

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.

30-015-37178

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b Type of Completion  
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF ☐  
WELL OVER BACK RESVR ☐ OTHER ☐

2 Name of Operator

COG Operating LLC

3 Address of Operator

550 W. Texas Ave., Suite 1300 Midland, TX 79701

4 Well Location

Unit Letter **J** **1580** Feet From The **South** Line and **2240** Feet From The **East** Line

Section **16** Township **17S** Range **31E** NMPM **Eddy** County

10 Date Spudded  
03/21/10

11 Date T D Reached  
03/30/10

12 Date Compl. (Ready to Prod)  
04/25/10

13 Elevations (DF& RKB, RT, GR, etc)  
3825 GR

14 Elev. Casinghead

15. Total Depth  
6498

16 Plug Back T.D  
6446

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  
4960 - 6270 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
13-3/8	48	461	17-1/2	500	
8-5/8	32	1811	11	930	
5-1/2	17	6665	7-7/8	1200	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	6034	

26 Perforation record (interval, size, and number)

4960 - 5110 1 SPF, 26 holes OPEN  
5530 - 5730 1 SPF, 26 holes OPEN  
5800 - 6000 1 SPF, 26 holes OPEN  
6070 - 6270 1 SPF, 22 holes OPEN

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4960 - 5110	See attachment
5530 - 5730	See attachment
5800 - 6000	See attachment
6070 - 6270	See attachment

28 PRODUCTION

Date First Production

05/03/10

Production Method (Flowing, gas lift, pumping - Size and type pump)

2-1/2 x 2-1/4" x 24' pump

Well Status (Prod or Shut-in)

Producing

Date of Test 05/08/10	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 195	Gas - MCF 109	Water - Bbl 518	Gas - Oil Ratio
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Flow Tubing Press	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr) 36.1
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29 Disposition of Gas (Sold, used for fuel, vented, etc)

Sold


Test Witnessed By

Kent Greeway

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   
E-mail Address kcarrillo@conchoresources.com

Printed

Name Kanicia Carrillo Title Regulatory Analyst

Date 06/11/10



# 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 <u>1686</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>2613</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3343</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>4861</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>6380</u>	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 <u>4924</u>	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.....

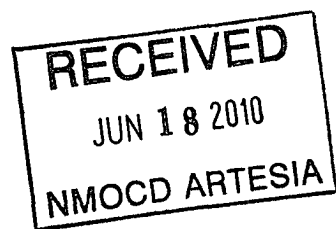
No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Willow State #13  
API#: 30-015-36351  
EDDY, NM



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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4960 - 5110	Acidize w/ 3,000 gals acid.
	Frac w/101,589 gals gel,122,461# 20/40 Ottawa sand, 20,889# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5530 - 5730	Acidize w/ 2,500 gals acid.
	Frac w/113,466 gals gel,145,557# 20/40 Ottawa sand, 34,069# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5800 - 6000	Acidize w/ 2,500 gals acid.
	Frac w/114,710 gals gel,145,943# 20/40 Ottawa sand, 34,389# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6070 - 6270	Acidize w/ 2,500 gals acid.
	Frac w/116,183 gals gel,147,283# 20/40 Ottawa sand, 31,562# 16/30 CRC.