

COLTON LIMITED LIABILITY COMPANY

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H & C COLTON COMPANY

THE COLTON COMPANY

WELL REPORT

WELL: #6-3 CAMENISCH-UPRR - SE NW SEC 3-4N-66W - WELD COUNTY, CO

<u>DATE</u>	<u>DEPTH</u>	<u>OPERATION</u>
2/12/01	413'	WOC; MIRU Caza Rig #5, spud 6:50 PM 2/11/01; drilled 413' 12 1/4" hole ran 9 jts 8 5/8" csg, 24#; set @ 403' KB w/280 sx neat cmt, 3% CaCl ₂ , 1/4#/sk floseal; 4 bbl returns.
2/13/01	2445'	Drlg; drill plug @ 3:15 PM 2/11/01; mud wgt 8.6 (native); bit #1 Sec. FM 2365.
2/14/01	4921'	Drlg. Mud wt 8.6. Deviations 1° @ 2507, 1 3/4° @ 3554, 1 1/2° @ 4234, 1/2° @ 4735. Bit #1.
2/15/01	6,463'	Drlg. Mudding up; mud wt. 8.6#; two short trips for hole in D.P. Deviations: 1° @ 4,984', 1° @ 5,201', 1 1/4° @ 5,569', 1° @ 5,839'; Bit#1.
2/16/01	7350'	TD. Mud wgt. 8.6, vis. 50; bit #1 finished hole; short trip Niobrara, condition hole; lay down drill pipe; ran PSI Dual Induction, Gamma Ray Density logs; log TD 7348; cut 93 foot fault @ 7210 log depth - Ft. Hays Codell faulted out; TIH open ended; prep set cement plug and directional drill 300' east and 100' south of present TD. MIRU Halco Spot 175 SX.G-Cement @ 17.5#/gal. .93 Yld. PD 7:30 pm.
2/17/01	5570'	TIH, Tag cement 5570'. Drill firm to hard cement to 5798' KO depth. TOOH.
2/18/01	5798'	TIH Directional Tools. Slide Drilling. At KO Hole 75'W, 62'S. Plan Drlg. 300'E.
2/19/01	6,030'	Slide Drlg. Mud wt. 8.6, vis. 36.
2/20/01	6685'	Drill Rotate, Slide; Dev. 20.5°, DIPL. 84, Drlg. Shale; Mud.8.9, Vis.32.
2/21/01	7365'	TD. 3.4°, AZ 82.8; 57'S, 252'E; LD Direct.Tools. Log Tools stop at 5798', Kick off depth. Good Drlg.Brk. Ft Hays & Codell, good samples. Run 183 .Its. 4-1/4" Csg. set @ 7360'.
2/22/01	7365'	TD. Run CCL/GR thru csg. (before cementing); Codell 7228-47 (19' gross); cement 4 1/2", 12.6# LC csg, yellow band, N-80 collars, 7700 psi test, w/420 sx 50-50 posmix, .1% CD-32, .4% FL-25, 2% gel, 32.5 bbl gel spacer, 245sx classG cmt w/15% R-3, 3% KCl, .2% CD-32, .6% FL-25, 35% S-8; displace w/111 bbl wtr, good circ.; PD 3:00 PM, rig release 6:00 PM.
2/23/01	7365'	TD; WOC; wait on battery, pipeline hookup. Will resume report when hooked up.

E W O CONSULTANTS, INC.

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COLTON LIMITED LIABILITY CO.

CAMENISCH UPRR No. 6-3
SE - NW SECTION 3, T4N, R66W
WELD COUNTY, COLORADO

DIRECTIONALLY DRILL, RUN CASING FOR PRODUCTION

FEBRUARY 16, 2001: RTD: 7,350'. PULL AND LAY DOWN DRILL PIPE. MIRU PSI, RUN OPEN HOLE LOGS. LOGGER TD 7348'. FORT HAYS AND CODELL FAULTED OUT. RDMO PSI. PICK UP AND RUN DRILL PIPE TO 6024'. MIRU HALLIBURTON, SET A CEMENT PLUG WITH 175 SACKS CLASS G PREMIUM CEMENT WITH .75% CFR-3 AT 17.5#/GAL. .93 YIELD. DISPLACE CEMENT WITH 73 BBL. DRILLING MUD. PD 7:30 PM. POOH, WOC.

FEBRUARY 17, 2001: 7:30 PM. TAG CEMENT AT 5570'. DRILL FIRM TO HARD CEMENT TO 5798' KICK OFF POINT. CIRCULATE CLEAN, POOH. RUN A 7-7/8" BIT, MUD MOTOR, DIRECTIONAL TOOLS. SURVEY AT 500' INTERVALS. AT KICK OFF POINT: HOLE 1803' FWL AND 2078' FEL. PLAN DRILLING HOLE 300' EAST.

FEBRUARY 18, 2001: 6030' SLIDE AND ROTATE DRILLING.

FEBRUARY 19, 2001: 6268' SLIDE AND ROTATE DRILLING.

FEBRUARY 20, 2001: 6583' 20.5 DEG. AZIMUTH 86.5 DEG. 7074' TRIP FOR BIT. 11.3 DEG. AZIMUTH 86.5 DEG.

FEBRUARY 21, 2001: 7196' 8.9 DEG. AZIMUTH 76.6 DEG. REACH 7365' TD AT 11:50 AM. GOOD DRILLING BREAK THRU FORT HAYS AND 15' CODELL. GOOD SAMPLES. SHORT TRIP, CONDITION HOLE. LAY DOWN DRILL PIPE AND DIRECTIONAL TOOLS. MIRU PSI, RUN OPEN HOLE LOGS. UNABLE TO WORK TOOLS OR 1 TOOL THROUGH KICK OFF POINT AT 5798'. RUN 183 JTS. 4-1/2" OD 8RD. 12.6# LC CASING, SET AT 7360'. GOOD CIRCULATION.

FEBRUARY 22, 2001: MIRU ADI WIRELINE, RUN A CCL/GR LOG IN CASING FROM 7330' TO 5760'. PICK CODELL FROM 7228' THRU 7236'. MIRU BJ SERVICES. CEMENT CASING. PUMP 10 BBL. CLAY TREAT WATER AND 10 BBL. MUD CLEAN-2. 420 SX 50-50 POZMIX, .1% CD-32, .4% FL-25, 2% GEL AT 14.2#/GAL., 1.26 YIELD. 32.5 BBL. GEL SPACER; 245 SX CLASS G CEMENT W/ 15% R-3, 3%KCL, .2% CD-32, .6% FL-25, 35% S-8 AT 15.8#/GAL. 1.54 YIELD. DISPLACE WITH 111 BBL. WATER. PLUG DOWN AT 3:00 PM. GOOD CIRCULATION.

CASING DETAIL

1.50'	4-1/2" OD 8RD DAVIS LYNCH AUTO FILL FLOAT SHOE.
14.50'	1 JT. 4-1/2" OD 8RD 11.6# N-80 CASING.
7,331.01'	182 JTS. 4-1/2" OD 8RD 12.6# LC CASING, YELLOW BAND, N-80 COLLARS, 7700 TEST.
7,349.21'	
11.00'	KB CORRECTION.
7,360.21'	CASING SETTING DEPTH.