

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM128366

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. BLACK PEARL 1 FEDERAL COM 1H

9. API Well No. 30-025-42292-00-S1

10. Field and Pool, or Exploratory LEA

11. Sec., T., R., M., or Block and Survey or Area Sec 1 T20S R34E Mer NMP

12. County or Parish LEA

13. State NM

14. Date Spudded 12/12/2014

15. Date T.D. Reached 12/31/2014

16. Date Completed D & A Ready to Prod. 02/25/2015

17. Elevations (DF, KB, RT, GL)* 3695 GL

18. Total Depth: MD 15582 TVD 11015

19. Plug Back T.D.: MD 15525 TVD 11015

20. Depth Bridge Plug Set: MD 15525 TVD 11015

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE

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 J55	54.5	0	1894		1400		0	
12.250	9.625 J55	36.0	0	3503		1025		0	
7.875	5.500 P110	17.0	0	15580		2400		703	

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	10424	10415						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11107	15485	11107 TO 15425	0.000	396	OPEN (37570) BS
B)			15475 TO 15485		60	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11107 TO 15425	SEE IN REMARKS

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
02/26/2015	03/09/2015	24	→	656.0	597.0	621.0			FLOWS FROM WELL

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
			→						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #294532 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

ACCEPTED FOR RECORD
MAR 13 2015
[Signature]

'APR 14 2015

[Handwritten mark]

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
DELAWARE	5875	6698		RUSTLER	1819
BRUSHY CANYON	6699	8144		TOP OF SALT	1908
BONE SPRING LIME	8145	9595		BASE OF SALT	3410
BONE SPRING 1ST	9596	10313		TANSILL	3471
BONE SPRING 2ND	10314	10895		YATES	3643
BONE SPRING 3RD	10896	11024		SEVEN RIVERS	4073
				QUEEN	4574
				CAPITAN REEF	4688

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 15155-15425 7560 297483 297612
 14750-15019 6150 299644 259980
 14345-14615 6048 298238 258090
 13941-14211 6300 301188 258762
 13536-13808 6048 296793 256326
 13131-13401 6006 299862 254394
 12726-12996 6048 299095 255234

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 #294532 Verified by the BLM Well Information System.
 For COG OPERATING LLC, sent to the Hobbs
 Committed to AFMSS for processing by LINDA JIMENEZ on 03/12/2015 (15LJ0742SE)**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 03/11/2015

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 ****

Additional data for transaction #294532 that would not fit on the form

32. Additional remarks, continued

12321-12591 6006 298292 253680
11915-12186 6024 296889 252126
11514-11782 6006 301461 252084
11107-11377 6048 305993 253890
Totals 68244 3294938 2852178

Additional Tops:

Delaware 5875
Brushy Canyon 6699
Bone Spring Lm 8145
1st Bone Spring 9596
2nd Bone Spring 10314
3rd Bone Spring 10896

Surveys are attached.