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OCD-ARTESIA

Form 3160-4
February 2005

NM OOD ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
EXPIRES: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM-0405444-A							
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name							
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP		7. Unit or CA Agreement Name and No.							
3. Address 20 North Broadway, Oklahoma City, OK 73102-8260		8. Lease Name and Well No. Todd 23D Federal 19							
3a. Phone No. (include area code) 405-235-3611		9. API Well No. 30-015-36861							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 690' FNL 402' FWL At top prod. Interval reported below At total Depth 690' FNL 402' FWL		10. Field and Pool, or Exploratory Ingle Wells Livingston Ridge 39360 Delaware							
14. Date Spudded 2/8/2010		11. Sec. T., R., M., on Block and Survey or Area D SEC 23 T23S R31E							
15. Date T.D. Reached 2/18/2010		12. County or Parish Eddy 13. State NM							
16. Date Completed 3/18/2010 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DR, RKB, RT, GL)* 3451'							
18. Total Depth: MD 8450' TVD		19. Plug Back T.D.: MD 8355' TVI							
20. Depth Bridge Plug Set. MD TVI		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL;SPEC/DENS/DUAL/SPEC/NEUT/LOG;DUAL/LAT/LOG/MICRO/GUARD;							
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
14 3/4"	11 3/4" H40	42#	0	794'		535 sx CI C; Circ 173 sx		Surface	
11"	8 5/8" J-55	32#	0	4445'	TOC 4103'	1050 sx CI C; 236 sx to pit			
7 7/8"	5/12" J-55	17#	0	8443'		900 sx CI C			
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"	7942'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
Brushy Canyon	8,033	8,055	8033-8055		24	Producing			
Brushy Canyon	8,142	8,190	8142-8190		26	Producing			
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
8033-8055	w/ 1675 g 25# Linear Gel, 31,214 g Spectra Frac 2500 Crosslink Gelw/ 1,772# 100 mesh sd @ 1 ppg & 35,516# 20/40 white sd staging fr .5 - 4 ppg. Tail w/ 15,214# 16/30 Siberprop @ 5 ppg & 15 bpm 600#. FL w/ 7,778 g 10# Linear Gel.								
8142-8190	Frac w/ 2K g 7 1/2% HCL w/ 5279 g 25# Linear Gel, 54,474 g Spectra, frac 2500 Crosslink Gel, 2348# 100 mesh sd @ 1 ppg & 61,600# 20/40 white sd staging fr .5 - 4 ppg. Tail w/ 17,747# 16/30 Siberprop @ 5 ppg & 25 bpm @ 900#. FL w/ 7975 g 10# Liner Gel.								
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
4/15/2010	4/15/2010	24	→	30	97	97			ACCEPTED FOR RECORD Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	30	97	97	-		
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	
			→						

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CARLSBAD FIELD OFFICEMAY 22 2010
[Signature]

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	Ibg. 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	Ibg. 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)

Disposition of Gas (Sold, used for fuel, vented, etc.)

sold

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
Bell Canyon Cherry Canyon Brushy Canyon	4439' 5306' 6585'	5306' 6585' 8244'	Saltwater Saltwater Saltwater/Oil	Rustler Salado Delaware Bell Canyon Cherry Canyon Brushy Canyon Bone Spring	713' 1049' 4403' 4439' 5306' 6585' 8244'

Additional remarks (include plugging procedure):

Circle enclosed attachments:

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

Name (Please print) Judy A. Barnett X8699

Title Regulatory Analyst

Signature 

Date 5/4/2010

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.



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2609 West Marland
Hobbs, New Mexico 88240

Telephone: (575) 397-3713

K

FOR: Devon Energy
P. O. Box 250
Artesia, New Mexico 88211-0250

SAMPLE: Sta. #13155005
IDENTIFICATION: Todd 23 BC Fed. T/B
COMPANY: Devon Energy
LEASE:
PLANT:

SAMPLE DATE: DATE SAMPLED: 2/10/09 10:30 am
ANALYSIS DATE: 2/11/09
PRESSURE - PSIG 29
SAMPLE TEMP. °F 68.9
ATMOS. TEMP. °F 70

GAS (XX) LIQUID ()
SAMPLED BY: Mike Martinez/J-W Meas.
ANALYSIS BY: Vickie Sullivan

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	4.512	
Carbon Dioxide (CO2)	0.057	
Methane (C1)	70.381	
Ethane (C2)	12.180	3.250
Propane (C3)	7.602	2.090
I-Butane (IC4)	0.960	0.313
N-Butane (NC4)	2.351	0.740
I-Pentane (IC5)	0.599	0.219
N-Pentane (NC5)	0.524	0.189
Hexane Plus (C6+)	0.834	0.362
	100.000	7.163
BTU/CU.FT. - DRY	1310	MOLECULAR WT. 23.0990
AT 14.650 DRY	1306	
AT 14.650 WET	1283	
AT 14.73 DRY	1313	
AT 14.73 WET	1291	
SPECIFIC GRAVITY -		
CALCULATED	0.796	
MEASURED		