

Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

RECEIVED
DEC 03 2009
HOBBSDOCD

CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30 025 39508	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. VB-1488	
7. Lease Name or Unit Agreement Name Bada Bing 23 State	
8. Well Number #1H	
9. OGRID Number 249099	
10. Pool name or Wildcat Permo Penn	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator Caza Operating, LLC,	
3. Address of Operator 200 N. Loraine, Suite 1550, Midland, Texas 79701	
4. Well Location Unit Letter M : 33D feet from the South line and 660 feet from the West line Section 23 Township 10 South Range 33 East NMPM Lea County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4208 GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: **TD Well Run Peak Completion System** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11/4/09-11/8/09 _ Drilled 6.125" hole Building Curve from Whipstock exit "8555 ft (646 FSL & 657 FWL) Land @ 9044 ft. MD.
11/8/09- 11/18/09 - Drilled 6.125" lateral from 9044 ft to 12870 ft. Average TVD ± 8565 ft.
Formation POE 8555 ft. MD_ 8554.6 ft TVD_ 645 ft. FSL & 657 ft. FWL _ ZOI 9049' MD 8873 TVD.
EOL = 12,870 ft. TVD 8854 ft. 4786' FSL & 582 FWL. Effective Lateral Length 3821 ft. Total VS = 4126 ft.
11/19/09 - Reamed 6.125" hole from 8555 ft to 12,870 ft. Hole in good shape.
11/20/09 - Run Peak "Pkr/Sleeve Open Hole Completion System w/ Peak Liner Hanger and Packer. End of Assembly @ 12,835 ft. Pkrs @ 12520, 12139, 11743, 11353, 11013, 10579, 10157, 9811, 9424 & 8997. Liner Top Packer @ 8068 ft. Completion Sleeves located @ 12704, 12305, 11918, 11527, 11178, 10793, 10369, 9984, 9638 & 9210. This is a planned 10 Stage Completion
SEE ATTACHED PEAK COMPLETION SYSTEMS SCHEMATIC & REPORT.

Spud Date:

10/10/2009

Rig Release Date:

11/22/2009

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Richard L. Wright

TITLE **Operations Manager**

DATE **11/30/2009**

Type or print name **Richard L. Wright**

E-mail address: **rwright@cazapetro.com** PHONE: **432 682 7424**

For State Use Only

APPROVED BY:

[Signature]

TITLE

PETROLEUM ENGINEER

DATE

DEC 09 2009

Conditions of Approval (if any):

Bottom Hole Assembly Description										Depth	# of Pins	Shear Press Psig	#
Description	Length	TD of BOT	Wanted TD	ID	OD								
1 Peak Down Jet Circ Sub w/ 3-1/2" eue pin 1	2.58	12835.00	12870.00	0.750	3.850					-35.00	3	999	
2 Swedge w/ 3-1/2" eue collar x 4-1/2" LTC collar	1.45	12832.42		3.068	5.100								
3 Swedge w/ 4-1/2" LTC pin x 4-1/2" BTC collar	1.15	12830.97		4.000	4.500								
4 3 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 1-3	125.22	12829.82		4.000	4.500								
5 Hydro-Port Hydraulic Actuated Frac Sleeve 2	2.46	12704.60	12698.00	4.000	5.875					6.60	8	4504	1
6 2 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 4-5	83.78	12702.14		4.000	4.500								
7 4-1/2" BTC pin x 4-1/2" LTC collar 11 6# P-110 pup jt	2.15	12618.36		3.920	4.500								
8 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	12616.21		3.995	5.940								
9 Peak OH Anchor 4-1/2" BTC pin x 4-1/2" BTC box 3	4.28	12615.71	x	3.992	5.880						5	1855	anc
10 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.23	12611.43		3.920	4.500								
11 2 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 6-7	81.97	12605.20		4.000	4.500								
12 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.10	12523.23		3.920	4.500								
13 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	12521.13		3.995	5.940								
14 Peak Predator Packer 4-1/2" BTC pin x pin 4	3.38	12520.63	12525.00	3.996	5.690					-4.37	4	1748	1
15 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	12517.25		3.920	4.500								
16 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 8-12	204.40	12510.53		4.000	4.500								
17 Strata-Port III Ball Activated Frac Sleeve 1.532" Id 5	3.55	12306.13	12320.00	1.532	5.880					-13.87	7	2051	2
18 4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 13-16	160.50	12302.58		4.000	4.500								
19 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.11	12142.08		3.920	4.500								
20 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	12139.97		3.995	5.940								
21 Peak Predator Packer 4-1/2" BTC pin x pin 6	3.38	12139.47	12115.00	3.996	5.690					24.47	4	1748	2
22 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	12136.09		3.920	4.500								
23 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 17-21	210.84	12129.37		4.000	4.500								
24 Strata-Port III Ball Activated Frac Sleeve 1.781" Id 7	3.55	11918.53	11922.00	1.782	5.875					-3.47	7	2051	3
25 4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 22-25	169.25	11914.98		4.000	4.500								
26 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.12	11745.73		3.920	4.500								
27 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	11743.61		3.995	5.940								
28 Peak Predator Packer 4-1/2" BTC pin x pin 8	3.38	11743.11	11730.00	3.996	5.690					13.11	4	1748	3
29 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	11739.73		3.920	4.500								
30 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 26-30	205.81	11733.01		4.000	4.500								
31 Strata-Port III Ball Activated Frac Sleeve 2.032" Id 9	3.55	11527.20	11540.00	2.032	5.875					-12.80	7	2051	4
32 4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 31-34	167.99	11523.65		4.000	4.500								
33 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.10	11355.66		3.920	4.500								
34 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	11353.56		3.995	5.940								
35 Peak Predator Packer 4-1/2" BTC pin x pin 10	3.38	11353.06	11350.00	3.996	5.690					3.06	4	1748	4
36 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	11349.68		3.920	4.500								
37 4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 35-38	164.92	11342.96		4.000	4.500								
38 Strata-Port III Ball Activated Frac Sleeve 2.282" Id 11	3.55	11178.44	11185.00	2.282	5.875					-6.56	7	2051	5
39 4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 39-42	158.85	11174.89		4.000	4.500								
40 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.09	11016.04		3.920	4.500								
41 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	11013.95		3.995	5.940								
42 Peak Predator Packer 4-1/2" BTC pin x pin 12	3.38	11013.45	11020.00	3.996	5.690					-6.55	4	1748	5
43 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	11010.07		3.920	4.500								
44 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 43-47	210.01	11003.35		4.000	4.500								
45 Strata-Port III Ball Activated Frac Sleeve 2.532" Id 13	3.55	10793.34	10807.00	2.532	5.875					-13.66	7	2051	6
46 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 48-52	207.50	10789.79		4.000	4.500								
47 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.10	10582.29		3.920	4.500								
48 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	10580.19		3.995	5.940								
49 Peak Predator Packer 4-1/2" BTC pin x pin 14	3.38	10579.69	10595.00	3.996	5.690					-15.31	4	1748	6
50 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	10576.31		3.920	4.500								
51 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 53-57	200.54	10569.59		4.000	4.500								
52 Strata-Port III Ball Activated Frac Sleeve 2.782" Id 15	3.55	10369.05	10380.00	2.782	5.875					-10.95	7	2051	7
53 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 58-62	205.75	10365.50		4.000	4.500								
54 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.11	10159.75		3.920	4.500								
55 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	10157.64		3.995	5.940								
56 Peak Predator Packer 4-1/2" BTC pin x pin 16	3.38	10157.14	10165.00	3.996	5.690					-7.86	4	1748	7
57 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	10153.76		3.920	4.500								
58 4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 63-66	162.84	10147.04		4.000	4.500								
59 Strata-Port III Ball Activated Frac Sleeve 3.032" Id 17	3.55	9984.20	9995.00	3.032	5.875					-10.80	7	2051	8
60 4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 67-70	166.30	9980.65		4.000	4.500								
61 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.10	9814.35		3.920	4.500								
62 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	9812.25		3.995	5.940								
63 Peak Predator Packer 4-1/2" LTC pin x pin 18	3.38	9811.75	9825.00	3.996	5.690					-13.25	4	1748	8
64 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	9808.37		3.920	4.500								
65 4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 71-74	162.93	9801.65		4.000	4.500								
66 Strata-Port III Ball Activated Frac Sleeve 3.281" Id 19	3.55	9638.72	9630.00	3.282	5.875					8.72	7	2051	9
67 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 75-79	207.69	9635.17		4.000	4.500								
68 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.09	9427.48		3.920	4.500								
69 Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	9425.39		3.995	5.940								
70 Peak Predator Packer 4-1/2" BTC pin x pin 20	3.38	9424.89	9435.00	3.996	5.690					-10.11	4	1748	9
71 4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	9421.51		3.920	4.500								
72 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 80-84	204.37	9414.79		4.000	4.500								
73 Strata-Port III Ball Activated Frac Sleeve 3.532" Id 21	3.55	9210.42	9220.00	3.532	5.875					-9.58	7	2051	10
74 5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 85-89	206.90	9206.87		4.000	4.500								
75 4-1/2" LTC pin x 4-1/2" LTC collar 11 6# P-110 pup jt	2.10	8999.97		3.920	4.500								
76 Peak Rot Centralizer 4-1/2" LTC pin x box	0.50	8997.87		3.995	5.940								
77 Peak Predator Packer 4-1/2" LTC pin x pin 22	3.38	8997.37	9005.00	3.996	5.690					-7.63	4	1748	10
78 4-1/2" LTC pin x 4-1/2" LTC collar 11 6# P-110 pup jt	6.72	8993.99		3.920	4.500								
79 22 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 90-111	914.01	8987.27		4.000	4.500								
80 4-1/2" BTC pin x 4-1/2" BTC collar pup jt	2.10	8073.26		3.920	4.500								
81 MonoPak II Packer 4-1/2" BTC pin x collar lower element	2.75	8071.16		3.996	5.688						4	1644	
82 SMP-X Csg Hanger Packer 4-1/2" BTC pin x pin 23	5.87	8068.41	8100.00	4.000	6.000					-31.59	3	1800	X
83 Running Adapter 4-1/2" BTC collar x 4-1/2" BTC box	3.29	8062.54		4.000	5.380								
84 3-Dog Grudeon 4-1/2" BTC pin	2.50	8059.25		4.000	4.500								
85 Setting Mandrel top sub 3-1/2" IF box	0.83	8056.75		1.750	4.750								
86 3-1/2" IF Pup Joint	7.63	8055.92		2.375	3.500								
87 45 Jts 3-1/2" IF 26# Hevi-Wate Drill Pipe (15 std's)	1362.27	8048.29		2.063	4.750								
88 210 Jts 3-1/2" IF 13 3# Drill Pipe (70 std's)	6644.70	6686.02		2.764	3.500								
89 1 Jts 3-1/2" IF 13 3# Drill Pipe	32.00	41.32		2.764	3.500								
90 Pup Joint 3-1/2" IF 13 3#	15.00	9.32		2.764	3.500								
91 Stuck Up		-5.68											
92		-5.68											
93		-5.68											
94													
95													
96													



End of 7' 0" csg @ 8025'

Top of Peak SMP-X Hanger Packer @ 8068.36'

10 STAGE DOWN HOLE WELL PROFILE

WELL NAME	Bada Bing 23 State 1H	DATE	11/20/09
SUPERVISOR	Chuck Nunneley	TOOL HAND	R. Cherry/D. Tupin
PHONE #	432-425-9854	PHONE #	432-425-0888
RIG #	Nabors 783	FIELD TICKET #	5485

ELEVATIONS

GL ELEV	KB ELEV	RIG KBD	TVD
0		28	8874.00
CASING / OPEN HOLE LAYOUT	OD (IN)	LANDED DEPTH	WEIGHT (LB/FT)
CASING DESCRIPTION	7	9025.00	26
WINDOW DESCRIPTION	6 1/8	9113.00	
OPEN HOLE DESCRIPTION	6 1/8	12870.00	JUNCTION @ 8559.00

DESCRIPTION

Top of curve 8559'. End of Curve 9113'

Liner Placement Schematic

DOWNHOLE DESCRIPTION FROM BOTTOM UP

BOTTOM @	DESCRIPTION	LENGTH	ID	OD
12835.00	Peak Down Jet Circ Sub w/ 3-1/2" eue pin 1	2.58	0.750	3.850
12832.42	Swedge w/ 3-1/2" eue collar x 4-1/2" LTC collar	1.45	3.068	5.100
12829.82	3 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 1-3	125.22	4.000	4.500
12704.60	Hydro-Port Hydraulic Actuated Frac Sleeve 2	2.46	4.000	5.875
12702.14	2 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 4-5	84.28	4.000	4.500
12617.86	4-1/2" BTC pin x 4-1/2" LTC collar 11 6# P-110 pup jt	2.15	3.920	4.500
12615.71	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
12615.21	Peak OH Anchor 4-1/2" BTC pin x 4-1/2" BTC box 3	4.28	3.992	5.880
12610.93	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.23	3.920	4.500
12604.70	2 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 6-7	81.97	4.000	4.500
12522.73	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.10	3.920	4.500
12520.63	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
12520.13	Peak Predator Packer 4-1/2" BTC pin x pin 4	3.38	3.996	5.690
12516.75	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
12510.03	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 8-12	204.40	4.000	4.500
12305.63	Strata-Port III Ball Activated Frac Sleeve 1 532" id 5	3.55	1.532	5.880
12302.08	4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 13-16	160.05	4.000	4.500
12142.03	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.11	3.920	4.500
12139.92	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
12139.42	Peak Predator Packer 4-1/2" BTC pin x pin 6	3.38	3.996	5.690
12136.04	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
12129.32	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 17-21	210.84	4.000	4.500
11918.48	Strata-Port III Ball Activated Frac Sleeve 1 781" id 7	3.55	1.782	5.875
11914.93	4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 22-25	169.25	4.000	4.500
11745.68	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.12	3.920	4.500
11743.56	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
11743.06	Peak Predator Packer 4-1/2" BTC pin x pin 8	3.38	3.996	5.690
11739.68	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
11732.96	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 26-30	205.81	4.000	4.500
11527.15	Strata-Port III Ball Activated Frac Sleeve 2 032" id 9	3.55	2.032	5.875
11523.60	4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 31-34	167.99	4.000	4.500
11356.61	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.10	3.920	4.500
11353.51	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
11353.01	Peak Predator Packer 4-1/2" BTC pin x pin 10	3.38	3.996	5.690
11349.63	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
11342.91	4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 35-38	164.52	4.000	4.500
11178.39	Strata-Port III Ball Activated Frac Sleeve 2 282" id 11	3.55	2.282	5.875
11174.84	4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 39-42	158.85	4.000	4.500
11015.99	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.09	3.920	4.500
11013.90	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
11013.40	Peak Predator Packer 4-1/2" BTC pin x pin 12	3.38	3.996	5.690
11010.02	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
11003.30	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 43-47	210.01	4.000	4.500
10793.29	Strata-Port III Ball Activated Frac Sleeve 2 532" id 13	3.55	2.532	5.875
10789.74	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 48-52	207.50	4.000	4.500
10582.24	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.10	3.920	4.500
10580.14	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
10579.64	Peak Predator Packer 4-1/2" BTC pin x pin 14	3.38	3.996	5.690
10576.26	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
10569.54	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 53-57	200.54	4.000	4.500
10369.00	Strata-Port III Ball Activated Frac Sleeve 2 782" id 15	3.55	2.782	5.875
10365.45	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 58-62	205.75	4.000	4.500
10159.70	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.11	3.920	4.500
10157.59	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
10157.09	Peak Predator Packer 4-1/2" BTC pin x pin 16	3.38	3.996	5.690
10153.71	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
10146.99	4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 63-66	162.84	4.000	4.500
9984.15	Strata-Port III Ball Activated Frac Sleeve 3 032" id 17	3.55	3.032	5.875
9980.60	4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 67-70	166.30	4.000	4.500
9814.30	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.10	3.920	4.500
9812.20	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
9811.70	Peak Predator Packer 4-1/2" LTC pin x pin 18	3.38	3.996	5.690
9808.32	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
9801.60	4 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 71-74	162.93	4.000	4.500
9638.67	Strata-Port III Ball Activated Frac Sleeve 3 281" id 19	3.55	3.282	5.875
9635.12	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 75-79	207.69	4.000	4.500
9427.43	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	2.09	3.920	4.500
9425.34	Peak Rot Centralizer 4-1/2" BTC pin x box	0.50	3.995	5.940
9424.84	Peak Predator Packer 4-1/2" BTC pin x pin 20	3.38	3.996	5.690
9421.46	4-1/2" BTC pin x 4-1/2" BTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
9414.74	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 80-84	204.37	4.000	4.500
9210.37	Strata-Port III Ball Activated Frac Sleeve 3 532" id 21	3.55	3.532	5.875
9206.82	5 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 85-89	206.90	4.000	4.500
8999.92	4-1/2" LTC pin x 4-1/2" LTC collar 11 6# P-110 pup jt	2.10	3.920	4.500
8997.82	Peak Rot Centralizer 4-1/2" LTC pin x box	0.50	3.995	5.940
8997.32	Peak Predator Packer 4-1/2" LTC pin x pin 22	3.38	3.996	5.690
8993.94	4-1/2" LTC pin x 4-1/2" LTC collar 11 6# P-110 pup jt	6.72	3.920	4.500
8987.22	22 Jts 4-1/2" BTC 11 60# P-110 Casing Jt# 90-111	914.01	4.000	4.500
8073.21	4-1/2" BTC pin x 4-1/2" BTC collar pup jt	2.10	3.920	4.500
8071.11	MonoPak II Packer 4-1/2" BTC pin x collar lower element	2.75	3.996	5.882
8068.36	SMP-X Csg Hanger Packer 4-1/2" BTC pin x pin 23	5.87	4.000	6.000
8062.49	Running Adapter 4-1/2" BTC collar x 4-1/2" BTC box	3.29	4.000	5.380
8059.20	3-Dog Grudeon 4-1/2" BTC pin	2.50	4.000	4.500

WEIGHT OF STRING DOWN	125K		
WEIGHT OF STRING UP	150K		
TOP OF Csg Hgr GRUDEON	8059.20	TUBING BOTTOM	12835.00

Total drilled depth @ 12870'

*** CONFIDENTIAL ***
Not To Be Disclosed Outside of Caza Operating LLC