

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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 NMNM-LC 069464-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. Resrv, Other _____		6 If Indian, Allottee or Tribe Name
2 Name of Operator Devon Energy Production Co., LP		7 Unit or CA Agreement Name and No
3 Address 20 North Broadway OKC, OK 73102		8 Lease Name and Well No Arcturus 18 Federal 1H
3a Phone No (include area code) (405)-552-7802		9 AFI Well No 30-015-38237
4 Location of Well (Report location clearly and in accordance with Federal requirements)* 400' FNL & 200' FEL At surface 383' FNL & 236' FEL At top prod interval reported below 476' FNL & 285' FWL At total depth		10 Field and Pool or Exploratory Hackberry, Bone Spring, NW
14 Date Spudded 01/07/2011		11 Sec, T, R, M, on Block and Survey or Area Sec 18-T19S-R31E
15 Date T D Reached 02/13/2011		12 County or Parish Eddy
16 Date Completed 04-01-2011 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		13 State NM
18 Total Depth. MD 13,250' TVD 8,749'		17 Elevations (DF, RKB, RT, GL)* 3441' GL
19 Plug Back T.D. MD 13,202' TVD 8749'		20 Depth Bridge Plug Set MD TVD n/a
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		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 type="checkbox"/> No <input checked="" 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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H-40	48#		605'		496 sx CI C		Surface	
Cmt plug			2233'	2708'		550 sx CI H			Sidetrack Cmt Plug
12 1/4"	9 5/8" J-55	36#		3145'		1500 sx CI C		Surface	DV Tool @
8 3/4"	5 1/2" P-110	17#		13250'		2520 sx CI CH		TOC @ 1,720	4488' - 4491'

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"	8,435'	Bullplug @ 8,456'							
25 Producing Intervals					26 Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status			
A) Bone Spring	9,070'	13,173'	9070' - 13173'	6SPF	540 shots	Producing			
B)									
C)									
D)									

27 Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval	Amount and Type of Material								
9070' - 13173'	Acidize w/11,462 gals 7.5% HCL acid. Frac w/49,875 lbs 100 mesh white sd & 1,104,243 lbs 20/40 white snd.								

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
04/01/11	04/16/11	24	→	623	606	587			Pumping
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	400#	550#	→	623	606	587	972.713	Producing	

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 page 2)

RECEIVED
AUG 15 2011
NMOCD ARTESIA

ACCEPTED FOR RECORD
AUG 7 2011
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.)
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 Bone Spring	4900' 6500'
				1st Bone Spring 2nd Bone Spring	7840' 8273'
				2nd Bone Spring Sand	8639'

32 Additional remarks (include plugging procedure)

33 Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ 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 instructions)*

Name (please print) Stephane A. YsasagaTitle Sr. Staff Engineering TechnicianSignature [Signature]Date 07/25/2011

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

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