

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED

OMB NO 1004-0137

Expires July 31, 2010

5 LEASE DESIGNATION AND SERIAL NO

NMNM104666

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		6 INDIAN ALLOTTEE OR TRIBE NAME	
b Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff Resrv		7 UNIT AGREEMENT	
2 Name of Operator COG Operating LLC		8 FARM OR LEASE NAME JHS Federal #1H	
3 Address 2208 W. Main Street Artesia, NM 88210		9 API WELL NO 30-015-37479	
3a Phone No (include area code) 575-748-6940		10 FIELD NAME WILDCAT S262522F; B.S (GAS) Undesignated; Bone Spring	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1600' FNL & 790' FEL, Unit H (SENE) Sec 23-T26S-R25E At top prod Interval reported below At total depth 1018' FNL & 801' FEL, Unit A (NENE) Sec 26-T26S-R25E		11 SEC T, R, M, OR BLOCK AND SURVEY OR AREA 23 T 26S R 25E	
14 Date Spudded 3/22/10		15 Date T D Reached 4/22/10	
16 Date Completed 4/25/12		17 ELEVATIONS (DF, RKB, RT, GR, etc)* 3596' GR 3609' KB	
18 Total Depth MD 9782' TVD 5343'		19 Plug back T D MD 9741' TVD 5344'	
20 Depth Bridge Plug Set MD TVD		21 Type Electric & other Logs Run (Submit a copy of each) DLL, DSN	
22 Was well cored? ☒ No ☐ Yes (Submit analysis)		23 Was DST run? ☒ No ☐ Yes (Submit report)	
24 Directional Survey? ☐ No ☒ Yes (Submit copy)		25 Casing and Liner Record (Report all strings set in well)	

Hole Size	Size/ Grade	Wt (#/ft)	Top (MD)	Bottom(MD)	Stage Cemen- ter Depth	No of Sks & Type of Cement	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H40	48#	0	316'		375 sx		0	None
12 1/4"	9 5/8" ST&C	36#	0	1434'		750 sx		0	None
7 7/8"	5 1/2" N80	17#	0	9781'	4778'	1450 sx		0	None

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	4775'	4767'						

Producing Intervals	Top	Bottom	Perforation Record	Size	No of Holes	Perf Status
(Formation) Bone Spring	5512'	9721'	5512-9721'	0.43	598	Open
B)	4978					
C)						
D)						

Depth Interval	Amount and Type of Material
See Attached	See Attached

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RECLAMATION
DUE 10-28-12

Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr API	Gas Gravity	Production Method
5/14/12	5/16/12	24	→	0	2232	1214			Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
10/64"	1600#	1100#	→	0	2232	1214			Producing

ACCEPTED FOR RECORD
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* See instructions and spaces for additional data on page 2)

Provide C102 to NMOCD

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.)

Flared

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
					Measured Depth
Delaware Bone Spring	1505'	4977'		Rustler	30'
	4978'	7540'		Top of Salt	307'
				Bottom of Salt	1332'
				Delaware	1505'
				Bone Spring	4978'
					TD 9782'

32 Additional remarks (include plugging procedure)

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

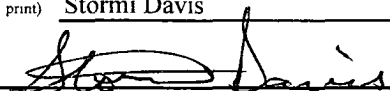
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other Deviation Report

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) Stormi Davis

Title Regulatory Analyst

Signature



Date 5/18/12

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

JHS Federal #1H**30-015-37479****Sec 23-T26S-R25E**

<u>Perforations</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
9457-9721'	3000	223524	302412
9126-9391'	3000	307192	237754
8795-9061'	2963	303044	225824
8465-8730'	2987	302558	217797
8134-8400'	3119	299112	222315
7803-8069'	3000	302635	219198
7473-7738'	2991	300821	216430
7142-7408'	3000	300857	214689
6812-7077'	3013	294557	211062
6481-6746'	2697	295227	207763
6150-6416'	3004	302143	210761
5820-6085'	2952	359264	282954
5512-5755'	<u>4130</u>	<u>336731</u>	<u>215932</u>
Totals	39856	3927665	2984891