

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0137
EXPIRES: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NM-16131	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., ☐ 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 333 W. Sheridan Ave., Oklahoma City, OK 73102-8260		8. Lease Name and Well No. Softshell 22 Fed 1H	
3a. Phone No. (include area code) 405-235-3611		9. API Well No. 30-015-39727	
4. Location of Well (Report location clearly and in accordance with Federal requirements) Unit B 330 FNL 1660 FEL At top prod. interval reported below Unit O 331 FSL & 1646 FEL		10. Field and Pool, or Exploratory W.C. Big Sink, B.S. - Wildcat Bone Spring (96654)	
11. Sec. T., R., M., on Block and Survey or Area B 22 T25S R31E		12. County or Parish 13. State Eddy NM	
14. Date Spudded 1/8/2012		15. Date T.D. Reached 1/25/2012	
16. Date Completed 5/16/2012 ☐ D & A ☒ Ready to Prod.		17. Elevations (DR, RKB, RT, GL)* 3363' GL	
18. Total Depth: MD 13,691 TVD 9089'		19. Plug Back T.D.: MD 13,707 TVI	
20. Depth Bridge Plug Set: MD TVI		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Caliper Log; Platform Express Hi-Res Laterolog Array Micro-CFL/GR; Platform Express Three Detector Litho-Density Compensated Neutron / GR; CBL	
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
17 1/2"	13 3/8" H40	48#	0	982'		740sx C; Circ 59bbbs to pit		Surface	
12 1/4"	9 5/8" J55	40#	0	4,352'		1600 sx C; Circ 227 sx		Surface	
8 3/4"	5 1/2" 110	17#	0	13,691'	DV 5,961'	2600 sx C	CBL	2,786'	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	8,505'							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Bone Spring	9,323	13,681	9,323 - 13,681		450	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
9,323-13,681	Frac 15 Stages w/ total: 2,099,300# 20/40 White Sand; 862,300# 40/70 White Sand; 83,300# 100 mesh White Sand; 49,000 g 7.5% HCL; (See attached detailed summary)
	Accepted for record
	NMOCD 7/3/2012
	RECLAMATION DUE 11-16-12

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
5/16/2012	5/16/2012	24	→	867	2041	1261			Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	867	2041	1261			

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)

ACCEPTED FOR RECORD

RECLAMATION
DUE 11-16-12
JUN 22 2012
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	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 Bone Spring	4390' 5343' 6682' 8323'	5343' 6682' 8323' TD	SW SW OIL OIL & GAS	Rustler Salado Salt Base Salt Delaware/Lamar Bell Canyon Cherry Canyon Brushy Canyon Bone Spring	702' 1065' 1116' 4133' 4356' 4390' 5343' 6682' 8323'

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) David H. Cook X7848Title Regulatory SpecialistSignature Date 6/11/2012

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.



Stimulations Summary

District	County	Field Name	Project Group	State/Province						
PERMIAN BASIN	EDDY	AVALON SHALE	PB NEW MEXICO	NM						
Surface Legal Location	API/UWI	Latitude (DMS)	Longitude (DMS)	Ground Elev	KB - GL (ft)	Orig KB Elev (ft)	TH Elev (ft)			
SEC22 T25S R31E	3001539727	32° 7' 19.891" N	103° 45' 45 724" ...	3,363.30	26.20	3,389.50				
HYDRAULIC FRAC, 4/10/2012 09:00, AVALON SHALE, OH, 13,481.0 ftKB - 13,681.0 ftKB, Baker Hughes Inc., Ottawa 82962 LBS; 58194 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5936.90		1,940.0	3,740.0		5,792.0	63	6,880.0	71	2.00
HYDRAULIC FRAC, 4/10/2012 13:00, AVALON SHALE, OH, 13,184.0 ftKB - 13,384.0 ftKB, Baker Hughes Inc., 59313 LBS; Ottawa 83060 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5964.90		2,896.0	2,626.0		6,034.0	69	6,680.0	70	2.00
HYDRAULIC FRAC, 4/11/2012 09:00, AVALON SHALE, OH, 12,887.0 ftKB - 13,087.0 ftKB, Baker Hughes Inc., Ottawa 83040 LBS; 59624 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5784.60		6,774.0	4,476.0		6,011.0	68	7,960.0	70	2.00
HYDRAULIC FRAC, 4/12/2012 06:00, AVALON SHALE, OH, 12,590.0 ftKB - 12,790.0 ftKB, BHI, White 5547 LBS; 197400 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5894.10	0.0	1,958.0	4,196.0		6,076.0	69	7,455.0	70	3.00
HYDRAULIC FRAC, 4/12/2012 11:00, AVALON SHALE, OH, 12,293.0 ftKB - 12,493.0 ftKB, BHI, 201966 LBS; White 5489 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5951.10	0.0	2,140.0	4,388.0		5,428.0	70	5,969.0	71	3.00
HYDRAULIC FRAC, 4/12/2012 14:00, AVALON SHALE, OH, 11,996.0 ftKB - 12,196.0 ftKB, BHI, White 5486 LBS; 203522 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5953.90	0.0	2,263.0	5,127.0		5,602.0	68	6,761.0	72	3.00
HYDRAULIC FRAC, 4/15/2012 06:00, AVALON SHALE, OH, 11,699.0 ftKB - 11,899.0 ftKB, BHI, 202642 LBS; White 5441 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5941.20	0.0	2,252.0	4,739.0		5,391.0	69	6,120.0	71	3.00
HYDRAULIC FRAC, 4/15/2012 11:00, AVALON SHALE, OH, 11,402.0 ftKB - 11,602.0 ftKB, BHI, White 5499 LBS; 202180 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5925.90	0.0	2,318.0	5,468.0		5,404.0	69	6,412.0	71	3.00
HYDRAULIC FRAC, 4/15/2012 14:00, AVALON SHALE, OH, 11,105.0 ftKB - 11,305.0 ftKB, BHI, 202936 LBS; White 5495 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5925.70	0.0	2,477.0	6,510.0		5,384.0	69	5,980.0	71	3.00
HYDRAULIC FRAC, 4/16/2012 06:00, AVALON SHALE, OH, 10,808.0 ftKB - 11,008.0 ftKB, BHI, 201283 LBS; White 5361 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5909.60	0.0	2,477.0	5,315.0		5,909.0	70	6,561.0	70	3.00
HYDRAULIC FRAC, 4/16/2012 11:00, AVALON SHALE, OH, 10,511.0 ftKB - 10,711.0 ftKB, BHI, White 5456 LBS; 200270 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5905.00	0.0	2,211.0	4,871.0		5,412.0	70	6,100.0	70	3.00
HYDRAULIC FRAC, 4/16/2012 14:00, AVALON SHALE, OH, 10,214.0 ftKB - 10,414.0 ftKB, BHI, 199922 LBS; White 5613 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5899.20	0.0	2,327.0	4,182.0		5,457.0	70	6,130.0	70	3.00
HYDRAULIC FRAC, 4/16/2012 18:00, AVALON SHALE, OH, 9,917.0 ftKB - 10,117.0 ftKB, BHI, 198992 LBS; White 5440 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5872.10	0.0	2,279.0	4,661.0		5,457.0	63	7,380.0	71	3.00
HYDRAULIC FRAC, 4/17/2012 06:00, AVALON SHALE, OH, 9,917.0 ftKB - 10,117.0 ftKB, BHI, 199547 LBS; White 5464 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5898.40	0.0	2,106.0	5,321.0		5,521.0	70	6,120.0	71	3.00
HYDRAULIC FRAC, 4/17/2012 11:00, AVALON SHALE, OH, 9,323.0 ftKB - 9,523.0 ftKB, BHI, 200122 LBS; White 5474 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc
	5914.90	0.0	2,257.0	4,977.0		5,300.0	70	6,385.0	71	3.00