

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

RECEIVED

JUN 18 2013

FORM APPROVED
OMB NO. 1004-0137
EXPIRES: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No. NM044594

6. Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY, LP

8. Lease Name and Well No.

Aquila 22 Fed Com 1H

3. Address

333 WEST SHERIDAN, OKLAHOMA CITY, OK 73102

3a. Phone No. (include area code)

405-235-3611

9. AFI Well No.

30-015-40627

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

At Surface

990 FNL 50 FEL

At top prod. Interval reported below

At total Depth 977 FNL 349 FWL

PP: 938 FNL & 14 FEL

10. Field and Pool or Exploratory

Lusk; Bone Spring West

11. Sec. T., R., M., on Block and Survey or Area

A 22 T19S R31E

12. County or Parish

Eddy

13. State

NM

14. Date Spudded

10/27/12

15. Date T.D. Reached

11/17/12

16. Date Completed

5/3/13

☐ D & A ☒ Ready to Prod.

17. Elevations (DR, RKB, RT, GL)*

3535' GL

18. Total Depth: MD

13,812'

TVD

9119'

19. Plug Back T.D.: MD

13,767'

TVD

20. Depth Bridge Plug Set: MD

MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/PLTRM/EXP/COMP/NEUT/THRE/DET/LITH/DENS;PLTRM/EXP/HI/RES/LAT/LOG/ARRAY

22. Was well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☐ No ☐ Yes (Submit report)

Directional Survey? ☐ No ☒ 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 Sk. & Type Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20" J-55	106.5#	0	684'		895 sx CI C; Circ 18 bbls		Surface	
17 1/2"	13 3/8" J-55	68#	0	2618'		1700 sx C; Circ 133 sx		Surface	
12 1/4"	9 5/8" J-55	40#	0	4300'	TOC 5250'	1450 sx CI C; Circ 338 sx		CBL	
8 3/4"	5 1/2" P110	17#		13,812'	DV 5510'	1995 sx H			

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"	8799'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	9,600	13,690	9600-13,690'		864	Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9600-13690'	Acidize perms and frac'd w/ proppant in eight stages: See detailed summary (attached).

RECLAMATION
DUE 11-3-13

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
5/3/13	5/3/13	24	→	512	342	1470			Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	512	342	1470			

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
			→						
E	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
JUN 18 2013
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. 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 (Solid, used for fuel, vented, etc.)

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
Yates	2379'	2692'	OIL	Salt	825'
Delaware	2692'	4640'		Base Salt	2173'
Bone Spring	6931'	NR		Yates	2379'
				Capitan	2692'
				Delaware	4640'
				Bone Spring Fm	6931'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate box:

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

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instruction)*

Name (please print)

Judy A. Barnett x8699

Title

Regulatory Specialist

Signature

Date

5/10/2013

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.

Proppant Summary by Stage

District PERMIAN BASIN			County EDDY			Field Name HACKBERRY			Project Group DELAWARE BASIN			State/Province NM	
Surface Legal Location SEC22 T19S R31E			API/UWI 3001540627		Latitude (°) 32° 39' 1.785" N		Longitude (°) 103° 50' 55.366" W		Ground Elev MSL (ft) 3,535.90	KB - Ground Level (ft) 26.20	Orig KB Elevation (ft) 3,562.10	Tubing Head Elevation (ft)	
Stage #	Date	Total Clean Volume Pumped (bbl)	Proppant Design (lb)	Proppant Frn (lb)	Proppant WB (lb)	Conc Max (lb/gal)	BH Conc Max (lb/gal)	Total Add Amount					
1	4/9/2013 07:20	5077.64	289,925.1	287,462.9	287,462.9	4.00		OTTAWA Bulk Sand 236018 LB; RESIN COATED Resin Coated Sand (Santrol) 50486 LB					
2	4/9/2013 11:45	4994.52	289,925.1	289,599.0	289,599.0	4.00		OTTAWA Bulk Sand 225571 LB; RESIN COATED Resin Coated Sand (Santrol) 62775 LB					
3	4/9/2013 15:23	4975.69	289,925.1	287,300.0	287,300.0	4.00		OTTAWA Bulk Sand 224510 LB; RESIN COATED Resin Coated Sand (Santrol) 63135 LB					
4	4/9/2013 18:47	4864.83	289,925.1	289,748.0	289,748.0	4.00		OTTAWA Bulk Sand 218232 LB; RESIN COATED Resin Coated Sand (Santrol) 69333 LB					
5	4/10/2013 07:06	4933.00	289,925.1	283,372.9	283,372.9	4.00		OTTAWA Bulk Sand 212985 LB; RESIN COATED Resin Coated Sand (Santrol) 68836 LB					
6	4/10/2013 10:25	4933.21	289,925.1	284,327.1	284,327.1	4.00		OTTAWA Bulk Sand 216234 LB; RESIN COATED Resin Coated Sand (Santrol) 64387 LB					
7	4/10/2013 13:42	5039.95	289,925.1	286,270.9	286,270.9	4.00		OTTAWA Bulk Sand 217479 LB; RESIN COATED Resin Coated Sand (Santrol) 64996 LB					
8	4/10/2013 16:51	4799.24	289,925.1	294,760.0	294,760.0	4.00		OTTAWA Bulk Sand 227637 LB; RESIN COATED Resin Coated Sand (Santrol) 65257 LB					

AQUILA 22 FED COM 1H - Permian Basin Stimulation Summary - Page No. 1 - Date: 5/8/2013

Stage #	Date	Type	Zone	Min Top Depth (ftKB)	Max Btm Depth (ftKB)	Proppant Frm (lb)	Proppant Design (lb)	Total Clean Volume Pumped (bbl)	Conc Max (lb/gal)	P Max (psi)	ISIP (psi)	Q Start Max (bbl/min)
1	4/9/2013 07:20	HYDRAULIC FRAC	BONE SPRING, OH	13,379.0	13,690.0	287,462.9	289,925.1	5077.64	4.00	7,656.0	2,727.0	80
2	4/9/2013 11:45	HYDRAULIC FRAC	BONE SPRING, OH	12,839.0	13,201.0	289,599.0	289,925.1	4994.52	4.00	6,205.0	2,729.0	84
3	4/9/2013 15:23	HYDRAULIC FRAC	BONE SPRING, OH	12,299.0	12,661.0	287,300.0	289,925.1	4975.69	4.00	5,886.0	3,144.0	83
4	4/9/2013 18:47	HYDRAULIC FRAC	BONE SPRING, OH	11,759.0	12,121.0	289,748.0	289,925.1	4864.83	4.00	6,033.0	2,424.0	84
5	4/10/2013 07:06	HYDRAULIC FRAC	BONE SPRING, OH	11,220.0	11,582.0	283,372.9	289,925.1	4933.00	4.00	6,023.0	2,564.0	83
6	4/10/2013 10:25	HYDRAULIC FRAC	BONE SPRING, OH	10,680.0	11,042.0	284,327.1	289,925.1	4933.21	4.00	5,968.0	2,568.0	83
7	4/10/2013 13:42	HYDRAULIC FRAC	BONE SPRING, OH	10,140.0	10,502.0	286,270.9	289,925.1	5039.95	4.00	5,296.0	2,988.0	81
8	4/10/2013 16:51	HYDRAULIC FRAC	BONE SPRING, OH	9,600.0	9,962.0	294,760.0	289,925.1	4799.24	4.00	5,385.0	3,080.0	81