

August 24, 2005

Mrs. Diana Whitney
State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Liberty Pioneer Energy Source
Christensen #6-6
2,001' FNL, 2,012 FWL, SE/4 NW/4, Section 6, T16S, R3E, SLB&M, Sanpete County, Utah

Dear Mrs. Whitney:

On behalf of Liberty Pioneer Energy Source (Liberty Pioneer), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced fee well. Included with the APD is the following supplemental information:

- Exhibit "A" - Survey plat , layout and cross-sections of the proposed well site;
- Exhibit "B" - Proposed location map with access corridor;
- Exhibit "C" - Drilling Program
- Exhibit "D" - Surface Use Plan
- Exhibit "E" - Christensen Surface Use Agreement

Please accept this letter as Liberty Pioneer's written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Daniel R. Gunnell of Liberty Pioneer at 801-224-4771 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Liberty Pioneer

cc: Lee Holmstead, Sanpete County
Daniel R. Gunnell , Liberty Pioneer

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5. MINERAL LEASE NO: Patented	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: Liberty Pioneer Energy Source			9. WELL NAME and NUMBER: Christensen #6-6	
3. ADDRESS OF OPERATOR: 1527 N Tech Way, C 23 CITY Orem STATE UT ZIP 84097			PHONE NUMBER: (801) 224-4771	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2,001' FNL, 2,012 FWL, 445765X 39.455157 AT PROPOSED PRODUCING ZONE: 2,001' FNL, 2,012 FWL, 4367269Y -111.630367			10. FIELD AND POOL, OR WILDCAT: Wildcat	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1.6 miles south of Wales, Utah			12. COUNTY: Sanpete	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1,600'	16. NUMBER OF ACRES IN LEASE: 447.18	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) None	19. PROPOSED DEPTH: 4,898	20. BOND DESCRIPTION: pending		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5503.6'	22. APPROXIMATE DATE WORK WILL START: 9/15/2005	23. ESTIMATED DURATION: 45 days		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12"	8-5/8" J-55 24#	800	see Drilling Plan
7-7/8"	5-1/2" N-80 17#	4,898	see Drilling Plan
			well to be Plugged
			back to 4,000'

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

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NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Liberty Pioneer

SIGNATURE Don Hamilton DATE 8/24/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-039-30026

(11/2001)

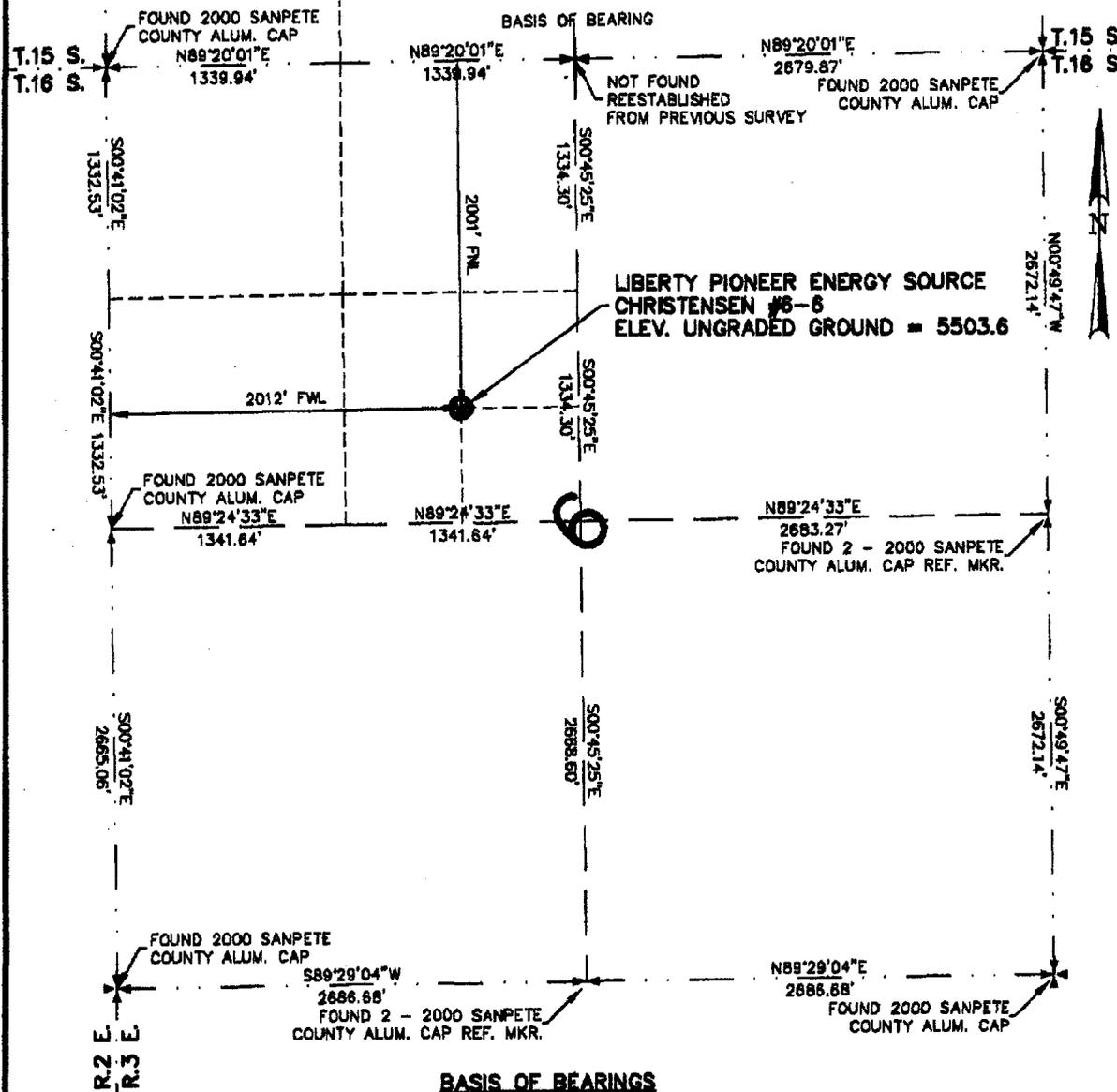
Approved by the
Utah Division of
Oil, Gas and Mining

Date: 11-01-05
(See Instructions on Reverse Side)

By: [Signature]

RECEIVED
AUG 29 2005
DIV. OF OIL, GAS & MINING

Section 6, T.16 S., R.3 E., S.L.B. & M.



**LIBERTY PIONEER ENERGY SOURCE
CHRISTENSEN #6-6
ELEV. UNGRADED GROUND = 5503.6**

PROJECT Liberty Pioneer Energy Source

WELL LOCATION, LOCATED AS SHOWN IN THE S.E. 1/4 OF THE N.W. 1/4 OF SECTION 6, T.16 S., R.3 E., S.L.B. & M. SANPETE COUNTY, UTAH

- LEGEND**
- = PROPOSED WELL HEAD
 - ⊕ = SECTION CORNERS LOCATED
 - ⊕ = QUARTER SECTION CORNERS LOCATED
 - ⊕ = SECTION CORNERS NOT LOCATED
 - ⊕ = QUARTER SECTION CORNERS NOT LOCATED

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE LIBERTY PIONEER ENERGY SOURCE CHRISTENSEN #6-6 LOCATION. LOCATED IN THE S.E. 1/4 OF THE N.W. 1/4 OF SECTION 6, T.16 S., R.3 E., S.L.B. & M., SANPETE COUNTY.

BASIS OF ELEVATION

ELEVATION BASED ON THE NORTHWEST CORNER OF SECTION 6, T.16 S., R.3 E., S.L.B. & M. WHICH IS A SANPETE COUNTY ALUM. CAP WITH AN ELEVATION OF 5582.40



CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL SURVEYOR
No. 343509
TREVOR R. DADD, L.S. #343639
DATE 08/16/05
STATE OF UTAH

BASIS OF BEARINGS
BASIS OF BEARING USED WAS N89°20'01"E BETWEEN THE NORTHWEST CORNER AND THE NORTHEAST CORNER OF SECTION 6, T.16 S., R.3 E., S.L.B. & M.
LATITUDE = 39°27'18.6295" (39.45517486) NAD83
LONGITUDE = -111°37'51.8722" (-111.63107561) NAD83

Jones & Dadd Engineering
1535 South 100 West - Richfield, Utah 84701
Phone (435) 896-8288
Fax (435) 896-8288
www.jonesanddadd.com

Well Location Plat for
Liberty Pioneer Energy Source

DESIGNED D.H.R.	SURVEYED W.H.H.	CHECKED T.R.G.	DRAWN T.R.G.	PROJECT NO. 0507-004	SHEET NO. 1
DATE 08/10/2005	DRAWN/NAME WELL.LOC		SCALE 1"=1000'		

DRILLING PROGRAM

OPERATOR: LIBERTY PIONEER ENERGY SOURCE
LEASE NAME: CHRISTENSEN # 6-6
LEASE NUMBER: FEE
LOCATION: 2001.00' FNL - 2012.16' FWL: SE/4 NW/4 SECTION 6 - T16S - R3E, SLB&M, SANPETE COUNTY, UT.

IF THE WELL IS UNPRODUCTIVE / NON-COMMERCIAL IT WILL BE PLUGGED ACCORDING TO STATE OF UTAH REQUIREMENTS, AND THE SURFACE WILL BE RESTORED ACCORDING TO LAND OWNERS REQUIRMENTS.

1. ESTIMATED TOPS OF GEOLOGIC MARKER:

THE ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS ARE AS FOLLOWS:

<u>FORMATION</u>	<u>DEPTH (FT)</u>	<u>SUBSEA (FT)</u>
VALLEY FILL	0 - 100	
GREEN RIVER	100 - 340	
COLTON	340 - 720	
FLAGSTAFF	720 - 938	
NORTHHORN	938 -1800	
SANPITCH	1800-2056	
MORRISON	2056-2832	
SUMMERVILLE	2832-3186	
CURTIS	3186-3498	
ENTRADA	3498-4448	
CARMEL	4448-4898	
PLUG BACK T.D.	4000	

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS, WATER, OR OTHER MINERAL BEARING ZONES

<u>SUBSTANCE</u>	<u>FORMATION</u>	<u>DEPTH (FT)</u>
WATER, OIL	SANPITCH	1800 - 2056
WATER, OIL	CURTIS	3186 - 3498
WATER, OIL	ENTRADA	3498 - 4448
OTHER MINERALS	N/A	

ALL FRESH WATER AND PROSPECTIVLEY VALUABLE MINERALS ENCOUNTERED DURNING DRILLING, WILL BE RECORDED BY DEPTH AND ADEQUATLEY PROTECTED. ALL OIL AND GAS SHOWS WILL BE TESTED TO DETERMINE COMMERCIAL POTENTIAL.

ALL WATER SHOWS AND WATER - BEARING SANDS WILL BE REPORTED TO THE STATE OF UTAH, ON FORM OGC-8-X.

3. CASING PROGRAM

THE PROPOSED CAING PROGRAM WILL BE AS FOLLOWS:

<u>PROPSE</u>	<u>DEPTH(FT.)</u>	<u>HOLE(IN.)</u>	<u>O.D. (IN.)</u>	<u>WEIGHT (#/FT)</u>	<u>GRADE</u>
SURFACE	0 - 800	12	8-5/8	24	J-55
PRODUC.	0 - 4000	7-7/8	5-1/2	17	N-80

4. CEMENT PROGRAM

THE CEMENT PROGRAM WILL BE AS FOLLOWS:

SURFACE TYPE AND AMOUNT

0 – 800' CEMENT TO SURFACE WITH:
LEAD: 274 SKS OF 50:50 CLASS "G" CEMENT POZ, 10% CAL-SEAL, 1% CALCIUM CHLORIDE AND 0.25 LBS/SK LCM
SLURRY YIELD: 1.25 CUBIC FEET/SACK
SLURRY WEIGHT: 14.50 LB/GAL

TAIL: 96 SKS OF CLASS "G" CEMENT, 2% CALCIUM CHLORIDE, 0.25 LCM
SLURRY YIELD: 1.19 CUBIC FEET/SACK
SLURRY WEIGHT: 15.60 LB/GAL

SHOE: 21 SKS OF CLASS "G" CEMENT, 2% CALCIUM CHLORIDE, 0.25 LCM
SLURRY YIELD: 1.19 CUBIC FEET/SACK
SLURRY WEIGHT: 15.60 LB/GAL

PRODUCTION TYPE AND AMOUNT

0 – 4000' CEMENT TO SURFACE WITH:
350 SKS OF CEMENT TO 1500 FEET PREMIUM PRODUCTION CLASS "G" 3% CFR, 0.25 LBS/SK LCM, 5% HALAD, 2% GEL, 2% MICRBOND, 0.2% SUPER GEL

SLURRY YIELD: 1.44 CUBIC FEET/SACK

SLURRY WEIGHT: 14.50 LBS/GAL.

FILL HOLE FROM TD ($\pm 4898'$) TO PBD ($\pm 4000'$) WITH CEMENT

5. DRILLING FLUIDS

ALL WATER WILL BE PURCHASED FROM THE CITY OF WALES, UTAH OR FROM THE LAND OWNER.

THE PROPOSED CIRCULATING MEDIUMS TO BE EMPLOYED IN DRILLING ARE AS FOLLOWS:

<u>INTERVAL</u>	<u>MUD TYPE</u>	<u>MUD WT. (PPG)</u>	<u>FLUID LOSS</u>	<u>VISC.</u>
0 – 1500'	FRESH WATER GEL	8.6 – 9.0	NATURAL	30-45
1500' – 2500'	LSND	8.7 – 9.0	10 -12 CC'S	34-40
2500' – 4896'	3% KCL	8.7 – 9.2	10 CC/LESS	34-50

6. TESTING, LOGGING AND CORING

THE ANTICIPATED TYPE AND AMOUNT OF TESTING, LOGGING AND CORING ARE AS FOLLOWS:

- A. TWO DRILL STEM TESTS ARE PLANNED; ONE IN THE SANPITCH AT 2000 FEET AND ONE IN THE CURTIS AT 3186 FEET.
- B. THE LOGGING PROGRAM WILL CONSIST OF A SP-HRIL-DEN-NEU-GR-BOREHOLE COMP LOG WILL BE RUN FROM T.D. TO SURFACE.
- C. NO CORES ARE PLANNED

7. **SPUD DATE/DRILLING TIME**

- A. DRILLING IS PLANNED TO COMENCE UPON APPROVAL OF THE APD. THE ESTIMATED SPUD DATE IS **JULY 25, 2005**. DRILLING WILL CONTINUE AFTER SPUDDING UNTIL T.D. IS REACHED.
- B. IT IS ATICIPATED THAT DRILLING WILL TAKE APPROXIMATELY 45 DAYS.

8. **ROAD USE / WATER SOURCE**

- A. ALL ACCESS IS LOCATED ON STATE, COUNTY OR PRIVATE ROADS.
- B. AT THE REQUEST OF THE SURFACE OWNER, ANY ACCESS ROADS CONSTRUCTED ON PRIVATE LANDS WILL BE LEFT AFTER THE DRILLING OF THE WELL, AND WILL NOT BE RECLAIMED IF THE WELL ECONOMICALLY PRODUCES OIL OR GAS. IF THE WELL IS NOT PORDUCTIVE, THE WELL PAD AND ACCESS ROAD WILL BE RECLAIMED TO ITS ORIGINAL CONDITION.
- C. WATER FOR DRILLING WILL BE PURCHASED FROM THE CITY OF WALES, UTAH OR OBTAINED FROM A LOCAL WATER HAULER, WHO WILL OBTAIN IT FROM LOCAL SOURCES.

9. **BOP EQUIPMENT**

BOP MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL EQUIPMENT ARE AS FOLLOWS:

RAM TYPE: 11" HYDRAULIC DOUBLE, 5000 PSI W.P.

RAM TYPE PREVENTERS AND ASSOCIATED EQUIPMENT SHALL BE TESTED TO APPROVED STACK WORKING PRESSURE IF ISOLATED BY TEST PLUG OR 70 PERCENT OF INTERNAL YIELD PRESSURE OF CASING. PRESSURE SHALL BE MAINTAINED FOR AT LEAST 10 MINUTES OR UNTIL REQUIRMENTS OF TEST ARE MET, WHICHEVER IS LONGER. IF A TEST PLUG IS UTILIZED, NO BLEED-OFF PRESSURE IS ACCEPTABLE. FOR A TEST NOT UTILIZING A TEST PLUG, IF A DECLINE IN PRESSURE OF MORE THAN 10 PERCENT IN 30 MINUTES OCCURS, THE TEST SHALL BE CONSIDERED TO HAVE FAILED. A VALVE ON THE CASING HEAD BELOW TEST PLUG SHALL BE OPEN DURING THE BOP STACK TEST.

AS A MINNIMUM, THE ABOVE TEST SHALL BE PERFORMED:

- A. WHEN INTIALLY INSTALLED
- B. WHENEVER ANY SEAL SUBJECT TO TEST PRESSURE IS BROKEN
- C. FOLLOWING RELEATED REPAIRS
- D. AT 30 DAY INTERVALS

VALVES SHALL BE TESTED FROM WORKING PRESSURE SIDE DURING BOPE TESTS WITH ALL DOWNSTREAM VALVES OPEN.

WHEN TESTING THE KILL LINE VALVE(S), THE CHECK VALVE SHALL BE HELD OPEN OR THE BALL REMOVED.

PIPE AND BLIND RAMS SHALL BE ACTIVATED EACH TRIP, HOWEVER, THIS FUNCTION NEED NOT BE PERFORMED MORE THAN ONCE A DAY.

A BOPE PIT LEVEL DRILL SHALL BE CONDUCTED WEEKLY FOR EACH DRILLING CREW.

PRESSURE TESTS SHALL APPLY TO ALL RELATED WELLCONTROL EQUIPMENT.

ALL OF THE ABOVE DESCRIBED TESTS AND/OR DRILLS SHALL BE RECORDED IN THE DRILLING LOG. TEST CHARTS, WITH INDIVIDUAL TEST RESULTS IDENTIFIED SHALL BE MAINTAINED ON LOCATION WHILE

DRILLING AND SHALL BE MADE AVAILABLE TO A STATE OR BLM REPRESENTATIVE UPON REQUEST. PRESSURE TESTS SHALL APPLY TO ALL RELATED WELL CONTROL EQUIPMENT.

BOP SYSTEMS SHALL BE CONSISTENT WITH API RP53. PRESSURE TESTS WILL BE CONDUCTED BEFORE DRILLING OUT FROM UNDER CASING STRINGS WHICH HAVE BEEN SET AND CEMENTED IN PLACE. BLOWOUT PREVENTOR CONTROLS WILL BE INSTALLED PRIOR TO DRILLING THE SURFACE CASING PLUG AND WILL REMAIN IN USE UNTIL THE WELL IS COMPLETED OR ABANDONED. PREVENTERS WILL BE INSPECTED AND OPERATED AT LEAST DAILY TO ENSURE GOOD MECHANICAL WORKING ORDER, AND THIS INSPECTION WILL BE RECORDED ON THE DAILY DRILLING REPORT. PREVENTERS WILL BE PRESSURE TESTED BEFORE DRILLING CASING CEMENT PLUGS.

- A. THE SIZE AND RATING OF THE BOP STACK IS SHOWN ON THE ATTACHED DIAGRAM. THE RIG CHOSEN TO DRILL THIS WELL IS EQUIPED WITH AN **11" - 5000PSI** WORKING PRESSURE BLOWOUT PREVENTER. IF THE RIG'S BOP FAILS THE ABOVE TESTING PROCEDURES A BOP WILL BE LEASED FROM A SERVICE COMPANY THAT WILL BENCH TEST THE BOP STACK PRIOR TO SHIPPING IT TO THE DRILLING LOCATION. THE RENTED BOP WILL THEN BE SUBJECTED TO THE ABOVE TESTING PROCEDURES.
- B. A CHOKE LINE AND A KILL LINE ARE TO BE PROPERLY INSTALLED. "THE KILL LINE IS NOT TO BE USED AS A FILL UP LINE."
- C. THE ACCUMULATOR SYSTEM SHALL HAVE A PRESSURE CAPACITY TO PROVIDE FOR REPEATED OPERATION OF HYDRAULIC PREVENTORS.
- D. DRILL STRING SAFETY VALVES, TO FIT ALL TOOLS IN THE DRILL STRING ARE TO BE MAINTAINED ON THE RIG FLOOR WHILE DRILLING OPERATIONS ARE IN PROGRESS.

10. ABNORMAL PRESSURES AND H²S GAS

- A. NO ABNORMAL CONDITIONS ARE ANTICIPATED: FORMATION IS SLIGHTLY OVER-PRESSURED. THE ESTIMATED BOTTOM-HOLE PRESSURE IS 1000 PSI. NO ABNORMAL TEMPERATURES ARE ANTICIPATED.
- B. NO HYDROGEN SULFIDE GAS IS ANTICIPATED, HOWEVER, WIND DIRECTION FLAGGING WILL BE USED TO DETERMINE CURRENT WIND DIRECTION.

11. SURFACE OWNERSHIP

THE SURFACE OWNER FOR THIS DRILLSITE IS:

Richard Christensen
120 West Center Street
Ephraim, UT 84627

12. LESSEE'S OR OPERATORS REPRESENTATIVE

PERMIT MATTERS

Daniel R. Gunnell

Liberty Pioneer Energy Source
1527 North Technology Way
Building C, Suite 2300
Orem, UT 84097

DRILLING AND COMPLETIONS MATTERS

Daniel R. Gunnell

Liberty Pioneer Energy Source.
1527 North Technology Way
Building C, Suite 2300
Orem, UT 84097

CONFIDENTIAL

THIRTEEN POINT SURFACE USE PLAN

OPERATOR: LIBERTY PIONEER ENERGY SOURCE
LEASE NAME: CHRISTENSEN # 6-6
LEASE NUMBER: FEE
LOCATION: 2001.11' FNL - 2012.16' FWL SECTION 6 – T16S – R3E, SLB&M, SANPETE COUNTY, UT.

1. EXISTING ROADS

- A. THE PROPOSED WELL SITE IS LOCATED APPROXIMATELY 1.6 MILES SOUTH OF WALES, UT.
- B. DIRECTIONS FROM WALES, UT ARE AS FOLLOWS: STARTING FROM THE SOUTH END OF WALES ON 200 WEST, WHERE THE ASPHALT ROAD ENDS PROCEED SOUTH 1.6 MILES ON THE WEST SIDE ROAD. TURN LEFT AT THE GATE AND PROCEED 0.4 MILES TO LOCATION.

THE ALTERNATIVE ROUTE: FROM JUNCTION 132 IN CHESTER, UT WHERE HIGHWAY 132 INTERSECTS HIGHWAY 117 PROCEED WEST ON HIGHWAY 117, 3.8 MILES. TURN LEFT ONTO THE WEST SIDE ROAD, A GRAVEL ROAD. TURN RIGHT AND TRAVEL 1.3 MILES, AT THE GATE TURN LEFT ONTO THE WELL SITE ACCESS ROAD. TRAVEL 0.4 MILES TO LOCATION.
- C. NO MINOR IMPROVEMENTS, GRADING ETC. WILL BE NECESSARY ON EXISTING ACCESS ROAD.
- D. THE EXISTING ACCESS ROAD WILL BE MAINTAINED IN GOOD REPAIR DURING ALL DRILLING AND COMPLETION OPERATIONS ASSOCIATED WITH THIS WELL.
- E. EXISTING ROADS AND THE EXISTING ACCESS ROAD UNDER THE JURISDICTION OF ANY SURFACE MANAGING AGENCY SHALL BE MAINTAINED IN ACCORDANCE WITH THE STANDARDS OF S.M.A.
- F. A SURFACE USE AGREEMENT WITH RICHARD CHRISTENSEN, SURFACE OWNER, HAS BEEN NEGOTIATED FOR RIGHT OF WAY USE AND THE EXISTING ACCESS ROAD.

2. PLANNED ACCESS ROAD

- A. APPROXIMATELY 2000 FEET OF ACCESS ROAD ON FEE GROUND IS PLANNED FOR THE SUBJECT WELL. THE ROAD WILL BE FLATBLADED WITH A RUNNING SURFACE WIDTH OF APPROXIMATELY 14 FEET. IF NECESSARY APPROPRIATE WATER CONTROL CULVERTS WILL BE INSTALLED TO CONTROL EROSION. CONSTRUCTION WILL NOT CHANGE THE EXISTING DRAINAGE. 1.5 FEET OF ADDITIONAL DIRT WILL BE LAYED OVER ALL UNDER GROUND WATER SUPPLY AND GAS SUPPLY LINES CROSSING THE ACCESS ROAD.
- B. THE ROAD WILL BE UPGRADED AND MAINTAINED AS REQUIRED BY THE S.M.A.
- C. MAXIMUM GRADE WILL BE 4%
- D. TURNOUTS WILL BE CONSTRUCTED AS REQUIRED BY S.M.A.
- E. LOW WATER CROSSINGS WILL BE INSTALLED ALONG THE ACCESS WHERE NEEDED
- F. SURFACING MATERIAL WILL BE DEPENDENT UPON S.M.A. REQUIREMENTS
- G. GATES WILL BE INSTALLED AS NECESSARY, AS PER SURFACE USE AGREEMENT WITH SURFACE OWNER

- H. SURFACE DISTURBANCE AND VEHICULAR TRAVEL WILL BE LIMITED TO THE APPROVED LOCATION AND APPROVED ACCESS ROUTE. ANY ADDITIONAL AREA NEEDED WILL BE APPROVED IN ADVANCE.

3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION

- A. WATER WELLS: NONE
- B. INJECTION WELLS: NONE
- C. PRODUCING WELLS: NONE
- D. DRILLING WELLS: NONE

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES

- A. ALL PERMANENT STRUCTURES (ONSITE FOR SIX MONTHS OR LONGER) CONSTRUCTED OR INSTALLED (INCLUDING OIL WELL PUMP JACKS) WILL BE PAINTED A NEUTRAL COLOR TO BLEND WITH THE SURROUNDING ENVIRONMENT. FACILITIES REQUIRED TO COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) WILL BE EXCLUDED.
- B. IF STORAGE FACILITIES/TANK BATTERIES ARE CONSTRUCTED ON THIS LEASE, THE FACILITY/BATTERY OR WELLPAD SHALL BE SURROUNDED BY A CONTAINMENT DIKE. THIS CONTAINMENT DIKE WILL BE OF SUFFICIENT CAPACITY TO CONTAIN AT A MINIMUM, ONE AND ONE-HALF TIMES THE ENTIRE CONTENTS OF THE LARGEST TANK WITHIN THE FACILITY/BATTERY, UNLESS MORE STRINGENT PROTECTIVE REQUIREMENTS ARE DEEMED NECESSARY AND APPROPRIATE BY THE AUTHORIZED OFFICER.
- C. ALL LOADING LINES WILL BE PLACED INSIDE THE BERM SURROUNDING THE TANK BATTERY.
- D. GAS MEASUREMENT DEVICES WILL BE LOCATED IN ACCORDANCE WITH THE REGULATORY BODY.
- E. ALL METER MEASUREMENT FACILITIES WILL CONFORM WITH ONSHORE OIL AND GAS ORDER NO. 4 FOR LIQUID HYDROCARBONS AND ONSHORE OIL AND GAS ORDER NO. 5 FOR NATURAL GAS MEASUREMENT.
- F. A SUNDRY NOTICE WILL BE SUBMITTED SHOWING PLACEMENT OF ALL PRODUCTION FACILITIES PRIOR TO CONSTRUCTION.
- G. ALL NECESSARY PITS WILL BE PROPERLY FENCED TO PREVENT ANY DOMESTIC ANIMALS OR WILDLIFE ENTRY.
- H. ALL SITE SECURITY GUIDELINES IDENTIFIED IN 43 CFR 3162.7 WILL BE ADHERED TO
- I. ALL OFF-LEASE STORAGE, OFF LEASE MEASUREMENT, OR COMINGLING ON-LEASE OR OFF-LEASE WILL HAVE PRIOR WRITTEN APPROVAL FROM THE AUTHORIZED OFFICER AND LAND OWNER.
- J. ALL ACCESS ROADS WILL BE MAINTAINED AS NECESSARY TO PREVENT EROSION AND ACCOMMODATE YEAR-ROUND TRAFFIC.
- K. THE ROAD WILL BE MAINTAINED IN A SAFE USEABLE CONDITION.
- L. WATER PRODUCED DURING THE TEST PHASE OF THIS WELL WILL BE STORED IN STORAGE TANKS ON LOCATION AND HAULED TO AN APPROVED DISPOSAL SITE. IF THE PROJECT IS VIABLE BASED ON TEST RESULTS, A DISPOSAL METHOD WILL BE SUBMITTED.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. ALL WATER REQUIRED FOR DRILLING PURPOSES WILL BE OBTAINED FROM A LOCAL SOURCE.
- B. WATER WILL BE HAULED TO THE LOCATION OVER THE ACCESS ROAD MARKED ON ATTACHED MAPS.
- C. NO WATER WELL IS TO BE DRILLED ON THIS LEASE, WITHOUT PROPER APPROVAL OF DIVISION OF WATER RIGHTS.
- D. ALL APPROPRIATE PERMITS WILL BE FILED WITH THE DIVISION OF WATER RIGHTS.

6. SOURCES OF CONSTRUCTION MATERIAL

- A. SURFACE AND SUBSOIL MATERIALS IN THE IMMEDIATE AREA WILL BE UTILIZED.
- B. ANY GRAVEL USED WILL BE OBTAINED FROM A COMERCIAL SOURCE.

7. METHOD OF HANDLING WASTE DISPOSAL

- A. THE PROPOSED WELL WILL BE DRILLED WITH MUD, THEREFORE A RESERVE PIT WILL BE NECESSARY. THE RESERVE PIT WILL BE CONSTRUCTED SO AS NOT TO LEAK, BREAK, OR ALLOW DISCHARGE. THE RESERVE PIT WILL BE LINED IF DETERMINED NECESSARY AT THE TIME OF CONSTRUCTION.
- B. THE PIT SHALL BE LINED. A PLASTIC NYLON REINFORCED LINER WILL BE USED. IT WILL BE A MINIMUM OF 12 MIL THICKNESS WITH SUFFICIENT BEDDING (EITHER STRAW OR DIRT) TO COVER ANY ROCKS. THE LINER WILL OVERLAP THE PIT WALLS AND BE COVERED WITH DIRT AND / OR ROCKS TO HOLD IT IN PLACE. NO TRASH, SCRAP PIPE, ETC. THAT COULD PUNCTURE THE LINER WILL BE DISPOSED OF IN THE PIT.
- C. ALL TRASH WILL BE CONTAINED IN A TRASH CAGE. ITS CONTENTS REMOVED PERIODICALLY AND AT THE END OF DRILLING OPERATIONS AND HAULED TO AN APPROVED DISPOSAL SITE.
- D. AFTER FIRST PRODUCTION, PRODUCED WATER WILL BE CONFINED TO A STORAGE TANK FOR A PERIOD NOT TO EXCEED NINETY (90) DAYS. DURING THE 90-DAY PERIOD, IN ACCORDANCE WITH ONSHORE ORDER NO. 7 AN APPLICATION FOR APPROVAL OF A PERMANENT DISPOSAL METHOD AND LOCATION, ALONG WITH THE REQUIRED WATER ANALYSIS, WILL BE SUBMITTED FOR APPROVAL.
- E. IF THE WELL IS COMMERCIAL DRILL CUTTING ARE TO BE CONTAINED AND BURIED IN THE RESERVE PIT. IF THE WELL IS PLUGGED AND ABANDONED THE DRILLCUTTINGS WILL BE HAULED TO AN APPROVED DISPOSAL SITE.
- F. ANY SALTS AND/OR CHEMICALS WHICH ARE AN INTEGRAL PART FO THE DRILLING SYSTEM, WILL BE DISPOSED OF IN THE SAME MANNER AS THE DRILLING FLUID.
- G. SEWAGE WILL BE PLACED IN A PORTABLE CHEMICAL TOILET OR HOLDING TANK AND DISPOSED OF IN ACCORDANCE WITH STATE AND COUNTY REGULATIONS.
- H. THE PRODUCED FLUIDS WILL BE PRODUCED INTO A TEST TANK UNTIL SUCH TIME AS CONSTRUCTION OF PRODUCTION FACILITIES IS COMPLETED. ANY SPILLS OF OIL, GAS, SALT-WATER OR OTHER PRODUCED FLUIDS WILL BE PROMPTLY CLEANED UP.

8. ANCILLARY FACILITIES

- A. THERE ARE NO AIRSTRIPS, CAMPS, OR OTHER FACILITIES PLANNED DURING THE DRILLING OF THE PROPOSED WELL.

9. WELL SITE LAYOUT

- A. THE RESERVE PIT WILL BE LOCATED ON THE EAST SIDE OF THE LOCATION.
- B. THE STOCKPILED TOPSOIL (FIRST SIX INCHES) WILL BE STORED ALONG THE EAST AND SOUTH SIDE OF THE WELLPAD AS SHOWN ON THE RIG LAYOUT.
- C. THERE WILL BE EIGHT FEET OF CUT AND FILL ACROSS THE DRILLSITE FROM WEST TO EAST.
- D. THE RIG ORIENTATION, LOCATION OF MUD TANKS, RESERVE PIT, TRASH CAGE, PIPE RACKS, LIVING FACILITIES AND SOIL STOCKPILES WILL BE SHOWN ON A SUNDRY NOTICE UPON SELECTION FO A DRILLING CONTRACTOR.
- E. ALL PITS WILL BE FENCED TO PREVENT DOMESTIC ANIMAL AND WILDLIFE ENTRY.
- F. THE RESERVE PIT FENCING WILL BE ON THREE SIDES DURNING OPERATIONS AND ON THE FOURTH SIDE WHEN THE RIG MOVES OFF LOCATION. PITS WILL BE FENCED AND MAINTAINED UNTIL CLEANUP.

10. PLANS FOR RESTORATION OF SURFACE

PRODUCING LOCATION

- A. IMMEDIATELY UPON COMPLETION, THE LOCATION AND SURROUNDING AREA WILL BE CLEARED OF ALL UNUSED TUBING, EQUIPMENT, DEBRIS, MATERIALS, TRASH AND JUNK, NOT REQUIRED FOR PRODUCTION.
- B. IMMEDIATLEY UPON WELL COMPLETION, ANY HYDROCARBONS ON THE PIT SHALL BE REMOVED IN ACCORDANCE WITH 43. CFR 3162.7-1.
- C. IF THE WELL IS COMMERCIAL THE PLASTIC NYLON REINFORCED LINER SHALL BE TORN AND PERFORATED BEFORE BACKFILLING OF THE RESERVE PIT. IF THE WELL IS PLUGGED AND ABANDONED THE PLASTIC NYLON REINFORCED LINER SHALL BE REMOVED WITH THE DRILL CUTTINGS AND DISPOSED OF AT AN APPROVED DISPOSAL SITE.
- D. ONCE THE RESERVE PIT IS DRY, THE RESERVE PIT AND THAT PORTION OF THE LOCATION NOT NEEDED FOR PRODUCTION FACILITIES/OPERATIONS WILL BE RECONTOURED TO THE APPROXIMATE NATURAL CONTOURS AND MADE AVAILABLE TO THE LAND OWNER.
- E. THE LOCATION WILL BE RECLAIMED AND RESEEDDED AS REQUESTED BY THE LAND OWNER.

DRYHOLEDRYHOLE

- F. AT SUCH TIME AS THE WELL IS PLUGGED AND ABANDONED, THE OPERATOR SHALL SUBMIT A SUBSEQUENT REPORT OF ABANDONMENT AND WILL RECLAIM LANDS AS REQUESTED BY LAND OWNER.

11. SURFACE OWNERSHIP

- A. ACCESS ROADS: ALL EXISTING IMPROVED ROADS ARE SANPETE COUNTY MAINTAINED.
- B. WELLPAD: THE WELLPAD IS LOCATED ON LANDS OWNED BY: RICHARD CHRISTENSEN.

12. OTHER INFORMATION

- A. ALL LEASE AND/OR UNIT OPERATIONS WILL BE CONDUCTED IN SUCH A MANNER THAT FULL COMPLIANCE IS MADE WITH ALL APPLICABLE LAWS, REGULATIONS, ONSHORE OIL AND GAS ORDERS, THE APPROVED PLAN OF OPERATIONS, AND ANY APPLICABLE NOTICE TO LESSEES. THE OPERATOR IS FULLY RESPONSIBLE FOR THE ACTIONS OF HIS SUBCONTRACTORS. A COPY OF THESE CONDITIONS WILL BE FURNISHED TO THE REPRESENTATIVE TO INSURE COMPLIANCE.
- B. A COMPLETE COPY OF THE APPROVED APD SHALL BE ON LOCATION DURING CONSTRUCTION OF THE LOCATION AND DRILLING ACTIVITIES.
- C. THERE WILL BE NO DEVIATION FROM THE PROPOSED DRILLING AND/OR WORKOVER PROGRAM WITHOUT PRIOR APPROVAL FROM THE STATE OF UTAH DOGM. SAFE DRILLING AND OPERATING PRACTICES MUST BE OBSERVED, ALL WELLS WHETHER DRILLING, PRODUCING, SUSPENDED, OR ABANDONED WILL BE IDENTIFIED IN ACCORDANCE WITH 43 CFR 3162.3-2.H.
- D. "SUNDRY NOTICE AND REPORT ON WELLS" WILL BE FILED FOR APPROVAL FOR ALL CHANGES OF PLANS AND OTHER OPERATIONS IN ACCORDANCE WITH 43 CFR 3162.3-2.
- E. THIS PERMIT WILL BE VALID FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. AN EXTENSION PERIOD MAY BE GRANTED, IF REQUESTED, PRIOR TO THE EXPIRATION OF THE ORIGINAL APPROVAL PERIOD.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMIT MATTERS

Daniel R. Gunnell
Liberty Pioneer Energy Source
1527 N. Technology Way
Building C, Suite 2300
Orem, UT 84097
(801) 224-4771

DRILLING AND COMPLETIONS MATTERS

Daniel R. Gunnell
Liberty Pioneer Energy Source
1527 N. Technology Way
Building C, Suite 2300
Orem, UT 84097
(801) 224-4771

CERTIFICATION

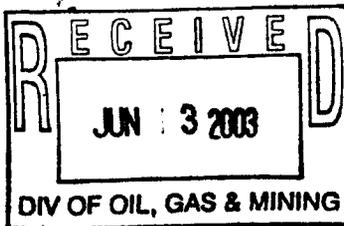
I HEREBY CERTIFY THAT I, OR PERSONS UNDER MY DIRECT SUPERVISION, HAVE INSPECTED THE PROPOSED DRILLSITE AND ACCESS ROUTE, I AM FAMILIAR WITH THE CONDITIONS WHICH PRESENTLY EXIST. THAT THE STATEMENT MADE IN THIS PLAN ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND CORRECT; AND, THAT THE WORK ASSOCIATED WITH THE OPERATIONS PROPOSED HEREIN WILL BE PERFORMED BY LIBERTY PIONEER ENERGY SOURCE AND ITS CONTRACTORS AND SUBCONTRACTORS IN CONFORMITY WITH THE PLAN AND THE TERMS AND CONDITIONS UNDER WHICH IT IS APPROVED.

THIS STATEMENT IS SUBJECT TO THE PROVISIONS OF U.S.C. 1001 FOR THE FILING OF A FALSE STATEMENT.

July 5, 2005
DATE: _____

Don Hamilton for Daniel Gunnell
DANIEL R. GUNNELL
LIBERTY PIONEER ENERGY SOURCE

ORIGINAL



SURFACE DAMAGE AGREEMENT

This Agreement is between RICHARD CHRISTENSEN, hereinafter referred to a "Lessor", whose address is 120 West Center Street., Ephraim, UT 84627 and CIMARRON OPERATING COMPANY, L.C., hereinafter referred to as "Lessee", whose address is 584 South State Street, Orem, UT 84057 and PARADISE ENERGY, L.L.C., hereinafter referred to as "Operator", whose address is 1494 South 2900 East, Spanish Fork, UT 84660.

The above parties agree to the basic understanding as follows:

Prior to the commencement of any drilling operation by Lessee or its assigns (hereinafter referred to as "Operator") on any land on which Lessor owns surface rights ("Subject Lands"), Operator shall pay as compensation for damage to the surface, the following payments:

\$500 for each drill-site location (drill pad and access road) up to 5 acres for the first year and then a yearly adjustment of \$500 per site for irrigated and non-irrigated sites and \$300 for dry pasture and sagebrush sites for each year occupied.

Operator shall use or have access to the subject Property at its own risk. Operator agrees to bare all liabilities caused by the Lessee or its assigns and to provide proof of liability insurance and well site bond to the Lessor.

- (1) The parties herein shall mutually agree upon the location of the access road. Any and all access roads shall not exceed 30 feet in width. All pipelines, power lines, and telephone lines will be buried below plow depth and mapped. In the event of a dry hole, the drill site and roadways will be restored to original condition, or to Lessor's specifications.
- (2) Unauthorized personnel, contractors, etc. will not be allowed on location or have access to the location. Operator will make every reasonable effort to have a company representative on the location at all times during drilling/completion operations. Firearms, liquor, and drugs shall be prohibited from well locations and access roads.
- (3) Operator will reimburse Lessor for loss of livestock and damages caused by or directly related to Operator's exploration and production of oil or gas. Operator will reimburse Lessor at a fair market value plus associated replacement costs involved.

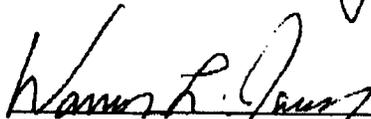
PROPERTY RECLAMATION AGREEMENT

1. All topsoil will be stripped, stockpiled, and then replaced to support re-vegetation.
2. Ditches, and culverts, gates, cattle guards will be returned to original condition, or to Lessors specifications.

3. Reclamation work will be accomplished in a timely manner. Natural causes such as unusual weather conditions or ground settling may delay reclamation.
4. All construction and maintenance costs shall be born by Operator.

This agreement shall be binding upon Lessor, its executors, administrators, successors, and assigns and upon Operator, its executors, administrators, successors, and assigns. This agreement pertains to all surface areas disturbed in exploration and/or development.

Signed this 13 day of June, 2000.



Warren L. Jacobs, Representative
PARADISE ENERGY, L.L.C., Operator

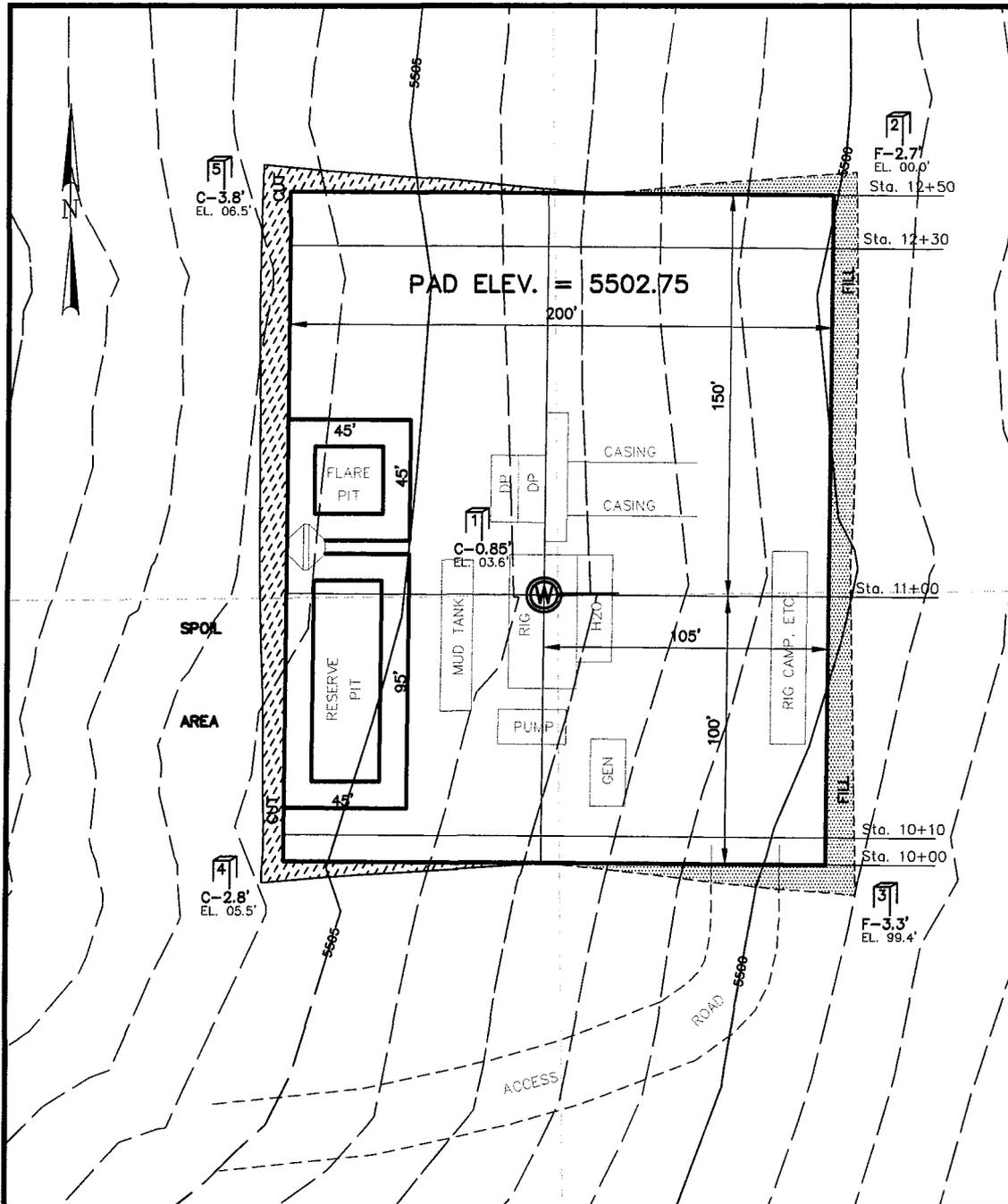


RICHARD CHRISTENSEN, Lessor and
Surface Owner



K. C. Shaw, Representative
CIMARRON OPERATING COMPANY, L.C., Lessee

LIBERTY PIONEER ENERGY SOURCE
LOCATION LAYOUT FOR
CHRISTENSEN #6-6
SECTION 6, T.16 S., R.3 E., S.L.B.& M.



PAD EARTHWORK VOLUMES
 Cut = 2094 c.y.
 Fill = 1682 c.y. (30% Shrink)
 Net = 412 c.y. Cut

RESERVE PIT CAPACITY = 5477 bbls
 RESERVE PIT VOLUMES = 1139 c.y.
 FLARE PIT CAPACITY = 2357 bbls
 FLARE PIT VOLUMES = 491 c.y.

TOTAL PAD AREA: 1.15 ACRES

ELEV. UNGRADED GROUND AT
 CHRISTENSEN #6-6 = 5503.6

ELEV. GRADED GROUND AT
 CHRISTENSEN #6-6 = 5502.75



Jones & DeMille Engineering

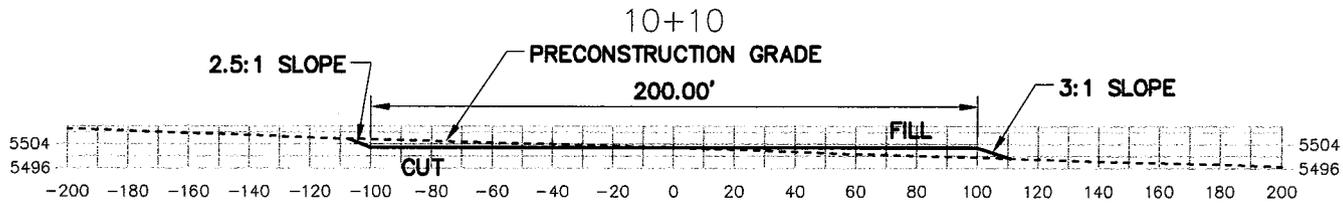
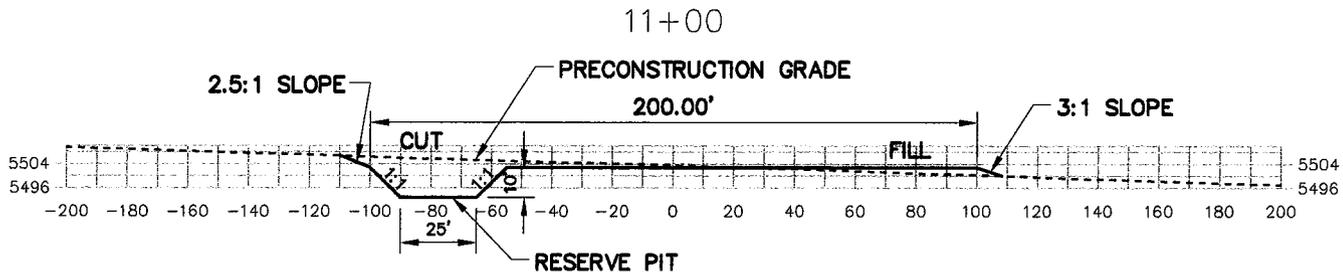
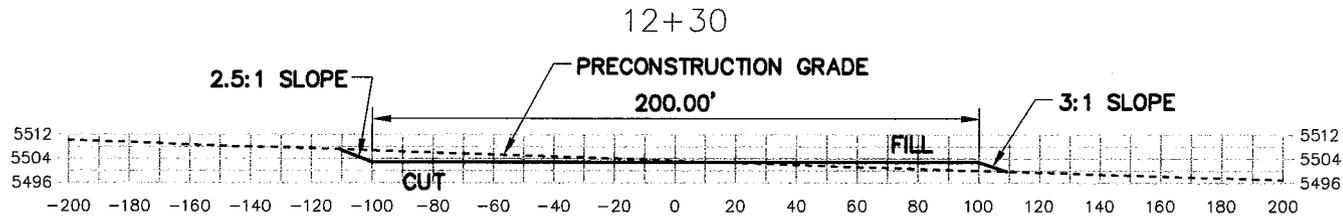
1535 South 100 West - Richfield, Utah 84701
 Phone (435) 896-8266
 Fax (435) 896-8268
 www.jonesanddemille.com

Well Location Layout for

Liberty Pioneer Energy Source Christensen 6-6

DESIGNED	SURVEYED	CHECKED	DRAWN	PROJECT NO.	SHEET NO.
D.H.R.	W.H.	T.R.G.	L.G.	0507-004	1
DATE	DWG.NAME	SCALE			
08/09/2005	Design	1" = 60'			

LIBERTY PIONEER ENERGY SOURCE
LOCATION LAYOUT FOR
CHRISTENSEN #6-6
SECTION 6, T.16 S., R.3 E. , S.L.B.& M.

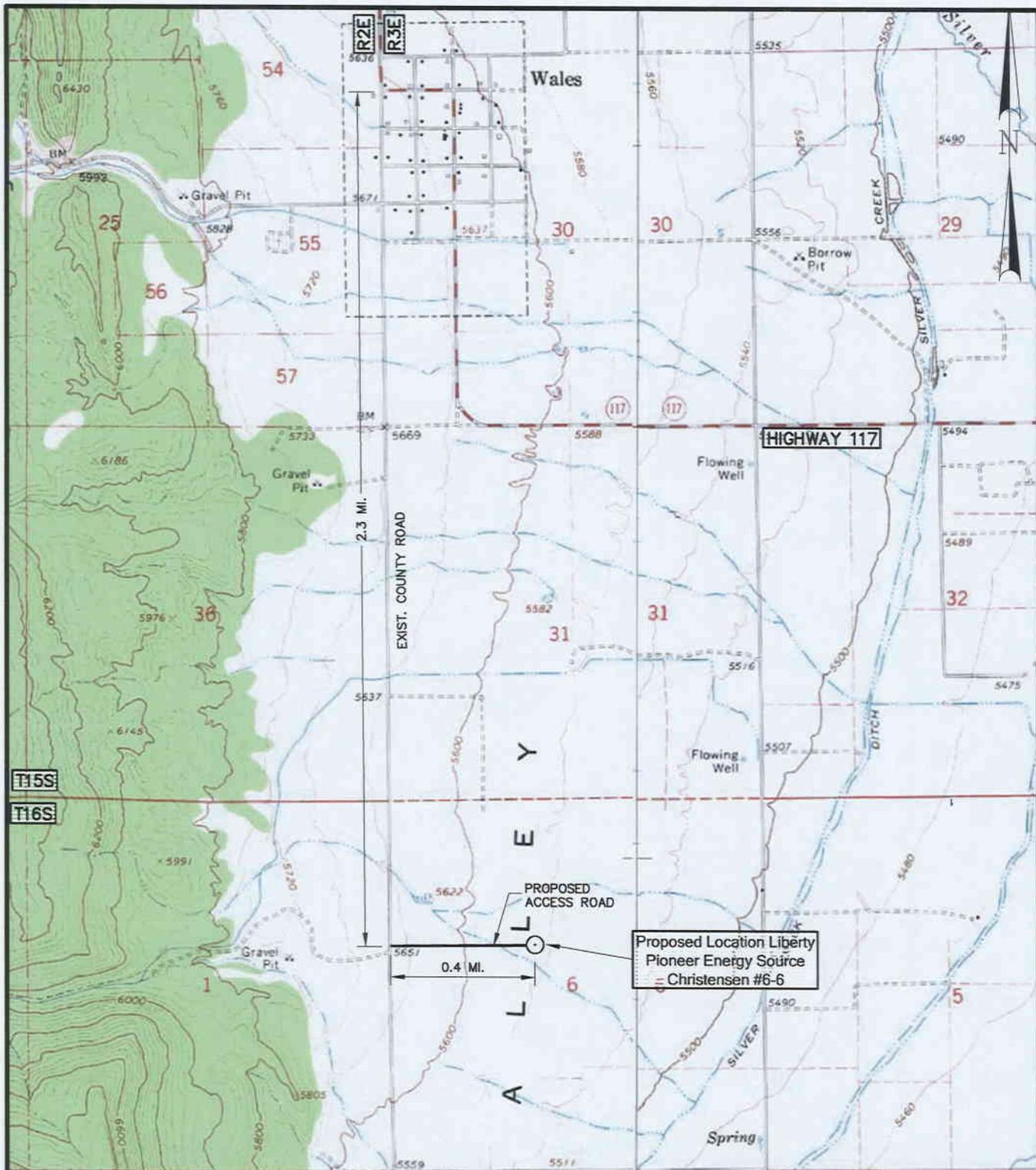


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Well Location Layout for

Liberty Pioneer Energy Source Christensen 6-6

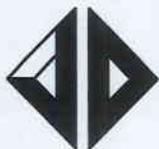
DESIGNED D.H.R.	SURVEYED W.H.	CHECKED T.R.G.	DRAWN L.G.	PROJECT NO. 0507-004	SHEET NO. 2
DATE 08/09/2005		DWG.NAME Design	SCALE 1" = 60'		



LEGEND

○ PROPOSED LOCATION

Liberty Pioneer Energy Source Christensen #6-6
 Section 6, T.16 S., R.3 E., S.L.B. & M.
 2001' FNL 2012' FWL



Jones & DeMille Engineering

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 (435) 896-8266 Phone
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Liberty Pioneer Energy Source

Christensen #6-6

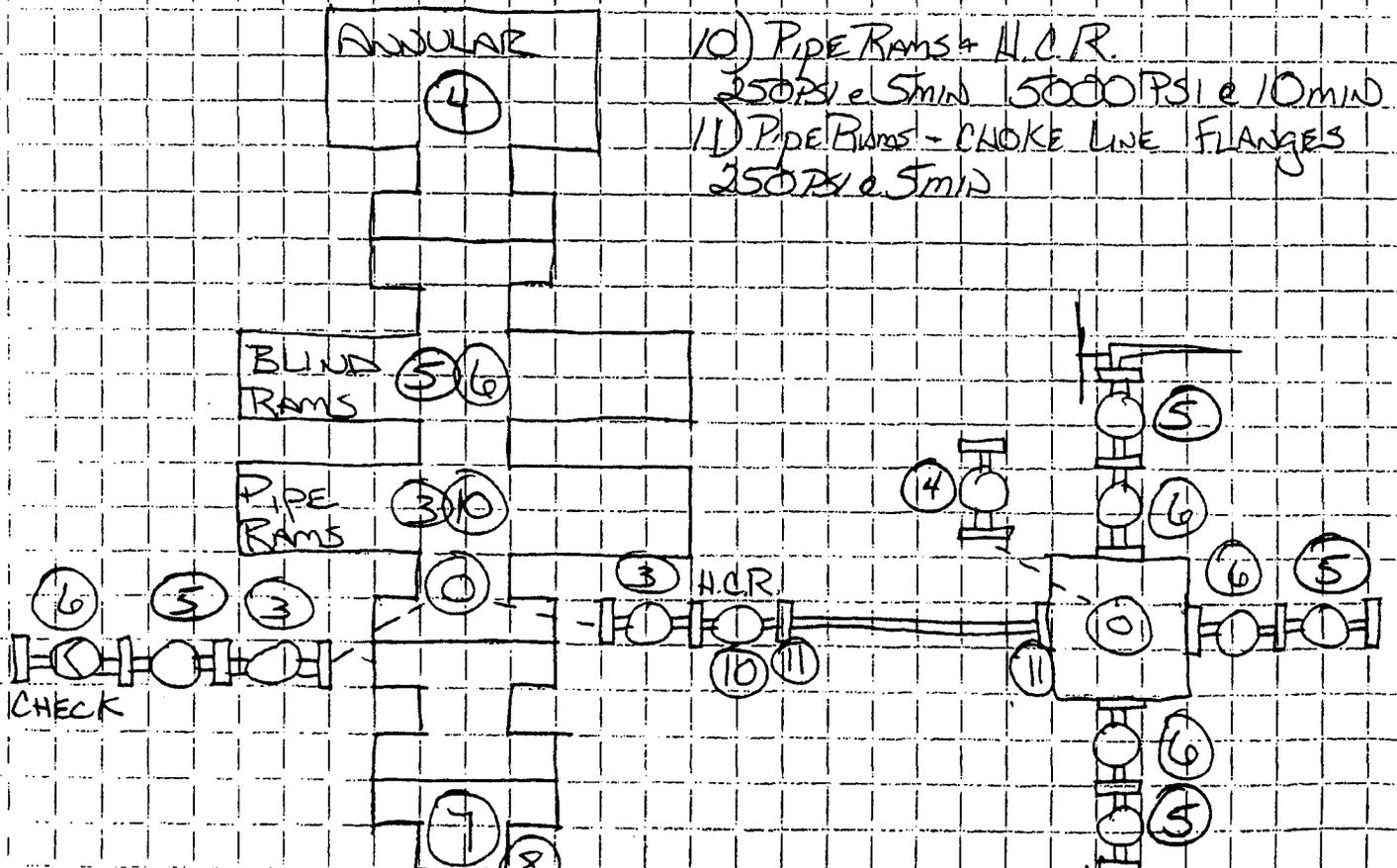
Location Map

SCALE: 1" = 2000'	ENG.: D.H.R.	PROJ.#: 0507-004
DATE: 08/08/2005	DWG.BY: L.G.	DWG.NAME: wells

BOP & CHOKE ASSEMBLY

- 1) LOWER KELLY VLV
250 PSI @ 5min 5000 PSI @ 10min
- 2) UPPER KELLY VLV
250 PSI @ 5min 5000 PSI @ 10min
- 3) PIPE RAMS + DART VLV + T.S. KICK + T.S. CHOKE VLV
250 PSI @ 5min 5000 PSI @ 10min
- 4) ANNULAR + UPRIGHT MANIFOLD VLV
250 PSI @ 5min 2500 PSI @ 10min
- 5) BLIND RAMS + MID KILL VLV + O.S. CHOKE MANIFOLD VLVs
250 PSI @ 5min 5000 PSI @ 10min
- 6) BLIND RAMS + KILL CHECK + T.S. CHOKE MANIFOLD VLVs
250 PSI @ 5min 5000 PSI @ 10min
- 7) 8 7/8" CSNB
1000 PSI @ 10min
- 8) WELL HEAD TO CSNB VOID
1500 PSI @ 10min
- 9) FLOOR VLV
250 PSI @ 5min 5000 PSI @ 10min

CONFIDENTIAL



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5. MINERAL LEASE NO: Patented	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: Liberty Pioneer Energy Source			9. WELL NAME and NUMBER: Christensen #6-6	
3. ADDRESS OF OPERATOR: 1527 N Tech Way, C 23 rd CITY Orem STATE UT ZIP 84097		PHONE NUMBER: (801) 224-4771	10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2,001' FNL, 2,012 FWL, 445765X 39.455157 4367269Y AT PROPOSED PRODUCING ZONE: 2,001' FNL, 2,012 FWL, -111.630367			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE NW 6 16S 3E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 1.6 miles south of Wales, Utah			12. COUNTY: Sanpete	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1,600'	16. NUMBER OF ACRES IN LEASE: 447.18	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) None	19. PROPOSED DEPTH: 4,898	20. BOND DESCRIPTION: pending		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5503.6'	22. APPROXIMATE DATE WORK WILL START: 9/15/2005	23. ESTIMATED DURATION: 45 days		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12"	8-5/8"	J-55	24#	800	see Drilling Plan
7-7/8"	5-1/2"	N-80	17#	4,898	see Drilling Plan
					well to be Plugged
					back to 4,000'

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

ORIGINAL

CONFIDENTIAL

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Liberty Pioneer

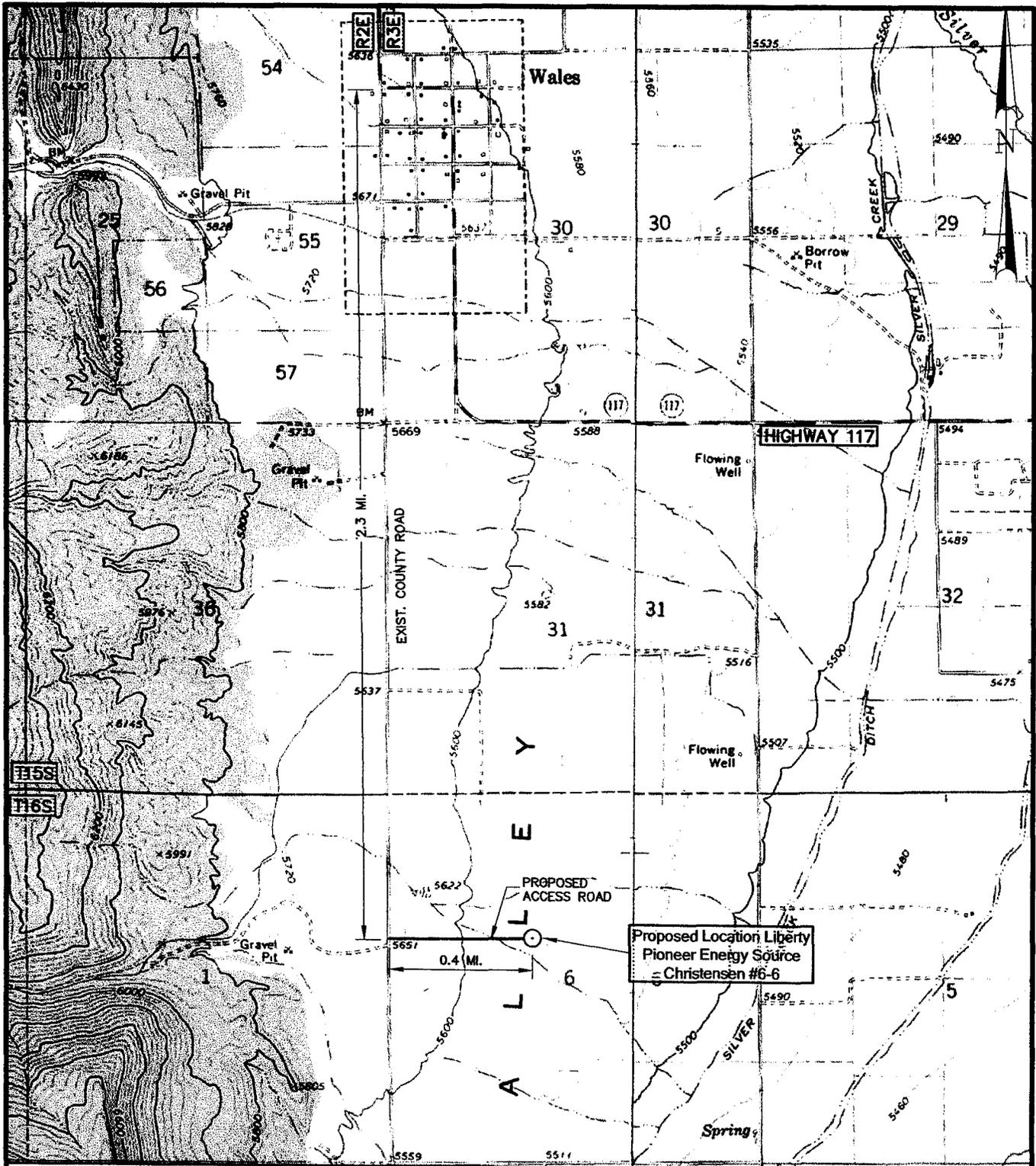
SIGNATURE Don Hamilton DATE 8/24/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-039-30026

APPROVAL:

RECEIVED
AUG 29 2005
DIV. OF OIL, GAS & MINING



LEGEND

○ PROPOSED LOCATION

Liberty Pioneer Energy Source Christensen #6-6
 Section 6, T.16 S., R.3 E., S.L.B. & M.
 2001' FNL 2012' FWL



Jones & DeMille Engineering
 1535 South 100 West - Richfield, Utah 84701
 (435) 896-8266 Phone
 (435) 896-8268 Fax
 www.jonesanddemille.com

Liberty Pioneer Energy Source
Christensen #6-6
Location Map

SCALE: 1" = 2000'	ENG.: D.H.R.	PROJ.#: 0507-004
DATE: 08/08/2005	DWG.BY: L.G.	DWG.NAME: wells

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/29/2005

API NO. ASSIGNED: 43-039-30026

WELL NAME: CHRISTENSEN 6-6
 OPERATOR: LIBERTY PIONEER ENERGY (N2855)
 CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

SENW 06 160S 030E
 SURFACE: 2001 FNL 2012 FWL
 BOTTOM: 2001 FNL 2012 FWL
 SANPETE
 WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DWD	10/31/05
Geology		
Surface		

LEASE TYPE: 4 - Fee
 LEASE NUMBER: FEE
 SURFACE OWNER: 4 - Fee
 PROPOSED FORMATION: ENRD
 COALBED METHANE WELL? NO

LATITUDE: 39.45516
 LONGITUDE: -111.6304

RECEIVED AND/OR REVIEWED:

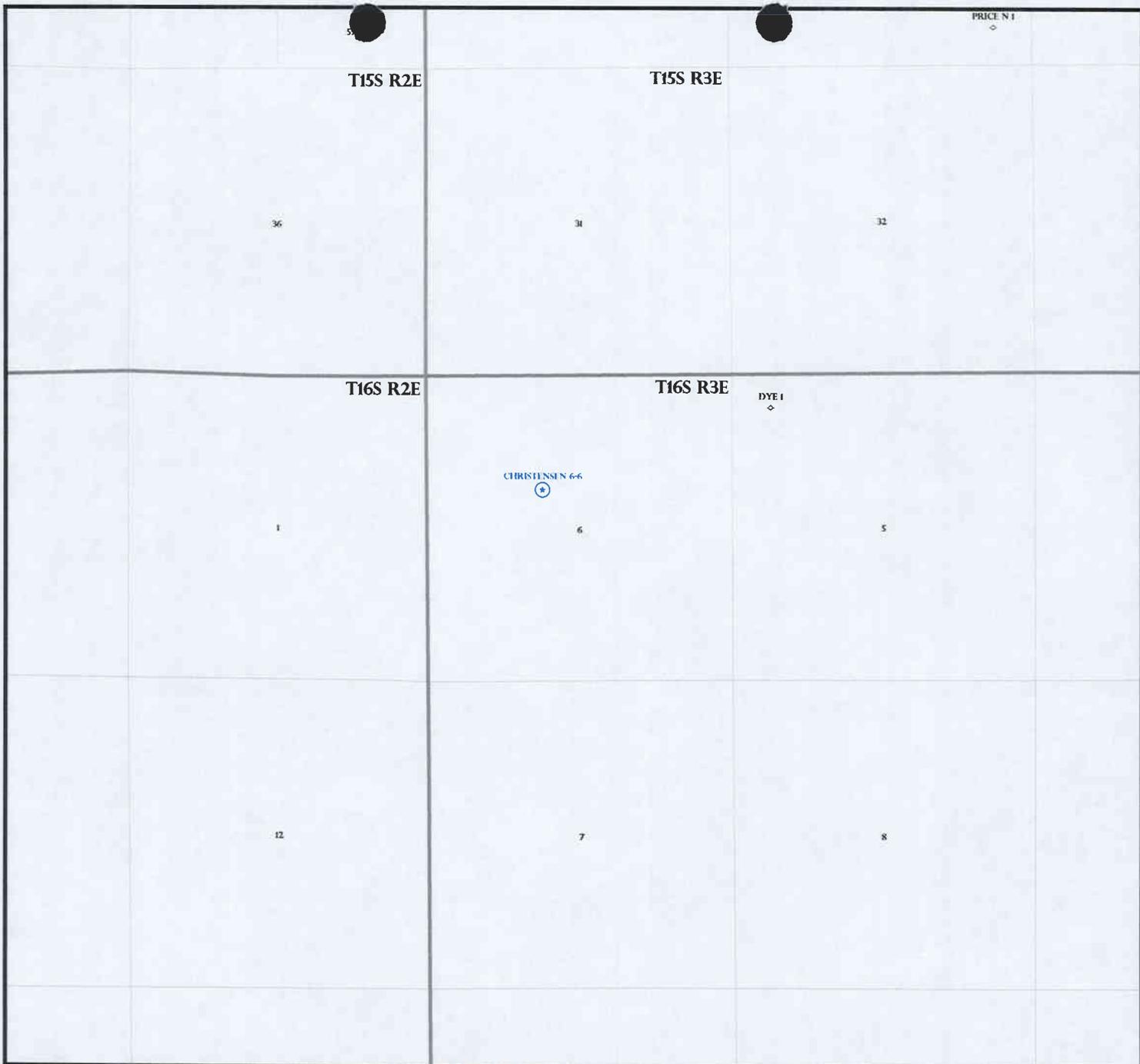
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. NES422385)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: 09/13/2005)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
Unit _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: Nude Permit (Rec'd 10/13/05)

STIPULATIONS: 1- Spacing SEP
2- STATEMENT OF BASIS



OPERATOR: LIBERTY PIONEER (N2855)

SEC: 6 T. 16S R. 3E

FIELD: WILDCAT (001)

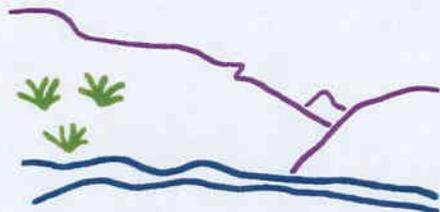
COUNTY: SANPETE

SPACING: R649-3-2 / GENERAL SITING

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

- Wells Status**
- GAS INJECTION
 - GAS STORAGE
 - LOCATION ABANDONED
 - NEW LOCATION
 - PLUGGED & ABANDONED
 - PRODUCING GAS
 - PRODUCING OIL
 - SHUT-IN GAS
 - SHUT-IN OIL
 - TEMP. ABANDONED
 - TEST WELL
 - WATER INJECTION
 - WATER SUPPLY
 - WATER DISPOSAL
 - DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 01-SEPTEMBER-2005

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: Liberty Pioneer Energy Source
WELL NAME & NUMBER: Christensen 6-6
API NUMBER: 43-039-30026
LOCATION: 1/4,1/4 SENW Sec:6 TWP: 16 S RNG: 3 E 2001 FNL 2012 FWL

Geology/Ground Water:

A well at this location will spud into a moderately permeable soil developed on Quaternary Tertiary coalesced fan deposits. A significant near surface high quality ground water resource exists in this valley with artesian wells within a mile of the location. A P&A'd well, about 4000' northeast, encountered two water sands within the first 50' of 24" conductor casing hole. Many underground water rights have been filed within a mile of the location, with wells drilled as deep as 305'. Division personnel have described nearby water wells by as being thermal and having 400 to 600 pounds formation pressure. The cited nearest well set surface pipe over 1000' deeper than the length of the proposed surface string in this proposal. Owing to the quality, volume, temperatures and mineralized nature of the ground waters and the documented unconsolidated sands above the Green River Formation, it is recommended that this operator also extend the casing into the top of the Green River Formation to protect the resources. The unconsolidated Crazy Hollow Formation will be behind the extended surface pipe.

Reviewer: Christopher J. Kierst **Date:** 10/20/05

Surface:

Proposed location is ~1.6 miles south of Wales, Utah. The current surface use of the immediate area surrounding the proposed well is grazing and agricultural use. Access to this well will be along existing County maintained roads and ~.4 miles of upgraded 2-track road, all on private property. The direct area drains to the east. 1 PA well is within a 1-mile radius of the above proposed well. A handful of private water wells are also within a 1-mile radius of the above proposed well. These wells are for both residential use and agricultural use and are said to be ~300' deep. Location layout, storm water drainage control, current surface status and characteristics, planned disturbances, access and utility route, and the reserve pit characteristics were all discussed. D. Hamilton, Kimball Hodges, Danny Gunnell (Liberty), Mary Lamb, Mardell Nielsen, Jeff Lamb (Lamb Family Trust), Richard Christensen (surface owner), Lee Holmstead, Tracy Christensen (Sanpete County) were in attendance.

Reviewer: Mark L. Jones **Date:** October 13, 2005

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
2. Extend the surface casing as needed into the top of the Green River Formation to protect shallow, high quality aquifers.

STATE ACTIONS
Resource Development Coordinating Committee
Governor's Office of Planning and Budget
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or September 15, 2005
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: Liberty Pioneer Energy Source proposes to drill the Christensen 6-6 well (wildcat) on a Fee lease, Sanpete County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 2001' FNL 1012' FWL, SE/4 NW/4, Section 6, Township 16S, Range 3E, Sanpete County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Southeastern Utah Association of Governments	
10. For further information, contact: Diana Whitney Phone: (801) 538-5312	11. Signature and title of authorized officer  Gil Hunt, Associate Director Date: September 2, 2005

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Liberty Pioneer Energy Source
WELL NAME & NUMBER: Christensen 6-6
API NUMBER: 43-039-30026
LEASE: Fee **FIELD/UNIT:** _____
LOCATION: 1/4,1/4 SE**W** **Sec:** 6 **TWP:** 16S **RNG:** 3E 2001 **FNL** 2012 **FWL**
LEGAL WELL SITING: _____ **F SEC. LINE;** _____ **F 1/4,1/4 LINE;** _____ **F ANOTHER WELL.**
GPS COORD (UTM): X =445770 E; Y =4367269 N **SURFACE OWNER:** Richard Christensen.

PARTICIPANTS

M. Jones (DOG M), D. Hamilton, Kimball Hodges, Danny Gunnell (Liberty), Mary Lamb, Mardell Nielsen, Jeff Lamb (Lamb Family Trust), Richard Christensen (surface owner), Lee Holmstead, Tracy Christensen (Sanpete County).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Proposed location is ~1.6 miles south of Wales, Utah. The current surface use of the immediate area surrounding the proposed well is grazing and agricultural use. Access to this well will be along existing County maintained roads and ~.4 miles of upgraded 2-track road, on private property. The direct area drains to the east.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing.

PROPOSED SURFACE DISTURBANCE: 200' x 250' w/ 45' x 95' x 10' reserve pit and 45' x 45' x 10' flare pit, both included w/in pad dimensions.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: 1 PA well is within a 1-mile radius of the above proposed well. A handful of private water wells are also within a 1-mile radius of the above proposed well. These wells are for both residential use and agricultural use and are said to be ~300' deep.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: On location and along roadway.

SOURCE OF CONSTRUCTION MATERIAL: Obtained locally and trucked to site.

ANCILLARY FACILITIES: None anticipated.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): As Wales is a small rural community, some residents may have concerns of drilling activity in the area's surrounding the town-site.

WASTE MANAGEMENT PLAN:

As per "METHOD OF HANDLING WASTE DISPOSAL" outlined in the APD submitted to The Division for this well.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: sagebrush community, grasses, etc.

SOIL TYPE AND CHARACTERISTICS: Clay loam.

SURFACE FORMATION & CHARACTERISTICS: _____

EROSION/SEDIMENTATION/STABILITY: Erosive upon disturbance.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: Dugout earthen, 45'x95'x10', interior to location.

LINER REQUIREMENTS (Site Ranking Form attached): Required.

SURFACE RESTORATION/RECLAMATION PLAN

As per surface use agreement.

SURFACE AGREEMENT: Signed, in place.

CULTURAL RESOURCES/ARCHAEOLOGY: None requested.

OTHER OBSERVATIONS/COMMENTS

ATTACHMENTS

Photos of this location were taken and placed on file.

Mark L. Jones
DOGM REPRESENTATIVE

October 12, 2005 / 1:00 pm
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

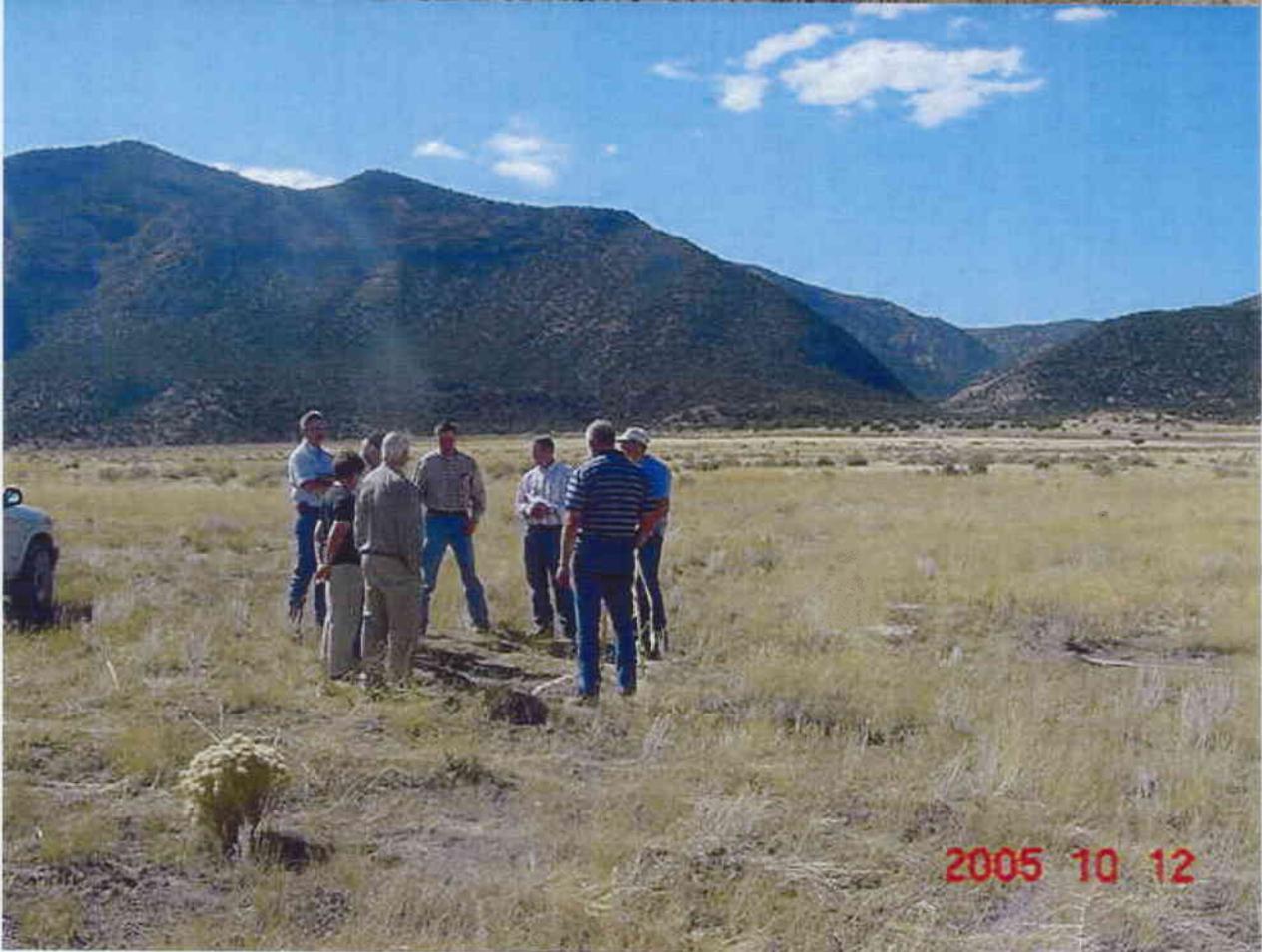
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>5</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>10</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>6</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 36 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





2005 10 12

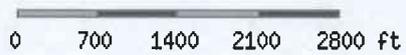
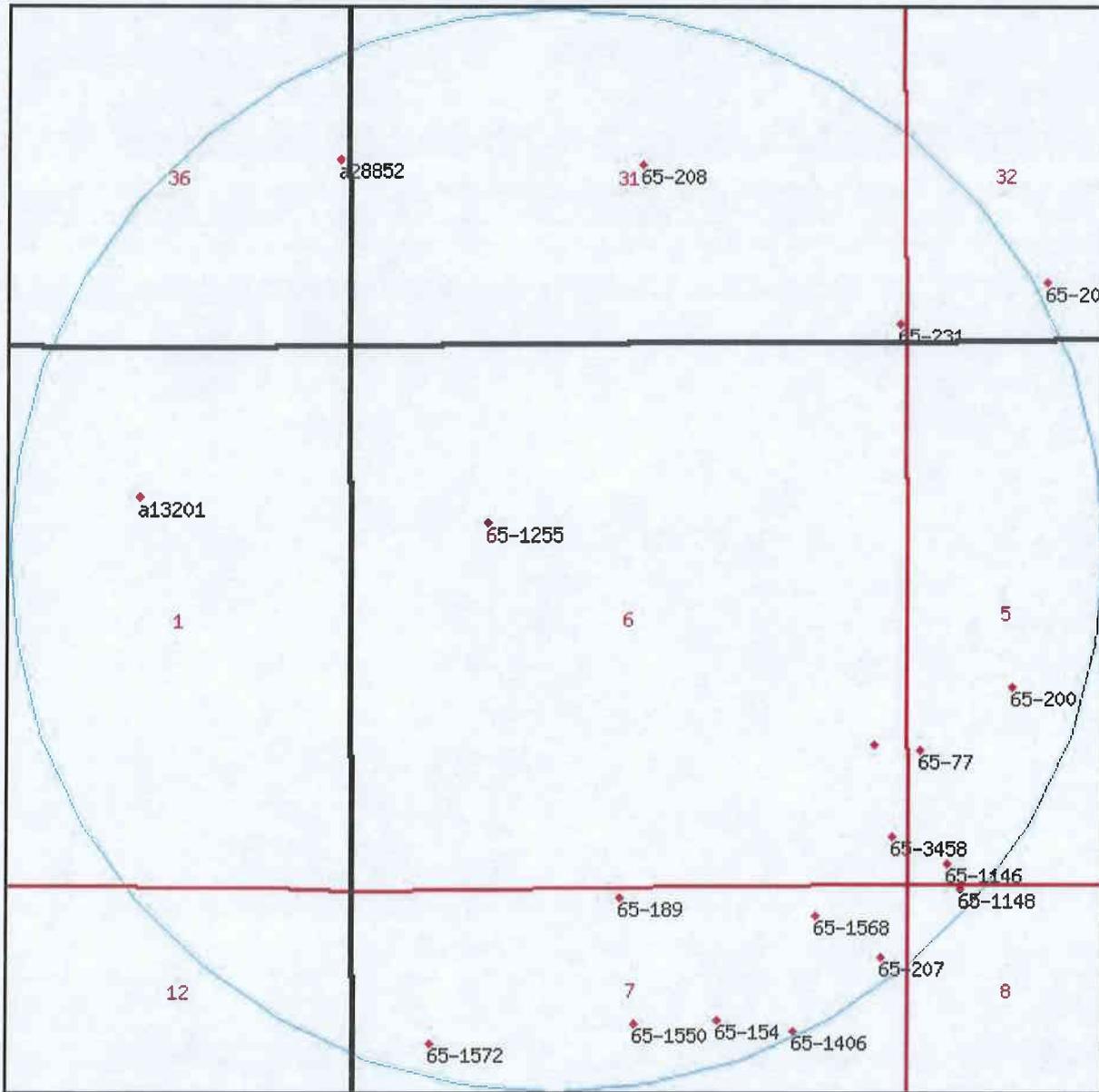


UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2004.12.30.00 Rundate: 10/20/2005 09:44 AM

Radius search of 5280 feet from a point S2001 E2012 from the NW corner, section 06, Township 16S, Range 3E, SL b&m Criteria:wrtypes=W,C,E
podtypes=S,U,D,Sp,P status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
<u>65-1146</u>	Underground N226 E372 SW 05 16S 3E SL		P	19200600	IS	0.334	0.000	HARLEY W. AND LORETTA R. JACOBS 4789 WEST CANYON VIEW DRIVE
<u>65-1148</u>	Underground S23 E487 NW 08 16S 3E SL		P	19200700	DS	0.011	0.000	NEWEL F. AND EUNICE L. REES JOINT TENANTS
<u>65-1255</u>	Underground S1743 W1349 N4 06 16S 3E SL		P	19100000	IS	0.022	0.000	JENNIE T. JOHNSON EPHRAIM UT 84627
<u>65-1406</u>	Underground S1410 W1101 NE 07 16S 3E SL		P	19060000	DS	0.011	0.000	JOSEPH P. REES WALES UT 84667
<u>65-154</u>	Underground S1320 W1848 NE 07 16S 3E SL		P	19500911	S	0.015	0.000	JENNIFER ATKINSON P.O. BOX 411
<u>65-1550</u>	Underground S1320 E33 N4 07 16S 3E SL		P	18800000	DIS	0.500	0.000	JENNIFER ATKINSON P.O. BOX 411
<u>65-1568</u>	Underground S300 W900 NE 07 16S 3E SL		P	19000000	S	0.022	0.000	STANLEY PRICE WALES UT 84667
<u>65-1572</u>	Underground S1485 E743 NW 07 16S 3E SL		P	18900000	IS	0.045	0.000	DUDLEY T. REES WALES UT 84667
<u>65-189</u>	Underground S66 E2574 NW 07 16S 3E SL		P	19511109	S	0.015	0.000	BEN D. LAMB WALES UT 84667
<u>65-194</u>	Underground N1386 W330 SE 06 16S 3E SL		P	19511203	S	0.015	0.000	DELIEL CHRISTENSEN WALES UT 84667
<u>65-200</u>	Underground N1947 E990 SW 05 16S		P	19520402	S	0.015	0.000	KENNETH DWANE ANDERSON WALES UT 84667

	3E SL					
<u>65-206</u>	Underground N571 E1332 SW 32 15S 3E SL	P	19520522 S	0.015 0.000	H. RICHARD THOMAS SANTA ROSA CA	
<u>65-207</u>	Underground S693 W264 NE 07 16S 3E SL	P	19520705 S	0.015 0.000	BEN D. LAMB WALES UT 84667	
<u>65-208</u>	Underground N1716 W2574 SE 31 15S 3E SL	P	19520710 S	0.015 0.000	NEWEL F. REESE WALES UT 84667	
<u>65-2292</u>	Surface S1480 W2000 NE 01 16S 2E SL	P	19840508 I	8.230 0.000	WALES IRRIGATION COMPANY WALES UT 84667	
<u>65-231</u>	Underground N165 W66 SE 31 15S 3E SL	P	19530526 S	0.015 0.000	RALPH WASHBURN WALES UT 84667	
<u>65-3346</u>	Surface S1480 W2000 NE 01 16S 2E SL	P	18580000 I	0.380 0.000	HELD BY BWR WALES IRRIGATION COMPANY WALES UT	
<u>65-3347</u>	Surface S1480 W2000 NE 01 16S 2E SL	P	18580000 S	2.000 0.000	WALES IRRIGATION COMPANY WALES UT	
<u>65-3458</u>	Underground N491 W160 SE 06 16S 3E SL	<u>well info</u> P	1915 S	0.033 0.000	ROGER REES 95 W CENTER (P.O. BOX 4223)	
<u>65-77</u>	Underground N1320 E110 SW 05 16S 3E SL	P	19440926 S	0.015 0.000	KENNETH E. ANDERSON WALES UT 84667	
<u>a13201</u>	Surface S1480 W2000 NE 01 16S 2E SL	A	19840508 I	8.230 0.000	WALES IRRIGATION COMPANY WALES UT 84667	
<u>a28852</u>	Underground	<u>well info</u> A	20040409 DI	0.002 1.000	CECIL AND LIZ CLAWSON	

N1815 W100 SE 36 15S
2E SL

P.O. BOX 4191

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10-05 Liberty Pioneer Christensen 6-6 Casing Schematic

Surface

8-5/8"
MW 8.6
Frac 19.3

TOC @
0.

✓ w/ 18% Washout

Surface
800. MD
938 North Hill
Top Crest

BHP
 $(.052)(4848)(9.2) = 2343$
Anticipate 1,000

TOC @
1492.

Gas
 $(.12)(4848) = 587$
MMSR = 1756

2256 Morrison
Top Jurassic

BoPE - 5,000 ✓

✓ propose TOC ± 900'

Surf Csg - 2950
70% = 2065

w/ 15% washout
TOC 838' w/ 9% Washout

Max pressure @ Surf shoe = 1442

Test TO 1500# ✓

4,000 Top of Plugback

✓ Adequate DUD 10/31/05

5-1/2"
MW 9.2

Production
4898. MD

Well name:

10-05 Liberty Pioneer Christensen 6-6Operator: **Liberty Pioneer**String type: **Surface**

Project ID:

43-039-30026

Location: **Sanpete County, Utah****Design parameters:****Collapse**Mud weight: 8.600 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 76 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 299 ft

Cement top: Surface

BurstMax anticipated surface
pressure: 204 psi
Internal gradient: 0.436 psi/ft
Calculated BHP 552 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 696 ft

Non-directional string.

Re subsequent strings:Next setting depth: 4,898 ft
Next mud weight: 9.200 ppg
Next setting BHP: 2,341 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 800 ft
Injection pressure 800 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	800	8.625	24.00	J-55	ST&C	800	800	7.972	38.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	357	1370	3.836	552	2950	5.34	19	244	12.72 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & MiningPhone: (801) 538-5281
FAX: (801)359-3940Date: October 28,2005
Salt Lake City, Utah**ENGINEERING STIPULATIONS -**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

10-05 Liberty Pioneer Christensen 6-6

Operator: **Liberty Pioneer**

String type: **Production**

Project ID:

43-039-30026

Location: **Sanpete County, Utah**

Design parameters:

Collapse

Mud weight: 9.200 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 134 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 1,492 ft

Burst

Max anticipated surface pressure: 204 psi
Internal gradient: 0.436 psi/ft
Calculated BHP 2,341 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 4,214 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	4898	5.5	17.00	N-80	LT&C	4898	4898	4.767	168.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2341	6290	2.687	2341	7740	3.31	83	348	4.18 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: (801) 538-5281
FAX: (801)359-3940

Date: October 28,2005
Salt Lake City, Utah

ENGINEERING STIPULATIONS -

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Project Number: 5687 Sponsor: Division of Oil, Gas and Mining
SLB&M: Secd. 6, T16S, R3E Counties Affected: Sanpete
Description: Application for Permit to Drill - proposal to drill

Possible significant impacts likely to occur:

Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.

Comments:

Provision for granting the drilling permit should include provisions as standard that:

- 1- Erosion rates from the drilling site will not exceed the tolerable erosion rate as established by USDA/NRCS during the duration of the easement.
- 2- Following drilling, areas disturbed shall be seeded with seed of >90% viability, with non-invasive seed, of a species and variety (ies) which is native and/or recommended for the site by USDA/NRCS and/or USU Extension Service.
- 3- One year following completion of drilling, such appropriate vegetative cover surrounding the drilling site in all disturbed areas shall equal or exceed the greater of the percentage of vegetative cover of the drilling site area prior to disturbance, or of the land surrounding the drilling site disturbance, or 30% ground cover..

Before permitting drilling site development to proceed, conditions should be included within the permit to protect environmental quality, sustain valuable natural resources, and to reduce future costs on the treasury of Utah and its citizens. These conditions should include -

- A) Net erosion from the total comprehensive drilling site project shall not exceed 'tolerable' erosion rates as determined by USDA / NRCS for agricultural soils. Although the land is not in agricultural use, maintaining these standards will preserve and protect natural resource values of the soil and in the waters downslope of the project area.
- B) Erosion from any one site or disturbance will not exceed the tolerable erosion rate by greater than 2.0 times the tolerable rate.
- C) All sites disturbed by the project shall be restored to appropriate species, variety, and density of vegetative cover when drilling site installation is completed.
- D) No discharge or runoff of hydrocarbons from vehicles, drilling site, wells, tanks, nor any other source shall be allowed which might enter waters of the state.
- E) Project drilling site placements and all other ground disturbing activities shall be designed, engineered, and implemented to minimize crossing of and/or disturbance to streams, washes, gullies, arroyos, nor other depressions where resulting erosion potential or habitat value might be high.
- F) Appropriate maintenance of pumping, extraction, drilling site, and all other

facilities shall be ongoing for duration of lease to sustain ecological function including habitat, soil stability, vegetative cover, and prevention of damage to the environment including release or deposition of materials that are toxic or otherwise detrimental.

- G) Upon ultimate termination of the lease in the future, drilling site and all other disturbances shall be appropriately removed and sites restored as closely as possible to equal or exceed vegetative cover, soil stability and soil permeability as existed prior to project implementation. A bond shall be provided to insure such restoration.

From: Robert Clark
To: Whitney, Diana
Date: 9/12/2005 8:07:10 AM
Subject: Comments on Christensen 6-6 wildcat well

The following comments are submitted in response to **RDCC #5687**. Comments are being submitted directly to DOG&M due to short turn around time involved.

Comments begin: The proposed well drilling project in Sanpete County may require a permit, known as an Approval Order, from the Utah Division of Air Quality if any compressor stations are constructed at the site. A permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed project is also subject to Utah Air Quality Rule R307-205-3, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Division of Air Quality, but steps need to be taken to minimize fugitive dust, such as, watering and/or chemical stabilization, providing vegetative or synthetic cover and windbreaks. A copy of the rules are found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

Robert Clark
Division of Air Quality
536-4435

CC: Mcneill, Dave; Wright, Carolyn

HALLIBURTON

**Liberty Pioneer Energy Source Inc
1527 N Technology Way
Orem, Utah 84097**

Christensen 6-6
Wildcat Field
Sevier County, Utah
United States of America
API/UWI Sec. 6, T16S, R3E

Cement Recommendation

Prepared for:
October 28, 2005
Version: 2

Submitted by:
Rob Kruger
Halliburton Energy Services
Vernal Ut Us
1085 E Main
Vernal, Utah 84078
+435.789.2550

RECEIVED

OCT 28 2005

DIV. OF OIL, GAS & MINING

HALLIBURTON

HALLIBURTON

*Halliburton appreciates the opportunity to present
this proposal and looks forward to being of service to you.*

Foreword

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: _____
John Jorgensen
Procedure Analyst

Submitted by: _____
Rob Kruger
Account Leader

SERVICE CENTER: Vernal Utah
SERVICE COORDINATOR: Willis Lefevre
OPER. ENGINEER: Rick Curtice
PHONE NUMBER: (800)874-2550

Job Information

8 5/8" Surface

Christensen

6-6

12" Open Hole

0 - 800 ft (MD)

0 - 800 ft (TVD)

Inner Diameter

12.000 in

Job Excess

75 %

8 5/8" Surface

0 - 800 ft (MD)

0 - 800 ft (TVD)

Outer Diameter

8.625 in

Inner Diameter

8.097 in

Linear Weight

24 lbm/ft

Casing Grade

J-55

Calculations

8 5/8" Surface

Spacer:

$$\begin{aligned} \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

Cement : (500.00 ft fill)

$$\begin{aligned} 500.00 \text{ ft} * 0.3797 \text{ ft}^3/\text{ft} * 75 \% &= 332.20 \text{ ft}^3 \\ \text{Total Lead Cement} &= 332.20 \text{ ft}^3 \\ &= 59.17 \text{ bbl} \\ \text{Sacks of Cement} &= 187 \text{ sks} \end{aligned}$$

Cement : (300.00 ft fill)

$$\begin{aligned} 300.00 \text{ ft} * 0.3797 \text{ ft}^3/\text{ft} * 75 \% &= 199.32 \text{ ft}^3 \\ \text{Tail Cement} &= 199.32 \text{ ft}^3 \\ &= 35.50 \text{ bbl} \end{aligned}$$

Shoe Joint Volume: (40.00 ft fill)

$$\begin{aligned} 40.00 \text{ ft} * 0.3576 \text{ ft}^3/\text{ft} &= 14.30 \text{ ft}^3 \\ &= 2.55 \text{ bbl} \\ \text{Tail plus shoe joint} &= 213.62 \text{ ft}^3 \\ &= 38.05 \text{ bbl} \\ \text{Total Tail} &= 178 \text{ sks} \end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned} 800.00 \text{ ft} * 0.3576 \text{ ft}^3/\text{ft} &= 286.07 \text{ ft}^3 \\ &= 50.95 \text{ bbl} \end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 50.95 \text{ bbl} - 2.55 \text{ bbl} \\ &= 48.40 \text{ bbl} \end{aligned}$$

Fluid Instructions

Fluid 1: Water Based Spacer
Gel Water Ahead

Fluid Density: 8.40 lbm/gal
Fluid Volume: 20 bbl

Fluid 2: Lead Cement

Halliburton Light Premium
1 % Calcium Chloride (Accelerator)
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 12.80 lbm/gal
Slurry Yield: 1.78 ft³/sk
Total Mixing Fluid: 9.43 Gal/sk
Top of Fluid: 0 ft
Calculated Fill: 500 ft
Volume: 59.17 bbl
Calculated Sacks: 186.53 sks
Proposed Sacks: 190 sks

Fluid 3: Tail Cement

Premium Plus V Cement
94 lbm/sk Premium Plus V Cement (Cement)
2 % Calcium Chloride (Accelerator)
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 15.60 lbm/gal
Slurry Yield: 1.20 ft³/sk
Total Mixing Fluid: 5.25 Gal/sk
Top of Fluid: 500 ft
Calculated Fill: 300 ft
Volume: 38.05 bbl
Calculated Sacks: 178.32 sks
Proposed Sacks: 180 sks

Fluid 4: Water Spacer
Displacement

Fluid Density: 8.33 lbm/gal
Fluid Volume: 48.40 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Gel Water Ahead	8.4	3.0	20 bbl
2	Cement	HLC	12.8	3.0	190 sks
3	Cement	Premium Plus V	15.6	3.0	180 sks
4	Spacer	Displacement	8.3	3.0	48.40 bbl

HALLIBURTON

Cost Estimate

8 5/8" Surface

SAP Quote #0

<u>Mtrl Nbr</u>	<u>Description</u>	<u>Qty</u>	<u>U/M</u>	<u>Unit Price</u>	<u>Gross Amt</u>	<u>Discount</u>	<u>Net Amt</u>
7521	CMT SURFACE CASING BOM	1	JOB	0.00	0.00	30.0%	0.00
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	510 1	MI	8.74	4,457.40	30.0%	3,120.18
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	510 1	MI	5.14	2,621.40	30.0%	1,834.98
16091	ZI - PUMPING CHARGE DEPTH FEET/METERS (FT/M)	1 800 FT	EA	4,406.00	4,406.00	30.0%	3,084.20
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	1,472.00	1,472.00	30.0%	1,030.40
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	2,031.00	2,031.00	30.0%	1,421.70
10	FOOD AND LODGING, ZI NUMBER OF PERSONNEL ON JOB	1 4	DAY	583.00	2,332.00	0.0%	2,332.00
EQUIPMENT & SERVICES							
SubTotal				USD	17,319.80	25.96%	12,823.46
201087	BA.QUIK-GEL - 50 LB BAG	4	BAG	48.43	193.72	30.0%	135.60
12311	HALLIBURTON LIGHT PREMIUM	190	SK	31.99	6,078.10	30.0%	4,254.67
100003684	PREMIUM PLUS V CEMENT	180	SK	38.49	6,928.20	30.0%	4,849.74
100005053	CALCIUM CHLORIDE HI TEST PLT	7	SK	224.10	1,568.70	30.0%	1,098.09
100005049	FLOCELE	93	LB	7.00	651.00	30.0%	455.70
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	255 17.39	MI	2.99	13,259.01	30.0%	9,281.31
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	400 1	CF	4.90	1,960.00	30.0%	1,372.00
MATERIALS							
SubTotal				USD	30,638.73	30.0%	21,447.11
100004936	SHOE,FLT,8-5/8 8 RD,2-3/4 SUPER SEAL	1	EA	1,048.00	1,048.00	30.0%	733.60
100004805	CLR,FLT,8-5/8 8RD 24-44PPF,2-3/4SSII	1	EA	1,314.00	1,314.00	30.0%	919.80
100004628	CLAMP - LIMIT - 8-5/8 - HINGED -	1	EA	50.70	50.70	30.0%	35.49
100004484	CENTRALIZER ASSY - API - 8-5/8 CSG X	10	EA	174.00	1,740.00	30.0%	1,218.00
100005045	KIT,HALL WELD-A	1	EA	66.30	66.30	30.0%	46.41
101227839	PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA	339.00	339.00	30.0%	237.30
FLOAT EQUIPMENT							
SubTotal				USD	4,558.00	30.0%	3,190.60
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	120.00	120.00	0.0%	120.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	74.00	74.00	0.0%	74.00
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	470 1	MI	0.40	188.00	0.0%	188.00
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	470 1	MI	0.13	61.10	0.0%	61.10
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	235 17.39		0.13	531.26	0.0%	531.26

HALLIBURTON

<u>Mtrl Nbr</u>	<u>Description</u>	<u>Qty</u>	<u>U/M</u>	<u>Unit Price</u>	<u>Gross Amt</u>	<u>Discount</u>	<u>Net Amt</u>
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	215.20	430.40	0.0%	430.40
432487	CMT, Bulk Cement Surcharge	370	EA	1.38	510.60	0.0%	510.60
	SURCHARGES						
	SubTotal			USD	1,915.36	0.0%	1,915.36
	Total			USD			54,431.89
	Discount			USD			15,055.36
	Discounted Total			USD			39,376.53

Primary Plant: Vernal, UT, USA
Secondary Plant: Vernal, UT, USA

Price Book Ref: 01 Western US
Price Date: 10/27/2005

Job Information

Plug Back

Christensen

6-6

8 5/8" Surface

0 - 800 ft (MD)
0 - 800 ft (TVD)

Outer Diameter

8.625 in

Inner Diameter

8.097 in

Linear Weight

24 lbm/ft

Casing Grade

J-55

7 7/8" Open Hole

800 - 4898 ft (MD)
800 - 4898 ft (TVD)

Inner Diameter

7.875 in

3 1/2" Drill Pipe

0 - 4898 ft (MD)
0 - 4898 ft (TVD)

Outer Diameter

3.500 in

Inner Diameter

2.764 in

Linear Weight

13.30 lbm/ft

Tubing Grade

N-80

Calculations**Plug Back**

Spacer:

$$\begin{aligned} 331.99 \text{ ft} * 0.3382 \text{ ft}^3/\text{ft} * 0 \% &= 112.29 \text{ ft}^3 \\ \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

Cement : (898.00 ft fill)

$$\begin{aligned} 898.00 \text{ ft} * 0.3382 \text{ ft}^3/\text{ft} * 0 \% &= 303.74 \text{ ft}^3 \\ \text{Plug Cement} &= 303.74 \text{ ft}^3 \\ &= 54.10 \text{ bbl} \end{aligned}$$

$$\text{Total Pipe Capacity: (4898.00 ft MD)} = 55.37 \text{ ft}^3$$

Job Recommendation

Plug Back

Fluid Instructions

Fluid 1: Water Spacer
Water Ahead

Fluid Density: 8.33 lbm/gal
Total Volume: 20 bbl
Volume Ahead: 20 bbl

Fluid 2: Plug Cement

Premium - AG
94 lbm/sk Premium - AG (Cement-api)

Fluid Weight 15.80 lbm/gal
Slurry Yield: 1.15 ft³/sk
Total Mixing Fluid: 4.99 Gal/sk
Top of Fluid: 4000 ft
Calculated Fill: 898 ft
Volume: 54.10 bbl
Calculated Sacks: 265 sks
Proposed Sacks: 265 sks

Fluid 3: Water Spacer
Displacement

Fluid Density: 8.33 lbm/gal
Total Volume: 20 bbl
Volume Behind: 29 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Ahead	8.3	5.0	17.34 bbl
2	Cement	Premium AG	15.8	5.0	265 sks
3	Spacer	Displacement	8.3	5.0	29 bbl

HALLIBURTON

Cost Estimate

Plug Back

SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7530	CMT PLUG BACK BOM	1	JOB	0.00	0.00	30.0%	0.00
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	470 1	MI	8.74	4,107.80	30.0%	2,875.46
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	470 1	MI	5.14	2,415.80	30.0%	1,691.06
16094	PLUG BACK/SPOT CEMENT OR MUD,ZI DEPTH FEET/METERS (FT/M)	1 4898 FT	EA	7,168.00	7,168.00	30.0%	5,017.60
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	1,472.00	1,472.00	30.0%	1,030.40
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	2,031.00	2,031.00	30.0%	1,421.70
10	FOOD AND LODGING, ZI NUMBER OF PERSONNEL ON JOB	1 3	DAY	583.00	1,749.00	0.0%	1,749.00
	EQUIPMENT & SERVICES						
	SubTotal			USD	18,943.60	27.23%	13,785.22
100003685	PREMIUM AG BULK CEMENT	265	SK	38.49	10,199.85	30.0%	7,139.89
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	235 12.46	MI	2.99	8,755.02	30.0%	6,128.51
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	265 1	CF	4.90	1,298.50	30.0%	908.95
	MATERIALS						
	SubTotal			USD	20,253.37	30.0%	14,177.35
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	120.00	120.00	0.0%	120.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	74.00	74.00	0.0%	74.00
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	470 1	MI	0.40	188.00	0.0%	188.00
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	470 1	MI	0.13	61.10	0.0%	61.10
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	235 12.46		0.13	380.65	0.0%	380.65
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	215.20	430.40	0.0%	430.40
432487	CMT, Bulk Cement Surcharge	265	EA	1.38	365.70	0.0%	365.70
	SURCHARGES						
	SubTotal			USD	1,619.85	0.0%	1,619.85
	Total			USD			40,816.82
	Discount			USD			11,234.40
	Discounted Total			USD			29,582.42

Primary Plant: Vernal, UT, USA
 Secondary Plant: Vernal, UT, USA

Price Book Ref: 01 Western US
 Price Date: 10/27/2005

HALLIBURTON

Job Information**5 1/2" Production**

Christensen

6-6

8 5/8" Surface0 - 800 ft (MD)
0 - 800 ft (TVD)

Outer Diameter

8.625 in

Inner Diameter

8.097 in

Linear Weight

24 lbm/ft

Casing Grade

J-55

7 7/8" Open Hole800 - 4000 ft (MD)
800 - 4898 ft (TVD)

Inner Diameter

7.875 in

Job Excess

30 %

5 1/2" Production0 - 4000 ft (MD)
0 - 4000 ft (TVD)

Outer Diameter

5.500 in

Inner Diameter

4.892 in

Linear Weight

17 lbm/ft

Casing Grade

N-80

Calculations**5 1/2" Production**

Spacer:

$$\begin{aligned} 42.00 \text{ ft} * 0.1926 \text{ ft}^3/\text{ft} * 0 \% &= 8.09 \text{ ft}^3 \\ \text{Total Spacer} &= 56.15 \text{ ft}^3 \\ &= 10.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} 583.00 \text{ ft} * 0.1926 \text{ ft}^3/\text{ft} * 0 \% &= 112.28 \text{ ft}^3 \\ \text{Total Spacer} &= 112.29 \text{ ft}^3 \\ &= 20.00 \text{ bbl} \end{aligned}$$

Spacer:

$$\begin{aligned} 175.00 \text{ ft} * 0.1926 \text{ ft}^3/\text{ft} * 0 \% &= 33.70 \text{ ft}^3 \\ 100.00 \text{ ft} * 0.1733 \text{ ft}^3/\text{ft} * 30 \% &= 22.52 \text{ ft}^3 \\ \text{Total Spacer} &= 56.15 \text{ ft}^3 \\ &= 10.00 \text{ bbl} \end{aligned}$$

Cement : (3100.00 ft fill)

$$\begin{aligned} 3100.00 \text{ ft} * 0.1733 \text{ ft}^3/\text{ft} * 30 \% &= 698.22 \text{ ft}^3 \\ \text{Tail Cement} &= 698.22 \text{ ft}^3 \\ &= 124.36 \text{ bbl} \end{aligned}$$

Shoe Joint Volume: (40.00 ft fill)

$$\begin{aligned} 40.00 \text{ ft} * 0.1305 \text{ ft}^3/\text{ft} &= 5.22 \text{ ft}^3 \\ &= 0.93 \text{ bbl} \\ \text{Tail plus shoe joint} &= 703.44 \text{ ft}^3 \\ &= 125.29 \text{ bbl} \\ \text{Total Tail} &= 593 \text{ sks} \end{aligned}$$

Total Pipe Capacity:

$$\begin{aligned} 4000.00 \text{ ft} * 0.1305 \text{ ft}^3/\text{ft} &= 522.11 \text{ ft}^3 \\ &= 92.99 \text{ bbl} \end{aligned}$$

Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 92.99 \text{ bbl} - 0.93 \text{ bbl} \\ &= 92.06 \text{ bbl} \end{aligned}$$

Job Recommendation

5 1/2" Production

Fluid Instructions

Fluid 1: Water Spacer
Water Ahead

Fluid Density: 8.33 lbm/gal
Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density: 9.20 lbm/gal
Fluid Volume: 20 bbl

Fluid 3: Water Spacer
Water Spacer

Fluid Density: 8.33 lbm/gal
Fluid Volume: 10 bbl

Fluid 4: Tail Cement
50/50 Poz Premium AG

2 % Total Bentonite (Light Weight Additive)
0.6 % Halad(R)-322 (Low Fluid Loss Control)
0.2 % Super CBL (Expander)
2 % Microbond (Expander)
0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight 14.50 lbm/gal
Slurry Yield: 1.19 ft³/sk
Total Mixing Fluid: 5.06 Gal/sk
Top of Fluid: 900 ft
Calculated Fill: 3100 ft
Volume: 125.29 bbl
Calculated Sacks: 593.12 sks
Proposed Sacks: 595 sks

Fluid 5: Water Based Spacer
Displacent

Fluid Density: 8.33 lbm/gal
Fluid Volume: 92.06 bbl

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Ahead	8.3	5.0	10 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Water Spacer	8.3	5.0	10 bbl
4	Cement	50/50 Poz	14.5	5.0	595 sks
5	Spacer	Displacent	8.3	5.0	92.06 bbl

HALLIBURTON

Cost Estimate

5 1/2" Production

SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7523	CMT PRODUCTION CASING BOM	1	JOB	0.00	0.00	30.0%	0.00
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	470 1	MI	8.74	4,107.80	30.0%	2,875.46
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	470 1	MI	5.14	2,415.80	30.0%	1,691.06
16091	ZI - PUMPING CHARGE DEPTH FEET/METERS (FT/M)	1 4000 FT	EA	5,459.00	5,459.00	30.0%	3,821.30
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	1,472.00	1,472.00	30.0%	1,030.40
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	2,031.00	2,031.00	30.0%	1,421.70
10	FOOD AND LODGING, ZI NUMBER OF PERSONNEL ON JOB	1 4	DAY	583.00	2,332.00	0.0%	2,332.00
EQUIPMENT & SERVICES							
SubTotal				USD	17,817.60	26.07%	13,171.92
100003639	HALLIBURTON SUPER FLUSH	20	SK	269.00	5,380.00	30.0%	3,766.00
12302	50-50 POZ (PREMIUM AG)	595	SK	29.55	17,582.25	30.0%	12,307.57
100003646	HALAD-322	294	LB	16.86	4,956.84	30.0%	3,469.79
100003669	MICROBOND ADDITIVE -	979	LB	4.08	3,994.32	30.0%	2,796.02
100003668	SUPER CBL	98	LB	64.60	6,330.80	30.0%	4,431.56
100005049	FLOCELE	149	LB	7.00	1,043.00	30.0%	730.10
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	235 25.72	MI	2.99	18,072.16	30.0%	12,650.51
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	648 1	CF	4.90	3,175.20	30.0%	2,222.64
MATERIALS							
SubTotal				USD	60,534.57	30.0%	42,374.19
100004895	SHOE,FLOAT,5 1/2 8RD,2 3/4 SUPER SEAL	1	EA	680.00	680.00	30.0%	476.00
100004769	CLR,FLT,5-1/2 8RD,14-23PPF,2-3/4	1	EA	797.00	797.00	30.0%	557.90
100004624	CLAMP - LIMIT - 5-1/2 - HINGED -	1	EA	43.20	43.20	30.0%	30.24
100004476	CTRZR ASSY,5 1/2 CSG X 7 7/8 HOLE,HINGED	20	EA	130.00	2,600.00	30.0%	1,820.00
101237390	PLUG,CMTG,TOP,5 1/2,HWE,4.38 MIN/5.09 MA	1	EA	185.00	185.00	30.0%	129.50
100005045	KIT,HALL WELD-A	1	EA	66.30	66.30	30.0%	46.41
FLOAT EQUIPMENT							
SubTotal				USD	4,371.50	30.0%	3,060.05
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	120.00	120.00	0.0%	120.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	74.00	74.00	0.0%	74.00
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	470 1	MI	0.40	188.00	0.0%	188.00
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	470 1	MI	0.13	61.10	0.0%	61.10
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	235		0.13	785.75	0.0%	785.75

HALLIBURTON

<u>Mtrl Nbr</u>	<u>Description</u>	<u>Qty</u>	<u>U/M</u>	<u>Unit Price</u>	<u>Gross Amt</u>	<u>Discount</u>	<u>Net Amt</u>
	NUMBER OF TONS	25.72					
372867	Cmt PSL - DOT Vehicle Charge, CMT	3	EA	215.20	645.60	0.0%	645.60
432487	CMT, Bulk Cement Surcharge	595	EA	1.38	821.10	0.0%	821.10
	SURCHARGES						
	SubTotal			USD	2,695.55	0.0%	2,695.55
	Total			USD			85,419.22
	Discount			USD			24,117.51
	Discounted Total			USD			61,301.71

Primary Plant: Vernal, UT, USA
Secondary Plant: Vernal, UT, USA

Price Book Ref: 01 Western US
Price Date: 10/27/2005

Conditions

The cost in this analysis is good for the materials and/or services outlined within. These prices are based on Halliburton being awarded the work on a first call basis. Prices will be reviewed for adjustments if awarded on 2nd or 3rd call basis and/or after 30 days of this written analysis. This is in an effort to schedule our work and maintain a high quality of performance for our customers.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at:

http://www.halliburton.com/hes/general_terms_conditions.pdf for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.

Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.

If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 1, 2005

Liberty Pioneer Energy Source
1527 N Tech Way, C23
Orem, UT 84097

Re: Christensen 6-6 Well, 2001' FNL, 2012' FWL, SE NW, Sec. 6, T. 16 South,
R. 3 East, Sanpete County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-039-30026.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Sanpete County Assessor

Operator: Liberty Pioneer Energy Source
Well Name & Number Christensen 6-6
API Number: 43-039-30026
Lease: Fee

Location: SE NW Sec. 6 T. 16 South R. 3 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

5. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		6. LEASE DESIGNATION AND SERIAL NUMBER:	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: N/A	
		8. WELL NAME and NUMBER: Christensen 6-6	
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		9. API NUMBER: 4303930026	
2. NAME OF OPERATOR: Liberty Pioneer Energy Source		10. FIELD AND POOL, OR WILDCAT: Wildcat	
3. ADDRESS OF OPERATOR: 1527 N. Technology Way Orem		PHONE NUMBER: (801) 224-4771	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2001 FNL 2012 FWL		COUNTY Sanpete	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 6 16S 3E S		STATE: UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/9/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER <u>spud report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

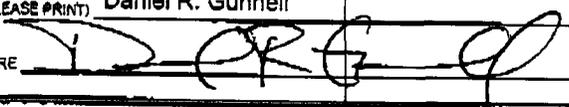
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Drilled 50' of 24" conductor hole
Cemented 50' of 16" conductor pipe.

Drilled 60' of 20" mouse hole and rat holes.
Set 60' of 14" light wall liner pipe.

Drill well as described in APD, approved on 11/1/05

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NAME (PLEASE PRINT) Daniel R. Gunnell	TITLE President
SIGNATURE 	DATE 12/6/2005

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Liberty Pioneer Energy Source
Address: 1527 N. Technology Way
city Orem
state UT zip 84097

Operator Account Number: N 2855

Phone Number: (801) 224-4771

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4303930026	Christensen 6-6	SENW	6	16S	3E	Sanpete
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	15107	12/4/2005		12/22/05	
Comments: <u>ENRD</u>						
CONFIDENTIAL <u>K</u>						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
Comments: 						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
Comments: 						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Kimball Hodges

Name (Please Print)

Signature

Vice President

Title

12/9/2005

Date

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DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR: **Liberty Pioneer Energy Source**

3. ADDRESS OF OPERATOR: 1527 North Technology Way CITY: Orem STATE: UT ZIP: 84097 PHONE NUMBER: (801) 224-4771

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2001' FNL, 2012' FWL COUNTY: Sanpete
QTR/QTR. SECTION. TOWNSHIP. RANGE, MERIDIAN. SENW 6 16S 3E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER <u>Waiting on Completion Rig</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Drilling complete. TD at 3934'. Set long string 5 1/2" casing to 3932'. Waiting on completion rig to complete well. Could be 1-2 months.

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NAME (PLEASE PRINT) Kimball Hodges TITLE Vice President
SIGNATURE [Signature] DATE 12/22/2005

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
2. NAME OF OPERATOR: Liberty Pioneer Energy Source		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1527 N Tech Way, C 2, CITY Orem STATE UT ZIP 84097		7. UNIT or CA AGREEMENT NAME: undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2,001' FNL, 2,012 FWL, COUNTY: Sanpete QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 6 16S 3E S STATE: UTAH		8. WELL NAME and NUMBER: Christensen #6-6
		9. API NUMBER: 4303930026
		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
		PHONE NUMBER: (801) 224-4771

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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Drilling Reports</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached please find the weekly drilling reports for the Christensen #6-6 well.

Liberty Pioneer requests that this complete set of drilling reports be held confidential.

ORIGINAL
CONFIDENTIAL

NAME (PLEASE PRINT) <u>Don Hamilton</u>	TITLE <u>Agent for Liberty Pioneer</u>
SIGNATURE <u>Don Hamilton</u>	DATE <u>12/28/2005</u>

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UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
DATE 12/4/05
JOB NO. 32-0025
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 4,500 EST. DAYS EST. BITS P. O. NO.
PRESENT OPERATION MAKING UP BIT

DAYS FROM SPUD DEPTH FOOTAGE FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U 4 TRIP N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE
DRILL LOG HOLE DRLG CMT FISHING
CIRC RUN CSG MIX MUD SHUT DOWN
SURVEY CEMENT REAM DRYWATCH
OTHER: 20HRS- W/O SUB'S, W/O THE REST OF THE RIG EQUIPMENT

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 Liner Sz Press. VIS Mud Wt
AIR VOLUME PSI Dust/Foam/Fluid
RPM BIT WEIGHT DRAG TORQUE
String Weight Pull Weight Down Drag
SURVEYS @ @ @
GAS CHECKS Water Check
BIT IN HOLE # MFGR TYPE SIZE JETS
SERIAL # IN @ MADE FT IN HRS FT/HR
LAST BIT # IN @ OUT @ MADE FT
IN HRS FT/HR T B G
EST. PROGRESS NEXT 24 HRS. DRILL 12 1/4 HOLE

MOVE RIG TO: COMPANY/WELL NAME & NO.
Drill Pipe Size Wt. Est. TD API #
D. C. Size Qty conn
FUEL USED 280 GAL REPAIRS NEEDED
NUMBER OF MEN 12 OVERTIME WORKED 0 MEN 0 HOURS
REASON FOR O.T.
NEW HIRES (NAME/ SS# /POSITION /1ST DAY) NONE
TERMINATIONS (NAME / LAST DAY / REASON) NONE
INJURIES(NAME / INJURY / DR. / HOSP) NONE

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SPUD DATE 12/3/2005 SPUD TME AM AM/PM
TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

Table with 8 columns: DATE CASING RAN, CASING SIZE, CASING SET AT, NO OF JOINTS, TOTAL FOOTAGE RAN, Cement No. Sks, Cement Service, PLUG DOWN TIME. Includes AM and PM time slots.

COMMENTS:



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

DATE 12/6/05

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PRESENT OPERATION DRILLING 12 1/4 HOLE

JOB NO. 32-0025
PERMIT #
P. O. NO.

DAYS FROM SPUD 2 DEPTH 540 FOOTAGE 345 FORMATION SD&SH
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS 1.5
MOVE R/J TRIP 5 N/U - N/D W.O.O.
RATHOLE L.D.D.P 0.5 TEST B.O.P'S RIG SERVICE
DRILL 10.5 LOG HOLE DRLG CMT FISHING
CIRC RUN CSG MIX MUD SHUT DOWN
SURVEY 1 CEMENT REAM 2 DRYWATCH
OTHER: 1.5- RIG UP AIR & BLOW KELLY
2HRS- UNPLUG BIT & 2, 8" COLLARS

PUMP F-800 120 Liner Sz 6" Press. 700 VIS 32 Mud Wt 8.6 solids
PUMP F-800 Liner Sz Press. VIS Mud Wt
AIR VOLUME PSI Dust/Foam/Fluid FLUID
RPM 100 BIT WEIGHT 12-15,000 DRAG TORQUE
String Weight Pull Weight Down Drag
SURVEYS 1 @ 196 1/2 @ 380 @
GAS CHECKS Water Check

BIT IN HOLE # 1 MFGR JZ TYPE JB3 SIZE 12 1/4 JETS 3-16
SERIAL # LR668 IN @ 60 MADE 480 FT IN 16 HRS 30 FT/HR
LAST BIT # IN @ OUT @ MADE FT
IN HRS FT/HR T B G

EST. PROGRESS NEXT 24 HRS. DRILL 12 1/4 HOLE
TD HOLE, CIRC, T.O.O.H. T.I.H. CIRC

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size Wt. Est. TD API #
D. C. Size Qty conn

FUEL USED 760 REPAIRS NEEDED

NUMBER OF MEN 12 OVERTIME WORKED 0 MEN 0 HOURS

REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY) NONE

TERMINATIONS (NAME / LAST DAY / REASON) NONE

INJURIES(NAME / INJURY / DR. / HOSP) NONE

SPUD DATE 12/4/2005 SPUD TME 11:30 AM AM/PM

TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

CASING RAN AND CEMENT JOB

Table with 8 columns: DATE CASING RAN, CASING SIZE, CASING SET AT, NO OF JOINTS, TOTAL FOOTAGE RAN, Cement No. Sks, Cement Service, PLUG DOWN TIME. Includes AM and PM time slots.

COMMENTS:

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UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

DATE 12/7/05

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PRESENT OPERATION T.O.O.H

DAYS FROM SPUD 3 DEPTH 840 FOOTAGE 320 FORMATION SD&SH
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP 8.5 N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE 0.5
DRILL 11 LOG HOLE DRLG CMT FISHING
CIRC 1.5 RUN CSG MIX MUD SHUT DOWN
SURVEY 0.5 CEMENT REAM DRYWATCH
OTHER: 2- BLOW OUT KELLY

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 Liner Sz Press. VIS Mud Wt
AIR VOLUME PSI Dust/Foam/Fluid

RPM BIT WEIGHT DRAG TORQUE
String Weight Pull Weight Down Drag

SURVEYS 1/4 @ 600 @

GAS CHECKS Water Check

BIT IN HOLE # 1 MFGR JZ TYPE JB3 SIZE 12 1/4 JETS 3-16

SERIAL # LR668 IN @ 60 MADE 780 FT IN 27 HRS 29 FT/HR

LAST BIT # IN @ OUT @ MADE FT

IN HRS FT/HR T B G

EST. PROGRESS NEXT 24 HRS. T.I.H. & CIRC, T.O.O.H RUN 8 5/8 CSG

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size Wt. Est. TD API #
D. C. Size Qty conn

FUEL USED 800 REPAIRS NEEDED

NUMBER OF MEN 12 OVERTIME WORKED 0 MEN 0 HOURS

REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY) NONE

TERMINATIONS (NAME / LAST DAY / REASON) NONE

INJURIES(NAME / INJURY / DR / HOSP) NONE

SPUD DATE 12/4/2005 SPUD TME 11:30 AM AM/PM

TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

Table with 8 columns: DATE CASING RAN, CASING SIZE, CASING SET AT, NO OF JOINTS, TOTAL FOOTAGE RAN, Cement No. Sks, Cement Service, PLUG DOWN TIME. Includes AM and PM time slots.

COMMENTS:



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

DATE 12/8/05

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PRESENT OPERATION NIPPLING UP

DAYS FROM SPUD 4 DEPTH 840 FOOTAGE FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT 6 REPAIRS
MOVE R/U TRIP 7 N/U - N/D 2 W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE
DRILL LOG HOLE DRLG CMT FISHING
CIRC RUN CSG 4 MIX MUD SHUT DOWN
SURVEY CEMENT 1 REAM DRYWATCH
OTHER: 4HRS- CUT COND & WELD WELL HEAD ON

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 Liner Sz Press. VIS Mud Wt
AIR VOLUME PSI Dust/Foam/Fluid
RPM BIT WEIGHT DRAG TORQUE
String Weight Pull Weight Down Drag
SURVEYS 1/4 @ 800 @ @
GAS CHECKS Water Check
BIT IN HOLE # MFGR TYPE SIZE JETS
SERIAL # IN @ MADE FT IN HRS FT / HR
LAST BIT # 1 IN @ 60 OUT @ 840 MADE 780 FT
IN 27 HRS 29 FT/HR T B G
EST. PROGRESS NEXT 24 HRS. NIPPLE UP, TEST BOP, T.I.H. & DRILL PLUG & 7 7/8 HOLE

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size Wt. Est. TD API #
D. C. Size Qty conn

FUEL USED 640 REPAIRS NEEDED

NUMBER OF MEN 12 OVERTIME WORKED 0 MEN 0 HOURS

REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY) NONE

TERMINATIONS (NAME / LAST DAY / REASON) NONE

INJURIES(NAME / INJURY / DR. / HOSP) NONE

SPUD DATE 12/4/2005 SPUD TME 11:30 AM AM/PM

TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

CASING RAN AND CEMENT JOB

Table with 8 columns: DATE, CASING SIZE, CASING SET AT, NO OF JOINTS, TOTAL FOOTAGE RAN, Cement No. Sks, Cement Service, PLUG DOWN TIME. Row 1: 12/7/2005, 8 5/8, 840, 19, 842, 165, BIG 4, 6:00 PM.

COMMENTS: GOOD RETURNS ON CEMENT JOB



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER DATE 12/9/05
 WELL NAME & NO. CHRISTENSEN # 6-6 JOB NO. 32-0025
 STATE UT COUNTY SANPETE DISTRICT _____ PERMIT # _____
 EST. T.D. 5,000 EST. DAYS 20 EST. BITS _____ P. O. NO. _____
 PRESENT OPERATION T.I.H.

DAYS FROM SPUD 5 DEPTH 840 FOOTAGE _____ FORMATION _____
 LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
 MOVE R/U _____ TRIP 2 N/U - N/D 6 W.O.O.
 RATHOLE _____ L.D.D.P _____ TEST B.O.P'S 10 RIG SERVICE _____
 DRILL _____ LOG HOLE _____ DRLG CMT _____ FISHING _____
 CIRC _____ RUN CSG _____ MIX MUD _____ SHUT DOWN _____
 SURVEY _____ CEMENT _____ REAM _____ DRYWATCH _____
 OTHER: 4HRS- THAW OUT FLOWLINE
2HRS- THAW OUT AIR LINES

PUMP F-800 _____ Liner Sz _____ Press. _____ VIS _____ Mud Wt _____ solids _____
 PUMP F-800 _____ Liner Sz _____ Press. _____ VIS _____ Mud Wt _____
 AIR VOLUME _____ PSI _____ Dust/Foam/Fluid _____
 RPM _____ BIT WEIGHT _____ DRAG _____ TORQUE _____
 String Weight _____ Pull Weight _____ Down Drag _____
 SURVEYS _____ @ _____ @ _____ @ _____
 GAS CHECKS _____ Water Check _____
 BIT IN HOLE # _____ MFGR _____ TYPE _____ SIZE _____ JETS _____
 SERIAL # _____ IN @ _____ MADE _____ FT IN _____ HRS _____ FT / HR _____
 LAST BIT # 1 IN @ 60 OUT @ 840 MADE 780 FT _____
 IN 27 HRS 29 FT/HR T _____ B _____ G _____
 EST. PROGRESS NEXT 24 HRS. T.I.H. & DRILL OUT PLUG & 7 7/8 HOLE

MOVE RIG TO: COMPANY/WELL NAME & NO. _____

Drill Pipe Size _____ Wt. _____ Est. TD _____ API # _____
 D. C. Size _____ Qty _____ conn _____
 FUEL USED 480 REPAIRS NEEDED _____
 NUMBER OF MEN 12 OVERTIME WORKED 0 MEN 0 HOURS

REASON FOR O.T. _____
 NEW HIRES (NAME/ SS# /POSITION /1ST DAY) NONE

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TERMINATIONS (NAME / LAST DAY / REASON) NONE

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INJURIES(NAME / INJURY / DR. / HOSP) NONE

SPUD DATE 12/4/2005 SPUD TME 11:30 AM AM/PM _____
 TD DATE _____ TIME AM _____ AM/PM _____
 Rig Time-Start: _____ AM / PM Rig Time-Stopped: _____ AM / PM

CASING RAN AND CEMENT JOB

DATE	CASING SIZE	CASING SET AT	NO OF JOINTS	TOTAL FOOTAGE RAN	Cement No. Sks	Cement Service	PLUG DOWN TIME
<u>12/7/2005</u>	<u>8 5/8</u>	<u>840</u>	<u>19</u>	<u>842</u>	<u>690</u>	<u>BIG 4</u>	<u>6:00</u>
							AM PM

COMMENTS: MINUS 5 THIS MORNING.

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UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
DATE 12/10/05
STATE UT COUNTY SANPETE DISTRICT
JOB NO. 32-0025
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PERMIT #
P. O. NO.
PRESENT OPERATION T.I.H.

DAYS FROM SPUD 6 DEPTH 995 FOOTAGE 155 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP 6 N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE
DRILL 7.5 LOG HOLE DRLG CMT 4.5 FISHING
CIRC RUN CSG MIX MUD SHUT DOWN
SURVEY CEMENT REAM DRYWATCH
OTHER: 6 HRS- THAW #2 MP AND WORK ON #1 MP

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 90 Liner Sz 6" Press. 498 VIS 27 Mud Wt 8.4
AIR VOLUME PSI Dust/Foam/Fluid
RPM 50-60 BIT WEIGHT 8-10 DRAG NA TORQUE NA
String Weight 65K Pull Weight Down Drag
SURVEYS @ @ @
GAS CHECKS Water Check
BIT IN HOLE # 2 MFGR JZ TYPE HAT437 SIZE 7 7/8 JETS 2-16 1-BL
SERIAL # 16970 IN @ 840 MADE 155 FT IN 5.5 HRS 36.1 FT/HR
LAST BIT # 1 IN @ 60 OUT @ 840 MADE 780 FT
IN 27 HRS 29 FT/HR T B G
EST. PROGRESS NEXT 24 HRS. DRILL 7 7/8 HOLE

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size Wt. Est. TD API #
D. C. Size Qty conn
FUEL USED 672 REPAIRS NEEDED CLUTCH IN #1 MP
NUMBER OF MEN 10 OVERTIME WORKED 2 MEN 6 HOURS
REASON FOR O.T. SHORT ON DAYLIGHTS, WORK ON BOILER LINES
NEW HIRES (NAME/ SS# /POSITION /1ST DAY) NONE

TERMINATIONS (NAME / LAST DAY / REASON) NONE
RECEIVED
JAN 03 2006

INJURIES(NAME / INJURY / DR. / HOSP) NONE
DIV. OF OIL, GAS & MINING

SPUD DATE 12/4/2005 SPUD TME 11:30 AM AM/PM
TD DATE TIME AM AM/PM
Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

Table with 8 columns: DATE CASING RAN, CASING SIZE, CASING SET AT, NO OF JOINTS, TOTAL FOOTAGE RAN, Cement No. Sks, Cement Service, PLUG DOWN TIME. Row 1: 12/7/2005, 8 5/8, 840, 19, 842, 690, BIG 4, 6:00 PM.

COMMENTS: MINUS 5 THIS MORNING.



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PRESENT OPERATION DRILL 7 7/8 HOLE 75 MIN KELLYS

DATE 12/11/05

DAYS FROM SPUD 7 DEPTH 1443 FOOTAGE 385 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS 1
MOVE R/U TRIP N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE 1
DRILL 21 LOG HOLE DRLG CMT FISHING
CIRC RUN CSG MIX MUD SHUT DOWN
SURVEY .5 CEMENT REAM DRYWATCH
OTHER: THAW AIR LINES .5

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 90 Liner Sz 6" Press. 570 VIS 40 Mud Wt 8.8
AIR VOLUME PSI Dust/Foam/Fluid
RPM 70 BIT WEIGHT 8-10 DRAG NA TORQUE NA
String Weight 78K Pull Weight Down Drag
SURVEYS @ @ @
GAS CHECKS Water Check
BIT IN HOLE # 2 MFGR JZ TYPE HAT437 SIZE 7 7/8 JETS 2-16 1-BL
SERIAL # 16970 IN @ 840 MADE 603 FT IN 22.5 HRS 26.8 FT/HR
LAST BIT # 1 IN @ 60 OUT @ 840 MADE 780 FT
IN 27 HRS 29 FT/HR T B G

EST. PROGRESS NEXT 24 HRS. DRILL 7 7/8 HOLE

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size Wt. Est. TD API #
D. C. Size Qty conn

FUEL USED 546 REPAIRS NEEDED

NUMBER OF MEN 9 OVERTIME WORKED MEN HOURS

REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY) MICHAEL PINNEY/573-65-5984

TERMINATIONS (NAME / LAST DAY / REASON) NONE

INJURIES(NAME / INJURY / DR. / HOSP) NONE

SPUD DATE 12/4/2005 SPUD TME 11:30 AM

TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

Table with 8 columns: DATE CASING RAN, CASING SIZE, CASING SET AT, NO OF JOINTS, TOTAL FOOTAGE RAN, Cement No. Sks, Cement Service, PLUG DOWN TIME. Row 1: 12/7/2005, 8 5/8, 840, 19, 842, 690, BIG 4, 6:00 PM.

COMMENTS: STRING WT 78K UP 78K DOWN 77K ROT 78K

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DIV. OF OIL, GAS & MINING



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PRESENT OPERATION DRILL 7 7/8 HOLE 90 MIN KELLYS

DATE 12/12/05

JOB NO. 32-0025

PERMIT #

P. O. NO.

DAYS FROM SPUD 8 DEPTH 1785 FOOTAGE 342 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE .5
DRILL 18 LOG HOLE DRLG CMT FISHING
CIRC RUN CSG MIX MUD 1.5 SHUT DOWN
SURVEY .5 CEMENT REAM DRYWATCH
OTHER: INSTALL DRILL NIPPLE (1) CLEAN CEMENT OUT OF FLOW LINE (2)
WORK ON MPS (.5)

PUMP F-800 Liner Sz Press. VIS Mud Wt solids

PUMP F-800 85 Liner Sz 6" Press. 590 VIS 42 Mud Wt 8.9

AIR VOLUME PSI Dust/Foam/Fluid

RPM 70 BIT WEIGHT 8000 DRAG NA TORQUE NA

String Weight 78K Pull Weight Down Drag

SURVEYS 1532 @ 1° @

GAS CHECKS Water Check

BIT IN HOLE # 2 MFGR JZ TYPE HAT437 SIZE 7 7/8 JETS 2-16 1-BL

SERIAL # 16970 IN @ 840 MADE 945 FT IN 40.5 HRS 23.3 FT/HR

LAST BIT # 1 IN @ 60 OUT @ 840 MADE 780 FT

IN 27 HRS 29 FT/HR T B G

EST. PROGRESS NEXT 24 HRS. DRILL 7 7/8 HOLE WITH POSSIBLE DST

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size Wt. Est. TD API #

D. C. Size Qty conn

FUEL USED 630 REPAIRS NEEDED

NUMBER OF MEN 9 OVERTIME WORKED MEN HOURS

REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY) MICHAEL PINNEY/573-65-5984

TERMINATIONS (NAME / LAST DAY / REASON) ROBERT JENSEN 12-9-05

DID NOT SHOW UP FOR WORK IN THE PAST TWO DAYS

INJURIES(NAME / INJURY / DR. / HOSP) NONE

RECEIVED
JAN 03 2006

SPUD DATE 12/4/2005 SPUD TME 11:30 AM

TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

CASING RAN AND CEMENT JOB

Table with 8 columns: DATE CASING RAN, CASING SIZE, CASING SET AT, NO OF JOINTS, TOTAL FOOTAGE RAN, Cement No. Sks, Cement Service, PLUG DOWN TIME. Row 1: 12/7/2005, 8 5/8, 840, 19, 842, 690, BIG 4, 6:00 PM.

COMMENTS:

CONFIDENTIAL



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

DATE 12/13/05

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PRESENT OPERATION DRILL 7 7/8 HOLE

JOB NO. 32-0025

PERMIT #

P. O. NO.

DAYS FROM SPUD 9 DEPTH 2113 FOOTAGE 328 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE .5
DRILL 21 LOG HOLE DRLG CMT FISHING
CIRC RUN CSG MIX MUD SHUT DOWN
SURVEY 1.5 CEMENT REAM DRYWATCH
OTHER: UN-THAW FROZEN AIR LINES (1 HR)

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 85 Liner Sz 6" Press. 738 VIS 40 Mud Wt 9.1
AIR VOLUME PSI Dust/Foam/Fluid
RPM 70 BIT WEIGHT 11K DRAG NA TORQUE
String Weight 85K Pull Weight Down Drag
SURVEYS 1 3/4 @ 1,816 1 3/4 @ 1911 1 1/2 @ 2006
GAS CHECKS Water Check
BIT IN HOLE # 2 MFGR JZ TYPE HAT437 SIZE 7 7/8 JETS 2-16 1-BL
SERIAL # 16970 IN @ 840 MADE 1273 FT IN 60 HRS 21.21 FT/HR
LAST BIT # 1 IN @ 60 OUT @ 840 MADE 780 FT
IN 27 HRS 29 FT/HR T B G
EST. PROGRESS NEXT 24 HRS. DRILL 7 7/8 HOLE WITH POSSIBLE DST

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size 4 1/2 Wt. Est. TD API #
D. C. Size Qty conn

FUEL USED 840 REPAIRS NEEDED

NUMBER OF MEN 10 OVERTIME WORKED NONE MEN HOURS

REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY) BRYAN JESSEN 528-55-1346

TERMINATIONS (NAME / LAST DAY / REASON)

INJURIES(NAME / INJURY / DR. / HOSP) NONE

RECEIVED
JAN 03 2006

SPUD DATE 12/4/2005 SPUD TME 11:30 AM

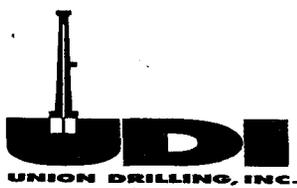
TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

CASING RAN AND CEMENT JOB

Table with 8 columns: DATE CASING RAN, CASING SIZE, CASING SET AT, NO OF JOINTS, TOTAL FOOTAGE RAN, Cement No. Sks, Cement Service, PLUG DOWN TIME. Row 1: 12/7/2005, 8 5/8, 840, 19, 842, 690, BIG 4, 6:00 PM.

COMMENTS:



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER DATE 12/14/05
WELL NAME & NO. CHRISTENSEN # 6-6 JOB NO. 32-0025
STATE UT COUNTY SANPETE DISTRICT PERMIT #
EST. T.D. 5,000 EST. DAYS 20 EST. BITS P. O. NO.
PRESENT OPERATION DRILL 7 7/8 HOLE

DAYS FROM SPUD 10 DEPTH 2390 FOOTAGE 277 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE .5
DRILL 22 LOG HOLE DRLG CMT FISHING
CIRC RUN CSG MIX MUD SHUT DOWN
SURVEY 1.5 CEMENT REAM DRYWATCH
OTHER:

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 90 Liner Sz 6" Press. 810 VIS 39 Mud Wt 9.3
AIR VOLUME PSI Dust/Foam/Fluid
RPM 75 BIT WEIGHT 10K DRAG NA TORQUE
String Weight 85K Pull Weight Down Drag
SURVEYS 2 1/4 @ 2,284 2 1/2 @ 2196 2 @ 2101
GAS CHECKS Water Check
BIT IN HOLE # 2 MFGR JZ TYPE HAT437 SIZE 7 7/8 JETS 2-16 1-BL
SERIAL # 16970 IN @ 840 MADE 1540 FT IN 86 HRS 18 FT/HR
LAST BIT # 1 IN @ 60 OUT @ 840 MADE 780 FT
IN 27 HRS 29 FT/HR T B G
EST. PROGRESS NEXT 24 HRS. DRILL 7 7/8 HOLE

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size 4 1/2 Wt. 16.6 Est. TD D. C. Size 6 Qty 14 conn
FUEL USED 840 REPAIRS NEEDED
NUMBER OF MEN 15 OVERTIME WORKED 2 MEN 8 HOURS
REASON FOR O.T. SHORT ON DAYLIGHTS
NEW HIRES (NAME/ SS# /POSITION /1ST DAY) BRYAN DUNIHO 521-37-7389 12/13/05

TERMINATIONS (NAME / LAST DAY / REASON) CHARLES AXT 12-5-05 NO SHOW
E. BLYNN COBB 12-5-05 NO SHOW

INJURIES(NAME / INJURY / DR. / HOSP) NONE

SPUD DATE 12/14/2005 SPUD TME 11:30 AM AM/PM
TD DATE TIME AM AM/PM
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JAN 03 2006
DIV. OF OIL, GAS & MINING

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

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COMMENTS: BOILER 24 HRS.



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

DATE 12/15/05

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PRESENT OPERATION LAY PST TEST TOOLS

DAYS FROM SPUD 11 DEPTH 2510 FOOTAGE 120 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP 14 1/2 N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE
DRILL 4 LOG HOLE DRLG CMT FISHING
CIRC 1.5 RUN CSG MIX MUD SHUT DOWN
SURVEY CEMENT REAM DRYWATCH
OTHER: PST TEST (4 HR)

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 90 Liner Sz 6" Press. 880 VIS 40 Mud Wt 9.1
AIR VOLUME PSI Dust/Foam/Fluid FLUID
RPM 70 BIT WEIGHT 10-15K DRAG NA TORQUE
String Weight Pull Weight Down Drag
SURVEYS 2 3/4 @ 2,375 @ @
GAS CHECKS Water Check
BIT IN HOLE # MFGR TYPE SIZE JETS
SERIAL # IN @ MADE FT IN HRS FT / HR
LAST BIT # 2 IN @ 840 OUT @ 2510 MADE 1670 FT
IN 88.5 HRS 18.8 FT/HR T B G
EST. PROGRESS NEXT 24 HRS. TIH W/ #3 BIT DRILL 7 7/8 HOLE

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size 4 1/2 Wt. 16.6 Est. TD D. C. Size 6 Qty 14 conn
FUEL USED 756 REPAIRS NEEDED
NUMBER OF MEN 10 OVERTIME WORKED MEN HOURS
REASON FOR O.T.
NEW HIRES (NAME/ SS# /POSITION /1ST DAY)

TERMINATIONS (NAME / LAST DAY / REASON) JEREMIAH IRIZARRY/ E. BRANDON COBB
E. BLYNN COBB / FRANK FLOYD (12-5-05 DIDN'T SHOW UP FOR WORK)

INJURIES(NAME / INJURY / DR. / HOSP) NONE

SPUD DATE 12/4/2005 SPUD TME 11:30 AM
TD DATE TIME AM AM/PM
Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

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COMMENTS:



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
DATE 12/16/05
JOB NO. 32-0025
STATE UT COUNTY SANPETE DISTRICT
PERMIT #
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
P. O. NO.
PRESENT OPERATION DRILLING 7 7/8 HOLE

DAYS FROM SPUD 12 DEPTH 3030 FOOTAGE 520 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP 5 N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE .5
DRILL 15 LOG HOLE DRLG CMT FISHING
CIRC 1.5 RUN CSG MIX MUD SHUT DOWN
SURVEY CEMENT REAM DRYWATCH
OTHER: .5 LAY DOWN DST TOOLS
1.5 CIRCULATE FOR SAMPLES

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 90 Liner Sz 6" Press. 850 VIS 40 Mud Wt 9.1
AIR VOLUME PSI Dust/Foam/Fluid FLUID
RPM 85 BIT WEIGHT 18K DRAG NA TORQUE
String Weight Pull Weight Down Drag
SURVEYS 3 @ 2,814 4.5 @ 2626 3 3/4 @ 2532
GAS CHECKS SURVEY 5 @ 2719 Water Check
BIT IN HOLE # 3 MFGR REED TYPE TD43A SIZE 7 7/8 JETS 2 16S
SERIAL # E97378 IN @ 2510 MADE 520 FT IN 10 HRS 52 FT/HR
LAST BIT # 2 IN @ 840 OUT @ 2510 MADE 1670 FT
IN 88.5 HRS 18.8 FT/HR T B G
EST. PROGRESS NEXT 24 HRS. DRILL 7 7/8 HOLE

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size 4 1/2 Wt. 16.6 Est. TD D. C. Size 6 Qty 14 conn
FUEL USED 760 REPAIRS NEEDED
NUMBER OF MEN 11 OVERTIME WORKED MEN HOURS
REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY) CHRIS ALLEN

TERMINATIONS (NAME / LAST DAY / REASON)

INJURIES(NAME / INJURY / DR. / HOSP) NONE

RECEIVED
JAN 03 2006

SPUD DATE 12/4/2005 SPUD TME 11:30 AM
TD DATE TIME AM AM/PM DIV. OF OIL, GAS & MINING

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

CASING RAN AND CEMENT JOB

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COMMENTS:



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PRESENT OPERATION DRILLING 7 7/8 HOLE

DATE 12/17/05

JOB NO. 32-0025

PERMIT #

P. O. NO.

DAYS FROM SPUD 13 DEPTH 3760 FOOTAGE 730 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE
DRILL 21 1/2 LOG HOLE DRLG CMT FISHING
CIRC 1 RUN CSG MIX MUD SHUT DOWN
SURVEY 1 CEMENT REAM DRYWATCH
OTHER:

1.5 CIRCULATE FOR SAMPLES

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 90 Liner Sz 6" Press. 850 VIS 36 Mud Wt 9.9
AIR VOLUME PSI Dust/Foam/Fluid FLUID
RPM 85 BIT WEIGHT 18K DRAG NA TORQUE
String Weight Pull Weight Down Drag
SURVEYS 2 @ 3,034 @ @
GAS CHECKS Water Check
BIT IN HOLE # 3 MFGR REED TYPE TD43A SIZE 7 7/8 JETS 2 16S
SERIAL # E97378 IN @ 2510 MADE 1250 FT IN 26 HRS 48 FT/HR
LAST BIT # 2 IN @ 840 OUT @ 2510 MADE 1670 FT
IN 88.5 HRS 18.8 FT/HR T B G

EST. PROGRESS NEXT 24 HRS. DRILL 7 7/8 HOLE AND TRIP OUT FOR LOGS

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size 4 1/2 Wt. 16.6 Est. TD D. C. Size 6 Qty 14 conn

FUEL USED 850 REPAIRS NEEDED

NUMBER OF MEN 9 OVERTIME WORKED MEN HOURS

REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY)

TERMINATIONS (NAME / LAST DAY / REASON)

INJURIES(NAME / INJURY / DR. / HOSP) NONE

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DIV. OF OIL, GAS & MINING

SPUD DATE 12/4/2005 SPUD TIME 11:30 AM AM/PM

TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

CASING RAN AND CEMENT JOB

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COMMENTS: BOILER 24 HR

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UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
DATE 12/18/05
JOB NO. 32-0025
STATE UT COUNTY SANPETE DISTRICT
PERMIT #
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
P. O. NO.
PRESENT OPERATION DRILLING 7 7/8 HOLE

DAYS FROM SPUD 14 DEPTH 3961 FOOTAGE 730 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP 6 N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE
DRILL 6 LOG HOLE 8 DRLG CMT FISHING
CIRC RUN CSG MIX MUD SHUT DOWN
SURVEY CEMENT REAM DRYWATCH
OTHER: RIG UP AND DOWN SCHLUMBERGER (2 1/2)
UNLOAD CASING (1 1/2)

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 90 Liner Sz 6" Press. 900 VIS 36 Mud Wt 9.5
AIR VOLUME PSI Dust/Foam/Fluid FLUID
RPM 85 BIT WEIGHT 18K DRAG NA TORQUE
String Weight Pull Weight Down Drag
SURVEYS @ @ @
GAS CHECKS Water Check
BIT IN HOLE # 3 MFGR REED TYPE TD43A SIZE 7 7/8 JETS 2 16S
SERIAL # E97378 IN @ 2510 MADE 1250 FT IN 26 HRS 48 FT/HR
LAST BIT # 2 IN @ 840 OUT @ 2510 MADE 1670 FT
IN 88.5 HRS 18.8 FT/HR T B G

EST. PROGRESS NEXT 24 HRS. LAY DOWN D.P. RUN CASING & CEMENT CLEAN PITS AND RIG DOWN

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size 4 1/2 Wt. 16.6 Est. TD D. C. Size 6 Qty 14 conn
FUEL USED 850 REPAIRS NEEDED
NUMBER OF MEN 10 OVERTIME WORKED MEN HOURS
REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY) MATT LARSEN 528-27-1653

TERMINATIONS (NAME / LAST DAY / REASON) TERRY PIPPMAN
RECEIVED JAN 03 2006

INJURIES(NAME / INJURY / DR. / HOSP) NONE DIV. OF OIL, GAS & MINING

SPUD DATE 12/4/2005 SPUD TME 11:30 AM AM/PM
TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

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COMMENTS:



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
DATE 12/18/05
JOB NO. 32-0025
STATE UT COUNTY SANPETE DISTRICT
PERMIT #
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
P. O. NO.
PRESENT OPERATION DRILLING 7 7/8 HOLE

DAYS FROM SPUD 14 DEPTH 3961 FOOTAGE 730 FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U TRIP 6 N/U - N/D W.O.O.
RATHOLE L.D.D.P TEST B.O.P'S RIG SERVICE
DRILL 6 LOG HOLE 8 DRLG CMT FISHING
CIRC RUN CSG MIX MUD SHUT DOWN
SURVEY CEMENT REAM DRYWATCH
OTHER: RIG UP AND DOWN SCHLUMBERGER (2 1/2)
UNLOAD CASING (1 1/2)

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 90 Liner Sz 6" Press. 900 VIS 36 Mud Wt 9.5
AIR VOLUME PSI Dust/Foam/Fluid FLUID
RPM 85 BIT WEIGHT 18K DRAG NA TORQUE
String Weight Pull Weight Down Drag
SURVEYS @ @ @
GAS CHECKS Water Check
BIT IN HOLE # 3 MFGR REED TYPE TD43A SIZE 7 7/8 JETS 2 16S
SERIAL # E97378 IN @ 2510 MADE 1250 FT IN 26 HRS 48 FT/HR
LAST BIT # 2 IN @ 840 OUT @ 2510 MADE 1670 FT
IN 88.5 HRS 18.8 FT/HR T B G

EST. PROGRESS NEXT 24 HRS. LAY DOWN D.P. RUN CASING & CEMENT CLEAN PITS AND RIG DOWN

MOVE RIG TO: COMPANY/WELL NAME & NO.

Drill Pipe Size 4 1/2 Wt. 16.6 Est. TD D. C. Size 6 Qty 14 conn
FUEL USED 850 REPAIRS NEEDED
NUMBER OF MEN 10 OVERTIME WORKED MEN HOURS
REASON FOR O.T.

NEW HIRES (NAME/ SS# /POSITION /1ST DAY) MATT LARSEN 528-27-1653

TERMINATIONS (NAME / LAST DAY / REASON) TERRY PIPPMAN
RECEIVED JAN 03 2006

INJURIES(NAME / INJURY / DR. / HOSP) NONE DIV. OF OIL, GAS & MINING

SPUD DATE 12/4/2005 SPUD TME 11:30 AM AM/PM
TD DATE TIME AM AM/PM

Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

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COMMENTS:



UNION DRILLING, INC.
DAILY DETAILED DRILLING REPORT

RIG 32

DATE 12/19/05

OPERATOR LIBERTY PIONEER
WELL NAME & NO. CHRISTENSEN # 6-6
STATE UT COUNTY SANPETE DISTRICT
EST. T.D. 5,000 EST. DAYS 20 EST. BITS
PRESENT OPERATION RIGGING DOWN, CLEANING PITS

DAYS FROM SPUD 15 DEPTH 3934 FOOTAGE FORMATION
LAST 24 HOURS OPERATION: Cut Drlg Line WO CMT REPAIRS
MOVE R/U 1.5 TRIP 6 N/U - N/D 1 W.O.O.
RATHOLE L.D.D.P 3.5 TEST B.O.P'S RIG SERVICE
DRILL LOG HOLE DRLG CMT FISHING
CIRC 4.5 RUN CSG 4 MIX MUD SHUT DOWN
SURVEY CEMENT 2 REAM DRYWATCH
OTHER: RIG UP CASING CREW (2 1/2); BUILD VOLUMN (1)
WASH TO BOTTOM (1 3/4); WASH CASING DOWN (2); SET SLIPS (.5)

PUMP F-800 Liner Sz Press. VIS Mud Wt solids
PUMP F-800 90 Liner Sz 6" Press. 900 VIS 36 Mud Wt 9.5
AIR VOLUME PSI Dust/Foam/Fluid FLUID
RPM 85 BIT WEIGHT 18K DRAG NA TORQUE
String Weight Pull Weight Down Drag
SURVEYS @ @ @
GAS CHECKS Water Check
BIT IN HOLE # 3 MFGR REED TYPE TD43A SIZE 7 7/8 JETS 2 16S
SERIAL # E97378 IN @ 2510 MADE 1250 FT IN 26 HRS 48 FT/HR
LAST BIT # 2 IN @ 840 OUT @ 2510 MADE 1670 FT
IN 88.5 HRS 18.8 FT/HR T B G
EST. PROGRESS NEXT 24 HRS.

RIG DOWN

MOVE RIG TO: COMPANY/WELL NAME & NO.
Drill Pipe Size 4 1/2 Wt. 16.6 Est. TD D. C. Size 6 Qty 14 conn
FUEL USED 546 REPAIRS NEEDED
NUMBER OF MEN 10 OVERTIME WORKED MEN HOURS
REASON FOR O.T.
NEW HIRES (NAME/ SS# /POSITION /1ST DAY) SHANE BLACK 528-25-5423

RECEIVED
JAN 03 2006

TERMINATIONS (NAME / LAST DAY / REASON)
INJURIES(NAME / INJURY / DR. / HOSP) NONE
DIV. OF OIL, GAS & MINING

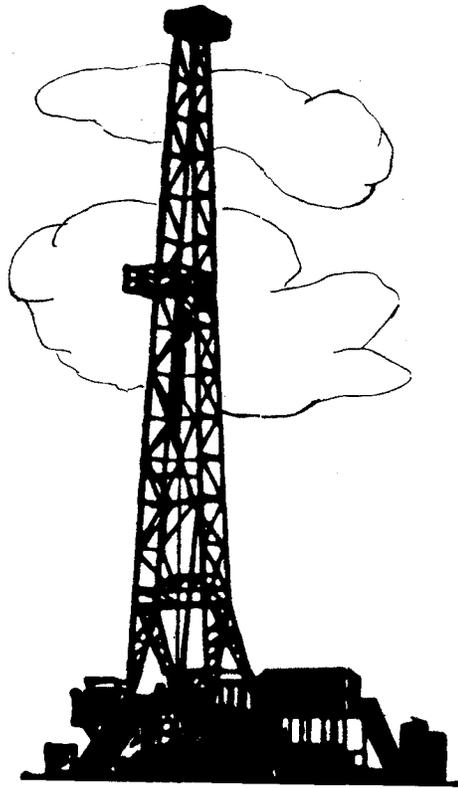
SPUD DATE 12/4/2005 SPUD TME 11:30 AM AM/PM
TD DATE TIME AM AM/PM
Rig Time-Start: AM / PM Rig Time-Stopped: AM / PM

CASING RAN AND CEMENT JOB

Table with 8 columns: DATE CASING RAN, CASING SIZE, CASING SET AT, NO OF JOINTS, TOTAL FOOTAGE RAN, Cement No. Sks, Cement Service, PLUG DOWN TIME. Row 1: 12/7/2005, 8 5/8, 840, 19, 842, 690, BIG 4, 6:00 PM.

COMMENTS:

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REBEL TESTING, INC.

Drill Stem Test Report

RECEIVED

JAN 17 2006

DIV. OF OIL, GAS & MIN. IND.

Box 296
Gillette, WY 82717

Phone
(307) 682-9626

Rebel Testing, Inc.

Providing quality testing services since 1991

Formation Evaluation
And Test Reporting by:



Ph: (928) 505-8389

Fax: (928) 505-8393

Website: www.datareporting.net

E-Mail: info@datareporting.net

In making any interpretation, our employees will give the customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based upon inferences from electrical, mechanical or other measurements, we cannot and do not guarantee the accuracy or correctness of any interpretation. And we shall not be held liable or responsible, for any loss, costs, damages or other expenses incurred by the customer resulting from any interpretation made by any of our agents or employees.

REBEL TESTING, INC.

Gillette WY
Ph (307) 682-9626

Technical Services
(888) 389-8389

Contractor Union Drilling Rig No. 32 Spot SE/NW Sec 6 Twp 16 S Rng 3 E Field Wildcat County Sanpete State Utah Elevation Formation Tonunk	Surface Choke 3/4" Bottom Choke 3/4" Hole Size 7 7/8" Core Hole Size DP Size & Wt 4 1/2" 16.60 Wt Pipe ID of DC 2 3/8" Length of DC 277' Total Depth 2510' Type of Test Open Hole Dst Interval 2326'- 2510'	Mud Type LSND/Poly Weight 9.3 Viscosity 36 Water Loss 15.6 Filter Cake RW .65 @ 56 Deg F 11,412 Ppm B.H.T. 91.8 Deg F Co. Rep. Neil Walker Tester Bob Hammond
--	--	---

Pipe recovery:
 300' Total fluid = 1.84 bbl., consisting of:
 225' Mud
 75' Mud cut water

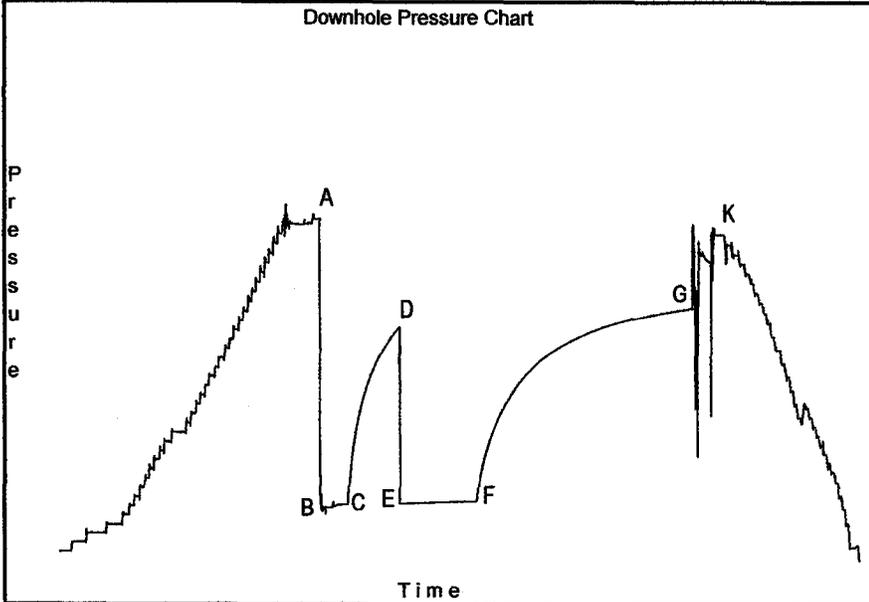
CONFIDENTIAL

Top sample rw: .3 @ 65 deg f/22,826 ppm NaCl.
 Middle sample rw: .1 @ 75 deg f/68,650 ppm NaCl.
 Bottom sample rw: .1 @ 70 deg f/74,047 ppm NaCl.

Surface blow:
Pre-Flow: Began with a 5" blow, increased to bottom of bucket in 1 minute; decreased to 1" in 5 minutes, 1/2" in 10 minutes and surface bubbles in 15 minutes. After shut-in blow died in 2 1/2 minutes.
Final Flow: Began with a 1/4" blow, decreased to weak surface bubbles in 5 minutes, weak intermittent bubbles in 20 minutes, died in 42 minutes and remained thru test.

Pressure in Sampler	20	psig
Volume of Sampler	2600	cc
Volume of Sample	2600	cc
Oil:	0	cc
Water:	650	cc
Mud:	1950	cc
Gas:	0	cu ft
Other:	0	
Gravity		API @ 60 Deg F
Gas/Oil Ratio		
Rw:	.1 @ 62 deg f	
Chlorides:	84,645 ppm NaCl.	

Opened Tool @	20:19 hrs on 12-14-05
	Reported Corrected
Flow 1	15 16 min
Shut-in 1	30 30 min
Flow 2	45 44 min
Shut-in 2	120 123 min



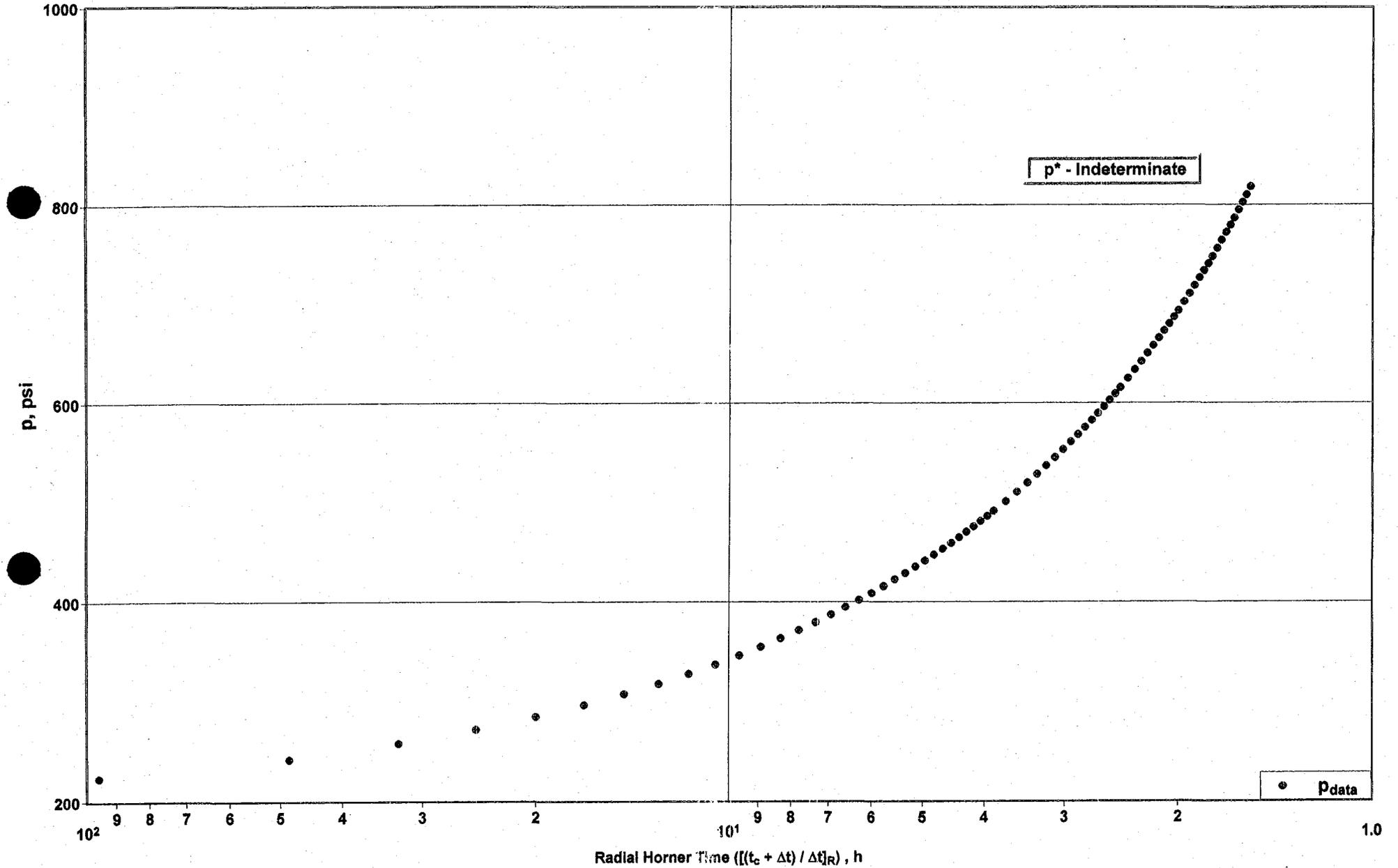
Gauge Type	Electronic	
No.	30049	Cap 10000 psi
Depth	2306	ft.
Inside	X	Outside
Initial Hydrostatic	A	1195
Final Hydrostatic	K	1144
Initial Flow 1	B	193
Final Flow 1	C	209
Initial Flow 2	E	213
Final Flow 2	F	220
Shut-in 1	D	822
Shut-in 2	G	889

COMPANY LIBERTY PIONEER ENERGY
 LEASE NAME & NO. CHRISTENSEN #8-6
 INTERVAL TESTED 2326'- 2510'
 AP# 7165 R03E 5-6
 43-039-30076
 COUNTY SANPETE
 STATE UTAH
 FORMATION TONUNK
 DATE 12-14-2005
 TICKET # 2338
 TEST # 1

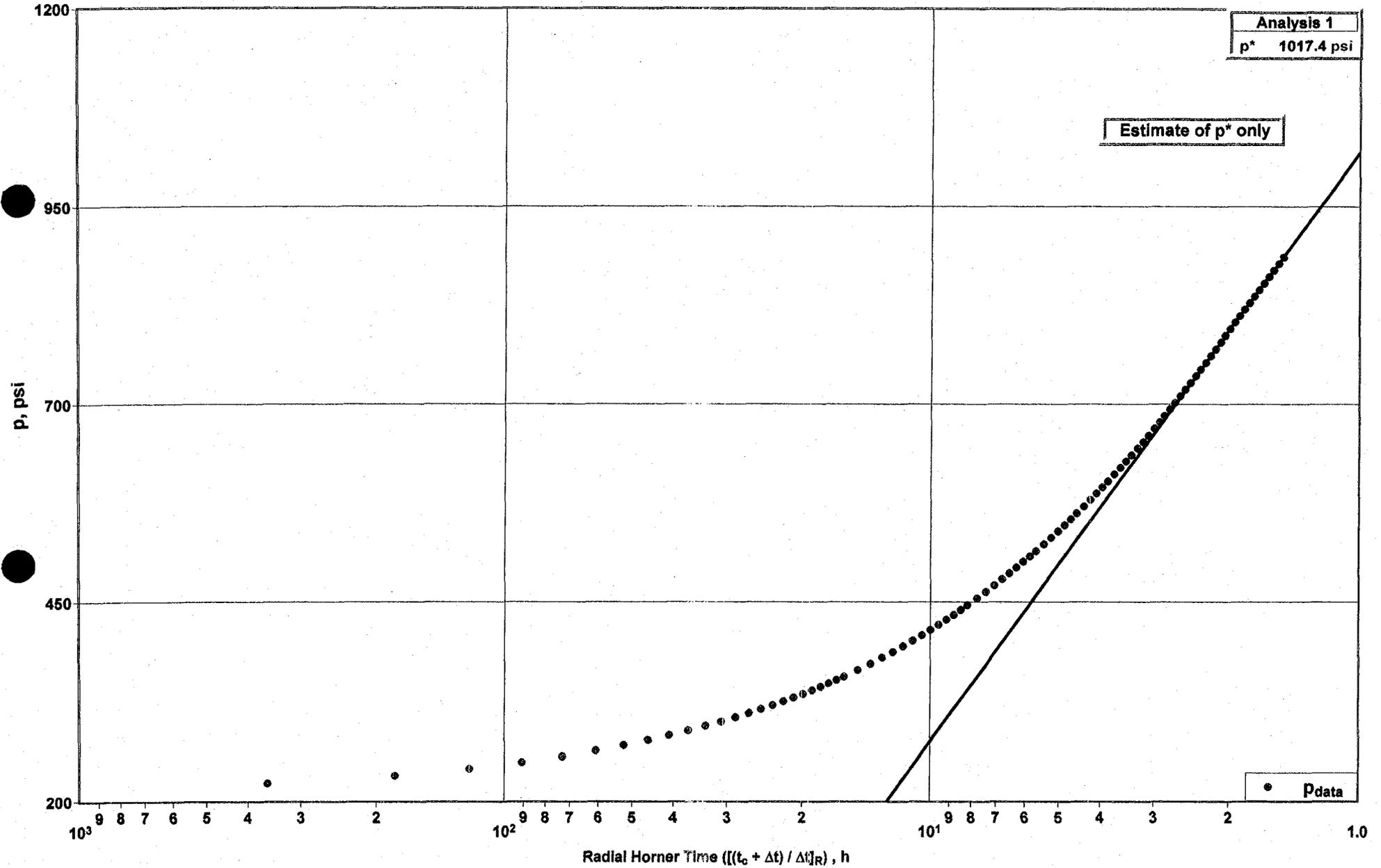


Diagnostic Plot - Shut In 1

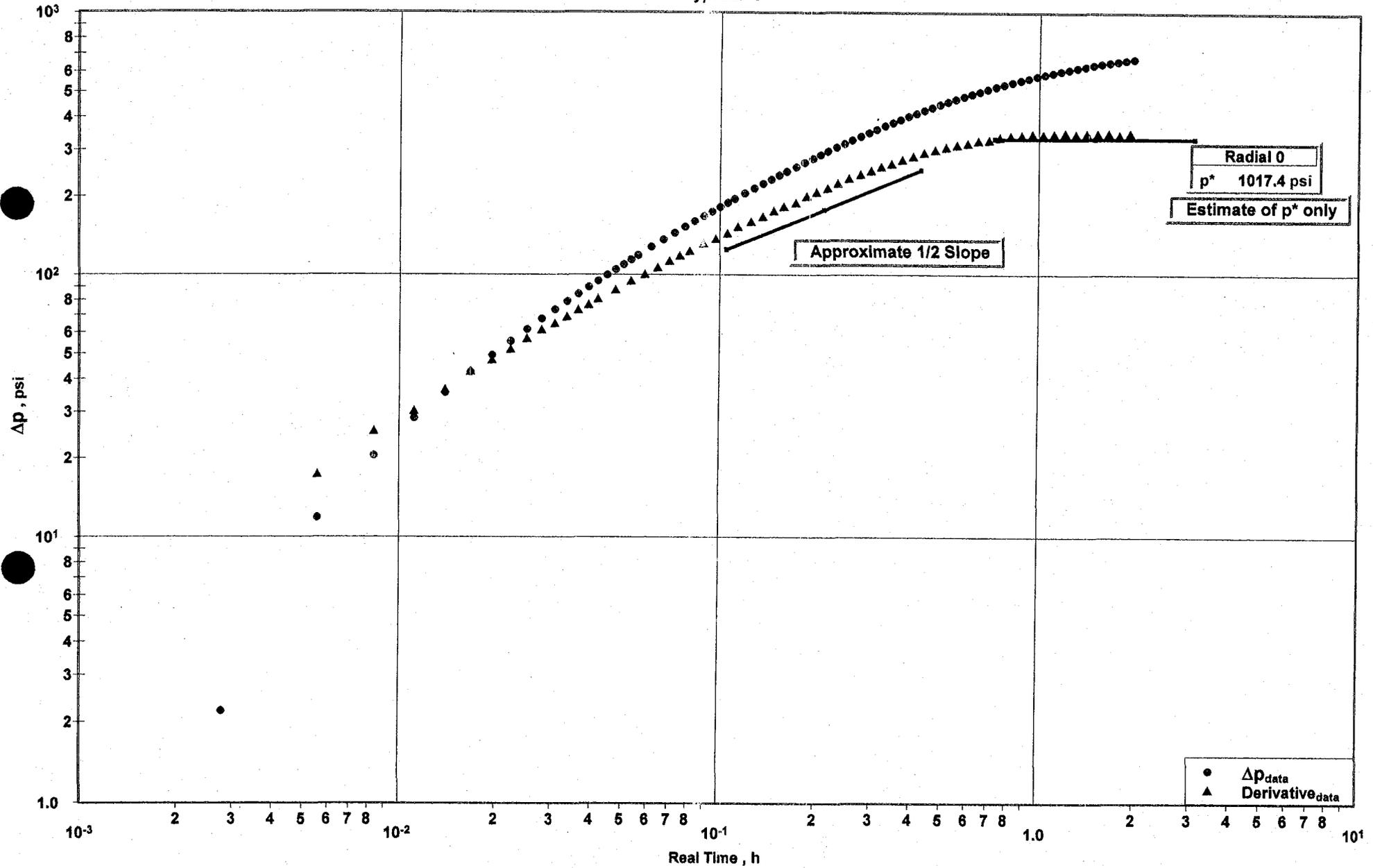
Radial



Diagnostic Plot - Shut In 2 Radial

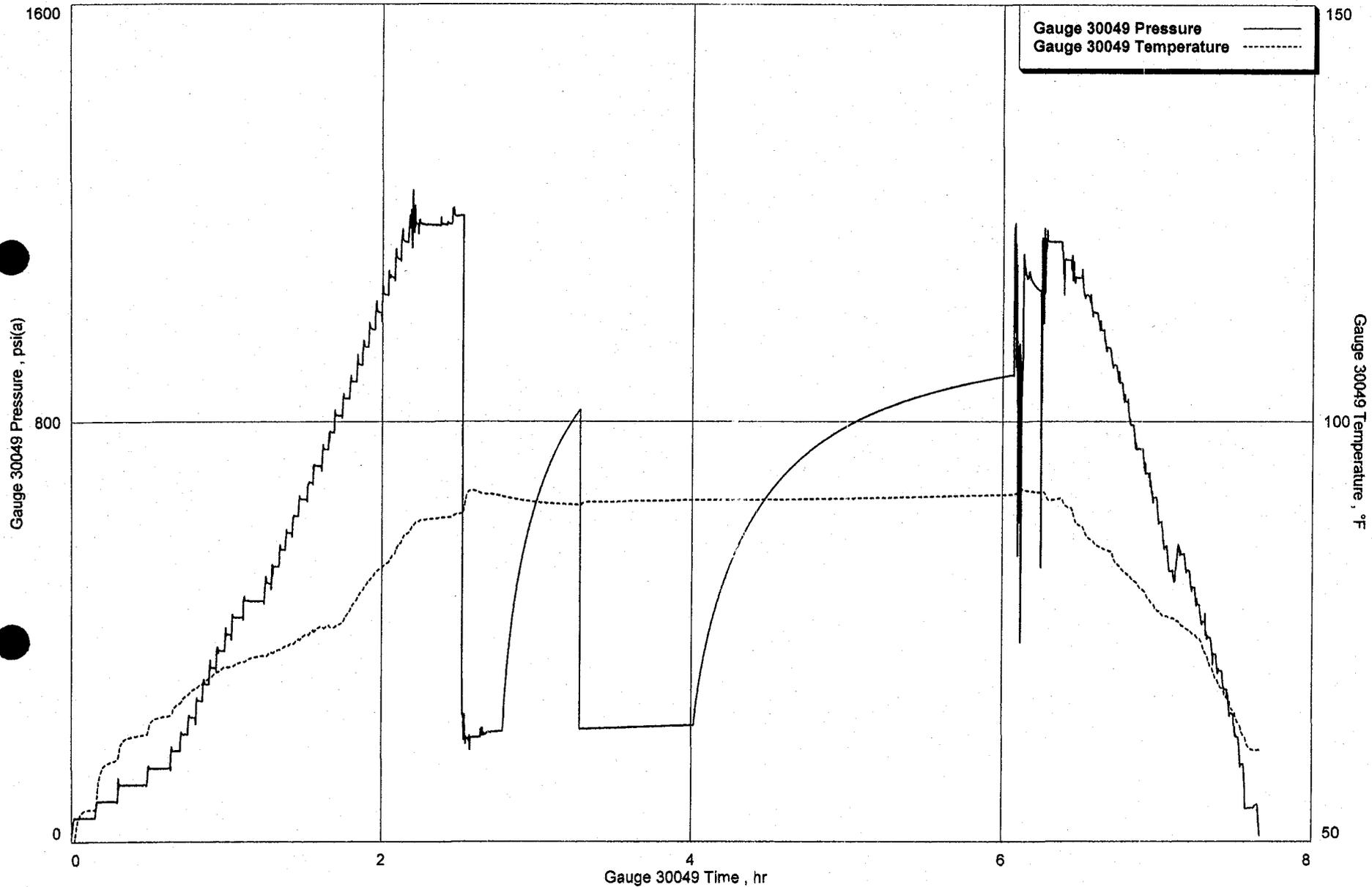


Diagnostic Plot - Shut In 2 Typecurve



Liberty Pioneer Energy
Christensen 6-6, Dst 1

DOWNHOLE PRESSURE/TEMPERATURE CHART



Company:
Lease Name & No:

Liberty Pioneer Energy
Christensen #6-6

DISTRIBUTION OF FINAL REPORTS

Liberty Pioneer Energy [5 + Disk]
Bldg. "C", Ste 2300
1527 N. Technology Way
Orem UT 84097

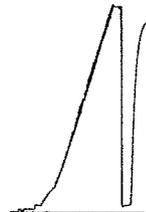
GUIDE TO IDENTIFICATION AND INTERPRETATION OF DST DATA:



Initial Hydrostatic:



Pre-Flow Period:



Initial Shut-in Period:

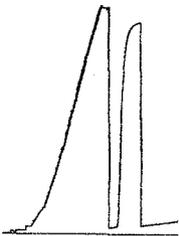
The hydrostatic pressure increases as the test tool is lowered in the well. After reaching the intended test interval the packer is set, the hydraulic tool is opened and the test zone is opened to atmospheric. This happens almost instantaneously and the pressure drop is recorded. This is called the pre-flow period. The purpose is to relieve the hydrostatic pressure from the annular space within the tested interval.

The duration of the pre-flow period can be determined by the surface blow according to the following:

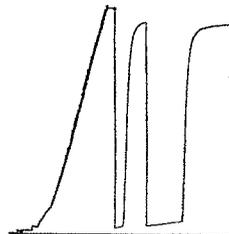
- Approximately 5 minutes in duration if the permeability is estimated to be greater than 15 md.
- Approximately 10 minutes in duration if the permeability is estimated to be less than 15 md.

If the pre-flow period is too short the hydrostatic pressure will not be dissipated and the following shut-in period may be under the influence of "hydrostatic super-charge" effect.

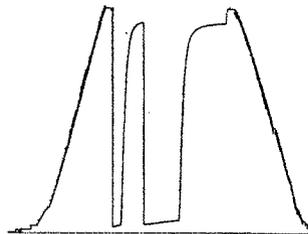
When the pre-flow period is completed the tool is closed and the reservoir pressure is allowed to build. This is called the initial shut-in period. The purpose is to record the initial reservoir pressure before any production has occurred. It is important to have an initial shut-in period long enough to extrapolate a maximum reservoir pressure.



Second Flow Period:



Second Shut-in Period:

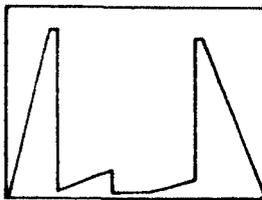


Final Hydrostatic:

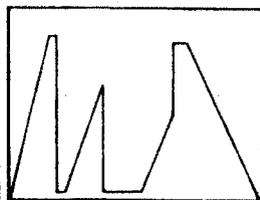
When the initial shut-in period is completed the tool is again opened. This is called the second flow period. The purpose is to allow reservoir fluid and gas to enter the drill string. Analysis of the final flow data will help to determine the flowing capabilities of the tested reservoir. Depending on conditions, when the tool is opened the pressure will drop from reservoir pressure to the pre-flow pressure and will record the weight of the formation fluid entering the drill string. If gas is present the flowing pressure will reflect the upstream pressure of the gas flow. The duration of the final flow period should be approximately 60 to 180 minutes depending on conditions and estimated permeability. If gas flows to surface a stabilized measured rate is desirable for proper reservoir evaluation.

When the second flow period is completed the tool is again closed. This is called the second shut-in period. The purpose is to measure the reservoir pressure after a certain amount of production has occurred. Proper evaluation of the second shut-in data will help determine Skin Damage, Permeability, Radius of Investigation and other reservoir properties limitations or anomalies.

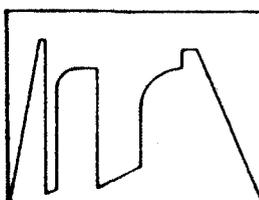
When the second shut-in period is completed the packer is released which allows drilling fluid to flow from the hole back in to the test zone and the hydrostatic pressure is then recorded. Because the pressure is equalized the packer can be easily removed from the packer seat. As the test tool is pulled from the well the hydrostatic pressure decreases to atmospheric pressure.



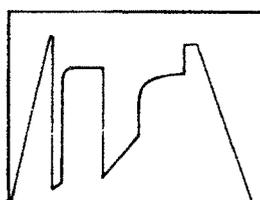
Virtually No Effective Permeability



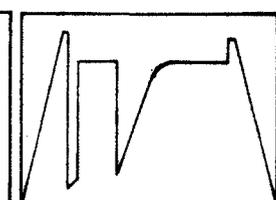
Slightly Higher Permeability



Average Permeability



High Permeability



Excellent Permeability

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DIV. OF OIL, GAS & MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Christensen 6-6

9. API NUMBER:
4303930026

10. FIELD AND POOL, OR WILDCAT:
Wildcat

1. TYPE OF WELL
OIL WELL GAS WELL OTHER **CONFIDENTIAL**

2. NAME OF OPERATOR:
LIBERTY PIONEER ENERGY SOURCE INC

3. ADDRESS OF OPERATOR: 1527 North Technology way
Building C, Suite 2300 CITY Orem STATE UT ZIP 84097
PHONE NUMBER: (801) 224-4771

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2001' FNL & 2012' FWL COUNTY: Sanpete
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 6 16S 3E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>2/13/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Completion Intent</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Proposed completion of the Entrada

Set up service equipment, Nipple up 3M BOP and pressure test 500 psig, clean out well bore to pbsd 3910 circulate well with 2% kcl water, perforate Entrada, 3774-82, 3068-90, 2764-76, 2680-2704, 2638-47, 2604-20 stimulate with 2% kcl water, swab or flow test for future stimulation or production

NAME (PLEASE PRINT) Duane C. Winkler TITLE Agent

SIGNATURE dcw DATE 2/6/2006

(This space for State use only)

COPY SENT TO OPERATOR
Date: 2-8-06
Initials: CD

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 2/10/06
BY: [Signature]

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Christensen 6-6

9. API NUMBER:
4303930026

10. FIELD AND POOL, OR WILDCAT:
Wildcat

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Liberty Pioneer Energy Source

3. ADDRESS OF OPERATOR:
1411 East 840 North Orem UT 84097
PHONE NUMBER:
(970) 769-4187

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2001 FNL, 2012 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 6 16S 3E
COUNTY: Sanpete
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Liberty Pioneer Energy Source, drilled 12 1/4 hole to 840 and ran new 8 5/8" X 24# J55 surface csg to 840' and circ cmt to surface, drilled 7 7/8 hole to 3960', ran new 5 1/2" X 17# N80 csg to 3920' and cmt to 1520', Perforated and tested Entrada intervals 3864-3874, 3833-3853, 3603-3654, set CIBP @ 3520' with 10' cmt top 3510, Perforated Entrada 3163-3173, 3150-3160, 3050-3090, (stuck rbp @ 3068), 2764-2776, 2680-2704, 2638-2647, 2604-2620, 2500-2510, 2476-2496, no hydrocarbons or water,
Proposed Plugging for well
TOPS: Green River 790, Summer Vile 1800, Entrada 2350
Set CIBP @ 2400', 2400 to 2200 25 sks type two cmt, 2200 to 900, 2% kcl water with corrosion inhibitor
Perforate csg at 900', set CICR at 850', establish circulation to surface, circulate cmt to surface, spot 50' cmt top of CICR
If no circulation to surface: spot 50' cmt below and above CICR, pump 20 sks cmt down 5 1/2 X 8 5/8 annulus 800 to surface 2% kcl water with corrosion inhibitor
Metal plate top of well
All Hydrocarbons will be adequately protected

Land Owner will apply to convert well to fresh water well
Plugging well is scheduled on April 19, 2006

COPI SENT TO OPERATOR
Date: 4-28-06
Initials: CMO

NAME (PLEASE PRINT) Duane C Winkler TITLE Agent
SIGNATURE *[Signature]* DATE 4/12/2006

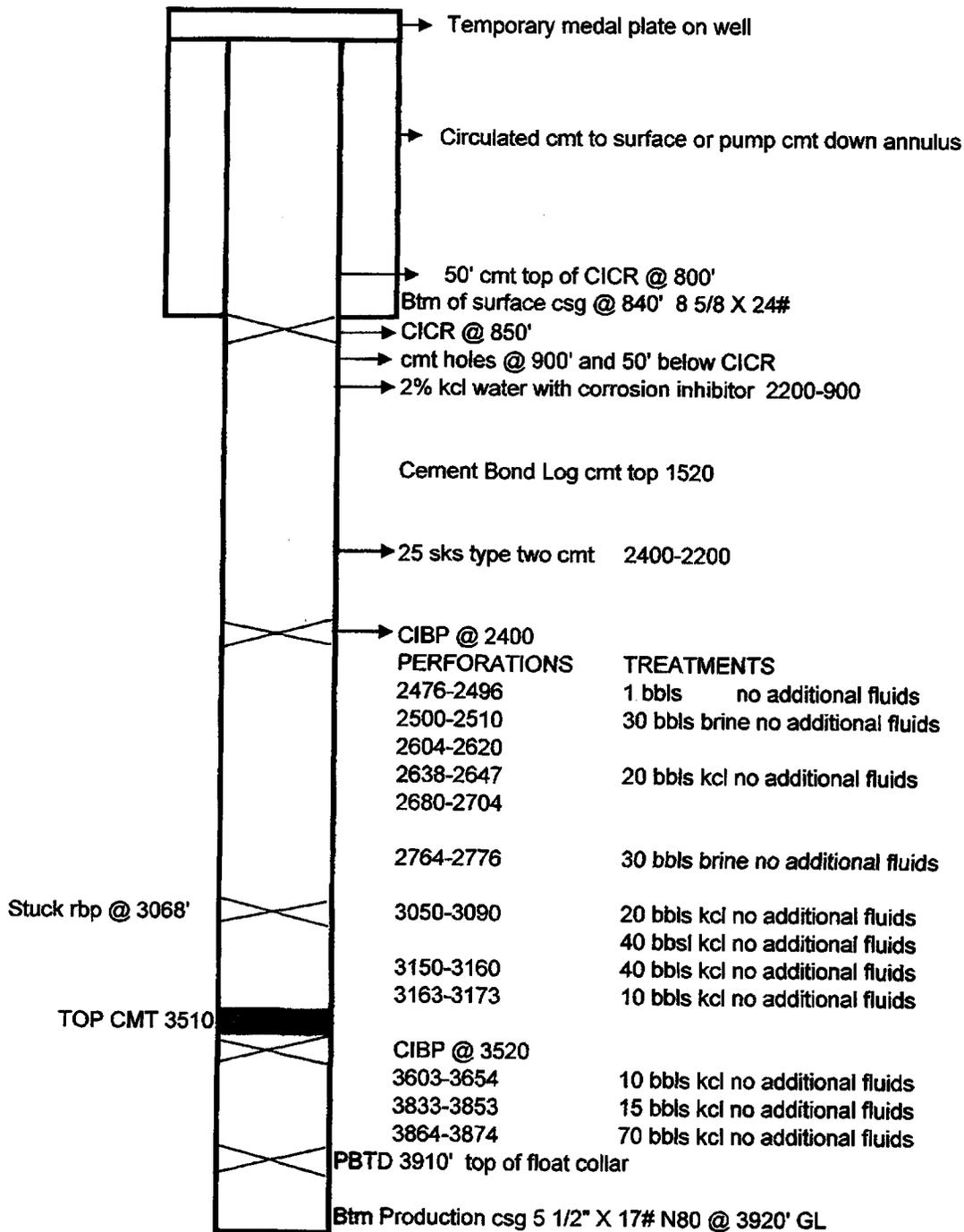
(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 4/14/06
BY: *[Signature]* (See Instructions on Reverse Side)
* See conditions of Approval (attached)

RECEIVED
APR 13 2006
DIV. OF OIL, GAS & MINING

(5/2000) s-d Apr 12 06 08:31p

LIBERTY PIONEER ENERGY INC
Christensen 6-6 API # 4303930026
Well Bore Schematic



RECEIVED

APR 13 2006

DIV. OF OIL, GAS & MINING

UTAH DIVISION of Oil & Gas

TO: Dustin Doucet

RE: P & A Proposal

From: Duane C Winkler
970-269-4187

Fax # 801-359-3940

No Pages 5

4/12/06

RECEIVED

APR 13 2006

DIV. OF OIL, GAS & MINING



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number: Christensen 6-6
API Number: 43-039-30026
Operator: Liberty Pioneer Energy Source
Reference Document: Original Sundry Notice dated April 12, 2006,
received by DOGM on April 13, 2006

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
3. Note: Should Liberty Pioneer Energy Source (Liberty) elect not to set the surface plug, Liberty will be held responsible until such time that adequate proof has been supplied to the Division to convert this well to a water well. The proof should include an acceptance of responsibility from the landowner; release of the well bore from Liberty to the landowner and proof that the well has been adequately converted and working as a water supply well under the Division of Water Rights authority. The well will be considered Temporarily Abandoned and fall subject all requirements in the Oil and Gas Conservation General Rules, including R649-3-36, until such time that the conversion is complete and approved by the Division.
4. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
5. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (office) or 801-733-0983 (home) prior to continuing with the procedure.
6. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

April 14, 2006

Date

API Well No: 43-039-30026-00-00 Permit No:
 Company Name: LIBERTY PIONEER ENERGY SOU
 Location: Sec: 6 T: 16S R: 3E Spot: SENW
 Coordinates: X: 445765 Y: 4367269
 Field Name: WILDCAT
 County Name: SANPETE

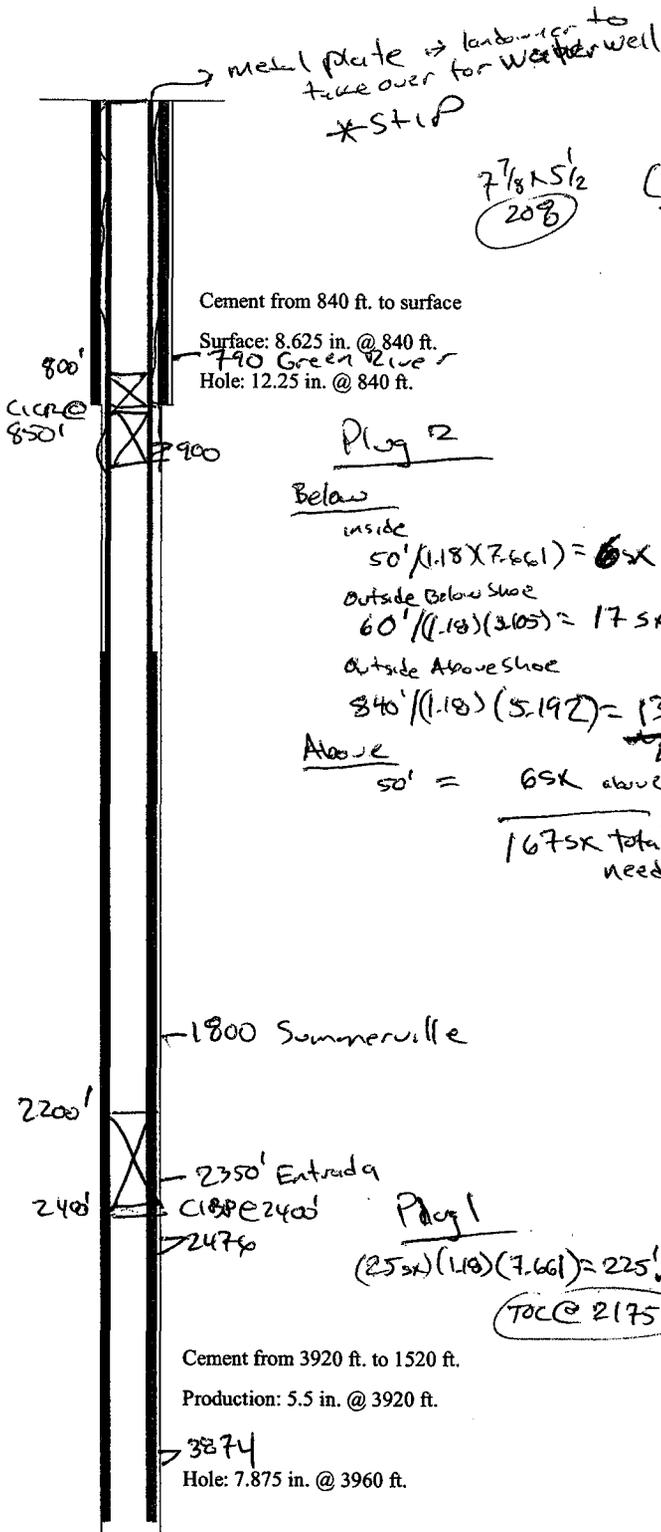
Well Name/No: CHRISTENSEN 6-6

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	840	12.25			
SURF	840	8.625	24	840	
HOL2	3960	7.875			
PROD	3920	5.5	17	3920	7.661

$8\frac{5}{8} \times 5\frac{1}{2} \rightarrow 5.192$

$\frac{7\frac{7}{8} \times 5\frac{1}{2}}{208} \rightarrow 3.105$
 $\frac{[(1.2)(7.875)]^2 - 5.5^2}{193.35} = 0.3221 \rightarrow 3.105$



Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	3920	1520		
SURF	840	0		

Perforation Information

String	Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
PROD	2476	3874			

Formation Information

Formation	Depth
GRRV	790
SUMM	1800
ENRD	2350

TD: TVD: PBD:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Liberty Pioneer Energy Source		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1411 East 840 North CITY Orem STATE UT ZIP 84097		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (435) 283-3040		8. WELL NAME and NUMBER: Christensen 6-6
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2001 FNL 2012 FWL COUNTY: Sanpete		9. API NUMBER: 4303930026
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 6 16S 3E STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

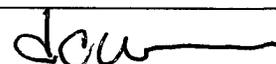
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Additional</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	Information Form 8

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Perforations / Treatment / Test Results

Perforation Status size hole # holes

3964-3874 / 70 bbls kcl water / no additional fluids or hydrocarbons	open	.41	20
3833-3853 / 15 bbls kcl water / no additional fluids or hydrocarbons	open	.41	40
3603-3654 / 10 bbls kcl water / no additional fluids or hydrocarbons	open	.41	102
set CIBP with 10' cmt top of CIBP			
3163-3173 / 10 bbls kcl water / no additional fluids or hydrocarbons	open	.41	40
3150-3160 / 40 bbls kcl water / no additional fluids or hydrocarbons	open	.41	40
3050-3090 / 60 bbls kcl water / no additional fluids or hydrocarbons	open	.41	160
3068 stuck rbp			
2764-2776 / 30 bbls brine water / no additional fluids or hydrocarbons	open	.41	26
2680-2704 / 20 bbls kcl water / no additional fluids or hydrocarbons	open	.41	48
2638-2648 / 20 bbls kcl water / no additional fluids or hydrocarbons	open	.41	20
2604-2620 / 20 bbls kcl water / no additional fluids or hydrocarbons	open	.41	32
2500-2510 / 30 bbls brine water / no additional fluids or hydrocarbons	open	.41	20
2476-2496 / 10 bbls brine water / no additional fluids or hydrocarbons	open	.41	40

NAME (PLEASE PRINT) <u>Duane C Winkler</u>	TITLE <u>Agent</u>
SIGNATURE <u></u>	DATE <u>4/20/2006</u>

(This space for State use only)

RECEIVED
APR 24 2006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER

2. NAME OF OPERATOR: **Liberty Pioneer Energy Source Inc**

3. ADDRESS OF OPERATOR: **1411 East 840 North** CITY **Orem** STATE **UT** ZIP **84097** PHONE NUMBER: **(435) 283-3040**

4. LOCATION OF WELL (FOOTAGES):
AT SURFACE: **2001 FNL & 2012 FWL**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **Entrada**
AT TOTAL DEPTH: **3,960**

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: **Christensen 6-6**

9. API NUMBER: **4303930026**

10. FIELD AND POOL, OR WILDCAT: **Wildcat**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SE NW 6 16S 3E**

12. COUNTY: **Sanpete** 13. STATE: **UTAH**

14. DATE SPUNNED: **12/3/2005** 15. DATE T.D. REACHED: **12/17/2005** 16. DATE COMPLETED: **4/20/2006** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): **GL 5503**

18. TOTAL DEPTH: MD **3,960** TVD **3,960** 19. PLUG BACK T.D.: MD **3,934** TVD **3,934** 20. IF MULTIPLE COMPLETIONS, HOW MANY? * **NA**

21. DEPTH BRIDGE MD **3,520** PLUG SET: TVD **3,520**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Compensated Sonic / Gamma Ray CBL/GR/CCL
Density Porosity/Gamma Ray

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4	8 5/8	24	0	840	840	690	130	CIR	NA
7 7/8	5 1/2	17	0	3,934	3,934	590	207	1520	NA

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Entrada	2,350	3,960	2,350	3,960	3,864 3,874	.41	20	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Entrada	2,350	3,960	2,350	3,960	3,833 3,853	.41	40	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Entrada	2,350	3,960	2,350	3,960	3,603 3,654	.41	102	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D) Entrada	2,350	3,960	2,350	3,960	3,163 3,173	.41	40	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
NA	NA

29. ENCLOSED ATTACHMENTS: ELECTRICAL/MECHANICAL LOGS SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION GEOLOGIC REPORT CORE ANALYSIS DST REPORT OTHER: DIRECTIONAL SURVEY

30. WELL STATUS: **PA X**

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: □	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	790	1,800		Green River	790
Jurassic Twist Gulch (Summer Vile) Equivaliant	1,800	2,350		Summer Vile	1,800
Jurassic Twist Gulch (Entrada Equiv)	2,350	3,960		Entrada	2,350

35. ADDITIONAL REMARKS (Include plugging procedure)

DST: 2326-2510, IF 193, FF 209, IF2 213, FF2 220, SI 822, SI2 889

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

NAME (PLEASE PRINT) Duane C Winkler TITLE Agent for Liberty Pioneer Energy
 SIGNATURE *dcw* DATE 4/21/2006

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
 Fax: 801-359-3940

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Liberty Pioneer Energy Source		8. WELL NAME and NUMBER: Christensen 6-6
3. ADDRESS OF OPERATOR: 1411 East 840 North CITY Orem STATE UT ZIP 84097		9. API NUMBER: 4303930026
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2001 FNL 2012 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 6 16S 3E		10. FIELD AND POOL, OR WILDCAT: Wildcat
		COUNTY: Sanpete
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

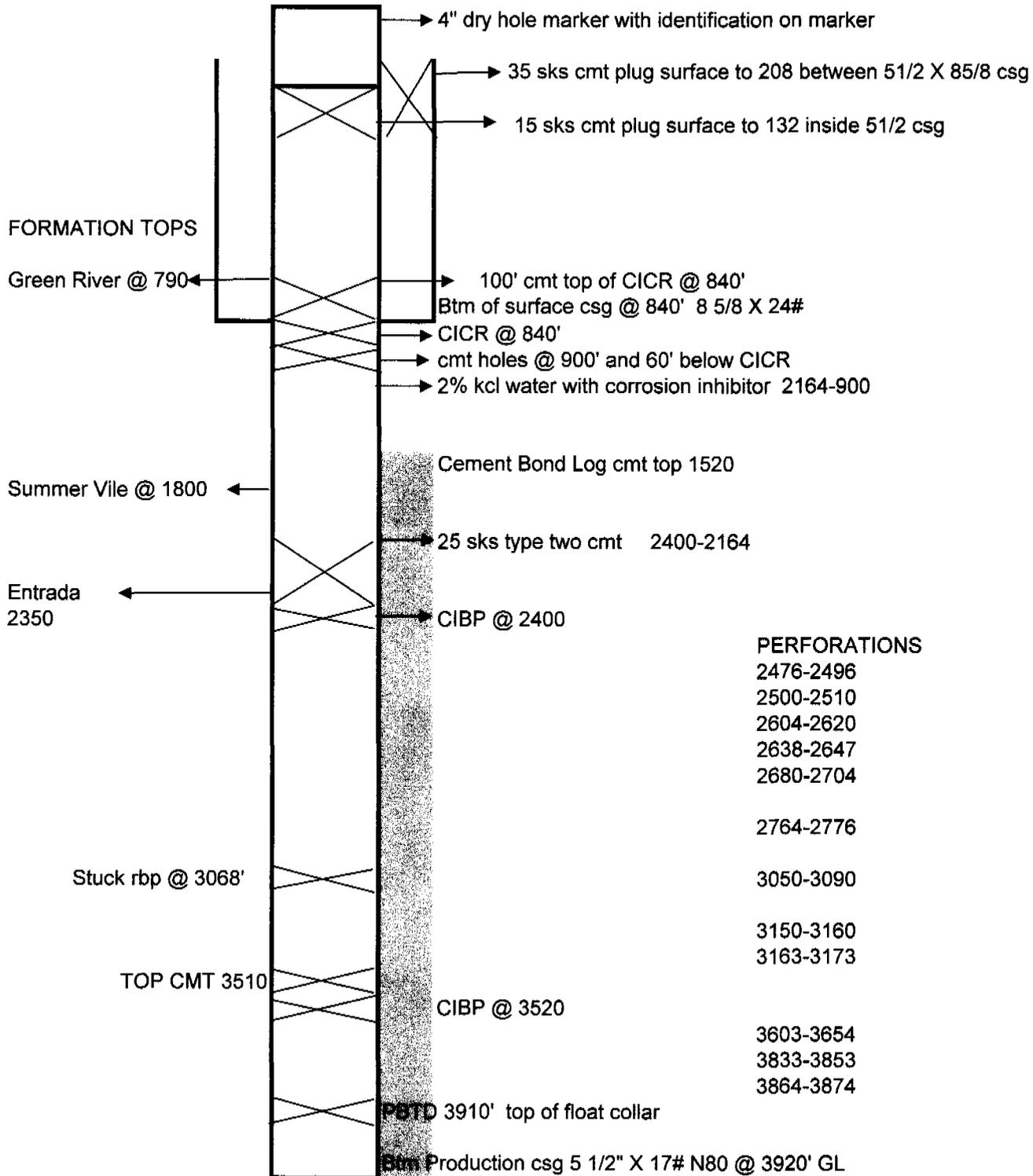
Plug and Abandon as follows (Inspector Bart Kettle and Mark Jones witness plug and abandon of well Formation Tops Green River 790, Summer Vile 1800, Entrada 2350
 4" dry hole marker with identification on marker
 Surface--208 35 sks class G cmt between 51/2 X 85/8 csg
 Surface--132 15 sks class G cmt with dry hole marker
 132--740 2% kcl water with corrosion inhibitor
 740--840 12 sks class G cmt
 840----CICR
 840--900 6 sks class G cmt
 900 perforated two cmt holes, pumped 250 sks cmt did not circulate cmt to surface
 900--2164 2% kcl water with corrosion inhibitor
 2164--2400 25 sks class G cmt
 2400----CIBP

NAME (PLEASE PRINT) <u>Duane C Winkler</u>	TITLE <u>Agent</u>
SIGNATURE <u><i>dcw</i></u>	DATE <u>4/21/2006</u>

(This space for State use only)

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APR 24 2006

LIBERTY PIONEER ENERGY INC
Christensen 6-6 API # 4303930026
Plug and Abandonment Well Bore Schematic





CONFIDENTIAL

Union Drilling, Inc.
 1043 East 1500 South
 Vernal, UT. 84078
 Phone: 435-789-2663
 Fax: 435-789-8248

Dwayne

Here is a list of surveys taken on Rig 32 for the Christensen 6-6 well.
 These were taken off our morning report sheets so to the best of my
 Knowledge they are all correct

Thanks

Jimmy Atcheson

- 1/4 @ 600'
- 1/4 800
- 1 1/4 1206
- 1 1532
- 1 3/4 1816
- 1 1894
- 1 3/4 1911
- 1 1/2 2006
- 2 2101
- 2 1/2 2196
- 2 1/4 2281
- 2 3/4 2375
- 3 3/4 2532
- 4 1/4 2626
- 5 2719
- 3 2814
- 2 3034

**SATISFACTION OF OBLIGATIONS FOUND
IN SURFACE DAMAGE AGREEMENT DATED JUNE 13, 2000**

The purpose of this letter is to release Liberty Pioneer Energy Source (LIBERTY) from any claim that the Richard Christensen (CHRISTENSEN) surface owner may have according to the Surface Damage Agreement dated June 13, 2000 between Richard Christensen, Paradise Energy, and Cimarron Operating Company.

The Christensen 6-6 well has been plugged and abandoned according to Utah State Division of Oil, Gas, and Mining requirements, and was approved by Mark Jones (state engineer).

The drilling location has been reclaimed and restored to CHRISTENSEN specifications, and was completed in a timely manner. At CHRISTENSEN's request the road and pad have not been reclaimed so that CHRISTENSEN may have the road and pad for personal use. CHRISTENSEN has viewed, approved of, and is satisfied with the location as it is, and hereby releases Liberty Pioneer Energy Source from any future liability.

CHRISTENSEN agrees that the obligations found in June 13, 2000 Surface Damage Agreement have been satisfied and hereby releases LIBERTY from all claims occasioned by or arising out of the obligations found in said agreement.

CHRISTENSEN is signing this agreement by his own will, and has not been pressured by Liberty Pioneer Energy Source to do so.

Signed this 10 day of 10, 2006.


Richard Christensen, Lessor and Surface Owner

STATE OF Utah)
) ss.
COUNTY OF Sanpiti)

The foregoing instrument was acknowledged before me this 10th day of October, 2006, by Richard Christensen.

WITNESS MY HAND AND OFFICIAL SEAL.

My commission expires: 4-27-07

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OCT 24 2006


Notary Public, DIV. OF OIL, GAS & MINING

