

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137
		³ Reason for Filing Code/ Effective Date NW / 11/2/15
⁴ API Number 30-015-43024	⁵ Pool Name Wildcat; Bone Spring	⁶ Pool Code 96403
⁷ Property Code 38600	⁸ Property Name Snapping 2 State	⁹ Well Number 10H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	26S	31E		200	North	930	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	2	26S	31E		350	South	410	West	Eddy
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 11/2/15	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
92591	Western Refining Company, L.P. 6500 Trowbridge Drive El Paso, TX 79905	Oil
020809	Regency Field Services, LLC 500 West Texas Ave, Ste 920 Midland, TX 79701	Gas
NM OIL CONSERVATION ARTESIA DISTRICT NOV 24 2015		

RECEIVED

IV. Well Completion Data

²¹ Spud Date 5/2/15	²² Ready Date 11/2/15	²³ TD 14766	²⁴ PBSD 14713	²⁵ Perforations 10480 - 14695	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	985	1055 sx Halcem C; Circ 405 sx		
12-1/4"	9-5/8"	4160	sx Econocem, 395 sx Halcem C; Circ 100		
8-3/4"	5-1/2"	14766	2745 sx cmt; Circ 24 bbls		
	Tubing: 2-7/8"	9664.8			

V. Well Test Data

³¹ Date New Oil 11/11/15	³² Gas Delivery Date 11/11/15	³³ Test Date 11/11/15	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1475 psi	³⁶ Csg. Pressure 2050 psi
³⁷ Choke Size	³⁸ Oil 515 bbl	³⁹ Water 1444 bbl	⁴⁰ Gas 1351 mcf		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Megan Moravec*

Printed name: Megan Moravec

Title: Regulatory Compliance Analyst

E-mail Address: megan.moravec@dm.com

Date: 11/23/2015

Phone:

OIL CONSERVATION DIVISION
Approved by: *AL Dade*
Title: *Dist. PL. Services*
Approval Date:

Provide signature page for Survey

Accepted for record
NMOCD



Directional Survey

30-015-43024

Well Name: SNAPPING 2 STATE 10H

Sub-Division DELAWARE BASIN WEST		Region BASIN WEST		Field Name JENNINGS (NM)		County EDDY		State/Province NM					
Surface Legal Location SEC2 26S R31E		API/UWI 3001543024		Latitude (") 32° 4' 44.123" N		Longitude (") 103° 45' 15.962" W		Orig KB Elevation (ft) 3,324.70		Ground Elev MSL (ft) 3,299.70		KB - GL (ft) 25.00	
Wellbores													
Wellbore Name OH				Parent Wellbore OH				SAP Well ID 38336				Vertical Section Direction (") 178.72	
Kick Offs & Key Depths													
Date 5/15/2015				Type Kick Off				Top Depth (ftKB) 9,691.0					
Actual Deviation Survey MWD, Proposed? No				Definitive? No		Proposed? No		Proposed Deviation Survey					
Deviation Survey													
Date 5/2/2015				Description MWD									
MD Tie In (ftKB)		TVD Tie In (ftKB)		Inclination Tie In (")		Azimuth Tie In (")		NSTie In (ft)		EWTie In (ft)			
Survey Data													
Date	MD (ftKB)	Incl (")	Azm (")	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS ("/100ft)	Survey Tool	Survey Company			
5/2/2015	174.00	0.31	213.84	174.00	0.39	-0.39	-0.26	0.18	MWD	EXTREME SURVEY			
5/2/2015	266.00	0.79	228.03	265.99	1.00	-1.02	-0.87	0.54	MWD	EXTREME SURVEY			
5/2/2015	336.00	1.10	227.06	335.99	1.76	-1.80	-1.72	0.44	MWD	EXTREME SURVEY			
5/2/2015	430.00	1.19	232.73	429.97	2.94	-3.01	-3.16	0.15	MWD	EXTREME SURVEY			
5/2/2015	494.00	1.49	242.36	493.95	3.70	-3.80	-4.43	0.58	MWD	EXTREME SURVEY			
5/2/2015	588.00	2.20	256.95	587.90	4.61	-4.77	-7.27	0.90	MWD	EXTREME SURVEY			
5/2/2015	683.00	2.29	269.16	682.83	4.96	-5.21	-10.94	0.51	MWD	EXTREME SURVEY			
5/2/2015	778.00	2.02	275.76	777.76	4.74	-5.07	-14.50	0.39	MWD	EXTREME SURVEY			
5/2/2015	873.00	1.80	292.76	872.71	3.93	-4.32	-17.55	0.64	MWD	EXTREME SURVEY			
5/2/2015	1,057.00	0.79	339.43	1,056.66	1.56	-2.02	-20.66	0.75	MWD	EXTREME SURVEY			
5/2/2015	1,152.00	0.31	328.27	1,151.66	0.72	-1.19	-21.02	0.52	MWD	EXTREME SURVEY			
5/2/2015	1,247.00	0.62	37.35	1,246.66	0.09	-0.56	-20.85	0.62	MWD	EXTREME SURVEY			
5/2/2015	1,336.00	0.70	50.23	1,335.65	-0.62	0.17	-20.14	0.19	MWD	EXTREME SURVEY			
5/2/2015	1,425.00	0.79	18.46	1,424.64	-1.54	1.10	-19.52	0.47	MWD	EXTREME SURVEY			
5/2/2015	1,514.00	0.79	1.45	1,513.63	-2.73	2.30	-19.31	0.26	MWD	EXTREME SURVEY			
5/2/2015	1,604.00	0.88	24.74	1,603.63	-3.97	3.54	-19.01	0.39	MWD	EXTREME SURVEY			
5/2/2015	1,693.00	1.01	72.25	1,692.61	-4.80	4.40	-17.98	0.87	MWD	EXTREME SURVEY			
5/2/2015	1,782.00	0.79	89.96	1,781.60	-5.01	4.64	-16.61	0.40	MWD	EXTREME SURVEY			
5/2/2015	1,872.00	1.19	82.84	1,871.59	-5.09	4.76	-15.07	0.46	MWD	EXTREME SURVEY			
5/2/2015	1,961.00	0.88	86.26	1,960.58	-5.22	4.92	-13.47	0.36	MWD	EXTREME SURVEY			
5/2/2015	2,050.00	1.10	50.45	2,049.56	-5.78	5.51	-12.13	0.72	MWD	EXTREME SURVEY			
5/2/2015	2,139.00	1.01	63.24	2,138.55	-6.64	6.41	-10.77	0.28	MWD	EXTREME SURVEY			
5/2/2015	2,228.00	0.31	107.27	2,227.54	-6.90	6.69	-9.84	0.92	MWD	EXTREME SURVEY			
5/2/2015	2,318.00	0.79	215.16	2,317.54	-6.33	6.11	-9.96	1.04	MWD	EXTREME SURVEY			
5/2/2015	2,407.00	1.32	211.16	2,406.52	-4.97	4.73	-10.85	0.60	MWD	EXTREME SURVEY			
5/2/2015	2,496.00	1.31	226.05	2,495.50	-3.41	3.15	-12.11	0.38	MWD	EXTREME SURVEY			
5/2/2015	2,586.00	1.49	210.15	2,585.47	-1.72	1.42	-13.44	0.47	MWD	EXTREME SURVEY			
5/2/2015	2,675.00	1.01	235.85	2,674.45	-0.31	-0.02	-14.67	0.82	MWD	EXTREME SURVEY			
5/2/2015	2,764.00	1.49	286.74	2,763.43	-0.24	-0.13	-16.43	1.30	MWD	EXTREME SURVEY			
5/2/2015	2,854.00	1.41	299.75	2,853.41	-1.17	0.76	-18.51	0.38	MWD	EXTREME SURVEY			
5/2/2015	2,943.00	0.79	298.96	2,942.39	-2.04	1.60	-19.99	0.70	MWD	EXTREME SURVEY			
5/2/2015	3,032.00	0.62	333.06	3,031.38	-2.79	2.32	-20.75	0.50	MWD	EXTREME SURVEY			
5/2/2015	3,122.00	0.31	38.67	3,121.38	-3.41	2.95	-20.82	0.63	MWD	EXTREME SURVEY			
5/2/2015	3,211.00	0.62	62.14	3,210.38	-3.81	3.36	-20.24	0.40	MWD	EXTREME SURVEY			
5/2/2015	3,300.00	0.62	108.06	3,299.37	-3.87	3.44	-19.36	0.54	MWD	EXTREME SURVEY			
5/2/2015	3,389.00	0.70	123.75	3,388.37	-3.40	2.99	-18.45	0.22	MWD	EXTREME SURVEY			
5/2/2015	3,479.00	0.88	144.27	3,478.36	-2.51	2.12	-17.59	0.37	MWD	EXTREME SURVEY			
5/2/2015	3,568.00	2.11	131.75	3,567.33	-0.83	0.47	-15.97	1.42	MWD	EXTREME SURVEY			
5/2/2015	3,657.00	2.99	128.76	3,656.24	1.78	-2.07	-12.93	1.00	MWD	EXTREME SURVEY			
5/2/2015	3,746.00	2.99	129.95	3,745.12	4.80	-5.01	-9.34	0.07	MWD	EXTREME SURVEY			
5/2/2015	3,836.00	4.31	134.25	3,834.93	8.76	-8.88	-5.12	1.50	MWD	EXTREME SURVEY			
5/2/2015	3,925.00	5.19	134.56	3,923.62	14.04	-14.04	0.14	0.99	MWD	EXTREME SURVEY			
5/2/2015	4,014.00	4.61	156.44	4,012.31	20.24	-20.14	4.44	2.18	MWD	EXTREME SURVEY			
5/2/2015	4,031.00	5.01	157.94	4,029.25	21.56	-21.46	4.99	2.47	MWD	EXTREME SURVEY			
5/2/2015	4,220.00	4.40	167.30	4,217.61	36.39	-36.18	9.68	0.52	MWD	PRECISION MWD			
5/2/2015	4,309.00	4.50	158.60	4,306.34	43.01	-42.76	11.71	0.77	MWD	PRECISION MWD			
5/2/2015	4,399.00	4.80	141.20	4,396.05	49.31	-48.98	15.36	1.60	MWD	PRECISION MWD			
5/2/2015	4,488.00	5.50	124.20	4,484.70	54.74	-54.28	21.22	1.88	MWD	PRECISION MWD			
5/2/2015	4,577.00	5.80	110.10	4,573.27	58.86	-58.22	28.97	1.59	MWD	PRECISION MWD			
5/2/2015	4,667.00	5.20	97.10	4,662.86	61.11	-60.29	37.29	1.53	MWD	PRECISION MWD			
5/2/2015	4,756.00	5.10	80.60	4,751.50	61.14	-60.14	45.19	1.66	MWD	PRECISION MWD			
5/2/2015	4,845.00	5.00	77.30	4,840.16	59.81	-58.65	52.88	0.35	MWD	PRECISION MWD			
5/2/2015	4,935.00	5.30	75.50	4,929.80	58.08	-56.74	60.73	0.38	MWD	PRECISION MWD			
5/2/2015	5,024.00	5.50	73.90	5,018.40	56.05	-54.53	68.81	0.28	MWD	PRECISION MWD			
5/2/2015	5,114.00	5.00	77.80	5,108.02	54.21	-52.51	76.78	0.68	MWD	PRECISION MWD			
5/2/2015	5,203.00	4.10	85.90	5,196.74	53.32	-51.46	83.75	1.24	MWD	PRECISION MWD			
5/2/2015	5,292.00	4.00	85.30	5,285.52	52.97	-50.98	90.02	0.12	MWD	PRECISION MWD			
5/2/2015	5,382.00	4.10	84.80	5,375.30	52.57	-50.43	96.35	0.12	MWD	PRECISION MWD			
5/2/2015	5,471.00	4.00	81.30	5,464.07	51.95	-49.67	102.59	0.30	MWD	PRECISION MWD			
5/2/2015	5,560.00	4.30	82.50	5,552.84	51.19	-48.76	108.96	0.35	MWD	PRECISION MWD			
5/2/2015	5,650.00	4.20	81.10	5,642.59	50.38	-47.81	115.56	0.16	MWD	PRECISION MWD			
5/2/2015	5,739.00	4.10	79.50	5,731.36	49.44	-46.73	121.91	0.17	MWD	PRECISION MWD			
5/2/2015	5,829.00	4.00	81.30	5,821.13	48.52	-45.67	128.18	0.18	MWD	PRECISION MWD			
5/2/2015	5,918.00	3.90	78.50	5,909.92	47.58	-44.60	134.21	0.24	MWD	PRECISION MWD			
5/2/2015	6,008.00	3.90	74.80	5,999.72	46.30	-43.18	140.17	0.28	MWD	PRECISION MWD			
5/2/2015	6,097.00	3.80	76.70	6,088.51	44.96	-41.71	145.96	0.18	MWD	PRECISION MWD			



Directional Survey

Well Name: SNAPPING 2 STATE 10H

Sub-Division DELAWARE BASIN WEST		Region BASIN WEST		Field Name JENNINGS (NM)			County EDDY		State/Province NM	
Surface Legal Location SEC2 26S R31E		API/UWI 3001543024		Latitude (°) 32° 4' 44.123" N	Longitude (°) 103° 45' 15.962" W		Orig KB Elevation (ft) 3,324.70	Ground Elev MSL (ft) 3,299.70	KB - GL (ft) 25.00	
Survey Data										
Date	MD (ftKB)	incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (*/100ft)	Survey Tool	Survey Company
5/2/2015	6,186.00	3.50	77.40	6,177.33	43.81	-40.44	151.48	0.34	MWD	PRECISION MWD
5/2/2015	6,276.00	3.40	77.80	6,267.17	42.77	-39.28	156.77	0.11	MWD	PRECISION MWD
5/2/2015	6,365.00	4.40	86.60	6,355.96	42.14	-38.52	162.76	1.31	MWD	PRECISION MWD
5/2/2015	6,455.00	4.50	89.40	6,445.69	42.06	-38.28	169.73	0.27	MWD	PRECISION MWD
5/2/2015	6,544.00	4.40	75.00	6,534.43	41.29	-37.36	176.52	1.26	MWD	PRECISION MWD
5/2/2015	6,634.00	4.50	72.90	6,624.16	39.51	-35.42	183.23	0.21	MWD	PRECISION MWD
5/2/2015	6,723.00	4.50	73.40	6,712.88	37.63	-33.40	189.91	0.04	MWD	PRECISION MWD
5/2/2015	6,812.00	3.90	72.90	6,801.64	35.89	-31.51	196.15	0.68	MWD	PRECISION MWD
5/2/2015	6,901.00	3.80	76.00	6,890.44	34.41	-29.91	201.91	0.26	MWD	PRECISION MWD
5/2/2015	6,991.00	3.60	76.20	6,980.25	33.14	-28.51	207.54	0.22	MWD	PRECISION MWD
5/2/2015	7,080.00	3.80	77.40	7,069.07	31.96	-27.20	213.14	0.24	MWD	PRECISION MWD
5/2/2015	7,169.00	3.50	80.90	7,157.89	31.01	-26.13	218.70	0.42	MWD	PRECISION MWD
5/2/2015	7,259.00	4.40	76.40	7,247.67	29.90	-24.88	224.77	1.06	MWD	PRECISION MWD
5/2/2015	7,348.00	4.30	77.10	7,336.42	28.50	-23.34	231.34	0.13	MWD	PRECISION MWD
5/2/2015	7,437.00	4.00	81.30	7,425.18	27.43	-22.12	237.66	0.48	MWD	PRECISION MWD
5/2/2015	7,526.00	4.20	84.30	7,513.96	26.77	-21.33	243.97	0.33	MWD	PRECISION MWD
5/2/2015	7,616.00	4.20	73.00	7,603.72	25.63	-20.04	250.40	0.92	MWD	PRECISION MWD
5/2/2015	7,705.00	4.10	72.30	7,692.48	23.84	-18.12	256.55	0.13	MWD	PRECISION MWD
5/2/2015	7,794.00	3.90	79.70	7,781.27	22.47	-16.61	262.56	0.62	MWD	PRECISION MWD
5/2/2015	7,884.00	3.30	78.80	7,871.09	21.54	-15.56	268.11	0.67	MWD	PRECISION MWD
5/2/2015	7,973.00	3.90	82.90	7,959.91	20.80	-14.69	273.62	0.73	MWD	PRECISION MWD
5/2/2015	8,063.00	3.80	83.40	8,049.71	20.21	-13.97	279.62	0.12	MWD	PRECISION MWD
5/2/2015	8,152.00	3.10	89.40	8,138.55	19.96	-13.60	284.96	0.88	MWD	PRECISION MWD
5/2/2015	8,241.00	3.20	79.70	8,227.41	19.60	-13.13	289.81	0.61	MWD	PRECISION MWD
5/2/2015	8,331.00	2.60	80.40	8,317.30	18.91	-12.34	294.30	0.67	MWD	PRECISION MWD
5/2/2015	8,420.00	1.90	77.10	8,406.23	18.32	-11.68	297.72	0.80	MWD	PRECISION MWD
5/2/2015	8,509.00	1.20	85.30	8,495.20	17.97	-11.27	300.09	0.82	MWD	PRECISION MWD
5/2/2015	8,599.00	0.80	83.60	8,585.18	17.86	-11.12	301.65	0.45	MWD	PRECISION MWD
5/2/2015	8,688.00	0.60	77.10	8,674.18	17.71	-10.95	302.73	0.24	MWD	PRECISION MWD
5/2/2015	8,777.00	0.40	27.20	8,763.17	17.34	-10.57	303.32	0.52	MWD	PRECISION MWD
5/2/2015	8,866.00	0.70	5.90	8,852.17	16.53	-9.75	303.52	0.40	MWD	PRECISION MWD
5/2/2015	8,956.00	0.90	343.90	8,942.16	15.30	-8.53	303.38	0.40	MWD	PRECISION MWD
5/2/2015	9,045.00	1.10	9.40	9,031.15	13.79	-7.01	303.33	0.54	MWD	PRECISION MWD
5/2/2015	9,135.00	1.60	347.60	9,121.12	11.70	-4.93	303.20	0.79	MWD	PRECISION MWD
5/2/2015	9,224.00	1.40	334.90	9,210.09	9.49	-2.73	302.47	0.43	MWD	PRECISION MWD
5/2/2015	9,313.00	1.10	336.90	9,299.07	7.70	-0.96	301.67	0.34	MWD	PRECISION MWD
5/2/2015	9,402.00	0.80	321.90	9,388.06	6.41	0.31	300.95	0.44	MWD	PRECISION MWD
5/2/2015	9,492.00	0.40	242.10	9,478.05	6.05	0.66	300.29	0.92	MWD	PRECISION MWD
5/2/2015	9,581.00	0.50	212.30	9,567.05	6.51	0.18	299.81	0.28	MWD	PRECISION MWD
5/2/2015	9,627.00	0.90	207.30	9,613.05	7.00	-0.31	299.53	0.88	MWD	PRECISION MWD
5/2/2015	9,644.00	0.90	204.90	9,630.05	7.23	-0.55	299.42	0.22	MWD	PRECISION MWD
5/2/2015	9,674.00	1.30	188.20	9,660.04	7.78	-1.10	299.27	1.70	MWD	PRECISION MWD
5/2/2015	9,705.00	3.10	188.20	9,691.02	8.96	-2.27	299.10	5.81	MWD	PRECISION MWD
5/2/2015	9,734.00	6.80	187.60	9,719.90	11.43	-4.75	298.76	12.76	MWD	PRECISION MWD
5/2/2015	9,764.00	10.90	186.90	9,749.54	15.99	-9.33	298.18	13.67	MWD	PRECISION MWD
5/2/2015	9,794.00	15.00	186.80	9,778.77	22.64	-16.01	297.38	13.67	MWD	PRECISION MWD
5/2/2015	9,824.00	19.50	185.50	9,807.41	31.47	-24.85	296.44	15.05	MWD	PRECISION MWD
5/2/2015	9,854.00	22.80	184.30	9,835.39	42.23	-35.63	295.53	11.09	MWD	PRECISION MWD
5/16/2015	9,884.00	25.20	181.50	9,862.79	54.39	-47.82	294.92	8.85	MWD	PRECISION MWD
5/16/2015	9,913.00	27.70	181.10	9,888.76	67.29	-60.73	294.63	8.64	MWD	PRECISION MWD
5/16/2015	9,943.00	29.30	180.80	9,915.12	81.60	-75.04	294.40	5.35	MWD	PRECISION MWD
5/16/2015	9,973.00	30.40	179.70	9,941.14	96.52	-89.97	294.33	4.10	MWD	PRECISION MWD
5/16/2015	10,002.00	32.40	179.40	9,965.89	111.63	-105.08	294.45	6.92	MWD	PRECISION MWD
5/16/2015	10,032.00	33.90	178.70	9,991.01	128.04	-121.48	294.73	5.16	MWD	PRECISION MWD
5/16/2015	10,062.00	35.90	179.00	10,015.61	145.20	-138.64	295.07	6.69	MWD	PRECISION MWD
5/16/2015	10,092.00	39.00	180.10	10,039.43	163.44	-156.88	295.21	10.57	MWD	PRECISION MWD
5/16/2015	10,122.00	42.60	181.10	10,062.13	183.02	-176.48	295.00	12.20	MWD	PRECISION MWD
5/16/2015	10,152.00	46.30	181.80	10,083.54	204.00	-197.48	294.46	12.44	MWD	PRECISION MWD
5/16/2015	10,181.00	50.50	181.70	10,102.79	225.66	-219.15	293.80	14.49	MWD	PRECISION MWD
5/16/2015	10,211.00	55.00	180.40	10,120.95	249.51	-243.02	293.37	15.39	MWD	PRECISION MWD
5/16/2015	10,241.00	59.20	180.60	10,137.24	274.68	-268.20	293.15	14.01	MWD	PRECISION MWD
5/16/2015	10,271.00	62.40	180.30	10,151.87	300.85	-294.38	292.95	10.70	MWD	PRECISION MWD
5/16/2015	10,301.00	64.90	179.40	10,165.19	327.73	-321.26	293.02	8.76	MWD	PRECISION MWD
5/16/2015	10,331.00	67.90	177.80	10,177.20	355.21	-348.74	293.69	11.13	MWD	PRECISION MWD
5/16/2015	10,360.00	71.10	176.60	10,187.35	382.36	-375.87	295.02	11.70	MWD	PRECISION MWD
5/16/2015	10,390.00	73.80	177.30	10,196.40	410.95	-404.43	296.54	9.27	MWD	PRECISION MWD
5/16/2015	10,420.00	73.60	178.70	10,204.82	439.74	-433.20	297.55	4.53	MWD	PRECISION MWD
5/16/2015	10,435.00	72.40	179.00	10,209.21	454.09	-447.54	297.84	8.23	MWD	PRECISION MWD
5/17/2015	10,449.00	71.40	178.20	10,213.55	467.39	-460.85	298.16	8.97	MWD	PRECISION MWD
5/17/2015	10,479.00	69.30	176.60	10,223.64	495.64	-489.07	299.44	8.62	MWD	PRECISION MWD
5/17/2015	10,509.00	70.40	175.20	10,233.98	523.76	-517.16	301.46	5.71	MWD	PRECISION MWD
5/17/2015	10,538.00	74.60	174.50	10,242.70	551.35	-544.70	303.94	14.66	MWD	PRECISION MWD
5/17/2015	10,568.00	79.70	174.10	10,249.37	580.50	-573.79	306.84	17.05	MWD	PRECISION MWD
5/19/2015	10,595.00	85.20	175.00	10,252.91	607.19	-600.43	309.38	20.64	MWD	PRECISION MWD
5/19/2015	10,655.00	90.30	176.80	10,255.27	667.05	-660.21	313.67	9.01	MWD	PRECISION MWD
5/19/2015	10,744.00	90.70	177.50	10,254.49	756.01	-749.09	318.09	0.91	MWD	PRECISION MWD
5/19/2015	10,833.00	90.30	177.80	10,253.71	844.99	-838.01	321.74	0.56	MWD	PRECISION MWD
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Directional Survey

Well Name: SNAPPING 2 STATE 10H

Sub-Division	Region	Field Name	County	State/Province		
DELAWARE BASIN WEST	BASIN WEST	JENNINGS (NM)	EDDY	NM		
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Orig KB Elevation (ft)	Ground Elev MSL (ft)	KB - GL (ft)
SEC2 26S R31E	3001543024	32° 4' 44.123" N	103° 45' 15.962" W	3,324.70	3,299.70	25.00

Survey Data										
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company
5/19/2015	10,923.00	90.10	178.20	10,253.40	934.98	-927.96	324.88	0.50	MWD	PRECISION MWD
5/19/2015	11,012.00	89.90	178.30	10,253.40	1,023.98	-1,016.92	327.60	0.25	MWD	PRECISION MWD
5/19/2015	11,102.00	89.90	178.70	10,253.56	1,113.98	-1,106.88	329.96	0.44	MWD	PRECISION MWD
5/19/2015	11,191.00	89.00	179.20	10,254.41	1,202.97	-1,195.86	331.59	1.16	MWD	PRECISION MWD
5/19/2015	11,281.00	89.30	179.90	10,255.75	1,292.95	-1,285.85	332.29	0.85	MWD	PRECISION MWD
5/19/2015	11,370.00	89.90	180.80	10,256.37	1,381.91	-1,374.85	331.75	1.22	MWD	PRECISION MWD
5/19/2015	11,459.00	89.50	180.60	10,256.83	1,470.86	-1,463.84	330.66	0.50	MWD	PRECISION MWD
5/19/2015	11,549.00	90.40	179.60	10,256.91	1,560.83	-1,553.84	330.51	1.49	MWD	PRECISION MWD
5/19/2015	11,638.00	90.70	179.60	10,256.06	1,649.82	-1,642.83	331.13	0.34	MWD	PRECISION MWD
5/19/2015	11,727.00	90.40	180.10	10,255.20	1,738.79	-1,731.82	331.36	0.66	MWD	PRECISION MWD
5/19/2015	11,816.00	89.90	180.40	10,254.97	1,827.76	-1,820.82	330.97	0.66	MWD	PRECISION MWD
5/19/2015	11,905.00	90.60	180.60	10,254.58	1,916.72	-1,909.82	330.20	0.82	MWD	PRECISION MWD
5/19/2015	11,995.00	90.70	181.30	10,253.56	2,006.64	-1,999.80	328.70	0.79	MWD	PRECISION MWD
5/19/2015	12,084.00	90.70	180.60	10,252.47	2,095.57	-2,088.78	327.23	0.79	MWD	PRECISION MWD
5/19/2015	12,174.00	91.00	181.10	10,251.14	2,185.50	-2,178.76	325.89	0.65	MWD	PRECISION MWD
5/19/2015	12,263.00	90.70	180.30	10,249.82	2,274.43	-2,267.74	324.81	0.96	MWD	PRECISION MWD
5/19/2015	12,352.00	91.00	179.00	10,248.50	2,363.41	-2,356.73	325.35	1.50	MWD	PRECISION MWD
5/20/2015	12,441.00	91.20	178.30	10,246.79	2,452.39	-2,445.69	327.45	0.82	MWD	PRECISION MWD
5/20/2015	12,530.00	92.00	177.10	10,244.30	2,541.34	-2,534.58	331.02	1.62	MWD	PRECISION MWD
5/20/2015	12,620.00	92.40	177.50	10,240.85	2,631.25	-2,624.41	335.25	0.63	MWD	PRECISION MWD
5/20/2015	12,710.00	92.10	177.30	10,237.32	2,721.15	-2,714.25	339.33	0.40	MWD	PRECISION MWD
5/20/2015	12,799.00	91.60	177.50	10,234.44	2,810.08	-2,803.11	343.37	0.61	MWD	PRECISION MWD
5/20/2015	12,888.00	91.20	177.60	10,232.27	2,899.04	-2,892.00	347.17	0.46	MWD	PRECISION MWD
5/20/2015	12,978.00	91.00	178.00	10,230.54	2,989.01	-2,981.92	350.62	0.50	MWD	PRECISION MWD
5/20/2015	13,067.00	90.90	178.90	10,229.06	3,077.99	-3,070.87	353.03	1.02	MWD	PRECISION MWD
5/21/2015	13,156.00	90.90	179.20	10,227.67	3,166.98	-3,159.85	354.51	0.34	MWD	PRECISION MWD
5/21/2015	13,246.00	90.70	178.50	10,226.41	3,256.97	-3,249.82	356.31	0.81	MWD	PRECISION MWD
5/21/2015	13,335.00	90.30	179.20	10,225.63	3,345.97	-3,338.80	358.10	0.91	MWD	PRECISION MWD
5/21/2015	13,424.00	90.10	178.70	10,225.32	3,434.97	-3,427.79	359.73	0.61	MWD	PRECISION MWD
5/21/2015	13,514.00	90.40	178.30	10,224.93	3,524.96	-3,517.75	362.09	0.56	MWD	PRECISION MWD
5/21/2015	13,603.00	90.50	178.30	10,224.23	3,613.96	-3,606.71	364.73	0.11	MWD	PRECISION MWD
5/21/2015	13,692.00	90.50	178.30	10,223.45	3,702.95	-3,695.67	367.37	0.00	MWD	PRECISION MWD
5/21/2015	13,782.00	90.50	178.50	10,222.67	3,792.95	-3,785.63	369.88	0.22	MWD	PRECISION MWD
5/21/2015	13,871.00	90.70	178.90	10,221.74	3,881.94	-3,874.60	371.90	0.50	MWD	PRECISION MWD
5/21/2015	13,960.00	91.10	179.20	10,220.34	3,970.93	-3,963.58	373.37	0.56	MWD	PRECISION MWD
5/21/2015	14,049.00	91.50	179.20	10,218.32	4,059.90	-4,052.55	374.62	0.45	MWD	PRECISION MWD
5/21/2015	14,139.00	91.50	179.20	10,215.96	4,149.87	-4,142.51	375.87	0.00	MWD	PRECISION MWD
5/21/2015	14,228.00	91.60	179.70	10,213.56	4,238.83	-4,231.47	376.73	0.57	MWD	PRECISION MWD
5/21/2015	14,317.00	91.50	180.10	10,211.15	4,327.78	-4,320.44	376.88	0.46	MWD	PRECISION MWD
5/21/2015	14,407.00	91.10	180.60	10,209.11	4,417.72	-4,410.41	376.33	0.71	MWD	PRECISION MWD
5/21/2015	14,496.00	91.00	180.80	10,207.48	4,506.65	-4,499.39	375.25	0.25	MWD	PRECISION MWD
5/21/2015	14,585.00	91.00	181.00	10,205.92	4,595.57	-4,588.37	373.85	0.22	MWD	PRECISION MWD
5/21/2015	14,674.00	90.20	181.10	10,204.99	4,684.49	-4,677.35	372.22	0.91	MWD	PRECISION MWD
5/21/2015	14,697.00	90.20	181.10	10,204.91	4,707.47	-4,700.34	371.77	0.00	MWD	PRECISION MWD
5/21/2015	14,766.00	90.20	181.10	10,204.67	4,776.41	-4,769.33	370.45	0.00	BIT	PRECISION MWD