Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBS OCD

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

SEP 17 2014

RECEIVED

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. NMLC060329
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. EMERALD FEDERAL 1
2. Name of Operator CONOCOPHILLIPS COMPANY Contact: ASHLEY BERGEN E-Mail: ashley.bergen@conocophillips.com	9. API Well No. 30-025-40656-00-S1
3a. Address MIDLAND, TX 79710 3b. Phone No. (include area code) Ph: 432-688-6983	10. Field and Pool, or Exploratory MALJAMAR
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 17 T17S R32E SESE 730FSL 140FEL	11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

2/1/13 RIH w/ perf gun & shot perfs @ 6860'-6660'.
2/5/13 Frac stage w/ 2500 gals of 15% acid & 177,000# of proppants.
2/6/13 RIH w/ CBP & set @ 6558'. Perf holes @ 6300'-6200' & frac stage 2 w/ 2500 gals of 15% acid & 177,000# of proppants. RIH & perf holes @ 6000'-5850'. Frac stage 3 w/2500 gals of 15% acid & 177,000# of proppants. Perf holes @ 5590'-5670'. Frac stage 4 w/ 2500 glas of acid & 133,000# of proppants.
2/12/13 D.O. plugs & circ hole clean.
2/13/14 RIH w/ 221 jts of 2 7/8", 6.5#, J-55 tbg set @ 6915'.
2/20/14 ND BOP NU WH. RDMO.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #253128 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 07/16/2014 (14DW0054SE)

Name *(Printed/Typed)* ASHLEY BERGEN — Title STAFF REGULATORY TECH

Signature (Electronic Submission) — Date 07/15/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS — Title SUPERVISORY PET — Date 09/06/2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

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.

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

SEP 25 2014

OCD Hobbs

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

5. Lease Serial No. NMLC060329

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: CONOCOPHILLIPS COMPANY — Contact: ASHLEY BERGEN — E-Mail: ashley.bergen@conocophillips.com

8. Lease Name and Well No.: EMERALD FEDERAL 1

3. Address: MIDLAND, TX 79710

3a. Phone No. (include area code): Ph: 432-688-6983

9. API Well No.: 30-025-40656-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SESE 730FSL 140FEL

At top prod interval reported below SESE 361FSL 285FEL

At total depth SESE 192FSL 359FEL

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10. Field and Pool, or Exploratory: MALJAMAR

11. Sec., T., R., M., or Block and Survey or Area: Sec 17 T17S R32E Mer NMP

12. County or Parish: LEA — 13. State: NM

14. Date Spudded: 01/10/2013

15. Date T.D. Reached: 01/18/2013

16. Date Completed ☐ D & A ☒ Ready to Prod. 02/13/2013

17. Elevations (DF, KB, RT, GL)*: 4042 GL

18. Total Depth: MD 7072 TVD 7072

19. Plug Back T.D.: MD 7017 TVD 7017

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
OTH BOREHOLESONIC SPECTRALGAMMA BOREHOLEVOLUME

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
12.250	8.625 J-55	24.0	0	838		500	139	0	
7.875	5.500 L-80	17.0	0	7062		1350	453	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	6915							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	YESO-WEST	5468	6867	5590 TO 5670			PRODUCING
B)				5850 TO 6000			PRODUCING
C)				6200 TO 6300			PRODUCING
D)				6660 TO 6860			PRODUCING

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

Depth Interval	Amount and Type of Material
5590 TO 5670	acid = 2500 gal 15%, proppants = 133,000#
5850 TO 6860	acid = 7500 gal 15%, proppants = 531,000#

ACCEPTED FOR RECORD
SEP 0 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
02/21/2013	02/27/2013	24	→	83.0	66.0	210.0	39.8		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
			→	83	66	210	795	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
			→					

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

ELECTRONIC SUBMISSION #253050 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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SEP 25 2014

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.)*
UNKNOWN

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
RUSTLER	807	989	ANHYDRITIC DOLOMITE	RUSTLER	807
SALADO	989	1999	HALITE (SALT) AND ANHYDRITE	SALADO	989
TANSILL	1999	2129	ANHYDRITE/ DOLOMITE	TANSILL	1999
YATES	2129	2468	ANHYDRITE/DOLOMITE W/INTERBEDD	YATES	2129
SEVEN RIVERS	2468	3098	ANHYDRITE/DOLOMITE W/HALITE	SEVEN RIVERS	2468
QUEEN	3098	3497	SANDSTONE AND ANYDRITIC DOLOMI	QUEEN	3098
GRAYBURG	3497	3885	ANHYDRITIC DOLOMITE	GRAYBURG	3497
SAN ANDRES	3885	5369	ANHYDRITIC DOLOMITE	SAN ANDRES	3885
				GLORIETTA	5369
				PADDOCK	5468
				BLINEBRY	5821

32. Additional remarks (include plugging procedure):
Additional Tops

Glorieta 5369'-5468' Sandstone
Paddock 5468'-5821' Dolomite/Limestone
Blinebry 5821'-6867' Dolomite w/ interbedded Sandstone

AMMENDED REPORT

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 #253050 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 07/16/2014 (14DW0051SE)

Name*(please print)* ASHLEY BERGEN Title STAFF REGULATORY TECH

Signature (Electronic Submission) Date 07/15/2014

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