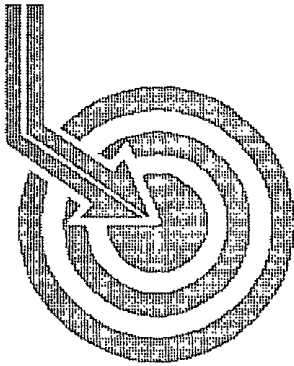


30-015-34996



Scientific Drilling



DAVID H. ARRINGTON OIL & GAS

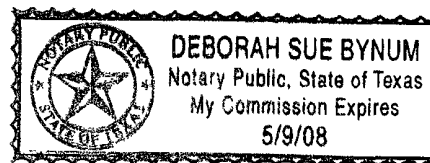
Field: Cottonwood Creek
Site: Eddy County, NM
Well: Big Daddy Rabbit #1H
Wellpath: VH - Job #32K1006875
Survey: 10/27/06

This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Deborah.....Company Representative

Notorized this date 2nd of December, 2006.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: DAVID H. ARRINGTON OIL & GAS	Date: 11/21/2006	Time: 16:42:12	Page: 1
Field: Cottonwood Creek	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Big Daddy Rabbit #1H	Section (VS) Reference:	Well (0.00N,0.00E,238.24Azi)	
Wellpath: VH - Job #32K1006875	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 10/27/06	Start Date: 10/27/2006
Company: KSRG 0'-3200'	
Tool: Scientific Drilling Internatio	Engineer: Rehders w/GeoGyro
Keeper;Keeper Gyro	Tied-to: From Surface

Survey

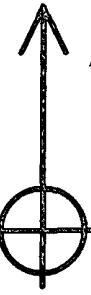
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.36	23.20	100.00	-0.26	0.29	0.12	0.36	0.31	23.20
200.00	0.28	24.41	200.00	-0.72	0.80	0.35	0.08	0.87	23.54
300.00	0.19	57.99	300.00	-1.09	1.11	0.59	0.16	1.26	27.99
400.00	0.68	128.98	399.99	-1.45	0.83	1.19	0.64	1.45	55.31
500.00	0.54	133.25	499.99	-1.77	0.13	2.00	0.15	2.00	86.31
600.00	0.24	119.37	599.99	-1.99	-0.30	2.52	0.31	2.54	96.71
700.00	0.15	74.19	699.99	-2.22	-0.36	2.83	0.17	2.85	97.32
800.00	0.37	215.90	799.99	-2.04	-0.59	2.77	0.50	2.83	102.03
900.00	0.39	203.02	899.98	-1.47	-1.16	2.44	0.09	2.71	115.47
1000.00	0.36	201.88	999.98	-0.93	-1.77	2.19	0.03	2.82	128.87
1100.00	0.39	210.99	1099.98	-0.38	-2.35	1.90	0.07	3.03	141.04
1200.00	0.46	222.75	1199.98	0.31	-2.94	1.45	0.11	3.28	153.67
1300.00	0.65	233.94	1299.97	1.26	-3.57	0.72	0.22	3.64	168.53
1400.00	0.86	237.64	1399.96	2.58	-4.30	-0.37	0.22	4.32	184.90
1500.00	0.83	226.89	1499.95	4.04	-5.20	-1.53	0.16	5.42	196.41
1600.00	0.86	230.32	1599.94	5.49	-6.17	-2.64	0.06	6.71	203.13
1700.00	0.75	234.29	1699.93	6.89	-7.04	-3.75	0.12	7.97	208.04
1800.00	0.67	239.57	1799.92	8.13	-7.71	-4.78	0.10	9.08	211.80
1900.00	0.67	241.71	1899.92	9.29	-8.29	-5.80	0.03	10.12	215.00
2000.00	0.68	243.61	1999.91	10.47	-8.83	-6.85	0.02	11.17	217.80
2100.00	0.67	245.49	2099.90	11.64	-9.33	-7.91	0.02	12.24	220.28
2200.00	0.65	247.36	2199.90	12.78	-9.79	-8.97	0.03	13.28	222.47
2300.00	0.63	248.90	2299.89	13.88	-10.21	-10.00	0.03	14.29	224.41
2400.00	0.50	260.16	2399.88	14.83	-10.48	-10.95	0.17	15.16	226.24
2500.00	0.29	262.79	2499.88	15.46	-10.59	-11.63	0.21	15.73	227.67
2600.00	0.31	272.36	2599.88	15.91	-10.61	-12.15	0.05	16.13	228.87
2700.00	0.29	274.59	2699.88	16.34	-10.58	-12.67	0.02	16.51	230.14
2800.00	0.31	288.36	2799.88	16.72	-10.47	-13.18	0.07	16.83	231.53
2900.00	0.27	298.80	2899.88	17.01	-10.27	-13.64	0.07	17.08	233.02
3000.00	0.27	298.19	2999.88	17.24	-10.05	-14.06	0.00	17.28	234.44
3100.00	0.32	330.70	3099.87	17.35	-9.70	-14.40	0.17	17.36	236.05
3200.00	0.44	323.37	3199.87	17.37	-9.14	-14.77	0.13	17.37	238.24



Scientific
Drilling

Field: Cottonwood Creek
Site: Eddy County, NM
Well: Big Daddy Rabbit #1H
Wellpath: VH - Job #32K1006875
Survey: 10/27/06

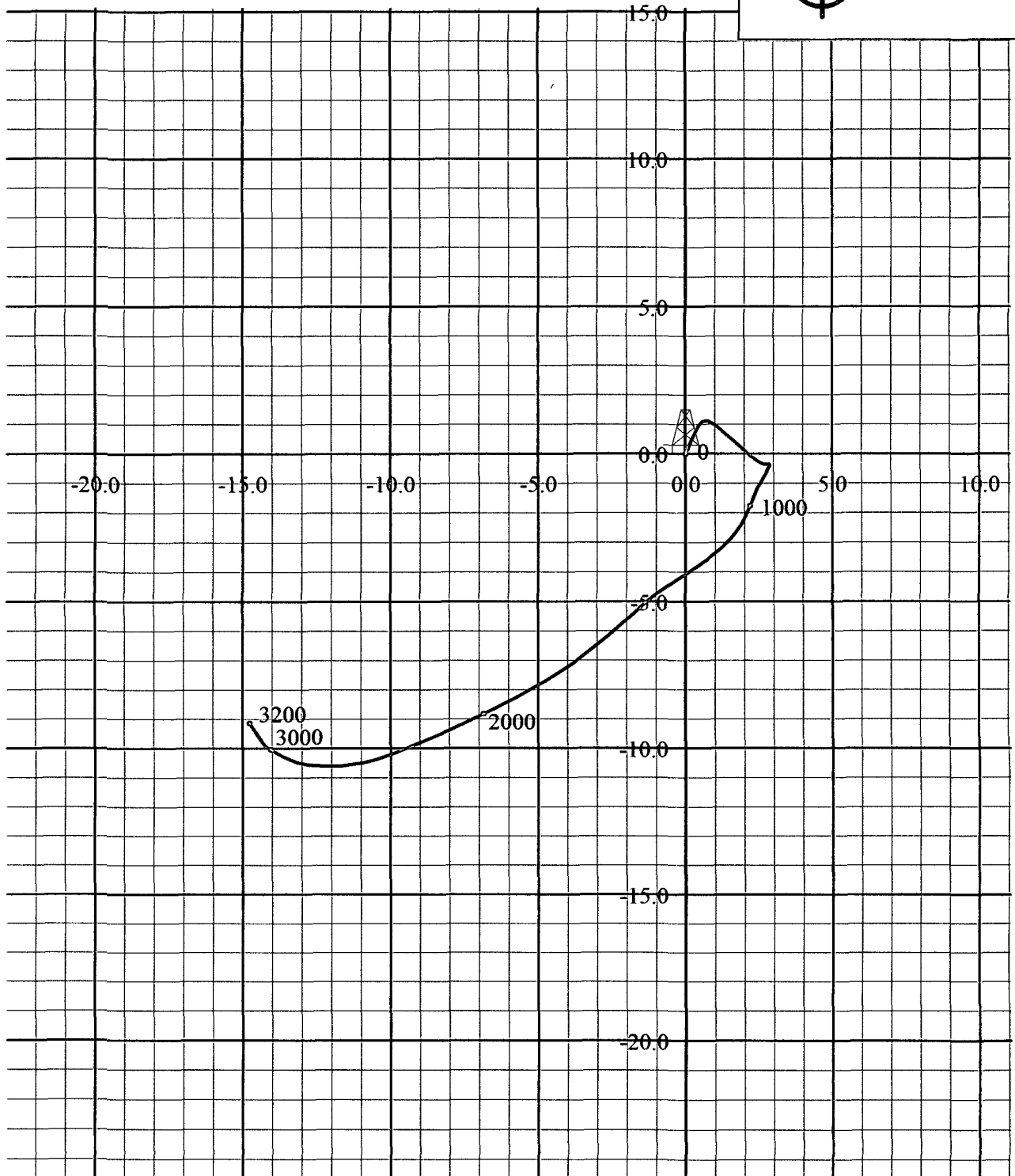
G/T/M



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

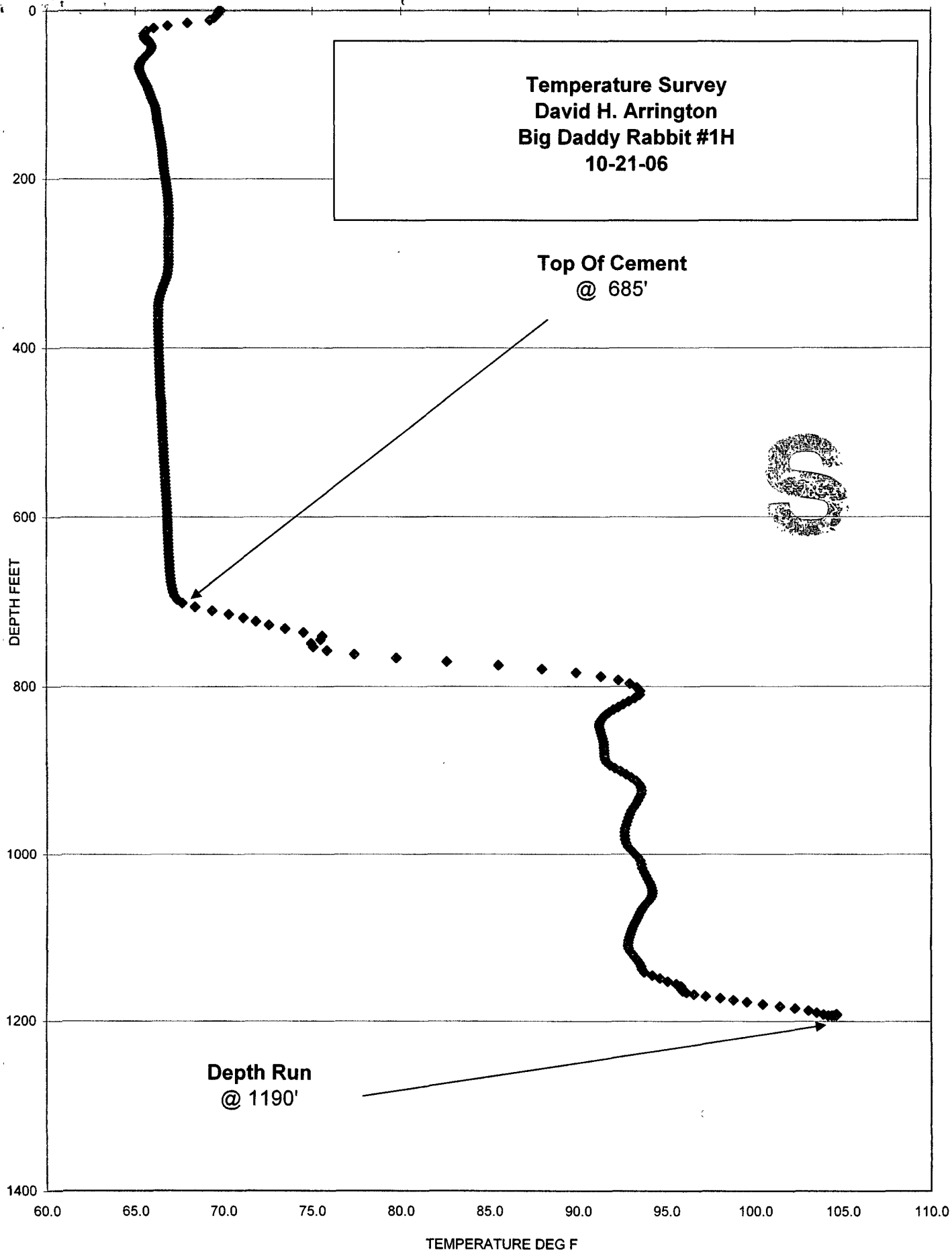
Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 11/21/2006
Model: igrf2000

South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]

30-015-34996



[illegible]

65.3	64						
65.2	67						
65.2	70						
65.3	72						
65.3	75						
65.4	78						
65.5	82						
65.6	85						
65.6	88						
65.7	91						
65.8	95						
65.8	98						
65.9	101						
65.9	104						
66.0	108						
66.1	111						
66.1	114						
66.2	117						
66.2	121						
66.2	124						
66.3	127						
66.3	130						
66.3	134						
66.3	137						
66.4	140						
66.4	143						
66.4	147						
66.4	150						
66.4	153						
66.5	157						
66.5	160						
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66.5	167						
66.6	170						
66.6	174						
66.6	177						
66.6	181						
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66.8	210						
66.8	213						
66.8	217						
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66.9	224						
66.9	228						
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74.5	737							
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75.0	754							
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77.4	762							
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93.5	810							
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92.9	818							
92.6	822							
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91.8	831							
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91.4	837							
91.3	840							
91.2	842							
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91.3	855							
91.4	859							

91.4	862							
91.4	866							
91.5	869							
91.5	873							
91.5	876							
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91.5	887							
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93.0	948							
92.9	952							
92.9	957							
92.8	961							
92.7	965							
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94.2	1047							
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94.1	1054							
94.0	1057							
93.8	1060							

93.7	1063							
93.6	1066							
93.5	1070							
93.4	1073							
93.4	1076							
93.3	1079							
93.2	1083							
93.1	1086							
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103.5	1190							
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104.1	1193							
104.3	1193							
104.5	1193							
104.6	1193							
104.6	1193							
104.6	1192							

WELL NAME: Big Daddy Rabbit #1H FIELD: Cottonwood Creek LSE#: PROPERTY #: 09870-40
 STATE: NM COUNTY: Eddy LOCATION: 700' FNL & 660' FEL of Sec 19-T19S-R23E PREPARED BY: Art Carrasco
 API NO: 30-025-34996 SPUD DATE: 10/16/2006 FORMATION: Abo / Wolfcamp DATE: 11/29/2006
 TMD: 8220' M PBTD: 8063' ELEVATION: 4091' LAST UPDATE: 6/13/2007

PIPE DATA												PERFORMANCE			CEMENT & HOLE DATA			
CSG	OD	ID	Drift	GRADE	THD	WT/FT	TOP (TVD)	BTM (TVD)	TOP (TMD)	BTM (TMD)	# JTS	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)	BIT SIZE	Lead (sacks)	Tail (sacks)	TOC
												* Safety Factor Not Included						
Surf	8.625"	7.921"	7.796"	J55	ST&C	32.00#	0'	1,300	0'	1330'		2,530	3,930	417,000	12.250'	840'	660	Surface
Prod	5.500"	4.892"	4.767"	N80	LTC	17.00#	0'	2,125	0'	2125'		6,280	7,740	348,000	7.875'	550	330	Surface
	5.500"	4.892"	4.767"	P110	LTC	17.00#	2125'	4,532	2125'	8063'		7,460	10,840	445,000				
Tbg	2.875"	2.441"	2.347"	N80	8RD	6.500#	0'	0	0'	0'		11,160	10,570	144,960				

Downhole equipment

Tubing design:

132 - Jts 2 3/8" N-80 tbg
 1 - 2 3/8" SN @ (4,204')
 1 - 2 3/8"x4' N-80 sub
 1 - Gas separator (Don-Nan) 24' @ (4,209')
 1 - 2 3/8" SN
 1 - Watson 2 3/8"x3' CRP Packer @ (4,230')
 1 - 2 3/8" SN
 1 - 2 3/8"x5 1/2" TAC set w/10 pts tension set @ (4,234')
 1 - 2 3/8"x4' perforated sub
 1 - 2 3/8" SN
 1 - Jt 2 3/8" N-80 tbg w/ Bull Plug
 EOT @ (4,274')

Rod Design:

1 - 1 1/4"x26' Polish rod w/16' liner
 59 - 7/8"x25' T-90 sucker rods
 w/SH "T" couplings
 96 - 1/2"x25' T-90 sucker rods
 w/FS "T" couplings
 10 - 7/8"x25' T-90 sucker rods
 w/SH "T" couplings
 1 - 2"x1 1/4"x16' pump (Don-Nan)

Remarks:

Well drilled to 8220' TMD
 Casing set 133' short @ 8063'

ANNULAR VOLUME BETWEEN				(bbl/ft)	(ft/bbl)	(cf/ft)	(gal/ft)	(ft/gal)
2.875	Tubing	5.500	Casing	.01520	65.71	0.6540	63920	1.56450
TUBULAR CAPACITY				(bbl/ft)	(ft/bbl)	(cf/ft)	(gal/ft)	(ft/gal)
2.875	Tubing			0.0578	172.76	0.3250	24310	4.11340
5.500	Casing			0.2320	43.01	1.3050	97640	1.02420
PERFORATION RECORD (Measured Depth)								
	TOP	BTM	ZONE	INTERVAL	SPF	SIZE	HOLES	STATUS
	8001'	8001'	Abo/WVC	1	DSS	0.75	36	Stage 1
	7709'	7709'	Abo/WVC	2	DSS	0.75	18	Stage 2
	7658'	7658'	Abo/WVC	3	DSS	0.75	18	Stage 3
	7597'	7597'	Abo/WVC	4	DSS	0.75	18	Stage 4
	7535'	7535'	Abo/WVC	5	DSS	0.75	18	Stage 5
	7445'	7445'	Abo/WVC	6	DSS	0.75	18	Stage 6
	7150'	7150'	Abo/WVC	7	DSS	0.75	18	Stage 7
	6956'	6956'	Abo/WVC	8	DSS	0.75	18	Stage 8
	6860'	6860'	Abo/WVC	9	DSS	0.75	18	Stage 9
	6800'	6800'	Abo/WVC	10	DSS	0.75	18	Stage 10
	6158'	6158'	Abo/WVC	11	DSS	0.75	18	Stage 11
	6053'	6053'	Abo/WVC	12	DSS	0.75	18	Stage 12
	5422'	5422'	Abo/WVC	13	DSS	0.75	18	Stage 13
	5282'	5282'	Abo/WVC	14	DSS	0.75	18	Stage 14
	5199'	5199'	Abo/WVC	15	DSS	0.75	18	Stage 15
	5072'	5072'	Abo/WVC	16	DSS	0.75	18	Stage 16
	5012'	5012'	Abo/WVC	17	DSS	0.75	18	Stage 17
	4835'	4835'	Abo/WVC	18	DSS	0.75	18	Stage 18

GEOLOGIST:



4835' 5012' 5072' 5199' 5282' 5422' 6053' 6158' 6800' 6860' 6956' 7150' 7150' 7445' 7535' 7597' 7658' 7709' 8001'