

FEB 16 2016

RECEIVED



May 12, 2015

Oil Conservation Division
State of New Mexico
1625 N. French Drive
Hobbs, New Mexico 88240

Dear District 1 - Hobbs

Re: Chevron North America Exploration
Salado Draw SWD 13-1
Lea County, NM
API #30-025-42354
Job No. 1513029

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Ian Benedetti	1	791	14,620	03/03/15	05/02/15	MWD

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Alva J. Dunigan

Alva J. Dunigan
Operations Administrator

Certified mail receipt number: **7011 1570 0001 4365 0571**

FEB 17 2016

Phoenix Technology Services
SURVEY DATA CERTIFICATION



PHOENIX JOB NUMBER

1513029

ENERGY COMPANY **Chevron**

WELL NAME **Salado Draw SWD 13-1**

COUNTY & STATE

Lea County, New Mexico

API WELL NUMBER

30-025-42354

PROPOSED DIRECTION

0.00

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
729. ft	728.98 ft	0.70	94.00	2.79 ft	4.24 ft	GYRO

FIRST	FIRST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
3-Mar-15	791.00 ft	0.80	85.10

SURVEY INSTRUMENT

TYPE

Phoenix MWD

LAST	LAST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
2-May-15	14,620.00 ft	1.10	309.10

TO THE BEST OF MY KNOWLEDGE I
CERTIFY THIS SURVEY DATA TO BE
TRUE AND CORRECT.

PROJECTED	PROJECTED		
TD SURVEY	TD SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
2-May-15	14,680.00 ft	1.10	309.10

Ian Benedetti

PRINT YOUR NAME ABOVE

Ian Benedetti

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	6.95
DECLINATION OR GRID	GRID

3-May-15

TODAY'S DATE

MWD SUPERVISOR 1

Ian Benedetti

DIRECTIONAL DRILLER 1

Sid Richardson

MWD SUPERVISOR 2

Benjamin Cheney

DIRECTIONAL DRILLER 2

Mikel Gordon

12329 Cutten Rd., Houston, Texas 777066

(713)337-0600 (Voice), (713)337-0599 (Fax)



HOBBS OCD

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Chevron

**Lea County, NM (NAD27 NME)
Salado Draw
SWD 13-1**

Wellbore #1/Job#1513029

Survey: Phoenix MWD Surveys

Standard Survey Report

03 May, 2015



Survey Report

Company:	Chevron	Local Co-ordinate Reference:	Well SWD 13-1
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	WELL @ 3199.00usft (Ensign 769)
Site:	Salado Draw	MD Reference:	WELL @ 3199.00usft (Ensign 769)
Well:	SWD 13-1	North Reference:	Grid
Wellbore:	Wellbore #1/Job#1513029	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Ensign 769)	Database:	Compass 5000 GCR

Project	Lea County, NM (NAD27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Salado Draw		
Site Position:		Northing:	377,629.00 usft
From:	Map	Easting:	715,930.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 10.68686 N
		Longitude:	103° 38' 11.42117 W
		Grid Convergence:	0.37 °

Well	SWD 13-1		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32° 2' 10.68686 N
		Longitude:	103° 38' 11.42117 W
		Ground Level:	3,171.00 usft

Wellbore	Wellbore #1/Job#1513029				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2014	2/18/2015	7.32	59.90	48,080

Design	Surveys (Ensign 769)				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00		0.00

Survey Program	Date 5/3/2015				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.00	729.00	Teledrift Surveys (Wellbore #1/Job#15130	MWD	MWD - Standard	
791.00	14,680.00	Phoenix MWD Surveys (Wellbore #1/Job#	PHX+MWD+BGGM	PHX+MWD+BGGM v3:standard declination	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
729.00	0.70	94.00	728.98	-2.79	4.24	-2.79	0.00	0.00	0.00
Tie-in to Teledrift Surveys									
791.00	0.80	85.10	790.97	-2.78	5.05	-2.78	0.25	0.16	-14.35
First Phoenix Survey									
881.00	0.70	98.90	880.96	-2.81	6.22	-2.81	0.23	-0.11	15.33
970.00	0.60	91.90	969.96	-2.91	7.22	-2.91	0.14	-0.11	-7.87
1,059.00	0.40	116.60	1,058.96	-3.06	7.97	-3.06	0.33	-0.22	27.75
1,148.00	0.30	98.40	1,147.95	-3.24	8.48	-3.24	0.17	-0.11	-20.45
1,237.00	0.40	83.00	1,236.95	-3.23	9.01	-3.23	0.15	0.11	-17.30



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Site:	Salado Draw	MD Reference:	WELL @ 3199.00usft (Ensign 769)
Well:	SWD 13-1	North Reference:	Grid
Wellbore:	Wellbore #1/Job#1513029	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Ensign 769)	Database:	Compass 5000 GCR

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,326.00	0.40	100.80	1,325.95	-3.25	9.63	-3.25	0.14	0.00	20.00
1,415.00	0.00	263.70	1,414.95	-3.31	9.93	-3.31	0.45	-0.45	0.00
1,504.00	0.30	295.50	1,503.95	-3.21	9.72	-3.21	0.34	0.34	0.00
1,593.00	0.30	269.80	1,592.95	-3.11	9.28	-3.11	0.15	0.00	-28.88
1,682.00	0.20	291.10	1,681.95	-3.06	8.90	-3.06	0.15	-0.11	23.93
1,772.00	0.30	265.70	1,771.95	-3.02	8.52	-3.02	0.16	0.11	-28.22
1,861.00	0.20	267.90	1,860.94	-3.04	8.13	-3.04	0.11	-0.11	2.47
1,950.00	0.30	301.90	1,949.94	-2.92	7.78	-2.92	0.20	0.11	38.20
2,040.00	0.30	277.20	2,039.94	-2.77	7.35	-2.77	0.14	0.00	-27.44
2,129.00	0.40	287.30	2,128.94	-2.65	6.82	-2.65	0.13	0.11	11.35
2,218.00	0.50	264.60	2,217.94	-2.59	6.13	-2.59	0.23	0.11	-25.51
2,307.00	0.50	284.80	2,306.94	-2.53	5.37	-2.53	0.20	0.00	22.70
2,396.00	0.50	277.20	2,395.93	-2.38	4.61	-2.38	0.07	0.00	-8.54
2,485.00	0.80	282.40	2,484.93	-2.20	3.62	-2.20	0.34	0.34	5.84
2,574.00	0.80	287.10	2,573.92	-1.88	2.42	-1.88	0.07	0.00	5.28
2,664.00	0.80	272.90	2,663.91	-1.67	1.19	-1.67	0.22	0.00	-15.78
2,753.00	0.90	275.10	2,752.90	-1.57	-0.13	-1.57	0.12	0.11	2.47
2,842.00	0.90	276.40	2,841.89	-1.43	-1.52	-1.43	0.02	0.00	1.46
2,931.00	0.90	274.10	2,930.88	-1.30	-2.91	-1.30	0.04	0.00	-2.58
3,021.00	1.00	271.40	3,020.86	-1.24	-4.40	-1.24	0.12	0.11	-3.00
3,110.00	1.00	272.60	3,109.85	-1.18	-5.95	-1.18	0.02	0.00	1.35
3,199.00	0.60	270.80	3,198.84	-1.14	-7.19	-1.14	0.45	-0.45	-2.02
3,288.00	0.10	46.60	3,287.84	-1.08	-7.60	-1.08	0.76	-0.56	152.58
3,377.00	0.20	79.60	3,376.84	-1.00	-7.39	-1.00	0.14	0.11	37.08
3,467.00	0.40	65.30	3,466.84	-0.84	-6.95	-0.84	0.24	0.22	-15.89
3,556.00	0.60	73.20	3,555.84	-0.57	-6.22	-0.57	0.24	0.22	8.88
3,645.00	0.60	73.70	3,644.83	-0.31	-5.33	-0.31	0.01	0.00	0.56
3,734.00	0.50	85.00	3,733.83	-0.14	-4.50	-0.14	0.17	-0.11	12.70
3,823.00	0.60	78.10	3,822.82	-0.01	-3.65	-0.01	0.13	0.11	-7.75
3,912.00	0.70	78.40	3,911.82	0.19	-2.67	0.19	0.11	0.11	0.34
4,002.00	0.90	95.80	4,001.81	0.23	-1.42	0.23	0.35	0.22	19.33
4,091.00	1.00	101.20	4,090.80	0.01	0.03	0.01	0.15	0.11	6.07
4,180.00	1.10	102.20	4,179.78	-0.32	1.63	-0.32	0.11	0.11	1.12
4,269.00	1.10	114.30	4,268.76	-0.85	3.24	-0.85	0.26	0.00	13.60
4,358.00	1.20	118.90	4,357.75	-1.66	4.84	-1.66	0.15	0.11	5.17
4,447.00	0.70	128.10	4,446.73	-2.44	6.08	-2.44	0.59	-0.56	10.34
4,477.00	0.60	148.10	4,476.73	-2.69	6.31	-2.69	0.82	-0.33	66.67
4,642.00	0.80	159.10	4,641.72	-4.50	7.18	-4.50	0.15	0.12	6.67
4,731.00	0.30	170.30	4,730.72	-5.31	7.44	-5.31	0.57	-0.56	12.58
4,820.00	0.30	140.70	4,819.71	-5.72	7.62	-5.72	0.17	0.00	-33.26
4,910.00	0.30	96.70	4,909.71	-5.93	8.01	-5.93	0.25	0.00	-48.89
4,999.00	0.60	130.00	4,998.71	-6.25	8.60	-6.25	0.43	0.34	37.42
5,088.00	0.20	168.40	5,087.71	-6.71	8.98	-6.71	0.52	-0.45	43.15



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Site:	Salado Draw	MD Reference:	WELL @ 3199.00usft (Ensign 769)
Well:	SWD 13-1	North Reference:	Grid
Wellbore:	Wellbore #1/Job#1513029	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Ensign 769)	Database:	Compass 5000 GCR

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,177.00	0.40	283.80	5,176.71	-6.78	8.71	-6.78	0.58	0.22	129.66
5,267.00	0.70	279.30	5,266.70	-6.62	7.87	-6.62	0.34	0.33	-5.00
5,356.00	0.30	286.40	5,355.70	-6.47	7.11	-6.47	0.45	-0.45	7.98
5,445.00	0.30	269.60	5,444.70	-6.40	6.65	-6.40	0.10	0.00	-18.88
5,534.00	0.70	293.00	5,533.70	-6.19	5.92	-6.19	0.50	0.45	26.29
5,623.00	0.50	298.80	5,622.69	-5.79	5.08	-5.79	0.23	-0.22	6.52
5,712.00	0.60	297.20	5,711.69	-5.39	4.32	-5.39	0.11	0.11	-1.80
5,801.00	0.60	294.10	5,800.68	-4.99	3.48	-4.99	0.04	0.00	-3.48
5,891.00	0.80	286.30	5,890.67	-4.62	2.45	-4.62	0.25	0.22	-8.67
5,980.00	0.60	292.60	5,979.67	-4.27	1.42	-4.27	0.24	-0.22	7.08
6,069.00	0.80	275.70	6,068.66	-4.03	0.37	-4.03	0.32	0.22	-18.99
6,158.00	0.80	271.30	6,157.65	-3.95	-0.87	-3.95	0.07	0.00	-4.94
6,247.00	0.60	281.40	6,246.65	-3.84	-1.94	-3.84	0.26	-0.22	11.35
6,336.00	0.70	296.70	6,335.64	-3.51	-2.89	-3.51	0.22	0.11	17.19
6,425.00	0.40	282.10	6,424.64	-3.20	-3.68	-3.20	0.37	-0.34	-16.40
6,514.00	0.40	269.60	6,513.63	-3.14	-4.29	-3.14	0.10	0.00	-14.04
6,604.00	0.50	277.30	6,603.63	-3.09	-4.99	-3.09	0.13	0.11	8.56
6,693.00	0.80	253.80	6,692.63	-3.21	-5.98	-3.21	0.44	0.34	-26.40
6,782.00	0.80	255.60	6,781.62	-3.54	-7.17	-3.54	0.03	0.00	2.02
6,871.00	0.70	220.40	6,870.61	-4.11	-8.13	-4.11	0.52	-0.11	-39.55
6,961.00	0.90	230.00	6,960.60	-4.98	-9.03	-4.98	0.27	0.22	10.67
7,050.00	0.70	220.50	7,049.59	-5.84	-9.92	-5.84	0.27	-0.22	-10.67
7,139.00	1.00	237.70	7,138.58	-6.67	-10.92	-6.67	0.44	0.34	19.33
7,229.00	0.90	234.00	7,228.57	-7.51	-12.16	-7.51	0.13	-0.11	-4.11
7,318.00	1.00	249.40	7,317.56	-8.19	-13.45	-8.19	0.31	0.11	17.30
7,407.00	0.90	241.60	7,406.55	-8.80	-14.79	-8.80	0.18	-0.11	-8.76
7,497.00	1.00	225.80	7,496.53	-9.68	-15.98	-9.68	0.31	0.11	-17.56
7,586.00	0.90	255.90	7,585.52	-10.39	-17.21	-10.39	0.56	-0.11	33.82
7,675.00	0.90	257.70	7,674.51	-10.71	-18.58	-10.71	0.03	0.00	2.02
7,766.00	0.80	238.20	7,765.50	-11.20	-19.81	-11.20	0.33	-0.11	-21.43
7,856.00	0.90	242.30	7,855.49	-11.86	-20.97	-11.86	0.13	0.11	4.56
7,945.00	0.90	238.50	7,944.48	-12.55	-22.19	-12.55	0.07	0.00	-4.27
8,034.00	0.30	198.30	8,033.48	-13.13	-22.86	-13.13	0.78	-0.67	-45.17
8,124.00	0.60	108.90	8,123.47	-13.51	-22.49	-13.51	0.74	0.33	-99.33
8,213.00	0.60	111.20	8,212.47	-13.83	-21.61	-13.83	0.03	0.00	2.58
8,302.00	0.70	115.40	8,301.46	-14.23	-20.68	-14.23	0.12	0.11	4.72
8,392.00	0.70	126.40	8,391.46	-14.79	-19.75	-14.79	0.15	0.00	12.22
8,481.00	0.60	132.80	8,480.45	-15.43	-18.97	-15.43	0.14	-0.11	7.19
8,570.00	0.60	135.50	8,569.45	-16.08	-18.30	-16.08	0.03	0.00	3.03
8,659.00	0.40	135.30	8,658.44	-16.64	-17.75	-16.64	0.22	-0.22	-0.22
8,749.00	0.40	153.20	8,748.44	-17.14	-17.39	-17.14	0.14	0.00	19.89
8,838.00	0.30	169.20	8,837.44	-17.65	-17.21	-17.65	0.16	-0.11	17.98
8,927.00	0.10	215.20	8,926.44	-17.94	-17.21	-17.94	0.27	-0.22	51.69
9,017.00	0.30	232.50	9,016.44	-18.15	-17.44	-18.15	0.23	0.22	19.22



Survey Report

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Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,106.00	0.20	223.30	9,105.44	-18.40	-17.73	-18.40	0.12	-0.11	-10.34
9,195.00	0.50	254.20	9,194.43	-18.62	-18.21	-18.62	0.39	0.34	34.72
9,284.00	0.70	285.70	9,283.43	-18.58	-19.11	-18.58	0.43	0.22	35.39
9,373.00	0.70	328.60	9,372.42	-17.97	-19.91	-17.97	0.58	0.00	48.20
9,462.00	1.10	358.30	9,461.41	-16.65	-20.22	-16.65	0.68	0.45	33.37
9,551.00	1.40	354.60	9,550.39	-14.71	-20.35	-14.71	0.35	0.34	-4.16
9,641.00	1.50	349.50	9,640.36	-12.46	-20.67	-12.46	0.18	0.11	-5.67
9,730.00	1.50	354.40	9,729.33	-10.15	-20.99	-10.15	0.14	0.00	5.51
9,820.00	1.60	14.90	9,819.30	-7.77	-20.79	-7.77	0.62	0.11	22.78
9,909.00	1.50	23.60	9,908.27	-5.50	-20.00	-5.50	0.29	-0.11	9.78
9,999.00	1.10	21.80	9,998.24	-3.62	-19.21	-3.62	0.45	-0.44	-2.00
10,088.00	0.70	23.50	10,087.23	-2.33	-18.67	-2.33	0.45	-0.45	1.91
10,177.00	0.60	28.20	10,176.23	-1.42	-18.24	-1.42	0.13	-0.11	5.28
10,266.00	0.60	44.10	10,265.22	-0.67	-17.69	-0.67	0.19	0.00	17.87
10,356.00	0.60	68.70	10,355.22	-0.16	-16.93	-0.16	0.28	0.00	27.33
10,445.00	0.40	88.90	10,444.21	0.01	-16.18	0.01	0.30	-0.22	22.70
10,534.00	0.60	213.10	10,533.21	-0.37	-16.12	-0.37	1.00	0.22	139.55
10,624.00	1.20	224.70	10,623.20	-1.44	-17.04	-1.44	0.69	0.67	12.89
10,713.00	1.30	215.80	10,712.18	-2.92	-18.29	-2.92	0.25	0.11	-10.00
10,802.00	1.70	220.90	10,801.15	-4.73	-19.75	-4.73	0.47	0.45	5.73
10,891.00	1.80	225.70	10,890.11	-6.71	-21.61	-6.71	0.20	0.11	5.39
10,981.00	1.90	229.60	10,980.06	-8.66	-23.76	-8.66	0.18	0.11	4.33
11,070.00	2.20	234.90	11,069.00	-10.60	-26.28	-10.60	0.40	0.34	5.96
11,159.00	2.20	241.00	11,157.94	-12.41	-29.17	-12.41	0.26	0.00	6.85
11,249.00	1.80	246.50	11,247.88	-13.81	-31.98	-13.81	0.49	-0.44	6.11
11,338.00	1.70	240.80	11,336.84	-15.01	-34.41	-15.01	0.23	-0.11	-6.40
11,428.00	1.60	248.20	11,426.81	-16.13	-36.74	-16.13	0.26	-0.11	8.22
11,517.00	1.50	250.20	11,515.77	-16.99	-38.99	-16.99	0.13	-0.11	2.25
11,606.00	1.40	248.70	11,604.74	-17.78	-41.10	-17.78	0.12	-0.11	-1.69
11,695.00	1.40	246.60	11,693.72	-18.60	-43.11	-18.60	0.06	0.00	-2.36
11,784.00	1.20	239.10	11,782.69	-19.51	-44.91	-19.51	0.29	-0.22	-8.43
11,873.00	1.30	238.60	11,871.67	-20.52	-46.57	-20.52	0.11	0.11	-0.56
11,963.00	1.20	231.90	11,961.65	-21.63	-48.19	-21.63	0.20	-0.11	-7.44
12,051.00	1.30	230.40	12,049.63	-22.84	-49.68	-22.84	0.12	0.11	-1.70
12,134.00	1.30	233.40	12,132.61	-24.00	-51.16	-24.00	0.08	0.00	3.61
12,210.00	1.40	238.30	12,208.59	-25.00	-52.64	-25.00	0.20	0.13	6.45
12,300.00	1.20	239.40	12,298.57	-26.06	-54.39	-26.06	0.22	-0.22	1.22
12,389.00	1.00	247.00	12,387.55	-26.84	-55.91	-26.84	0.28	-0.22	8.54
12,478.00	0.80	258.90	12,476.54	-27.26	-57.23	-27.26	0.31	-0.22	13.37
12,567.00	0.70	277.00	12,565.53	-27.31	-58.38	-27.31	0.29	-0.11	20.34
12,656.00	0.40	312.30	12,654.53	-27.04	-59.15	-27.04	0.49	-0.34	39.66
12,746.00	0.50	319.10	12,744.52	-26.53	-59.64	-26.53	0.13	0.11	7.56
12,835.00	0.60	316.40	12,833.52	-25.90	-60.22	-25.90	0.12	0.11	-3.03



Survey Report

Company:	Chevron	Local Co-ordinate Reference:	Well SWD 13-1
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	WELL @ 3199.00usft (Ensign 769)
Site:	Salado Draw	MD Reference:	WELL @ 3199.00usft (Ensign 769)
Well:	SWD 13-1	North Reference:	Grid
Wellbore:	Wellbore #1/Job#1513029	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Ensign 769)	Database:	Compass 5000 GCR

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,924.00	0.60	312.40	12,922.51	-25.25	-60.88	-25.25	0.05	0.00	-4.49
13,013.00	0.60	313.50	13,011.51	-24.61	-61.56	-24.61	0.01	0.00	1.24
13,102.00	0.60	290.00	13,100.51	-24.13	-62.34	-24.13	0.27	0.00	-26.40
13,192.00	0.70	267.50	13,190.50	-23.99	-63.33	-23.99	0.30	0.11	-25.00
13,281.00	0.70	260.00	13,279.49	-24.11	-64.41	-24.11	0.10	0.00	-8.43
13,370.00	0.70	264.50	13,368.49	-24.26	-65.49	-24.26	0.06	0.00	5.06
13,461.00	0.50	282.70	13,459.48	-24.22	-66.43	-24.22	0.30	-0.22	20.00
13,550.00	0.60	279.80	13,548.48	-24.06	-67.27	-24.06	0.12	0.11	-3.26
13,640.00	0.40	295.10	13,638.47	-23.85	-68.01	-23.85	0.27	-0.22	17.00
13,740.00	0.30	265.40	13,738.47	-23.72	-68.59	-23.72	0.20	-0.10	-29.70
13,829.00	0.30	282.60	13,827.47	-23.69	-69.05	-23.69	0.10	0.00	19.33
13,918.00	0.40	251.70	13,916.47	-23.73	-69.57	-23.73	0.24	0.11	-34.72
14,008.00	0.70	276.30	14,006.47	-23.77	-70.42	-23.77	0.42	0.33	27.33
14,097.00	0.70	270.90	14,095.46	-23.70	-71.50	-23.70	0.07	0.00	-6.07
14,186.00	0.80	296.50	14,184.45	-23.42	-72.60	-23.42	0.39	0.11	28.76
14,275.00	0.90	296.70	14,273.44	-22.83	-73.78	-22.83	0.11	0.11	0.22
14,365.00	0.70	290.00	14,363.43	-22.32	-74.93	-22.32	0.24	-0.22	-7.44
14,454.00	0.80	309.90	14,452.43	-21.74	-75.92	-21.74	0.31	0.11	22.36
14,543.00	1.00	309.00	14,541.41	-20.85	-77.00	-20.85	0.23	0.22	-1.01
14,620.00	1.10	309.10	14,618.40	-19.96	-78.09	-19.96	0.13	0.13	0.13
14,680.00	1.10	309.10	14,678.39	-19.23	-78.99	-19.23	0.00	0.00	0.00
Projection to Bit									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
729.00	728.98	-2.79	4.24	Tie-in to Teledrift Surveys
791.00	790.97	-2.78	5.05	First Phoenix Survey
14,680.00	14,678.39	-19.23	-78.99	Projection to Bit

Checked By: _____ Approved By: _____ Date: _____

HOBBSOCD

DEC 29 2014

District I
1625 N. Proach Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Artesia, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3452

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42354	² Pool Code 97869	³ Pool Name SWD; Devonian-Silurian
⁴ Property Code 314003	⁵ Property Name SALADO DRAW SWD 13	⁶ Well Number 1
⁷ GRID No. 4323	⁸ Operator Name CHEVRON U.S.A. INC.	⁹ Elevation 3171'

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
M	13	26 SOUTH	32 EAST, N.M.P.M.		290'	SOUTH	10'	WEST	LBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	13	26 SOUTH	32 EAST, N.M.P.M.		290'	SOUTH	10'	WEST	LBA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. SWD-1488
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or leased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Cindy Herrera-Murillo</u> Date: <u>7-8-14</u> Printed Name: <u>Cindy Herrera-Murillo</u> E-mail Address: <u>Cherrera.murillo@chevron.com</u>
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: <u>Nov 22 2013</u> Signature: <u>[Signature]</u> Registered Professional Surveyor Certificate Number: <u>15078</u>

DEC 29 2014