

RECEIVED
Form L-100-3
(August 2007)
AUG 30 2010
WERTESIA
NMOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

OCD Artesia

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

5. Lease Serial No.
NMLC029419A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM71030X

8. Lease Name and Well No.
SKELLY UNIT 980

2. Name of Operator
COG OPERATING LLC
Contact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com

3. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-4287
3a. Phone No. (include area code)
Ph: 432-685-4332

9. API Well No.
30-015-36063-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 22 T17S R31E Mer NMP
At surface NENW 990FNL 2310FWL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory
FREN

11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T17S R31E Mer NMP

12. County or Parish
EDDY
13. State
NM

14. Date Spudded
06/11/2010
15. Date T.D. Reached
06/20/2010
16. Date Completed
☐ D & A ☒ Ready to Prod.
07/14/2010

17. Elevations (DF, KB, RT, GL)*
3847 GL

18. Total Depth: MD 6633
TVD 6633
19. Plug Back T.D.: MD 6580
TVD 6580
20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATEDNEUT

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	450		500		0	
17.500	13.375 H40	48.0	0	476		500		0	0
11.000	8.625 J-55	24.0	0	1800		800		0	
11.000	8.625 J55	32.0	0	1830		700		0	0
7.875	5.500 J-55	17.0	0	6500		1200		1600	
7.875	5.500 J55	17.0	0	6620		1100		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6089							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) GLORIETA-YESO	4950	6360	4950 TO 5080	0.410	22	OPEN
B)			5620 TO 5820	0.410	26	OPEN
C)			5890 TO 6090	0.410	26	OPEN
D)			6160 TO 6360	0.410	26	OPEN

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) GLORIETA-YESO	4950	6360	4950 TO 5080	0.410	22	OPEN
B)			5620 TO 5820	0.410	26	OPEN
C)			5890 TO 6090	0.410	26	OPEN
D)			6160 TO 6360	0.410	26	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4950 TO 5080	ACIDIZE W/3,000 GALS 15% ACID.
5620 TO 5820	FRAC W/107,000 GALS GEL, 111,246# 16/30 WHITE SAND, 16,506# 16/30 SIBERPROP SAND
5890 TO 6090	ACIDIZE W/2,500 GALS 15% ACID
6160 TO 6360	FRAC W/ 124,000 GALS GEL, 145,619# 16/30 SIBERPROP SAND, 35,095# 16/30 SIBERPROP SAND.

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
07/18/2010	07/22/2010	24	→	140.0	161.0	405.0	38.0	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70.0	→	140	161	405	1150	POW	

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	
			→						

ACCEPTED FOR RECORD
AUG 25 2010
s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #90967 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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
YATES	1707		DOLOMITE & SAND	YATES	1707
QUEEN	2679		SAND	QUEEN	2679
SAN ANDRES	3422		DOLOMITE & ANHYDRITE	SAN ANDRES	3422
GLORIETA	4888		SAND & DOLOMITE	GLORIETA	4888
YESO	4944		DOLOMITE & ANHYDRITE		
TUBB	6499				

32. Additional remarks (include plugging procedure):

Acid, Fracture, Treatment, Cement Squeeze etc. continued..

5890 - 6090 ACIDIZE W/2,500 GALS 15% ACID.

5890 - 6090 Frac w/ 124,000 gals gel, 148,260# 16/30 White sand, 32,117# 16/30 Siberprop sand.

6160 - 6360 ACIDIZE W/2,500 GALS 15% ACID.

6160 - 6360 FRAC W/124,000 gals gel, 145,170# 16/30 Siberprop sand, 31,692# 16/30

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

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

Electronic Submission #90967 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 08/06/2010 (10KMS1941SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 08/05/2010

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****