

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

5. Lease Serial No. NM-14840									
6. If Indian, Allottee or Tribe Name ---									
7. Unit or CA Agreement Name and No. ---									
8. Lease Name and Well No. White Star Federal #21									
9. AFI Well No. 30-015-34887									
10. Field and Pool, or Exploratory East Empire Yeso 96610									
11. Sec., T., R., M., on Block and Survey or Area Sec 29, T17S, R29E									
12. County or Parish Eddy									
13. State NM									
17. Elevation (DF, RT, GL)* 3									
14. Date Spudded 08/30/2006	15. Date T.D. Reached 09/11/2006	16. Date Completed 10/04/2006 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.							
18. Total Depth: MD 5,765' TVD	19. Plug Back T.D.: MD 5,743' TVD	20. Depth Bridge Plug Set: MD TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN / HNGS, Micro CFL / HNGS		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	48		361		930 sx Cl C		Surface	
12-1/4	8-5/8	24		871		600 sx Cl C		Surface	
7-7/8	5-1/2	17		5756		1350 sx Cl C		Surface	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8	5427'	None							
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Yeso				3921' - 4257.5'		2 SPF	70	Open	
B) Yeso				4370' - 4635.5'		2 SPF	42	Open	
C) Yeso				4886.5' - 5032.5'		2 SPF	50	Open	
D) Yeso				5113.5' - 5398.5'		2 SPF	72	Open	
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
3921' - 4257.5'		See Attachment							
4370' - 4635.5'		See Attachment							
4886.5' - 5032.5'		See Attachment							
5113.5' - 5398.5'		See Attachment							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/24/2006	11/15/2006	24	→	75	70	312	40.6		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Producing	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Queen	1674				
Grayburg	2062				
San Andres	2355				
Glorieta	3817				
Yeso	3919				

32. Additional remarks (include plugging procedure):

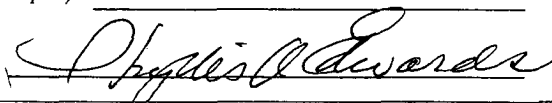
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☒ Other:

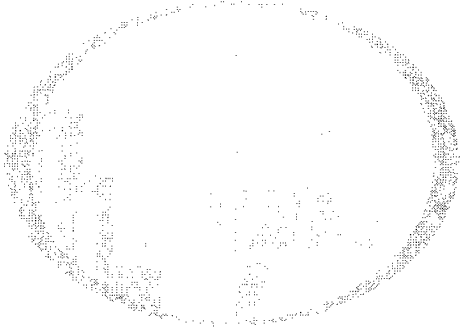
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Phyllis A. EdwardsTitle Regulatory Analyst

Signature


Date 11/17/2006

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Silver Oak Drilling, LLC

PO Box 1370
Artesia, NM 88211-1370
505/748-1288



September 19, 2006

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

RE: White Star Federal #21
638' FNL & 1675' FEL
Sec. 29, T17S, R29E
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>
184'	3/4°	516'	1 1/4°

The remainder of the well was drilled directionally and data will be provided separately.

Very truly yours,

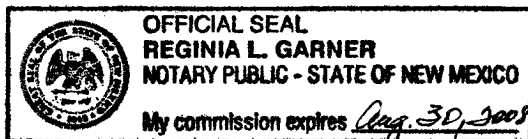
Eddie C. LaRue
Operations Manager

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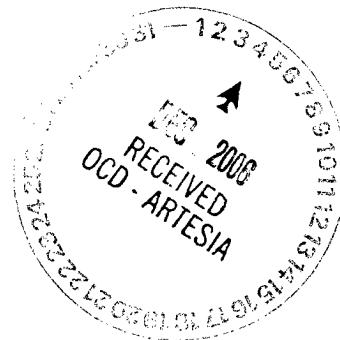
State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 19th day of September, 2006.

Notary Public



WHITE STAR FEDERAL #21
API#: 30-015-34887
EDDY, NM



3160-04 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3,921' - 4,257.5'	Acidize w/ 3000 gals acid.
	Frac w/ 88,431 gals gel, 8000# LiteProp, &
	70,187# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4,370' - 4635.5'	Acidize w/2500 gals acid.
	Frac w/ 80,808 gals gel, 8000# LiteProp,
	51,872# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4,886.5' - 5,032.5'	Acidize w/3000 gals acid.
	Frac w/ 32,500 gals gel, 57,688 gals 40# gel,
	8000# LiteProp, 71,560 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5,113.5' - 5,398.5'	Acidize w/3000 gals acid.
	Frac w/ 32,500 gals 30# gel, 57,910 gals 40#
	gel, 8022# LiteProp, 93,260# 16/30 sand.

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