

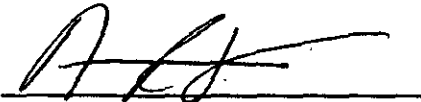
Apache Corporation
303 Veterans Airpark Lane, #3000
Midland, TX 79705

NFE Federal #034H
Eddy County, New Mexico

API #30-015-42654

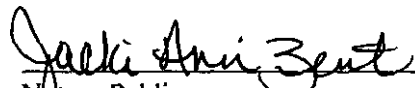
Sec. 6, 175, 31E 945 FSL + 155 FES

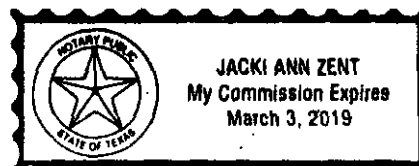
259	2.59	0.50	0.88	2.27	2.27
418	1.59	0.75	1.31	2.09	4.35
645	2.27	1.60	2.80	6.36	10.71
901	2.56	0.90	1.58	4.03	14.74
1200	2.99	0.70	1.23	3.66	18.40
1411	2.11	0.60	1.05	2.22	20.62
1583	1.72	0.60	1.05	1.81	22.43
1753	1.70	0.20	0.35	0.60	23.02
1925	1.72	0.20	0.35	0.60	23.62
2179	2.54	0.20	0.35	0.89	24.51
2477	2.98	0.30	0.53	1.56	26.08
2690	2.13	0.10	0.18	0.37	26.45
2815	1.25	0.10	0.18	0.22	26.67
3032	2.17	0.10	0.18	0.38	27.05
3202	1.70	0.20	0.35	0.60	27.64
3469	2.67	0.10	0.18	0.47	28.11
3533	0.64	0.10	0.18	0.11	28.22
3746	2.13	0.10	0.18	0.37	28.59
3959	2.13	0.10	0.18	0.37	28.97
4172	2.13	0.00	0.00	0.00	28.97
4385	2.13	0.30	0.53	1.12	30.09



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 13th day of April, 2015 by
Archie Brown - General Manager, CapStar Drilling, Inc.


Notary Public





Apache Corporation

Eddy County, NM (NAD27 NME)

NFE Federal

#34H

WB1 / Job #1512835

Survey: Phoenix MWD Surveys

Standard Survey Report

08 April, 2015





Phoenix Technology Services Survey Report



Company:	Apache Corporation	Local Co-ordinate Reference:	Well #34H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3765.00usft (Capstar 119)
Site:	NFE Federal	MD Reference:	KB @ 3765.00usft (Capstar 119)
Well:	#34H	North Reference:	Grid
Wellbore:	WB1 / Job #1512835	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Capstar 119)	Database:	Compass 5000 GCR

Project	Eddy County, NM (NAD27 NME)		
Map System:	US State Plane 1027 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	NFE Federal		
Site Position:		Northing:	673,264.70 usft
From:	Map	Easting:	633,303.50 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 51' 0.49036 N
		Longitude:	103° 53' 57.34966 W
		Grid Convergence:	0.24 °

Well	#34H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 51' 31.51952 N
		Longitude:	103° 54' 1.80475 W
		Ground Level:	3,754.00 usft

Wellbore	WB1 / Job #1512835		
Magnetics	Model Name	Sample Date	Declination
	HDGM	3/23/2015	7.88
		Dip Angle	60.80
		Field Strength	48,587

Design	Surveys (Capstar 119)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
		Direction	(°)
			89.59

Survey Program	Date: 4/8/2015		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
118.00	4,314.00	Phoenix Gyro Surveys (WB1 / Job #15128	NS-GYRO-MS
4,413.00	9,812.00	Phoenix MWD Surveys (WB1 / Job #1512	PHX+MWD+HDGM
			North sensing gyrocompassing m/s
			PHX+MWD+HDGM

Survey										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate	
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/100usft)	
4,314.00	0.11	287.59	4,313.58	11.74	19.53	19.81	0.00	0.00	0.00	
Tie-on to Phoenix Gyro Survey										
4,413.00	0.30	238.30	4,412.58	11.60	19.21	19.30	0.21	0.19	-29.59	
First Phoenix MWD Survey										
4,456.00	2.50	91.60	4,455.57	11.52	20.06	20.14	6.41	5.12	-341.16	
4,498.00	7.60	98.50	4,497.39	11.18	23.73	23.81	12.18	12.14	11.67	
4,541.00	13.60	88.40	4,539.64	11.00	31.62	31.70	14.34	13.95	-18.84	
4,583.00	19.50	85.60	4,579.88	11.67	43.56	43.64	14.17	14.05	-8.67	
4,626.00	22.80	88.30	4,619.98	12.47	59.04	59.13	8.00	7.87	6.28	



Phoenix Technology Services

Survey Report



Company:	Apache Corporation	Local Co-ordinate Reference:	Well #34H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3765.00usft (Capstar 119)
Site:	NFE Federal	MD Reference:	KB @ 3765.00usft (Capstar 119)
Well:	#34H	North Reference:	Grid
Wellbore:	WB1 / Job #1512835	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Capstar 119)	Database:	Compass 5000 GCR

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)
4,669.00	25.70	88.00	4,659.18	13.05	76.69	76.78	6.75	6.74	-0.70
4,711.00	29.00	88.60	4,698.48	13.61	95.98	96.07	7.88	7.86	1.43
4,754.00	33.50	89.20	4,733.23	14.03	118.28	118.37	10.49	10.47	1.40
4,796.00	40.30	90.00	4,766.80	14.19	143.48	143.58	16.23	16.19	1.90
4,839.00	45.20	90.50	4,798.37	14.06	172.66	172.75	11.42	11.40	1.16
4,881.00	51.20	90.70	4,826.35	13.73	203.95	204.04	14.29	14.29	0.48
4,924.00	55.00	91.10	4,852.16	13.19	238.33	238.41	8.87	8.84	0.93
4,967.00	59.10	92.00	4,875.55	12.21	274.39	274.47	9.70	9.53	2.09
5,009.00	63.80	92.00	4,895.61	10.92	311.25	311.32	11.19	11.19	0.00
5,052.00	70.00	91.40	4,912.48	9.75	350.76	350.82	14.48	14.42	-1.40
5,095.00	74.20	91.90	4,925.69	8.57	391.66	391.71	9.83	9.77	1.16
5,137.00	79.30	90.10	4,935.31	7.86	432.52	432.56	12.84	12.14	-4.29
5,179.00	82.90	88.20	4,941.81	8.48	474.00	474.05	9.67	8.57	-4.52
5,222.00	86.20	86.70	4,945.89	10.39	516.75	516.81	8.42	7.67	-3.49
5,264.00	86.50	87.10	4,948.57	12.66	558.61	558.68	1.19	0.71	0.95
5,307.00	86.60	86.60	4,951.08	15.01	601.47	601.56	1.35	0.70	-1.16
5,434.00	86.90	87.80	4,958.06	21.21	728.12	728.26	0.95	0.08	0.94
5,562.00	87.70	89.60	4,964.09	24.11	855.94	856.09	1.54	0.63	1.41
5,690.00	88.90	90.80	4,967.89	23.66	983.88	984.02	1.33	0.94	0.94
5,817.00	89.00	90.90	4,970.21	21.78	1,110.84	1,110.97	0.11	0.08	0.08
5,945.00	90.40	91.00	4,970.88	19.66	1,238.82	1,238.93	1.10	1.09	0.08
6,073.00	91.20	91.10	4,969.10	17.31	1,366.79	1,366.87	0.63	0.63	0.08
6,201.00	90.50	90.80	4,967.20	15.19	1,494.75	1,494.82	0.59	-0.55	-0.23
6,328.00	89.60	89.90	4,967.09	14.41	1,621.75	1,621.81	1.00	-0.71	-0.71
6,456.00	89.70	90.10	4,967.87	14.41	1,749.75	1,749.80	0.17	0.08	0.16
6,584.00	89.30	90.00	4,968.99	14.30	1,877.74	1,877.79	0.32	-0.31	-0.08
6,711.00	88.60	88.30	4,971.31	16.18	2,004.70	2,004.76	1.45	-0.55	-1.34
6,839.00	88.60	87.60	4,974.44	20.76	2,132.58	2,132.67	0.55	0.00	-0.55
6,967.00	88.10	88.60	4,978.13	27.23	2,260.36	2,260.50	0.87	-0.39	-0.78
7,094.00	87.10	87.30	4,983.45	33.99	2,387.07	2,387.25	0.96	-0.79	0.55
7,222.00	86.90	89.30	4,990.15	37.78	2,514.83	2,515.03	1.57	-0.16	1.56
7,349.00	88.60	91.40	4,995.13	37.00	2,641.72	2,641.91	2.13	1.34	1.65
7,478.00	88.40	89.90	4,998.51	35.54	2,770.66	2,770.84	1.17	-0.16	-1.16
7,605.00	89.10	90.70	5,001.28	34.87	2,897.63	2,897.80	0.84	0.55	0.63
7,733.00	89.90	91.40	5,002.40	32.53	3,025.60	3,025.75	0.83	0.63	0.55
7,861.00	91.00	92.50	5,001.39	28.17	3,153.52	3,153.64	1.22	0.86	0.86
7,988.00	89.30	91.20	5,001.06	24.07	3,280.44	3,280.53	1.69	-1.34	-1.02
8,116.00	88.30	89.40	5,003.74	23.40	3,408.41	3,408.49	1.61	-0.78	-1.41
8,243.00	88.70	90.20	5,007.06	23.85	3,535.36	3,535.44	0.70	0.31	0.63
8,371.00	89.90	90.70	5,008.63	22.84	3,663.34	3,663.41	1.02	0.94	0.39
8,499.00	89.30	89.90	5,009.52	22.17	3,791.34	3,791.40	0.78	-0.47	-0.63
8,627.00	89.10	90.40	5,011.31	21.84	3,919.32	3,919.38	0.42	-0.16	0.39
8,755.00	88.90	89.60	5,013.54	21.84	4,047.30	4,047.36	0.64	-0.16	-0.63



Phoenix Technology Services
Survey Report



Company:	Apache Corporation	Local Co-ordinate Reference:	Well #34H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3765.00usft (Capstar 119)
Site:	NFE Federal	MD Reference:	KB @ 3765.00usft (Capstar 119)
Well:	#34H	North Reference:	Grid
Wellbore:	WB1 / Job #1512835	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Capstar 119)	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)
8,882.00	88.80	89.50	5,016.09	22.83	4,174.27	4,174.33	0.11	-0.08	-0.08
9,010.00	88.70	89.40	5,018.88	24.06	4,302.24	4,302.30	0.11	-0.08	-0.08
9,138.00	88.30	88.80	5,022.23	26.07	4,430.18	4,430.25	0.56	-0.31	-0.47
9,266.00	88.30	88.60	5,026.03	28.97	4,558.09	4,558.16	0.16	0.00	-0.16
9,394.00	87.70	87.70	5,030.50	33.10	4,685.94	4,686.06	0.84	-0.47	-0.70
9,521.00	87.50	88.40	5,035.82	37.42	4,812.75	4,812.90	0.57	-0.16	0.55
9,649.00	87.30	87.90	5,041.62	41.55	4,940.56	4,940.73	0.42	-0.16	-0.39
9,747.00	87.90	88.70	5,045.73	44.45	5,038.43	5,038.81	1.02	0.61	0.82
Last Phoenix MWD Survey									
9,812.00	88.50	89.00	5,047.77	45.76	5,103.38	5,103.58	1.03	0.92	0.46
Projection to TD									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
4,314.00	4,313.58	11.74	19.53	Tie-on to Phoenix Gyro Survey
4,413.00	4,412.58	11.60	19.21	First Phoenix MWD Survey
9,747.00	5,045.73	44.45	5,038.43	Last Phoenix MWD Survey
9,812.00	5,047.77	45.76	5,103.38	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964



Company: Apache

Job #: 1513326

Well Name: NFE Federal #34H

County/State: Eddy Co, NM

Survey Instrument Type: North Seek Rate Gyro

API #: 30-015-42654

TIE-IN DATA

Measure Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	N-S Coordinates	E-W Coordinates	Data Source
0	0	0	0	0	0	Surface

First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2015-04-03	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2015-04-03	4314	0.11	267.59

Projected TD Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
0	0	0	0

Grid Correction
-0.23

Gyro Operator: Leon Laskowski

Gyro Supervisor: *[Signature]*

To the best of my knowledge I certify this survey data to be correct and true

Date: 2015-04-03

Print Name: Leon Laskowski

Signature: *[Signature]*



PHOENIX TECHNOLOGY SERVICES

Company:

Well: NFE Federal #34H
Location: Eddy Co, NM
Rig: Capstar 119

Apache

Job Number: 1513336

Grid Corr.: -0.23
Lat: 32.86
Long: -103.90

Calculation Method

Proposed Azimuth
RKB - MSL in feet
Tie Into: 11'

Minimum Curvature

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	E/W (ft)	Closure Distance (ft)	Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
Enter Tie-In Survey on Line 10													
TIE IN	0	0.00	0	0	0	0	0	0					
Gyro	118.00	0.10	48.18	118	118.00	0.07	0.07 N	0.08 E	0.10	48.18	0.08	0.08	40.83
	207.00	0.10	45.19	89	207.00	0.18	0.18 N	0.19 E	0.26	47.28	0.01	0.00	-3.36
	298.00	1.25	53.46	91	297.99	0.82	0.82 N	1.04 E	1.33	51.77	1.26	1.26	9.09
	389.00	2.97	44.07	91	388.93	3.11	3.11 N	3.48 E	4.67	48.25	1.92	1.89	-10.32
	479.00	2.17	41.83	90	478.84	6.05	6.05 N	6.24 E	8.69	45.87	0.90	-0.89	-2.49
	564.00	1.96	45.77	85	563.78	8.27	8.27 N	8.35 E	11.75	45.31	0.30	-0.25	4.64
	650.00	1.74	45.50	86	649.74	10.21	10.21 N	10.34 E	14.53	45.37	0.26	-0.26	-0.31
	735.00	1.40	43.33	85	734.70	11.87	11.87 N	11.97 E	16.86	45.25	0.41	-0.40	-2.55
	820.00	1.26	44.25	85	819.68	13.29	13.29 N	13.34 E	18.83	45.10	0.17	-0.16	1.08
	905.00	1.03	48.22	85	904.66	14.47	14.47 N	14.56 E	20.53	45.18	0.29	-0.27	4.67
	990.00	0.90	52.08	85	989.65	15.39	15.39 N	15.65 E	21.95	45.49	0.17	-0.15	4.54
	1076.00	0.79	58.56	86	1075.64	16.11	16.11 N	16.69 E	23.20	46.01	0.17	-0.13	7.53
	1161.00	0.72	63.32	85	1160.63	16.66	16.66 N	17.67 E	24.28	46.69	0.11	-0.08	5.60
	1246.00	0.91	83.37	85	1245.63	16.98	16.98 N	18.82 E	25.34	47.95	0.40	0.22	23.59
	1332.00	0.93	102.13	86	1331.62	16.91	16.91 N	20.18 E	26.33	50.04	0.35	0.02	21.81
	1417.00	0.83	112.01	85	1416.61	16.53	16.53 N	21.42 E	27.06	52.34	0.21	-0.12	11.62
	1502.00	0.63	118.79	85	1501.60	16.08	16.08 N	22.40 E	27.58	54.34	0.26	-0.24	7.98
	1587.00	0.56	114.73	85	1586.59	15.68	15.68 N	23.19 E	27.99	55.94	0.10	-0.08	-4.78
	1673.00	0.37	123.90	86	1672.59	15.35	15.35 N	23.80 E	28.32	57.19	0.24	-0.22	10.66
	1758.00	0.24	137.30	85	1757.59	15.06	15.06 N	24.15 E	28.46	58.05	0.17	-0.15	15.76
	1843.00	0.20	150.90	85	1842.59	14.80	14.80 N	24.34 E	28.49	58.70	0.08	-0.05	16.00
	1928.00	0.15	216.82	85	1927.59	14.58	14.58 N	24.35 E	28.38	59.08	0.23	-0.06	77.55
	2013.00	0.17	262.81	85	2012.59	14.48	14.48 N	24.16 E	28.17	59.06	0.15	0.02	54.11
	2099.00	0.21	248.48	86	2098.59	14.41	14.41 N	23.89 E	27.89	58.91	0.07	0.05	-16.66
	2184.00	0.21	243.06	85	2183.59	14.28	14.28 N	23.60 E	27.58	58.83	0.02	0.00	-6.38
	2269.00	0.24	241.74	85	2268.59	14.12	14.12 N	23.31 E	27.25	58.79	0.04	0.04	-1.55
	2354.00	0.21	239.23	85	2353.59	13.96	13.96 N	23.02 E	26.92	58.76	0.04	-0.04	-2.95

Field Copy Non Definitive



Company: Apache
Well: NFE Federal #34H
Location: Eddy Co, NM
Rig: Capstar 119

Job Number: 1513336
Grid Corr.: -0.23
Lat: 32.86
Long: -103.90

Calculation Method
Proposed Azimuth
RKB - MSL in feet
Tie Into: 11'

Minimum Curvature

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	E/W (ft)	Closure Distance (ft)	Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
	2440.00	0.24	235.06	86	2439.58	13.78	22.73 E	26.58	58.79	0.04	0.03	-4.85
	2525.00	0.20	242.71	85	2524.58	13.61	22.45 E	26.25	58.79	0.06	-0.05	9.00
	2610.00	0.23	232.59	85	2609.58	13.43	22.19 E	25.94	58.81	0.06	0.04	-11.91
	2695.00	0.15	231.76	85	2694.58	13.26	21.96 E	25.66	58.88	0.09	-0.09	-0.98
	2780.00	0.11	223.47	85	2779.58	13.13	21.82 E	25.47	58.96	0.05	-0.05	-9.75
	2865.00	0.06	182.76	85	2864.58	13.03	21.76 E	25.36	59.09	0.09	-0.06	-47.89
	2950.00	0.08	217.90	85	2949.58	12.94	21.72 E	25.28	59.22	0.05	0.02	41.34
	3036.00	0.05	221.23	86	3035.58	12.86	21.66 E	25.19	59.30	0.04	-0.03	3.87
	3121.00	0.12	232.34	85	3120.58	12.78	21.57 E	25.07	59.35	0.08	0.08	13.07
	3206.00	0.17	231.21	85	3205.58	12.65	21.40 E	24.86	59.42	0.06	0.06	-1.33
	3291.00	0.20	241.80	85	3290.58	12.50	21.17 E	24.58	59.44	0.05	0.04	12.46
	3376.00	0.17	265.31	85	3375.58	12.42	20.91 E	24.32	59.30	0.10	-0.04	27.66
	3462.00	0.11	330.88	86	3461.58	12.48	20.75 E	24.21	58.97	0.19	-0.07	76.24
	3547.00	0.08	282.31	85	3546.58	12.56	20.65 E	24.17	58.68	0.10	-0.04	-57.14
	3632.00	0.13	204.40	85	3631.58	12.49	20.55 E	24.05	58.71	0.16	0.06	-91.66
	3802.00	0.18	212.65	170	3801.58	12.09	20.33 E	23.65	59.26	0.03	0.03	4.85
	3888.00	0.12	213.17	86	3887.58	11.90	20.20 E	23.45	59.51	0.07	-0.07	0.60
	3973.00	0.20	228.57	85	3972.58	11.73	20.04 E	23.22	59.67	0.11	0.09	18.12
	4058.00	0.17	0.81	85	4057.58	11.75	19.93 E	23.14	59.48	0.40	-0.04	-267.95
	4143.00	0.03	325.06	85	4142.58	11.90	19.92 E	23.21	59.16	0.17	-0.16	381.47
	4228.00	0.23	240.80	85	4227.58	11.83	19.76 E	23.03	59.09	0.27	0.24	-99.13
	4314.00	0.11	267.59	86	4313.58	11.74	19.53 E	22.79	58.98	0.16	-0.14	31.15

WELL NAME: NFE FEDERAL COM 34H
 API: 30-015-42654
 SPUD DATE: 3/28/2015
 PRODUCING FORMATION: YESO PADDOCK
 FIELD: CEDAR LAKE (BP)
 COUNTY: EDDY
 STATE: NEW MEXICO
 WORKING INTEREST: 60.00%

SURFACE LOC: 945' FSL & 155' FEL
 SECTION: 6
 TOWNSHIP: 17-S
 RANGE: 31-E
 SURVEY: JOHN WEST SURVEYING CO
 BOTTOM HOLE LOC: 955' FSL & 333' FEL
 SECTION: 5
 TOWNSHIP: 17-S
 RANGE: 31-E
 SURVEY: JOHN WEST SURVEYING CO
 DRILL RIG: CAPSTAR 119
 RIG RELEASE: 4/10/2015

KB (ft): 3.765.00
 GL (ft): 3.754.00
 KB/GL DIFF (ft): 11.00
 TMD (ft): 9.812.00
 TD OF PILOT HOLE (ft): N/A
 FC DEPTH (ft): 9.791.00
 PBMD (ft): 9.812.00
 ROV DEPTH (ft): N/A
 ORIO VALVE (ft): N/A
 DEEPEST TVD (ft): 5.048.00

TAPERED CASING STRING:

7" 28# L-80 TO X-OVER @ 4.457'
 TAPERING TO 5.5" 20# L-80 SET @ 9.800'

KOP (ft): 4.441
 LATERAL LENGTH (ft): 4.518
 TD OF PILOT HOLE (ft): N/A

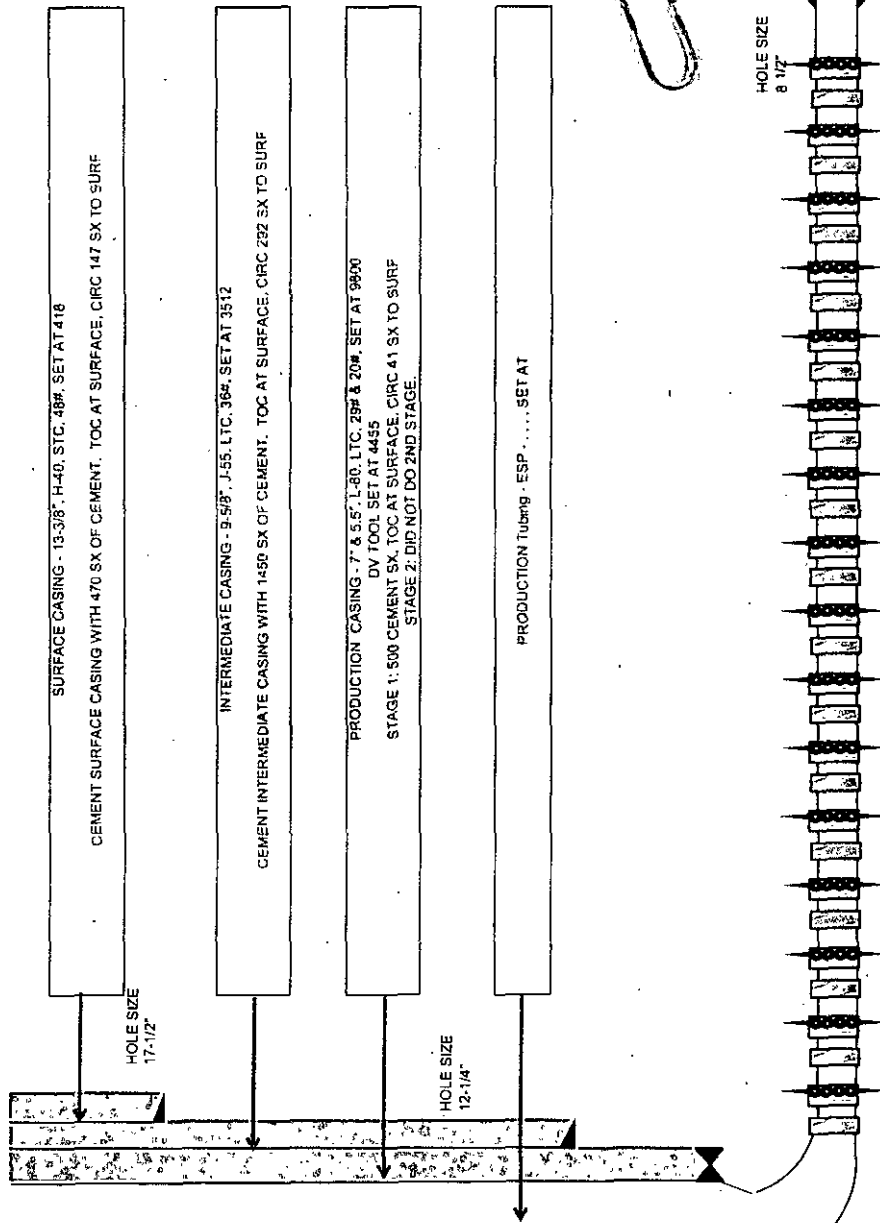
COMPLETION:

STIMULATION:

STATUS:

COMMENTS:

LAST UPDATED BY: HILLARI GOULD
 LAST UPDATED: 10/13/2015



PACKERS & SLEEVES
 TOP PERF (MD): 5.294
 BOTTOM PERF (MD): 9.791

TMD (ft): 9.812
 FC DEPTH (ft): 9.791
 PBMD (ft): 9.812
 ROV DEPTH (ft): N/A
 ORIO VALVE (ft): N/A

PACKERS & SLEEVES - 16 STAGES

TOTAL ACID (gal)	2,888	TOTAL LTR (bbl)	71.098	TOTAL PROPANT (lbs)	3,033,900	MAX WH RATE (bpm)	93.00	MAX WH PRESSURE (psi)	6,574
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PRODUCTION METHOD	Pumping	LIFT TYPE	ESP	SETTING DEPTH	0
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CROSSOVER SUB @ 4.457'