

OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES
OF THE STATE OF COLORADO

File in triplicate for Patented and Federal lands.
File in quadruplicate for State lands.

RECEIVED

1-16-73

5. LEASE DESIGNATION AND SERIAL NO.
USA C-8045 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

State G & F

9. WELL NO.

14-11

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 11-T9N-R95W
6th P.M.

12. COUNTY
Moffat

13. STATE
Colorado

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
QUADRANT OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. Box 1250, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface SW/4 SW/4 Section 11, T. 9 N., R. 95 W.
At top prod. interval reported below 660'/South 460'/West (note change)
At total depth

14. PERMIT NO. 77-542 DATE ISSUED
05-081-6182 | 10-10-1972

15. DATE SPUDDED 11-9-72 16. DATE T.D. REACHED 12-4-1972 17. DATE COMPL. (Ready to prod.) P&A 12-8-72 (Plug & Abd.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.) 6550' K. B. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9508' K. B. 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) None 25. WAS DIRECTIONAL SURVEY MADE Slope

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, Density with Gamma Ray

27. WAS WELL CORED YES NO (Submit analysis)
DRILL STEM TEST YES NO (See reverse side)

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"		520' K.B.	15"	512 sacks, 2% calcium chloride	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) P&A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
Geologic Well Report (2)



36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED W. A. Sears, Jr. TITLE General Partner DATE January 11, 1973

37. SUMMARY OF POROUS ZONES:
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			See Geologic Report			

RECEIVED

1-16-73

COLO. OIL & GAS CONS. COM.

GEOLOGICAL REPORT
QUADRANT OIL COMPANY
QUADRANT - WESTRANS
No. 14-11 State G & F
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11, T. 9 N., R. 95 W.
660' FSL & 460' FWL
Moffat County, Colorado

Jack W. Bogrett
Consulting Geologist
235 West 13th Street
Casper, Wyoming
307 234-1757



SYNOPSIS

OPERATOR: Quadrant Oil Company
WELL NAME: Quadrant - Westrans No. 14-11 State G & F
LOCATION: 460' FWL & 660' FSL
SW SW Sec. 11, T. 9 N., R. 95 W.
Moffat County, Colorado
ELEVATION: 6539' Ground; 6550' K.B.
SPUDDED: 7:00 P.M. 11-9-72
CEASED DRILLING: 1:30 A.M. 12-5-72
STATUS: P & A 12-8-72
TOTAL DEPTH: 9500' Driller; 9508 Schlumberger.
CASING: Surface: 17 jts, 10 3/4" - 520' K.B. cmt. w/150
sax, 2% CaCl.
Plug down @ 6:00 P.M. 11-10-72
HOLE SIZE: 8 3/4" Surface Casing to 3522; 7 7/8"
3522' to TD.
CONTRACTOR: Exeter Drilling Company Rig #11
Ray Hopkins - Toolpusher
DRILLING MUD: Magcobar
Alan Johnson - Engineer.
LOST CIRCULATION: None
CORING: None
DRILL STEM TESTS: DST #1: 5025-5050' Lynes Straddle
Rec. 4885' Water, Muddy at top.
LOGS: Schlumberger - Dual Induction, Laterolog
5" Run 1 - 9214 - 522'
2" Run 1 - 9214 - 522'
5" Run 2 - 9502 - 9214'
2" Run 2 - 9502 - 9214'
Formation Density compensated with Gamma Ray
5" Run 1 - 9505' - 522'
F-Log
Gamma Ray Ran to Surface
MUD LOGGING UNIT: Bayles Engineers
Edward Stevens and Gerry Gaukel - Loggers 1500-9500'.
SAMPLES: Wet samples delivered to Am. Strat, Casper, Wyo.
1 cut dry samples delivered to Quadrant in Casper.
GEOLOGIST: Jack Bogrett, relieved by Dee Beardsley 7100-8400'.



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QUADRANT OIL COMPANY
Quadrant - Westrans
No. 14-11 State G & F
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11, T. 9 N., R. 95 W.
660' FSL & 460' FWL
Moffat County, Colorado

SAMPLE DESCRIPTION

Samples Lagged.

5960	6040	Claystone, gray green, light tan, soft, uneven fractures & bedding planes, some red claystone; trace round iron nodules; trace sandstone.
6040	6060	Sandstone, white, fine to medium grained, slightly coarse, angular; trace mica; some clay filling; some loose coarse grains; some dark grains.
6060	6090	Claystone as above.
6090	6180	Sandstone as above.
6180	6200	Claystone, light tan to light gray green; some red, soft, with much sandstone as above.
6200	6215	Sandstone, white, medium grained, some coarse grained, angular, some dark grains, loose sand grains.
6215	6260	Claystone as above.
6260	6340	Sandstone as above.
6340	6400	Claystone, light gray - green - light tan, soft, uneven.
6400	6540	Sandstone, S & P, fine to medium grained, fair P & P.
6540	6665	Claystone, as above, drilled 3'/10 min. avg.
6665	6703	Sandstone, light gray, S & P, fine grained, subangular, clay filled, good P & P. No show.
6703	6712	Siltstone, light gray, firm to hard, S & P.
6712	6716	Coal
6716	6775	Siltstone, light gray, firm to hard, S & P. Trace coal.
6775	6787	Sandstone, light gray, very fine grained, subangular, S & P, clay filled, low to no P & P.
6787	6795	Claystone, as above.

6795	6820	Sandstone, light gray, very fine to fine grained to silt, firm, S & P, NO P & P, clay filled. No shows.'
6820	6860	Claystone & siltstone as above; sandstone as above.
6860	6880	Sandstone, light gray, very fine grained to silt, with some carbonaceous material and thin coal stringers. No show. Fair P & P.
6880	6900	Claystone, light tan to light gray green, trace of red, soft to firm.
6900	6906	Coal and siltstone as above.
6906	6933	Claystone as above, soft to firm.
6933	6955	Sandstone, light gray, fine grained, S & P, angular, some clay filling, trace coal; with claystone as above.
6955	6980	Claystone, light tan - light gray green, some red, soft; trace coal.
6980	7016	Sandstone, light gray, S & P, angular, low P & P as above.
7016	7090	Claystone as above. Some coal caving; sandstone, light gray, S & P, very fine grained to fine grained, low P&P No show.
7090	7120	Drilling Break. Sandstone, light gray to medium gray, very fine grained to fine grained, subangular, S & P. Low P & P. No show.

Sample Description from 7120 to 8400' by Dee E. Beardsley.

Samples not lagged.

7120	7150	Sandstone, white, lime with few medium grains, few coarse floating grains, salt & pepper, subangular, clay filled, tight, no show; trace coal; trace gray, slightly carbonaceous shale.
7150	7160	Siltstone, grey and grey silty sandstone, very fine, silty, some claystone, gray; trace coal.
7160	7180	Coal. Abundant pyrite.
7180	7190	Claystone, grey & grey-green; trace grey, salt & pepper siltstone; trace coal.
7190	7200	As above, except abundant coal.
7200	7280	Claystone, grey-green, grey & red, abundant coal; trace sandstone, white very fine, subangular, tight, clay filled. No show.

7280	7300	Claystone, grey and light grey; some siltstone, white; trace coal.
7300	7350	Claystone, varicolored; trace sandstone, white, medium, angular to subrounded, tight, clay filled.
7350	7360	Claystone, varicolored; abundant sandstone, white, fine to very fine, subrounded; few coarse chert grains, very angular, clay filled to poor porosity. No show.
7360	7370	Claystone, varicolored; abundant sandstone, white, medium to coarse, subrounded, clayfilled, tight. No show; trace coal.
7370	7390	Claystone, varicolored; trace brown carbonaceous shale; trace coal; trace sandstone as above; and trace white to grey siltstone.
7390	7410	Claystone, varicolored; abundant sand grains, white, loose, up to 1 mm. (coarse), angular; trace sandstone, white, medium, subangular, clay filled, tight. No show.
7410	7440	Sandstone, white, medium to coarse, angular, unconsolidated with some clay filling.
7440	7450	As above, with abundant varicolored claystone, browns predominate.
7450	7470	Shale, gray, silty and black; some claystone, grey-green, red and brown; some sandstone, white, medium, angular, clay filled, tight.
7470	7480	Shale, brownish-grey, carbonaceous; some coal; some sandstone, as above.
7480	7490	Claystone, varicolored, greys predominate; trace sandstone, very fine to medium, angular, tight, clay filled.
7490	7510	As above with abundant coal.
7510	7530	Claystone, varicolored, greys and browns predominate; trace siltstone, white; trace sandstone, white, medium, angular, tight, clay filled. No show; trace coal.
7530	7540	Claystone, as above, abundant loose sand grains, medium to coarse, rounded to angular; trace coal.
7540	7550	Claystone, as above; trace sandstone, white, fine to very fine, angular, few loose grains, as above.
7550	7560	Sandstone, white, medium, subangular, clay filled to fair porosity. No show.

7560	7570	As above, with abundant claystone, varicolored.
7570	7580	Sandstone, white, medium to coarse, poorly sorted, subrounded to angular, clayfilled, tight, no show.
7580	7610	Claystone, varicolored, reds thru greys; trace sandstone as above.
7610	7670	Shale, dark grey & dark brownish grey; few varicolors; trace sandstone, white, fine to medium, subangular, clayfilled, no show.
7670	7740	Shale, dark brownish-grey; abundant sandstone, white, very fine to fine, salt and pepper, subangular, tight, clayfilled; trace coal.
7740	7750	Sandstone, white, very fine with scattered loose medium and coarse grains, subrounded to angular; abundant grey & brownish-grey shale.
7750	7760	Shale, varicolored, brownish greys predominate; trace sandstone, white, very fine, subrounded, clay filled.
7760	7800	Shale, varicolored, grey-greens predominate, few reds; trace sandstone as above.
7800	7820	As above except reds predominate.
7820	7840	Shale, dark grey, slightly carbonaceous, and grey-green, some mottled, few reds; some sandstone, white, very fine to medium, poorly sorted, subangular, clay filled, tight; trace coal.
7840	7850	siltstone, grey, abundant, varicolored shale.
7850	7870	Shale, varicolored; trace grey siltstone & white, very fine sandstone, subangular, clayfilled; trace coal.
7870	7880	Shale and siltstone as above.
7880	7890	Shale, varicolored; trace siltstone, white, very fine; and very fine, white, angular sandstone, tight. No show,
7890	7900	As above, with trace sandstone, medium, subrounded, clay filled, tight. No show.
7900	7920	Shale, varicolored, abundant sandstone, white, very fine, subrounded, tight, clayfilled.
7920	7940	Shale, dark brownish-grey, slightly carbonaceous; abundant varicolored shale; trace sandstone, white, very fine, subrounded, clay filled; trace coal.
7940	7950	Coal and shale, dark brownish-grey, few varicolors. Trace sandstone, medium, and fine, angular, clay filled. No show.
7950	7960	Shale, dark brownish - grey, some grey, silty; abundant sandstone, white, very fine to medium, poorly sorted, subangular, tight, no show. some coal.

7960	7970	As above, except trace sandstone.
7970	7990	Coal; sandstone, white, fine to medium, subangular, poorly sorted, clay filled, no show.
7990	8000	As above except slightly less coal.
8000	8080	Shale, varicolored, greys predominate, trace grey siltstone; trace sandstone, fine to medium, subangular to subrounded, clay filled, tight, no show; trace coal.
8080	8110	Sandstone, white, very fine to fine, angular, slightly salt and pepper, clay filled & tight, no show. Some shale, dark brownish-black, carbonaceous; trace coal; trace grey siltstone.
8110	8120	As above, except sandstone becomes subrounded in part with good porosity, no show.
8120	8140	Shale, grey, dark brownish-grey, some grey-greens. Some sandstone, white, fine to very fine, subrounded to subangular, clayfilled, tight, no show.
8140	8170	As above, except trace medium to coarse, tight, angular clayfilled sand. No show.
8170	8200	Shale, light grey and dark brownish grey, abundant grey, siltstone and sandstone, white, fine to medium, subrounded, tight, no show.
8200	8220	Shale, dark brownish-grey, abundant sandstone, white very fine to fine, trace medium, subrounded, clayfilled, tight, no show. Trace coal
8220	8250	As above, except abundant coal.
8250	8280	Shale, dark brownish-grey, grey-green; some sandstone as above; trace grey dense siltstone.
8280	8310	As above, some siltstone, grey, quartzitic; trace large, clear to milky chert fragments.
8310	8320	Shale, dark brownish-grey, some greys and grey-greens; some sandstone, white, very fine to medium; trace coarse, tight, clayfilled, no show; few chert fragments; trace coal.
8320	8450	Shale, as above, and siltstone grading to very fine sandstone, light grey, dense, very slightly carbonaceous, slightly salt and pepper, no show; trace medium, subrounded to subangular clayfilled sandstone; trace coal; trace pyrite; few floating chert grains; very coarse.

8450' to 9500' Samples Lagged.

TOP LEWIS SHALE 8450' Sample Log 8395' (-1845')
Definite increase in shale, dark grey, in 8490' sample.

8450	8600	Shale, medium to dark gray, firm to hard, brittle to soft. Very slightly micaceous; few thin silty streaks.
8600	8620	Shale as above; siltstone, light grey, salt and pepper, calcareous, no drilling break.
8620	8788	Shale, medium to dark gray, soft to hard, slightly micaceous, very slightly silty; occasional trace sandstone, very fine grained to fine grained, S & P, No P & P. No show. Poss thin stringers.
8788	8860	Siltstone, medium grey, salt and pepper, firm to hard, calcareous; some grading to very fine grained sandstone. No P&P. No show. Much bit gouge.
8860	8915	Shale, medium to dark grey, silty, with some siltstone, medium grey, S & P; trace very fine grained sandstone, calcareous.
8915	8955	Sandstone, medium grey, very fine grained to some medium grained, S & P, hard & tite, clay filled to quartzitic in part, large biotite flakes; trace very finely disseminated carbonaceous material. No P & P. No show.
8955	9013	Shale, medium grey, firm, silty, with trace medium grey siltstone, calcareous; and trace sandstone as above.
9013	9155	Shale, medium grey, firm, slightly silty; with siltstone, medium grey, salt and pepper; trace finely disseminated carbonaceous material, calcareous.
9155	9190	Shale, medium grey, silty, firm; with siltstone, medium grey, firm to hard, calcareous & siliceous; trace sandstone, light grey, S & P, fine to medium grained, subangular to angular, clayfilled, very hard and quartzitic.
9190	9250	Shale and siltstone, calcareous, hard, as above; with sandstone, light grey, salt and pepper, fine to medium grained, subangular to angular, hard and tite, quartzitic, some with greenish cast.
9250	9350	Shale, medium to dark grey, firm, minutely micaceous, silty in part; trace siltstone, medium grey; trace sandstone as above.

9350 9468 Shale, medium to dark gray, minutely micaceous, silty in part, firm; trace light grey, soft, bentonitic shale.

9468 9500 Shale, as above, silty; trace siltstone, medium gray, with slight increase in soft bentonitic shale.

Circulated 1½ hrs. for samples and condition hole preparatory to running logs.

TD Driller 9500'
Schlumberger 9508'

DST #1 5025 - 5050' Fort Union Sandstone
Lynes straddle test run after logging.

Flow 1 - 5 min.
SIP 1 - 60 min.
Flow 2 - 120 min.
SIP 2 - 120 min.

Flow #1 - Immediate strong blow - 4" water.
Flow #2 - weak blow 3 to 2" water, died in 20 min.
Recovered 4885' water, muddy at top.

Pressures:

IH - 2565#
FH 2565#
IF 1 1547#
FF 1 Not determinable
SIP 1 2079#
IF 2 1573#
FF 2 2104#
SIP 2 2104#
BHT - 60°F.

Test successful and conclusive.

2" manifold must have been open during flow periods. This could account for the relative weak blows which do not correspond to the recovery.

Fluid resistivity meter inoperative at rig and Bottom hole sampler drained in shop. *Rw. Bottom spl = 8.91 @ 78°F*
Spl. chamb = 6.74 @ 65°F

Sam Neal, Tester.

12-3-72 9370' Trip out with Bit #27. Trip in with mill, tite hole, wash to bottom, mill on junk, trip out with mill, trip in with Bit #28, drilling on junk.

12-4-72 9468' Finally got past junk and drilled to 9468' with Bit #28. Ceased drilling @ 10:15 P.M. 12-3-72, circulated samples and conditioned hole preparatory to logging. Began logging at 6:30 A.M. 12-4-72. First Log stopped @ 9218'. Ran DIL out of hole, finished @ 9:15 A.M. 12-4-72.

12-5-72 9500' Trip out of hole to finish logging. When got out of hole @ 6:00 P.M. 12-4-72, orders to drill to 9500' (32'), then finish logging. Ceased drilling @ 1:30 A.M. 12-5-72. Started logging @ 9:00 A.M. 12-5-72. Finished logging @ 5:00 P.M. 12-5-72.

12-6-72 9500' Waiting on Lynes Tester.

12-7-72 9500' Running DST #1 - Lynes Straddle, 5025-5050'

12-8-72 Received permission to P&A @ 4:00 P.M. 12-7-72. Set following cement plugs.

35 sx - 8450 - 8350'
 35 sx - 6400 - 6300'
 35 sx - 3075 - 2975'
 25 sx - Base surface csg , 1/2 in, 1/2 out.
 5 sx - surface with marker.

DEVIATIONS

160' 3/4°	5090' 1 1/2°	8005' 3/4°
260' 1/2°	5601' 1 3/4°	8257' 3/4°
371' 1/2°	6010 1 1/2°	8366' 3/4°
525' 3/4°	6387' 1 1/2°	8423' 3/4°
2054' 1°	6605' 2°	8658' 3/4°
2954' 1°	6790' 1 3/4°	8860' 1 1/2°
3522' 1 1/4°	7200' 1 3/4°	9210' 2 1/4°
4325' 1 1/4°	7551' 1 3/4°	9363' 2 1/2°

FORMATION TOPS

Wasatch Formation	Surface
Fort Union Formation	2905' (+3645')
Lance Formation	6356' (+ 194')
Lewis Shale	8395' (-1845')

CHRONOLOGICAL HISTORY

Date	Depth	Remarks
11-9-72		Rigging up.
11-10-72	330'	Drilling 12 $\frac{1}{4}$ " surface hole. Spud 11-9-72 7:00 P.M.
11-11-72	525'	Drilled 12 $\frac{1}{4}$ " hole to 525'. Reamed to 15" hole. Ran 17 jts. 10 3/4" casing, landed @ 520', cmt w/512 sxs 2% CaCl. 3/4# flowseal. Plug down @ 6:00 P.M. 11-10-72. Nippling up.
11-12-72	2440'	Drilling 8 3/4" hole.
11-13-72	3522'	Trip for bit. Drilled 8 3/4" hole to 3522'.
11-14-72	4545'	Drilling 7 7/8" hole with Bit #5.
11-15-72	5378'	Drilling with Bit #6.
11-16-72	6010'	Trip bot Bit #8.
11-17-72	6478'	Drilling with Bit #9.
11-18-72	6764'	Drilling with Bit #10.
11-19-72	7014'	Drilling with Bit #12 & Junksub. Lost 1 cone in hole from Bit #11.
11-20-72	7308'	Trip in hole with Bit #14.
11-21-72	7569'	Drilling with Bit #15.
11-22-72	7827'	Drilling with Bit #16.
11-23-72	8077'	Drilling with Bit #17.
11-24-72	8315'	Drilling with Bit #18..
11-25-72	8423'	Trip in hole with Bit #20.
11-26-72	8658'	Trip in hole with Bit #21.
11-27-72	8860'	Trip in hole with Bit #22.
11-28-72	9013'	Trip in hole with Bit #23.
11-29-72	9210'	Trip in hole with Bit #24.
11-30-72	9363'	Trip in hole with Bit #25.
12-1-72	9365'	Hit bridge with Bit #25. Left 3 cones on bottom. Trip in with mill tool. Milled on junk. Trip out with mill tool.
12-2-72	9365'	Trip in with Bit #26 & Junksub. Drilled on junk. Trip out with Bit #26. Trip in with Globe basket, washover junk & pull Globe basket. Trip in with Bit #27. Trying to get by junk.

BIT RECORD

No.	Size	Make	Type	Jets	Depth Out	Feet	Hours	Accrued Hours
1	8 3/4	STC	DS	10-10-10	2054'	1529	12 3/4	
2	8 3/4	HTC	OSC3	10-10-9	2954'	900	10 1/4	23
3	8 3/4	STC	DT	10-10-10	3522'	568'	13 1/2	36 1/2
4	7 7/8	STC	DT	10-10-10	4325'	803	13 1/2	50
5	7 7/8	STC	DT	10-10-10	5090'	765	13 1/2	63 1/2
6	"	STC	DT	10-10-10	5601'	511	13 1/4	76 3/4
7	"	STC	DT	10-10-19	6010'	409	11	87 3/4
8	"	STC	DT	10-10-11	6387'	377	9 1/2	97 1/4
9	"	STC	DG	10-10-12	6605'	218	8	105 1/4
10	"	STC	DG	11-11-11	6790'	185	10 1/2	115 3/4
11	"	HTC	OD4	11-11-11	7004'	214	9	124 3/4
12	"	STC	V2J	12-12-B	7200'	196	9 1/4	134
13	"	STC	DGT	12-12-B	7308'	108	6	140
14	"	STC	V2HJ	12-12-B	7551'	143	13 1/4	153 1/4
15	"	STC	V1J	11-12-B	7770'	219	14 1/4	167 1/2
16	"	STC	V1J	11-11-11	8005'	235	16 1/4	183 3/4
17	"	STC	V1J	11-11-11	8257'	252	16 3/4	200 1/2
18	"	STC	V2H	11-11-11	8366'	109	12	212 1/2
19	"	STC	L4	10-11-11	8423'	57	8	220 1/2
20	"	HTC	OW4	10-11-11	8658'	235	17 1/4	237 3/4
21	"	STC	DGTH	10-11-11	8860'	202	14 3/4	252 1/2
22	"	HTC	OW4	10-11-11	9013'	153	16 3/4	269 1/4
23	"	STC	DGTH	10-10-10	9210'	197	17	286 1/4
24	"	STC	DGTH	10-10-10	9363'	153	14 3/4	301
25	"	STC	DGTH	10-10-10	Hit Bridge, lost 3 cones			
26	"	STC	V2H	13-13-13	Drill on junk			
27	"	STC	V2H	10-10-10	Drill on junk			
28	"	STC	DGT	10-10-10	9468'	105	10	311
29	"	STC	V2H	12-12-12	9500'	32	4 3/4	315 3/4