

30-025-42796



Chevron

Lea County, NM (NAD27 NME)
SD EA 18 Fed
P6 6H

OH / Job 1610089

Survey: Phoenix MWD Surveys

Standard Survey Report

28 March, 2016

Provide signature page for survey





Phoenix Technology Services
Survey Report



Company: Chevron
Project: Lea County, NM (NAD27 NME)
Site: SD EA 18 Fed
Well: P6 6H
Wellbore: OH / Job 1610089
Design: Surveys (Pace X30)

Local Co-ordinate Reference: Well P6 6H
TVD Reference: RKB @ 3231.00usft (Pace X30)
MD Reference: RKB @ 3231.00usft (Pace X30)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
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)
8,840.00	21.00	1.10	8,834.90	146.32	78.53	147.31	15.61	15.23	11.59
8,884.00	26.90	7.30	8,875.10	164.09	79.95	165.10	14.56	13.41	14.09
8,928.00	33.80	7.70	8,913.04	186.12	82.86	187.16	15.69	15.68	0.91
8,973.00	41.30	7.40	8,948.69	213.29	86.45	214.37	16.67	16.67	-0.67
9,017.00	46.50	6.20	8,980.39	243.58	90.05	244.70	11.97	11.82	-2.73
9,061.00	49.20	4.90	9,009.91	276.04	93.19	277.20	6.52	6.14	-2.95
9,106.00	52.00	0.70	9,038.48	310.76	94.86	311.94	9.52	6.22	-9.33
9,151.00	55.00	0.20	9,065.25	346.92	95.15	348.11	6.73	6.67	-1.11
9,195.00	57.90	358.60	9,089.56	383.59	94.75	384.76	7.25	6.59	-3.64
9,239.00	60.90	355.80	9,111.96	421.40	92.89	422.55	8.74	6.82	-6.36
9,284.00	64.60	354.80	9,132.56	461.27	89.61	462.37	8.46	8.22	-2.22
9,328.00	69.40	355.90	9,149.75	501.62	86.33	502.68	11.15	10.91	2.50
9,373.00	75.50	357.50	9,163.31	544.44	83.87	545.46	13.97	13.56	3.56
9,417.00	81.10	358.90	9,172.23	587.48	82.52	588.48	13.10	12.73	3.18
Final Phoenix MWD Survey									
9,468.00	87.30	0.00	9,177.38	638.19	82.04	639.18	12.34	12.16	2.16
Projection to TD									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
188.00	188.00	0.16	-0.01	First Phoenix Survey
9,417.00	9,172.23	587.48	82.52	Final Phoenix MWD Survey
9,468.00	9,177.38	638.19	82.04	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

Phoenix Technology Services SURVEY DATA CERTIFICATION



PHOENIX JOB NUMBER 1610089

OPERATOR Chevron

WELL NAME SD EA 18 Fed P6 6H

COUNTY & STATE

Lea County, NM

API WELL NUMBER 30-025-42796

PROPOSED DIRECTION 0.73

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
.00 ft	.00 ft	0.0°	0.0°	0.00 N	0.00 E	Surface

FIRST	FIRST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
29-Jan-16	188 ft	0.1°	354.8°

SURVEY INSTRUMENT
TYPE
Phoenix MWD

LAST	LAST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
26-Mar-16	9,417 ft	81.10°	358.90°

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

PROJECTED	PROJECTED		
TD SURVEY	TD SURVEY		
	DEPTH	INCLIN	AZIMUTH
26-Mar-16	9,468 ft	87.3°	0°

Robert Brewer

PRINT YOUR NAME ABOVE

Robert Brewer

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	6.60°
DECLINATION OR GRID	GRID

03/26/16

TODAY'S DATE

MWD SUPERVISOR 1

Robert Brewer

DIRECTIONAL DRILLER 1

Casey Tubbe

MWD SUPERVISOR 2

Lance Mosby

DIRECTIONAL DRILLER 2

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