

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. 30-015-34821
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-742

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Lease Name or Unit Agreement Name Mesquite State
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESV ☐ OTHER ☐	8. Well No. 20
2. Name of Operator COG Operating LLC	9. Pool name or Wildcat Empire; Yeso, East
3. Address of Operator 550 W. Texas, Suite 1300, Midland, TX 79701	

4. Well Location Unit Letter <u>D</u> : <u>330</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>20</u> Township <u>17S</u> Range <u>29E</u> NMPM <u>Eddy</u> County

10. Date Spudded 6/3/2006	11. Date TD Reached 6/12/2006	12. Date Compl. (Ready to Prod.) 7/1/2006	13. Elevations (DF & RKB, RT, GR, etc.) 3643' RKB	14. Elev. Casinghead 3634' GR
15. Total Depth 5460	16. Plug Back TD 5438	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 4336-5227', Yeso				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 Yes

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	348	17 1/2	400sx	None
8 5/8	24	795	12 1/4	600sx	None
5 1/2	17	5451	7 7/8	1490sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	5238	

26. Perforation record (interval, size, and number) 4336-5227', .42, 154	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4336-5227'	See C-103 for detail

28. PRODUCTION							
Date First Production 7/7/2006		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 7/21/2006	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 82	Gas - MCF 145	Water - Bbl. 310	Gas - Oil Ratio 1768
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 82	Gas - MCF 145	Water - Bbl. 310	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Robert C. Chase
--	--------------------------------------

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 9/12/2006

11

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 _____ 826	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1092	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1670	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2052	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2360	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3784	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. Permain _____	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