

OIL CONSERVATION DIVISION

API 30-045-11834

1000 Rio Brazos Road
Aztec, New Mexico

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 4/25/2006 Operator Burlington Resources Oil & Gas

Lease Name GE-ELE-GU-LITH-E Well No 2 Location: U L Sec. 07 Twp. 026N Rge. 008W

Pressure (Flowing) Dwt Tubing 142 Intermediate Casing 150 Bradenhead 18

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH.

TIME:	PRESSURES:		BRADENHEAD FLOWED:	INTERMEDIATE FLOWED:
	INTERMEDIATE	CASING		
5 Min.		150	Steady Flow <u>X</u>	
10 Min.		150	Surges	
15 Min.		150	Down to Nothing	
20 Min.		150	Nothing	
25 Min.		150	Gas	
30 Min.		150	Gas & Water	
			Water <u>X</u>	

If Bradenhead flowed water, check description below:

Clear X
Fresh
Salty
Sulfur
Black

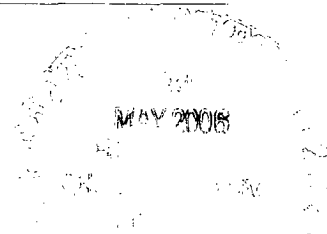
Remarks:
Ending: BH Press.: 5 Interm. Press.
Bradenhead flowed continus water, pressure fell
to 5psi at end of test. Water slowed down to 1/2
stream. ? O₂ H₂O

By MARTY DEHERRERA 405
Lease Operator
Position

Witness

DPNO: 5162001

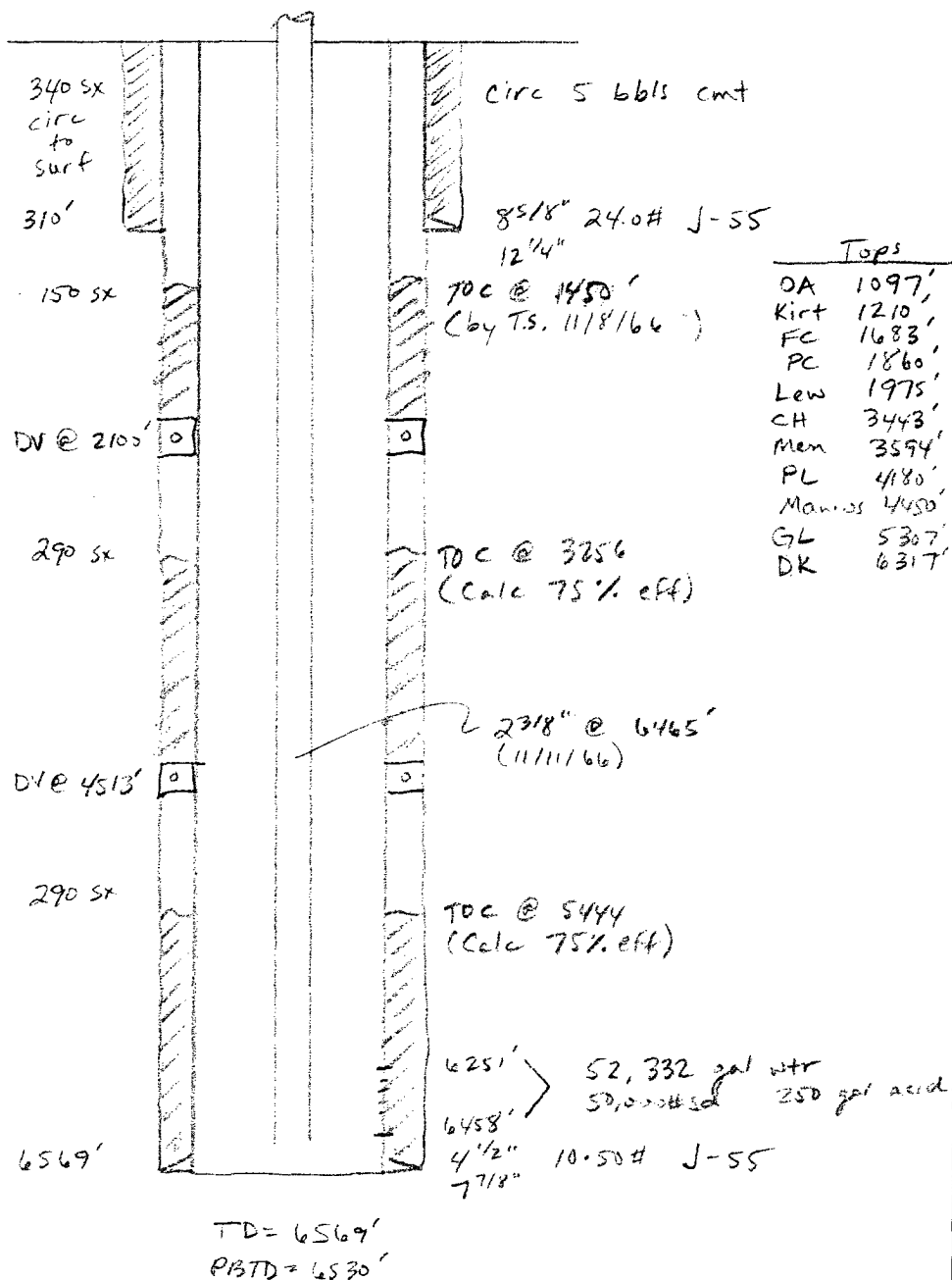
Toc = 1450 - TS



Ge-Elc-Gru-Lith-E 2
 Sec 7 26N 8W Unit L

Spud 10/25/66
 Completed 11/29/66

DK



Burlington Resources

County: San Juan
State: NM
Sampled at: Braden Head
Date: April 24, 2006
H & M Precision

Water Analysis Report

Field: Jim Kennedy
Location: Ge-ele-glith-e 2
Formation:
Depth: 0

Sum +	mg/L	meq/L
Potassium	0	0
Sodium	579.8	25.22
Calcium	10	0.5
Magnesium	7.1	0.58
Iron	1.2	0.06
Barium	0	0
Strontium	0	0
CATIONS	598.1	26.36

Analysis
Balanced

System Parameters

Sum -	mg/L	meq/L
Sulfate	30	0.62
Chloride	900	25.39
Carbonate	0	0
Bicarbonat	50	0.82
Hydroxide	0	0
-	0	0
-	0	0
ANIONS	980	26.83

Total Dissolved Solids @180C
Sample Temperature, 'F
Sample pH, standard units
Dissolved Oxygen
Carbon Dioxide
Total Sulfide, (TS)
Sulfide Ion, (S)
Dissolved Hydrogen Sulfide, (TS-S)

1578.1 mg/L
70 F
9.1 Units
0 ppm
0 mg/L
0 mg/L
0 mg/L
0 mg/L

Specific Gravity
Resistivity, measured
Ionic strength
Sulfate Reducing Bacteria
Aerobic Bacteria

1.0014
0 ohm/m^3
0.027
nd
nd

Scaling Tendency

CACO3		
Temp F	Stiff Davis Index	A index
32	-0.32	-6.321792
50	-0.11	-1.821015
68	0.1	1.429374
77	0.2	2.69457
86	0.3	3.753129
104	0.5	5.376525
122	0.7	6.484715
140	0.89	7.236106
158	1.07	7.736552
176	1.25	8.070376

CASO4				
Temp F	Actual	SOLUBILITY	S	A Index
50	0.499006	25.03518	-24.53617	-584.8195
68	0.499006	25.81979	-25.32078	-603.5207
86	0.499006	26.58131	-26.0823	-621.6715
104	0.499006	26.93176	-26.43276	-630.0246
122	0.499006	26.8872	-26.38819	-628.9625
140	0.499006	25.88989	-25.39089	-605.1916
158	0.499006	24.85269	-24.35369	-580.4701
176	0.499006	23.7704	-23.2714	-554.6736

BASO4 SCALE POSSIBLE

NO

Water Analysis Pattern

NOTE: Stiff Davis Index

- indicates undersaturation. Scale formation negative.
- 0 indicates the water is at saturation point. Scale unlikely.
- + indicates supersaturation. A positive scaling condition exists.

NOTE: Skillman Method Calcium Sulfate 'S Index'

- indicates undersaturation. Scale formation negative.
- 0 indicates the water is at saturation point. Scale unlikely.
- + indicates supersaturation. A positive scaling condition exists.

NOTE: A Index; worst possible case. Assumes 100% precipitation.

- Units = pounds of scale produced / 1000 bbls. of water.
- A Index =< 0 Scale formation negative.
- A Index > 0 Scale formation positive.

