

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 LEASE DESIGNATION AND SERIAL NO

NMNM54291

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6 INDIAN ALLOTTEE OR TRIBE NAME	
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr		7 UNIT AGREEMENT NM89162	
2 Name of Operator COG Operating LLC		8 FARM OR LEASE NAME Gehrig Federal Com #5H	
3 Address 2208 W. Main Street Artesia, NM 88210		9 API WELL NO 30-015-37678	
3a Phone No (include area code) 575-748-6940		10 FIELD NAME Corral Canyon; Bone Spring, South	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 430' FSL & 330' FEL, Unit P (SESE) of Sec 9-T26S-R29E At top prod Interval reported below At total depth 331' FNL & 349' FEL, Unit A (NENE) of Sec 9-T26S-R29E ✓		11 SEC T. R. M. OR BLOCK AND SURVEY OR AREA 9 T 26S R 29E	
14 Date Spudded 10/30/10		15 Date T D. Reached 11/23/10	
16 Date Completed 8/24/11 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 ELEVATIONS (DF, RKB, RT, GR, etc)* 2949' GR KB	
18 Total Depth MD 11773' TVD 7445'		19 Plug back T D MD 11717' TVD 7446'	
20 Depth Bridge Plug Set MD TVD		21 Type Electric & other Logs Run (Submit a copy of each) None	
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 type="checkbox"/> No <input checked="" 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 Sks & Type of Cement	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H40	48#	0	423'		450 SX		0	None
12 1/4"	9 5/8" J55	36#	0	2836'		1050 SX		0	None
7 7/8"	5 1/2" N80	17#	0	11740'	6831'	1560 SX		0	None

## 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"	6860'	6860'						

## 25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No of Holes	Perf Status
A) Bone Spring	7450'	11600'	7450-11600'	0.42"	325	Open
B)						
C)						
D)						

## 26 Perforation Record

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

Depth Interval	Amount and Type of Material
7450-11600'	Acid w/38766 gal 15% acid; Frac w/4040837# sand & 3069103 gal fluid

## 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
9/6/11	9/10/11	24	→	289	2456	1681			Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
	2250#	1100#	→	289	2456	1681			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)

RECLAMATION  
DUE 2-24-12ACCEPTED FOR RECORD  
SEP 17 2011  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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 Flwe 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 Flwe 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
					Measured Depth
Delaware Bone Spring	2924'	6663'		Top of Salt	1313'
	6664'	11773'		Bottom of Salt	2752'
				Delaware	2924'
				Bone Spring	6664'
					TD 11773'

32 Additional remarks (include plugging procedure)

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

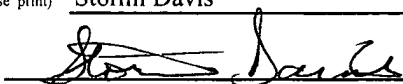
- ☐ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other Deviation Report

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 9/12/11

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