4723	Acidize w/ 2500 gals acid.
	Frac w/ 62,567 gals gel, 5,400# LiteProp,
	60,063# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4804 - 5000	Acidize w/ 2500 gals acid.
	Frac w/ 56,955 gals gel, 5,400# LiteProp,
	60,063# 16/30 sand.

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 22475

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-34583	2 Pool Code 96210	3 Pool Name EMPIRE; YESO
4 Property Code 21114	5 Property Name WHITE OAK STATE	6 Well No 009
7 OGRID No 13837	8 Operator Name MACK ENERGY CORP	9 Elevation 3700

10. Surface Location

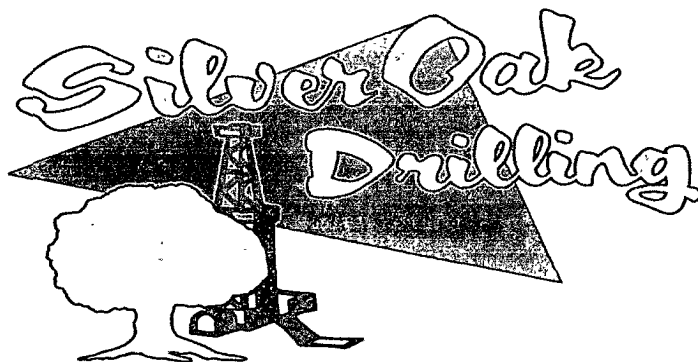
UL - Lot 1	Section 23	Township 17S	Range 28E	Lot Idn	Feet From 2310	N/S Line S	Feet From 990	E/W Line E	County EDDY
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11. Bottom Hole Location If Different From Surface

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

	OPERATOR CERTIFICATION	
	<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>	
	E-Signed By: Jerry Sherrell Title: Production Clerk Date: 1/31/2006	
	SURVEYOR CERTIFICATION	
<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>		
Surveyed By: Gary Eidson Date of Survey: 1/30/2006 Certificate Number: 12641		



PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

September 12, 2007

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

RE: White Oak State #9
2310' FSL & 990' 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>
150.00	1.00	3238.00	1.50
558.00	1.00	3646.00	0.75
859.00	1.00	3949.00	1.00
1175.00	1.00	4240.00	0.50
1495.00	1.00	4690.00	0.50
1934.00	1.00	4989.00	0.50
2215.00	1.25	5289.00	0.50
2515.00	1.00	5296.00	0.50
2805.00	2.00	5510.00	0.50

Very truly yours,

Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 12th day of September, 2007.

Notary Public