



PHOENIX
TECHNOLOGY SERVICES

September 25, 2014

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

HOBBS OCD

SEP 29 2014

Dear District 1 - Hobbs

RECEIVED

Re: Chevron North America Exploration
Red Hills 2-25-33 #3H
Lea County, NM
API #30-025-41907
Job No. 1411175

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	
Zak Dawson	3H	1,183	14,053	07/23/14	08/04/14	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,

Dana Robinson

Dana Robinson
Operations Administrator

Certified mail receipt number: 7011 1570 0001 4365 2414

12329 Cutten Rd. Houston, TX 77066 • Phone (713) 337-0600 • Fax (713) 337-0599
www.phxtech.com

'AUG 20 2015

**PHOENIX TECHNOLOGY SERVICES
SURVEY DATA CERTIFICATION**



PHOENIX JOB NUMBER 1411175

OPERATOR Chevron

SEP 29 2014

WELL NAME Red Hills 2-25-33 #3H

COUNTY & STATE

Lea County, NM

RECEIVED

API WELL NUMBER	30-025-41907
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PROPOSED DIRECTION	359.7
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TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
1,183 ft	1,182.9 ft	1.2	3.3	7.10N	2.53E	Tele Drift Surveys

FIRST SURVEY DATE	FIRST SURVEY DEPTH		
		INCLIN	AZIMUTH
23-Jul-14	1,245 ft	1.1	351.3

SURVEY INSTRUMENT TYPE
APS / QDT

LAST SURVEY DATE	LAST SURVEY DEPTH		
		INCLIN	AZIMUTH
4-Aug-14	14,053 ft	93.04	0.69

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

PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH		
		INCLIN	AZIMUTH
4-Aug-14	14,105 ft	93.04	0.69

Zak Dawson

PRINT YOUR NAME ABOVE

Zak Dawson

SIGN YOUR NAME ABOVE

8/4/2014

TODAY'S DATE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	6.77
DECLINATION OR GRID	GRID

MWD SUPERVISOR 1 Zak Dawson

DIRECTIONAL DRILLER 1

Keith Scheppler

MWD SUPERVISOR 2 Edward Lagarce

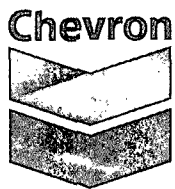
DIRECTIONAL DRILLER 2

Craig Cannon

1805 Brittmore Road

Houston, Texas 77043

(713)3370609 (Voice), (713)337-0599 (Fax)



Chevron

Lea County NM (NAD27 NME)

Red Hills 2-25-33

#3H

WB1/Job #1411175

Survey: Phoenix MWD Survey

Standard Survey Report

05 August, 2014

HOBBS OCD

SEP 29 2014

RECEIVED



PHOENIX
TECHNOLOGY SERVICES



Phoenix Technology Services

Survey Report



Company:	Chevron	Local Co-ordinate Reference:	Well #3H
Project:	Lea County NM (NAD27 NME)	TVD Reference:	KB @ 3451.50usft (Ensign 153)
Site:	Red Hills 2-25-33	MD Reference:	KB @ 3451.50usft (Ensign 153)
Well:	#3H	North Reference:	Grid
Wellbore:	WB1/Job #1411175	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Ensign 153)	Database:	GCR DB

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	Red Hills 2-25-33		
Site Position:		Northing:	420,335.00 usft
From:	Map	Easting:	746,997.30 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 9' 11.16332 N
		Longitude:	103° 32' 6.85133 W
		Grid Convergence:	0.42 °

Well	#3H		
Well Position	+N/-S	0.00 usft	Northing: 420,207.00 usft
	+E/-W	0.00 usft	Easting: 745,077.00 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32° 9' 10.03701 N
		Longitude:	103° 32' 29.19797 W
		Ground Level:	3,427.00 usft

Wellbore	WB1/Job #1411175				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010_14	07/01/14	7.19	60.05	48,272

Design	Surveys (Ensign 153)				
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	359.70	

Survey Program	Date	08/05/14			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
139.00	1,183.00	Tele Drift Surveys (WB1/Job #1411175)	NS-GYRO-MS	North sensing gyrocompassing m/s	
1,245.00	14,105.00	Phoenix MWD Survey (WB1/Job #1411175)	PHX+MWD+IGRF	PHX+MWD+IGRF 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)	
1,183.00	1.20	3.30	1,182.90	7.10	2.53	7.09	0.00	0.00	0.00	
Tie-on to Teledrift Survey										
1,245.00	1.10	351.30	1,244.88	8.34	2.48	8.33	0.42	-0.16	-19.35	
First Phoenix MWD Survey										
1,467.00	0.81	358.50	1,466.85	12.02	2.12	12.00	0.14	-0.13	3.24	
1,646.00	0.67	13.22	1,645.84	14.30	2.32	14.29	0.13	-0.08	8.22	
1,825.00	0.79	11.22	1,824.82	16.53	2.80	16.51	0.07	0.07	-1.12	
2,004.00	1.04	8.73	2,003.80	19.35	3.29	19.33	0.14	0.14	-1.39	
2,183.00	1.13	2.74	2,182.77	22.71	3.62	22.69	0.08	0.05	-3.35	



Phoenix Technology Services

Survey Report



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Site:	Red Hills 2-25-33	MD Reference:	KB @ 3451.50usft (Ensign 153)
Well:	#3H	North Reference:	Grid
Wellbore:	WB1/Job #1411175	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Ensign 153)	Database:	GCR DB

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)
2,362.00	1.61	356.51	2,361.72	26.99	3.55	26.97	0.28	0.27	-3.48
2,542.00	1.09	0.77	2,541.67	31.22	3.42	31.20	0.29	-0.29	2.37
2,720.00	1.66	12.44	2,719.61	35.43	4.00	35.41	0.36	0.32	6.56
2,899.00	1.73	22.67	2,898.54	40.46	5.60	40.43	0.17	0.04	5.72
3,078.00	1.48	32.05	3,077.47	44.91	7.87	44.87	0.20	-0.14	5.24
3,257.00	1.32	44.49	3,256.41	48.34	10.54	48.28	0.19	-0.09	6.95
3,436.00	1.82	55.43	3,435.35	51.42	14.32	51.35	0.32	0.28	6.11
3,615.00	1.22	88.01	3,614.29	53.10	18.57	53.01	0.57	-0.34	18.20
3,794.00	1.28	78.74	3,793.24	53.56	22.43	53.44	0.12	0.03	-5.18
3,973.00	1.31	88.71	3,972.20	54.00	26.44	53.86	0.13	0.02	5.57
4,152.00	1.42	79.20	4,151.15	54.46	30.66	54.30	0.14	0.06	-5.31
4,330.00	1.25	96.99	4,329.10	54.64	34.76	54.45	0.25	-0.10	9.99
4,509.00	2.72	103.53	4,507.99	53.40	40.83	53.19	0.83	0.82	3.65
4,688.00	2.12	106.67	4,686.83	51.46	48.13	51.21	0.34	-0.34	1.75
4,867.00	2.41	128.07	4,865.69	48.19	54.26	47.91	0.50	0.16	11.96
5,008.00	1.81	120.20	5,006.59	45.24	58.52	44.93	0.47	-0.43	-5.58
5,234.00	1.35	116.59	5,232.51	42.25	63.98	41.92	0.21	-0.20	-1.60
5,413.00	1.97	144.07	5,411.43	38.82	67.68	38.46	0.55	0.35	15.35
5,592.00	2.80	200.65	5,590.30	32.24	67.94	31.88	1.33	0.46	31.61
5,770.00	2.98	208.01	5,768.07	24.08	64.23	23.75	0.23	0.10	4.13
5,949.00	2.36	232.91	5,946.89	17.75	59.11	17.44	0.73	-0.35	13.91
6,128.00	2.40	232.75	6,125.73	13.26	53.19	12.98	0.02	0.02	-0.09
6,308.00	2.22	227.71	6,305.58	8.63	47.61	8.38	0.15	-0.10	-2.80
6,487.00	2.47	228.37	6,484.43	3.74	42.16	3.52	0.14	0.14	0.37
6,666.00	1.99	272.92	6,663.31	1.33	36.17	1.15	0.98	-0.27	24.89
6,845.00	0.06	81.66	6,842.28	1.51	33.16	1.33	1.14	-1.08	94.27
7,024.00	0.34	297.27	7,021.28	1.76	32.78	1.59	0.22	0.16	-80.66
7,203.00	0.42	277.16	7,200.27	2.09	31.66	1.92	0.09	0.04	-11.23
7,382.00	0.36	247.13	7,379.27	1.95	30.49	1.79	0.12	-0.03	-16.78
7,561.00	0.18	166.04	7,558.27	1.46	30.04	1.30	0.21	-0.10	-45.30
7,739.00	0.34	128.36	7,736.26	0.86	30.52	0.70	0.13	0.09	-21.17
7,918.00	0.51	143.09	7,915.26	-0.11	31.41	-0.27	0.11	0.09	8.23
8,097.00	0.62	125.35	8,094.25	-1.30	32.68	-1.47	0.11	0.06	-9.91
8,276.00	0.77	127.71	8,273.24	-2.60	34.42	-2.78	0.09	0.08	1.32
8,455.00	0.58	157.85	8,452.23	-4.17	35.72	-4.36	0.22	-0.11	16.84
8,634.00	0.86	171.12	8,631.21	-6.34	36.27	-6.53	0.18	0.16	7.41
8,812.00	0.98	161.10	8,809.19	-9.10	36.97	-9.29	0.11	0.07	-5.63
8,945.00	0.88	167.04	8,942.17	-11.17	37.56	-11.37	0.10	-0.08	4.47
8,991.00	0.48	172.71	8,988.17	-11.71	37.67	-11.90	0.88	-0.87	12.33
9,036.00	3.05	349.88	9,033.15	-10.71	37.48	-10.91	7.84	5.71	393.71
9,081.00	7.51	354.31	9,077.95	-6.61	36.98	-6.80	9.95	9.91	9.84
9,126.00	12.32	357.34	9,122.26	1.12	36.46	0.93	10.75	10.69	6.73
9,170.00	17.12	356.43	9,164.81	12.28	35.84	12.09	10.92	10.91	-2.07



Phoenix Technology Services

Survey Report



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Site:	Red Hills 2-25-33	MD Reference:	KB @ 3451.50usft (Ensign 153)
Well:	#3H	North Reference:	Grid
Wellbore:	WB1/Job #1411175	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Ensign 153)	Database:	GCR DB

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)
9,215.00	22.34	355.11	9,207.15	27.42	34.70	27.24	11.64	11.60	-2.93
9,260.00	27.20	353.99	9,248.00	46.18	32.89	46.01	10.85	10.80	-2.49
9,304.00	32.01	354.33	9,286.24	67.80	30.69	67.64	10.94	10.93	0.77
9,349.00	36.25	354.52	9,323.48	92.92	28.24	92.77	9.43	9.42	0.42
9,394.00	41.08	355.13	9,358.61	120.91	25.71	120.78	10.77	10.73	1.36
9,439.00	46.05	356.81	9,391.21	151.84	23.55	151.71	11.34	11.04	3.73
9,484.00	52.37	357.13	9,420.59	185.85	21.76	185.73	14.05	14.04	0.71
9,528.00	57.11	357.28	9,445.98	221.72	20.01	221.61	10.78	10.77	0.34
9,573.00	62.35	356.36	9,468.66	260.51	17.84	260.41	11.78	11.64	-2.04
9,618.00	67.79	355.37	9,487.62	301.19	14.89	301.11	12.25	12.09	-2.20
9,662.00	74.62	355.17	9,501.79	342.68	11.46	342.62	15.53	15.52	-0.45
9,707.00	80.73	356.67	9,511.39	386.51	8.34	386.46	13.96	13.58	3.33
9,796.00	91.26	359.47	9,517.60	475.11	5.37	475.08	12.24	11.83	3.15
9,886.00	92.82	359.77	9,514.39	565.05	4.77	565.02	1.77	1.73	0.33
9,975.00	93.30	359.92	9,509.64	653.92	4.53	653.89	0.56	0.54	0.17
10,065.00	94.19	0.05	9,503.77	743.73	4.51	743.69	1.00	0.99	0.14
10,155.00	94.58	0.12	9,496.88	833.46	4.64	833.43	0.44	0.43	0.08
10,244.00	93.41	0.86	9,490.68	922.24	5.40	922.20	1.55	-1.31	0.83
10,334.00	89.83	0.80	9,488.14	1,012.18	6.70	1,012.13	3.98	-3.98	-0.07
10,423.00	90.50	0.07	9,487.88	1,101.18	7.38	1,101.13	1.11	0.75	-0.82
10,513.00	92.15	359.99	9,485.80	1,191.15	7.43	1,191.10	1.84	1.83	-0.09
10,602.00	91.20	359.27	9,483.20	1,280.11	6.85	1,280.06	1.34	-1.07	-0.81
10,692.00	90.53	358.62	9,481.84	1,370.08	5.19	1,370.04	1.04	-0.74	-0.72
10,781.00	89.72	357.41	9,481.65	1,459.03	2.11	1,459.00	1.64	-0.91	-1.36
10,871.00	90.03	358.86	9,481.84	1,548.98	-0.82	1,548.96	1.65	0.34	1.61
10,961.00	90.06	0.65	9,481.77	1,638.97	-1.20	1,638.96	1.99	0.03	1.99
11,050.00	90.06	0.53	9,481.68	1,727.97	-0.29	1,727.95	0.13	0.00	-0.13
11,139.00	90.17	0.38	9,481.50	1,816.96	0.42	1,816.94	0.21	0.12	-0.17
11,229.00	90.75	0.17	9,480.78	1,906.96	0.85	1,906.93	0.69	0.64	-0.23
11,319.00	91.23	1.08	9,479.22	1,996.94	1.83	1,996.90	1.14	0.53	1.01
11,408.00	91.45	1.29	9,477.14	2,085.90	3.67	2,085.85	0.34	0.25	0.24
11,497.00	91.99	1.04	9,474.47	2,174.84	5.48	2,174.78	0.67	0.61	-0.28
11,587.00	90.95	1.51	9,472.16	2,264.78	7.49	2,264.71	1.27	-1.16	0.52
11,677.00	90.14	1.07	9,471.31	2,354.76	9.51	2,354.67	1.02	-0.90	-0.49
11,766.00	90.17	0.94	9,471.07	2,443.74	11.07	2,443.65	0.15	0.03	-0.15
11,856.00	90.39	0.60	9,470.63	2,533.73	12.28	2,533.63	0.45	0.24	-0.38
11,945.00	88.66	0.99	9,471.36	2,622.72	13.52	2,622.61	1.99	-1.94	0.44
12,035.00	88.10	0.66	9,473.91	2,712.67	14.81	2,712.56	0.72	-0.62	-0.37
12,124.00	87.82	0.06	9,477.08	2,801.61	15.37	2,801.50	0.74	-0.31	-0.67
12,214.00	87.63	359.98	9,480.65	2,891.54	15.40	2,891.42	0.23	-0.21	-0.09
12,303.00	87.54	358.70	9,484.40	2,980.46	14.38	2,980.34	1.44	-0.10	-1.44
12,392.00	88.02	358.01	9,487.85	3,069.35	11.82	3,069.25	0.94	0.54	-0.78
12,482.00	88.77	357.54	9,490.37	3,159.25	8.33	3,159.16	0.98	0.83	-0.52
12,571.00	90.17	358.98	9,491.19	3,248.20	5.63	3,248.12	2.26	1.57	1.62



Phoenix Technology Services

Survey Report



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Well:	#3H	North Reference:	Grid
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Design:	Surveys (Ensign 153)	Database:	GCR DB

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)
12,661.00	90.31	358.39	9,490.81	3,338.17	3.56	3,338.11	0.67	0.16	-0.66
12,751.00	90.78	357.31	9,489.96	3,428.10	0.19	3,428.06	1.31	0.52	-1.20
12,840.00	91.79	0.07	9,487.96	3,517.05	-1.85	3,517.01	3.30	1.13	3.10
12,929.00	93.22	0.80	9,484.07	3,605.96	-1.17	3,605.92	1.80	1.61	0.82
13,019.00	91.37	0.82	9,480.47	3,695.87	0.10	3,695.82	2.06	-2.06	0.02
13,108.00	90.47	1.19	9,479.04	3,784.85	1.66	3,784.79	1.09	-1.01	0.42
13,197.00	92.21	2.43	9,476.96	3,873.77	4.47	3,873.70	2.40	1.96	1.39
13,287.00	91.51	1.99	9,474.04	3,963.66	7.94	3,963.56	0.92	-0.78	-0.49
13,376.00	90.73	0.97	9,472.30	4,052.61	10.24	4,052.50	1.44	-0.88	-1.15
13,466.00	91.78	0.42	9,470.33	4,142.58	11.33	4,142.46	1.32	1.17	-0.61
13,555.00	92.37	359.52	9,467.10	4,231.52	11.28	4,231.40	1.21	0.66	-1.01
13,645.00	94.03	359.20	9,462.08	4,321.37	10.28	4,321.26	1.88	1.84	-0.36
13,734.00	93.80	359.16	9,456.00	4,410.15	9.01	4,410.05	0.26	-0.26	-0.04
13,823.00	94.05	359.58	9,449.91	4,498.94	8.03	4,498.84	0.55	0.28	0.47
13,913.00	91.54	0.14	9,445.52	4,588.83	7.81	4,588.72	2.86	-2.79	0.62
14,002.00	92.65	0.34	9,442.27	4,677.76	8.19	4,677.66	1.27	1.25	0.22
14,053.00	93.04	0.69	9,439.74	4,728.70	8.64	4,728.59	1.03	0.76	0.69
Last Phoenix MWD Survey									
14,105.00	93.04	0.69	9,436.98	4,780.62	9.27	4,780.51	0.00	0.00	0.00
Projection to TD									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,183.00	1,182.90	7.10	2.53	Tie-on to Teledrift Survey
1,245.00	1,244.88	8.34	2.48	First Phoenix MWD Survey
14,053.00	9,439.74	4,728.70	8.64	Last Phoenix MWD Survey
14,105.00	9,436.98	4,780.62	9.27	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

HOBBS C
SEP 29 2014

RECEIVED
SEP 29 2014

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Road, Aztec, NM 87410
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name RED HILLS 2 25 33			⁶ Well Number 3H
⁷ OGRID No.		⁸ Operator Name CHEVRON U.S.A. INC.			⁹ Elevation 3427'

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
O	2	25 SOUTH	33 EAST, N.M.P.M.		215'	SOUTH	2260'	EAST	LEA

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
B	2	25 SOUTH	33 EAST, N.M.P.M.		280'	NORTH	2260'	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 PROPOSED BOTTOMHOLE LOCATION X= 745,052 NAD 27 Y= 424,988 LAT. 32.165930 LONG. 103.541411 X= 786,237 NAD83 Y= 425,046 LAT. 32.166055 LONG. 103.541884 CORNER COORDINATES TABLE (NAD 27) A - Y=425265.59, X=744669.35 B - Y=425274.03, X=745989.99 C - Y=421308.29, X=744692.66 D - Y=421316.49, X=746011.90 E - Y=419989.19, X=744700.43 F - Y=419997.31, X=746019.20 RED HILLS 2 25 33H WELL X= 745,077 NAD 27 Y= 420,207 LAT. 32.152787 LONG. 103.541444 X= 786,262 NAD83 Y= 420,265 LAT. 32.152911 LONG. 103.541917 ELEVATION +3427' NAVD 88				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 undivided 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 in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name _____ E-mail Address _____
		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. 6.10.14 Date of Survey Signature and Seal of Professional Surveyor Certificate Number 15078		