

HOBBS OCD

JUN 05 2014

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5. Lease Serial No. NMNM2379

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. COX 35 FEDERAL 002H

9. API Well No. 30-025-41521

10. Field and Pool, or Exploratory TRISTE DRAW;BS 96603

11. Sec., T., R., M., or Block and Survey or Area Sec 35 T23S R32E Mer NMP

12. County or Parish LEA

13. State NM

14. Date Spudded 01/11/2014

15. Date T.D. Reached 02/05/2014

16. Date Completed 03/02/2014  
 D & A  Ready to Prod.

17. Elevations (DF, KB, RT, GL)\* 3629 GL

18. Total Depth: MD 15461 TVD 10927

19. Plug Back T.D.: MD 15461 TVD 10927

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, COMPOSITE, CNL

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375	54.4	0	1270		1000	286	0	
12.250	9.625	40.0	0	4849		2000	683	0	
8.750	5.500	20.0	0	15447		3315	1053	2218	

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	10252	10252						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRINGS	10900	10930	11433 TO 15365	0.430	400	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11433 TO 15365	4,000,400# SAND, 66,162 BBL 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
03/02/2014	03/14/2014	24	→	886.0	1481.0	1258.0	41.0	0.80	FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI 1200	0.0	→	886	1481	1258	1710	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #247269 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

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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
					Meas. Depth
				LAMAR BELL CANYON BONE SPRING 1ST BSPG SAND 2ND BSPG SAND	4938 4966 8750 9932 10532

32. Additional remarks (include plugging procedure):  
Well was sidewall cored 4988-10141. Analysis attached.

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 #247269 Verified by the BLM Well Information System.  
For ENERGEN RESOURCES CORPORATION, sent to the Hobbs

Name (please print) BRENDA F RATHJEN Title REGULATORY ANALYST

Signature (Electronic Submission) Date 05/28/2014

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.

Composite

# Schlumberger

Company: Energen Resources

Well: Cox 35 Federal #0002H

Field: 2nd Bone Springs

County: Lea State: New Mexico

## Composite Log

JUN 05 2014

RECEIVED

County: Lea  
 Field: 2nd Bone Springs  
 Location: 200' FSL & 2240' FEL  
 Well: Cox 35 Federal #0002H  
 Company: Energen Resources

Location:	200' FSL & 2240' FEL	Elev. K.B.	3652.00 ft
		G.L.	3630.00 ft
		D.F.	3651.00 ft
Permanent Datum:	Ground Level	Elev.:	3630.00 f
Log Measured From:	Kelly Bushing	22.00 ft	above Perm.Datum
Drilling Measured From:	Kelly Bushing		
API Serial No.	Section:	Township:	Range:
30-025-41521	35	23S	32E

Logging Date	29-Jan-2014		
Run Number	One		
Depth Driller	11453.00 ft		
Schlumberger Depth	10642.00 ft		
Bottom Log Interval	10639.00 ft		
Top Log Interval	200.00 ft		
Casing Driller Size @ Depth	9.625 in @ 4849.00 ft		
Casing Schlumberger	4860 ft		
Bit Size	8.75 in		
Type Fluid In Hole	Brine		
MUD	Density	Viscosity	8.8 lbm/gal 28 s
	Fluid Loss	PH	0 cm3 10
	Source of Sample: Active Tank		
RM @ Meas Temp	0.1 ohm.m @ 69.1 degF		
RMF @ Meas Temp	0.08 ohm.m @ 69.1 degF		
RMC @ Meas Temp	0.12 ohm.m @ 69.1 degF		
Source RMF	RMC	Calculated	Calculated
RM @ BHT	RMF @ BHT	0.05 @ 141	0.04 @ 141
Max Recorded Temperatures	141 degF		
Circulation Stopped	Time	28-Jan-2014	09:00:00
Logger on Bottom	Time	29-Jan-2014	01:56:22
Unit Number	Location:	2133	Roswell
Recorded By	Tyler Bolton		
Witnessed By	Christina Brown		