

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

CARLSBAD DISTRICT

DEC 09 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM63362

- 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.

NMNM 129485

2. Name of Operator
DEVON ENERGY PRODUCTION CO. L.P. Contact: MEGAN MORAVEC
Email: megan.moravec@dvn.com8. Lease Name and Well No.
RIGEL 20 FED COM 6H3. Address
333 WEST SHERIDAN AVE
OKLAHOMA CITY, OK 731023a. Phone No. (include area code)
Ph: 405-552-36229. API Well No.
30-015-41513-00-X1

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

At surface SWNW 1699FNL 265FWL 32.648478 N Lat, 103.899144 W Lon

At top prod interval reported below SWNW 1440FNL 460FWL

At total depth SENE 1762FNL 377FEL

10. Field and Pool, or Exploratory
HACKBERRY11. Sec., T., R., M., or Block and Survey
or Area Sec 20 T19S R31E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
05/05/201415. Date T.D. Reached
05/27/201416. Date Completed
☐ D & A ☒ Ready to Prod.
08/23/201417. Elevations (DF, KB, RT, GL)*
3416 GL18. Total Depth: MD
TVD 12366
801619. Plug Back T.D.: MD
TVD 1231820. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CEMENTBOND GAMMA22. 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
26.000	20.000 J-55	94.0	0	473		1127		0	500
17.500	13.375 J-55	68.0	0	2341		2445		0	728
12.250	9.625 K-55	40.0	0	4038		1900		0	372
8.750	5.500 P-110	17.0	0	12366		1825		4985	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	7630							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8080	12317	8080 TO 12317		400	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8080 TO 12317	61,530 GALS 15% HCL ACID, 5,509,370# 30/50 WHITE SAND, 4,325,365# 40/70 WHITE SAND

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
08/23/2014	09/14/2014	24	→	224.0	525.0	1624.0			Flows From Well
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	545	150.0	→	224	525	1624	2344	DRP 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
			→						Flows From Well
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 #263832 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

RECLAMATION ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

DUE 3/14/15

ACCEPTED FOR RECORD

FLOWS FROM WELL

DEC 4 2014

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

OK

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
RUSTLER	406	540	BARREN	RUSTLER	406
SALADO	540	1869	BARREN	SALADO	540
BASE OF SALT	1869	1947	BARREN	BASE OF SALT	1869
TANSILL	1947	2082	BARREN	TANSILL	1947
YATES	2082	2333	BARREN	YATES	2082
SEVEN RIVERS	2333	2424	OIL	SEVEN RIVERS	2333
CAPITAN REEF	2424	3285	OIL	CAPITAN REEF	2424
QUEEN	3285	3639	OIL	QUEEN	3285

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

SADR: Top- 3639 Bottom- 4515 Description: OIL
 Delaware: Top- 4515 Bottom- 6537 Description: OIL
 Bone Spring Lime: Top- 6537 Bottom- 7886 Description: OIL
 Bone Spring SS: Top- 7886 Bottom- Not penetrated. Description: OIL

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 #263832 Verified by the BLM Well Information System.
 For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 12/02/2014 (15DMH0147SE)

Name (please print) MEGAN MORAVECTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 09/16/2014

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.

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

Revisions to Operator-Submitted EC Data for Well Completion #263832

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM63362	NMNM63362
Agreement:		
Operator:	DEVON ENERGY PRODUCTION COMPAN 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102 Ph: 405-552-3622	DEVON ENERGY PRODUCTION CO LP 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405.235.3611
Admin Contact:	MEGAN MORAVEC REGULATORY ANALYST E-Mail: megan.moravec@dvn.com Ph: 405.552.3622	MEGAN MORAVEC REGULATORY ANALYST E-Mail: megan.moravec@dvn.com Ph: 405-552-3622
Tech Contact:	MEGAN MORAVEC REGULATORY ANALYST E-Mail: megan.moravec@dvn.com Ph: 405.552.3622	MEGAN MORAVEC REGULATORY ANALYST E-Mail: megan.moravec@dvn.com Ph: 405-552-3622
Well Name: Number:	RIGEL 20 FED COM 6H	RIGEL 20 FED COM 6H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 20 T19S R31E Mer	Sec 20 T19S R31E Mer NMP
Surf Loc:	SWNW Lot E 1699FNL 265FWL	SWNW 1699FNL 265FWL 32.648478 N Lat, 103.899144 W Lon
Field/Pool:	HACKBERRY; BONE SPRING	HACKBERRY
Logs Run:	CEMENT BOND GAMMA RAY	CEMENTBONDGAMMA
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	RUSTER SALADO BASE SALT TANSIL YATES SVRV CAPITAN QUEEN	RUSTER SALADO BASE OF SALT TANSILL YATES SEVEN RIVERS CAPITAN REEF QUEEN
Markers:	RUSTLER SALADO SALT BASE TANSIL YATES SVRV CAPITAN QUEEN	RUSTLER SALADO BASE OF SALT TANSILL YATES SEVEN RIVERS CAPITAN REEF QUEEN