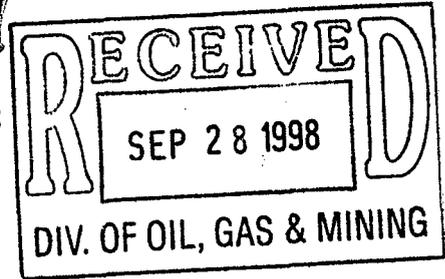




RESOURCES INC.
September 25, 1998



State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
1594 West North Temple Suite 1210
Salt Lake City Utah 84114-5801

ATTENTION: Lisha Cordova

**RE: Odekirk Spring #1-36-8-17
Odekirk Spring #9-36-8-17
Odekirk Spring #15-36-8-17**

**Odekirk Spring #8-36-8-17
Odekirk Spring #10-36-8-17
Odekirk Spring #16-36-8-17**

Dear Lisha,

Enclosed is the original and two copies of the Application For Permit To Drill, for the above referenced locations, and a copy of the Archaeological Survey Report.

Please do not hesitate to contact me if you have any questions in the Vernal Branch Office, (435) 789-1866.

Sincerely,

Cheryl Cameron
Regulatory Specialist

/cc
Enclosures

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

RECEIVED
 SEP 28 1998
 DIV. OF OIL, GAS & MINING

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/>		6. LEASE DESIGNATION AND SERIAL NO. ML-44305
1b. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME 8. NAME OR LEASE NAME Odekirk Spring
2. NAME OF OPERATOR Inland Production Company		9. WELL NO. #15-36-8-17
3. ADDRESS AND TELEPHONE NUMBER: P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866		10. FIELD AND POOL OR WILDCAT Monument Butte
4. LOCATION OF WELL (FOOTAGE) At Surface SW/SE At proposed Producing Zone 722.5' FSL & 1983' FEL		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SE Sec. 36, T8S, R17E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15.9 Miles southeast of Myton, Utah		12. County 13. STATE Uintah UT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 722.5'	16. NO. OF ACRES IN LEASE 640	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5013.9' GR		22. APPROX. DATE WORK WILL START* 4th Quarter 1998

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx
7 7/8	5 1/2	15.5#	TD	400 sx followed by 330 sx
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl₂, 1/4# Flocele/sk
 Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.4 gal/sk

LONG STRING - Lead: Hibond 65 Modified
 Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 gal/sk
 Tail: Premium Plus Thixotropic
 Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 gal/sk

*584 370.40
 443 5755.22*

24. Name & Signature: *Cheryl Cameron* Title: Regulatory Specialist Date: 9/23/98
 Cheryl Cameron

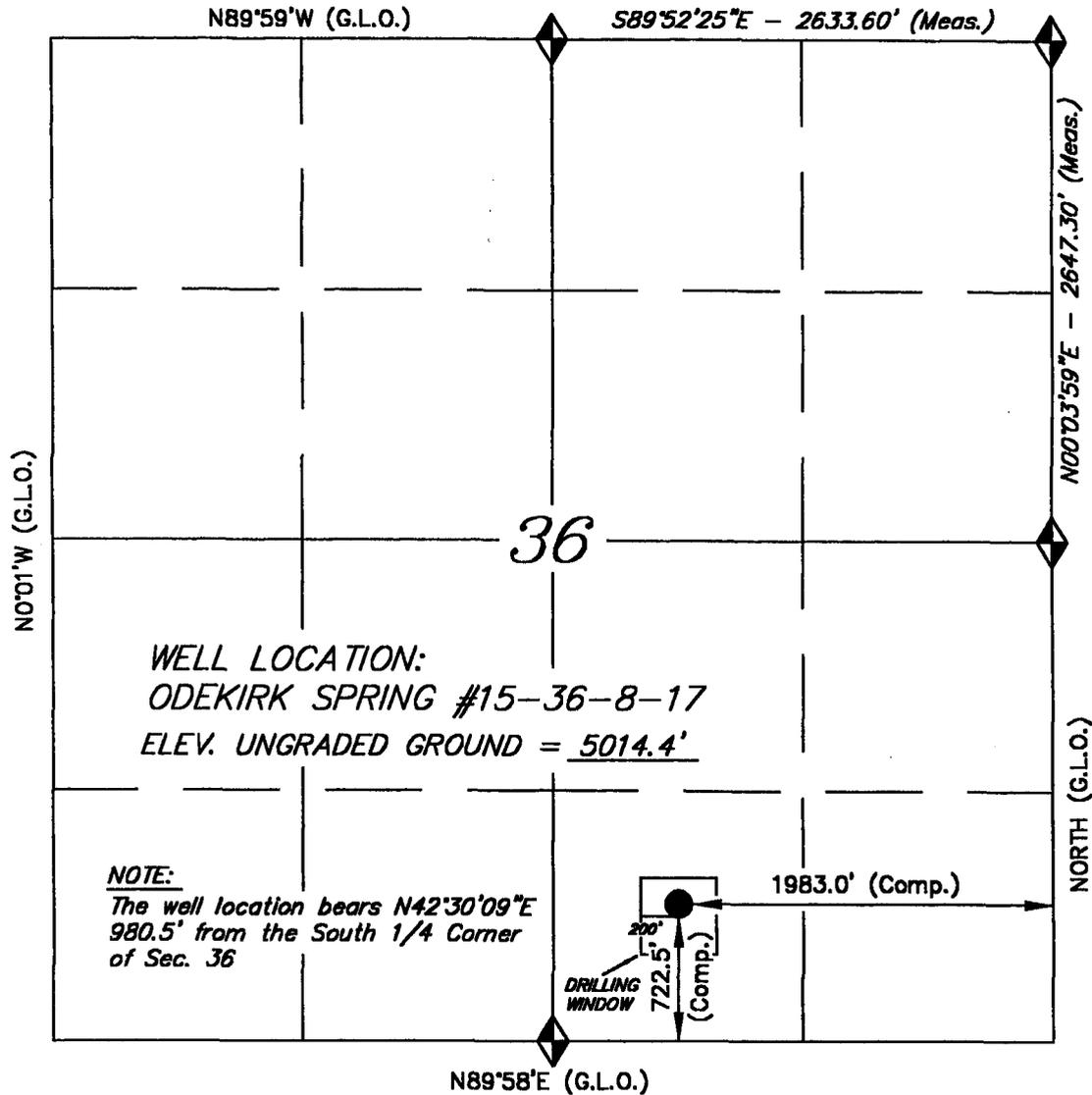
(This space for State use only)

API Number Assigned: 43-047-33199 APPROVAL: *[Signature]* 12/1/98

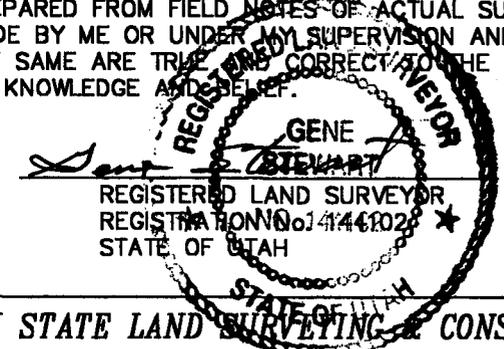
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, ODEKIRK SPRING
 #15-36-8-17, LOCATED AS SHOWN IN THE
 SW 1/4 SE 1/4 OF SECTION 36, T8S, R17E,
 S.L.B.&M. UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE 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.



NOTE:

The well location bears N42°30'09"E 980.5' from the South 1/4 Corner of Sec. 36

BASIS OF BEARINGS IS A GLOBAL POSITIONING SATELITE OBSERVATION

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

TRI STATE LAND SURVEYING & CONSULTING
 38 WEST 100 NORTH - VERNAL, UTAH 84078
 (801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.S.
DATE: 9-19-98	WEATHER: WARM
REVISIONS:	FILE #

**INLAND PRODUCTION COMPANY
ODEKIRK SPRING #15-36-8-17
SW/SE SECTION 36, T8S, R17E
UINTAH COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 1730'
Green River	1730'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1730' - 6500' - Oil

4. PROPOSED CASING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' ±, to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed location be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns. Inland also requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM

MUD TYPE

Surface - 320'	Air
320' - 4200'	Air/Mist & Foam
4200' - TD	The well will be drilled with fresh water through the Green River Formation @ 4200' ±, to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' ±, and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' ±. The cement bond log will be run from PBTD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the forth quarter of 1998, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
ODEKIRK SPRING 15-36-8-17
SW/SE SECTION 36, T8S, R17E
UINTAH COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Odekirk Spring #15-36-8-17 located in the SW ¼ SE ¼ Section 36, T8S, R17E, S.L.B. & M. Uintah County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 – 12.9 miles to its junction with an existing dirt road to the northeast; proceed northeasterly along this road – 2.6 miles to its junction with a dirt road to the east; proceed easterly 0.3 miles to the beginning of the proposed access road. Refer to Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 0.3 miles of access road is proposed.
See Topographic Map "B".

The proposed access road will be an 18" crown road (9" either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

See Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

** Public Water Source*

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Odekirk Spring #15-36-8-17. A temporary line may be used for water transportation from our existing supply line, from Johnson Water District, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (90' X 40' X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of sale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride chromate's, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the north between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the east between stakes 6 & 8.

Access to the well pad will be from the west between stakes 2 & 3.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling 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

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per State of Utah, and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP – State of Utah

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report is attached.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of the Odekirk Spring #15-36-8-17, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Odekirk Spring #15-36-8-17 we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, UT 84079
Telephone: (801) 789-1866

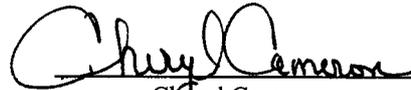
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #15-36-8-17 SW/SE Section 36, Township 8S, Range 17E: Lease #ML-44305 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

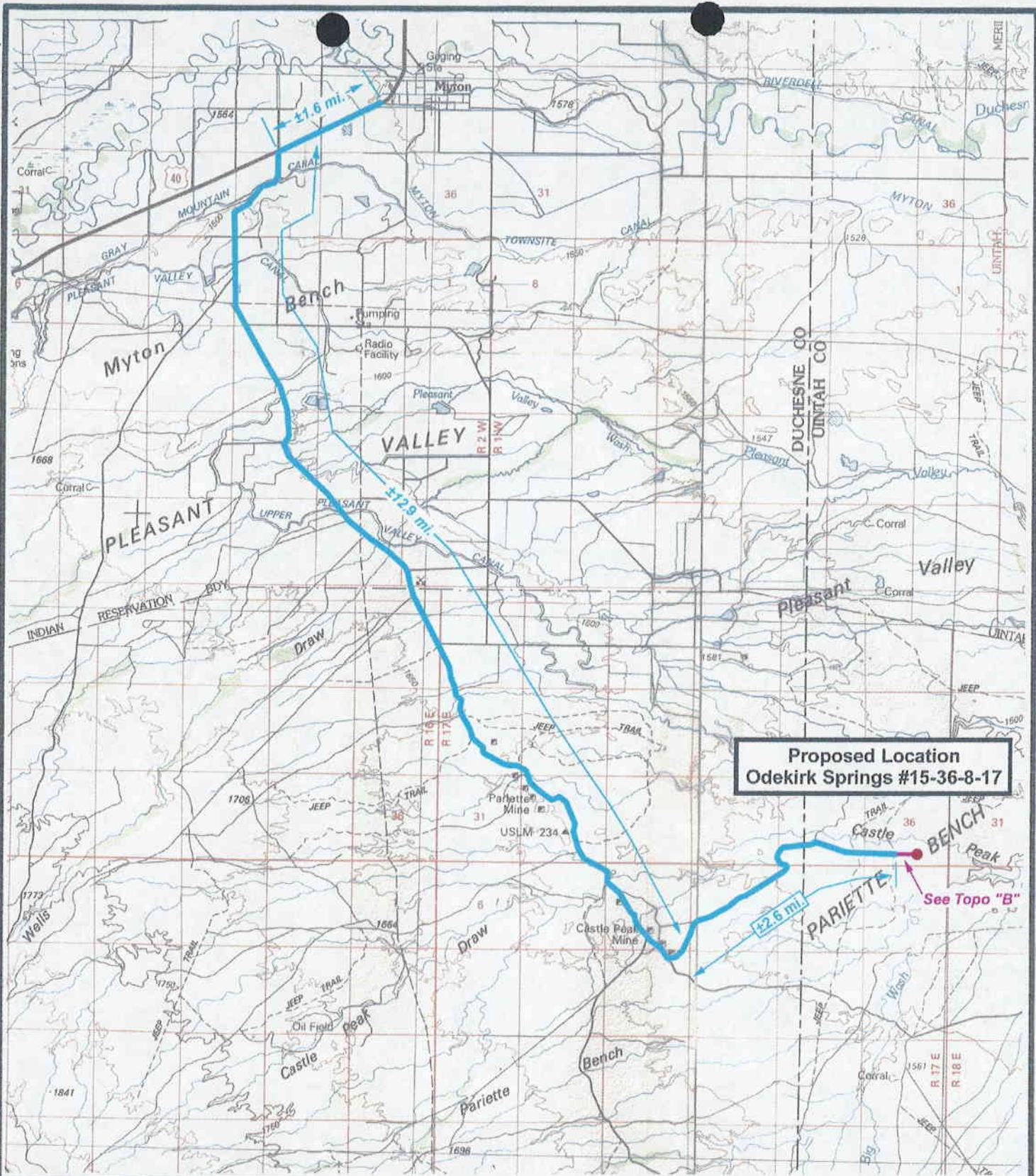
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

9/23/98

Date



Cheryl Cameron
Regulatory Specialist



**Proposed Location
Odekirk Springs #15-36-8-17**

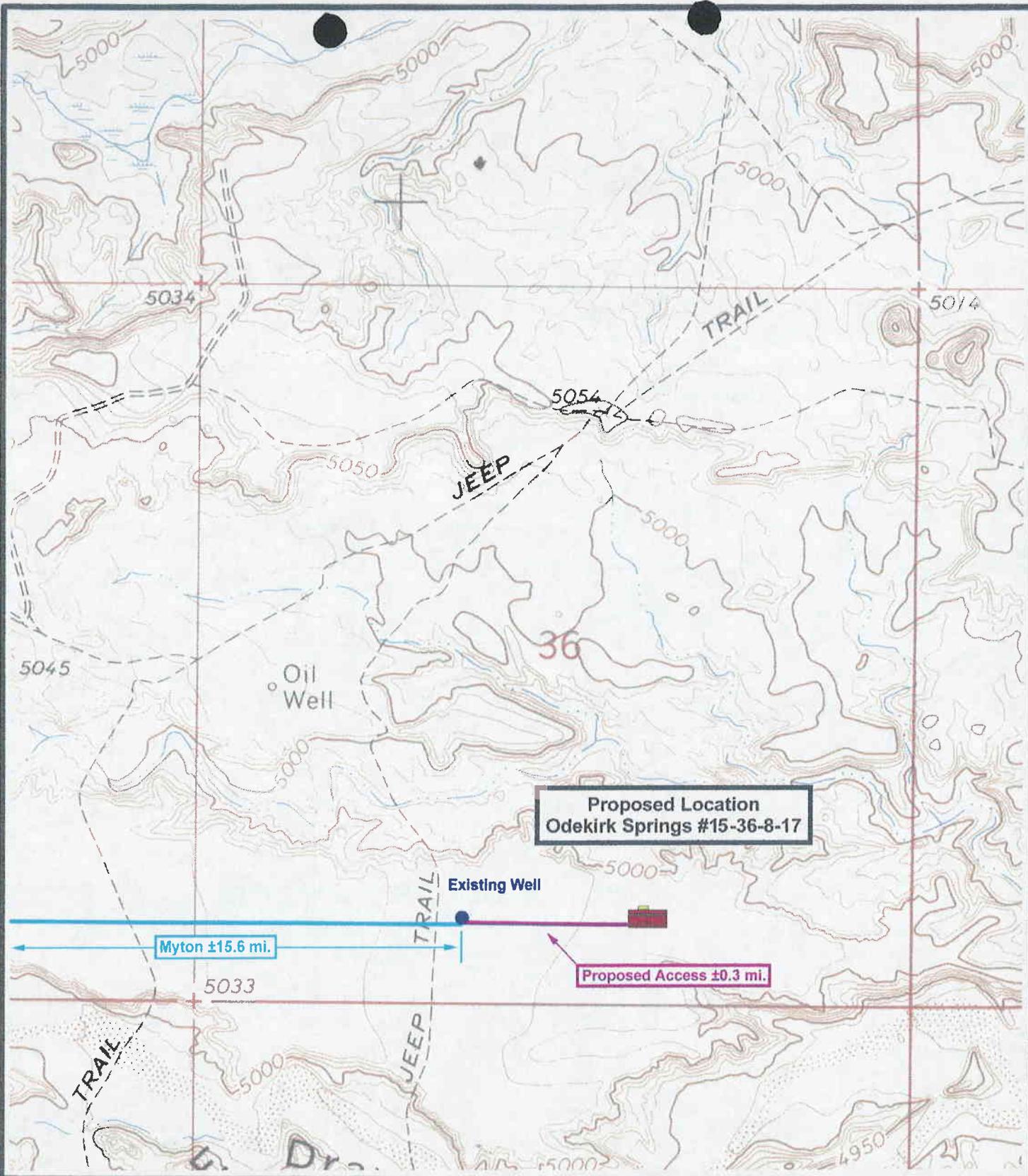
See Topo "B"



**ODEKIRK SPRINGS #15-36-8-17
SEC. 36, T8S, R17E, S.L.B.&M.
TOPOGRAPHIC MAP "A"**



Drawn By: SS	Revision:
Scale: 1 : 100,000	File:
Date: 9/14/98	
Tri-State Land Surveying Inc. P.O. Box 533, Vernal, UT 84078 435-781-2501 Fax 434-781-2518	



ODEKIRK SPRINGS #15-36-8-17
SEC. 36, T8S, R17E, S.L.B.&M.
TOPOGRAPHIC MAP "B"



Drawn By: SS

Revision:

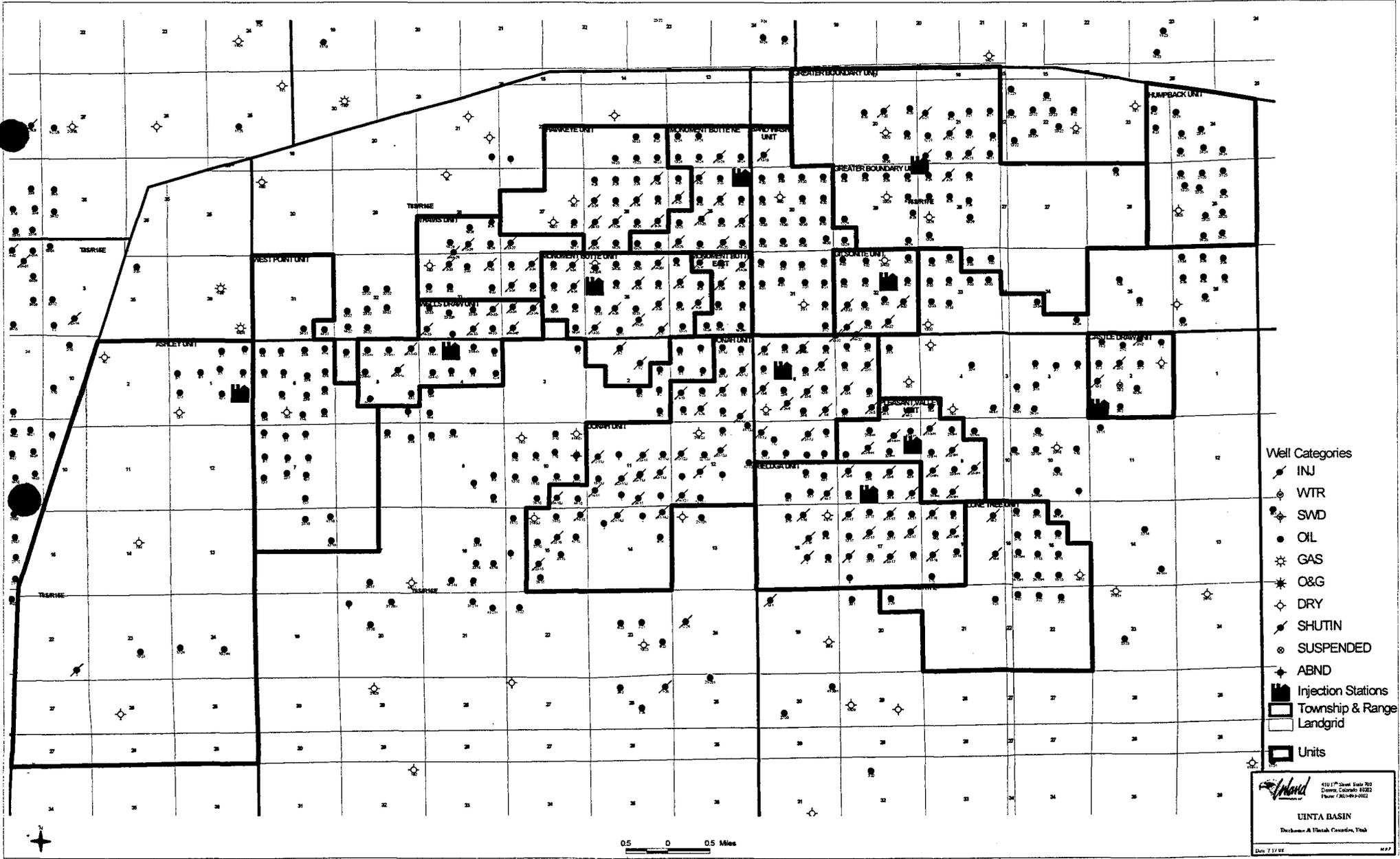
Scale: 1" = 1000'

File:

Date: 9/17/98

Tri-State Land Surveying Inc.
P.O. Box 533, Vernal, UT 84078
435-781-2501 Fax 434-781-2518

EXHIBIT "C"



INLAND PRODUCTION COMPANY

ODEKIRK SPRING #15-36-8-17
SEC. 36, T8S, R17E, S.L.B.&M.

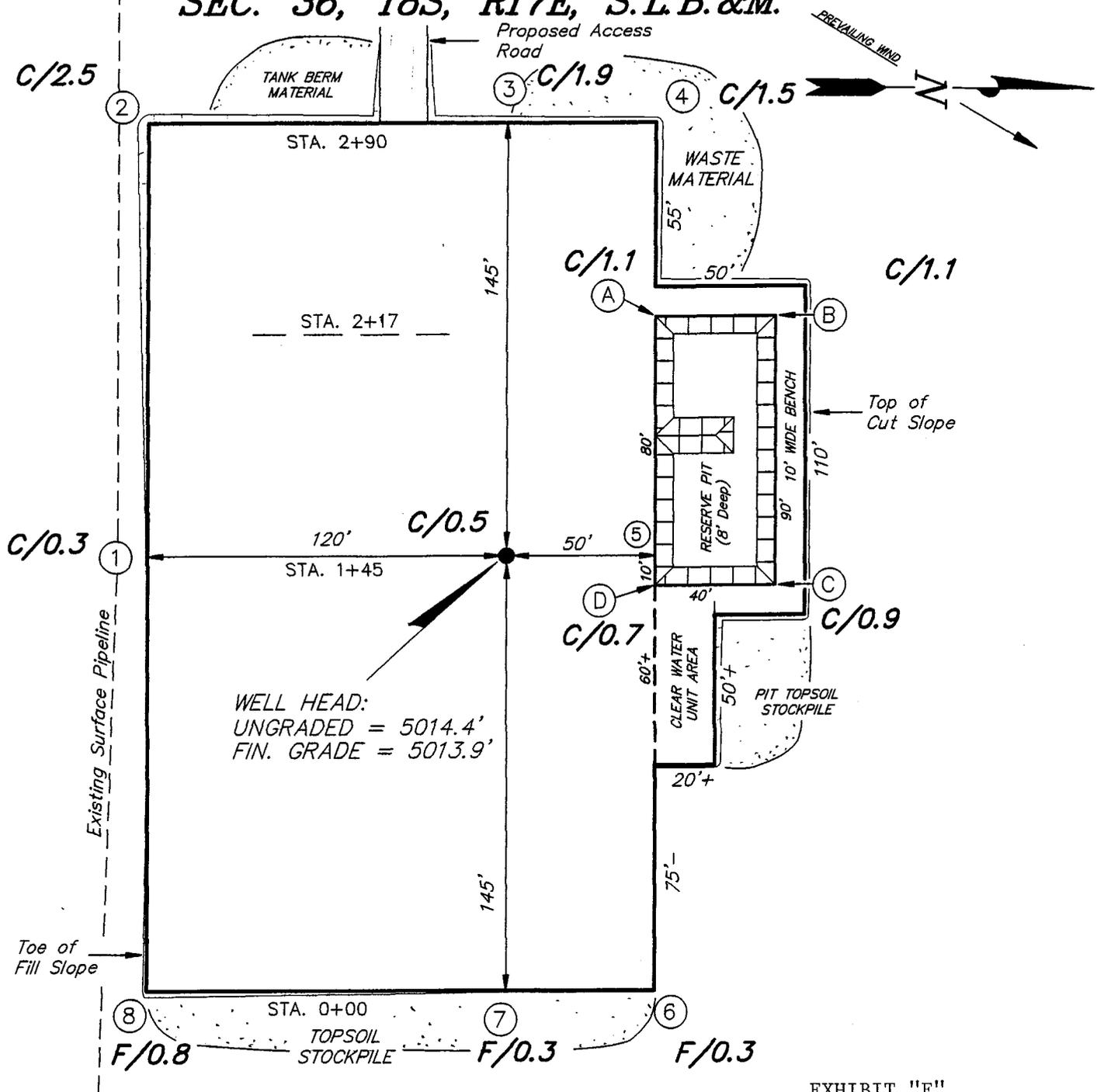


EXHIBIT "E"

REFERENCE POINTS

- 200' SOUTH = 5013.5'
- 250' SOUTH = 5013.3'
- 200' EAST = 5013.0'
- 250' EAST = 5012.6'

SURVEYED BY:	G.S.
DRAWN BY:	J.R.S.
DATE:	9-20-98
SCALE:	1" = 50'
FILE:	

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

CROSS SECTIONS

ODEKIRK SPRING #15-36-8-17

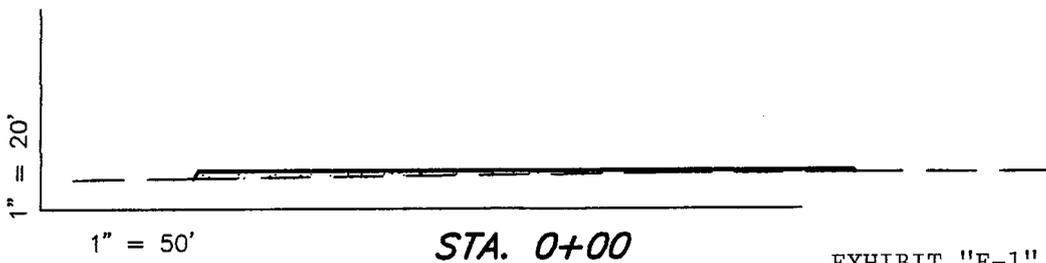
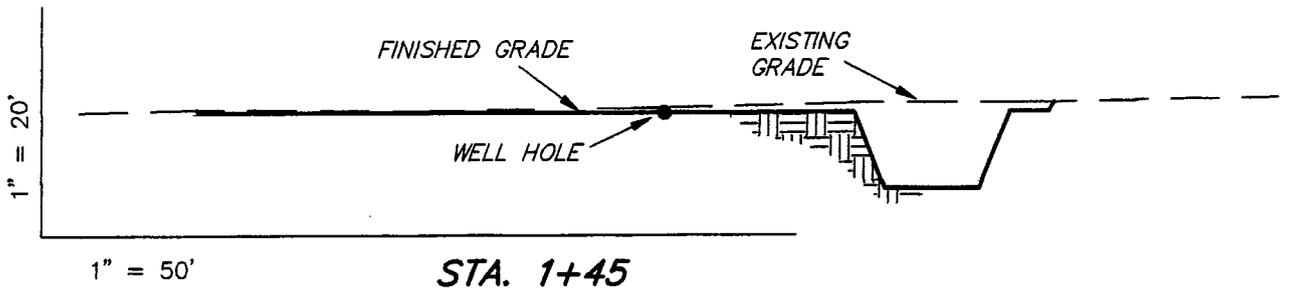
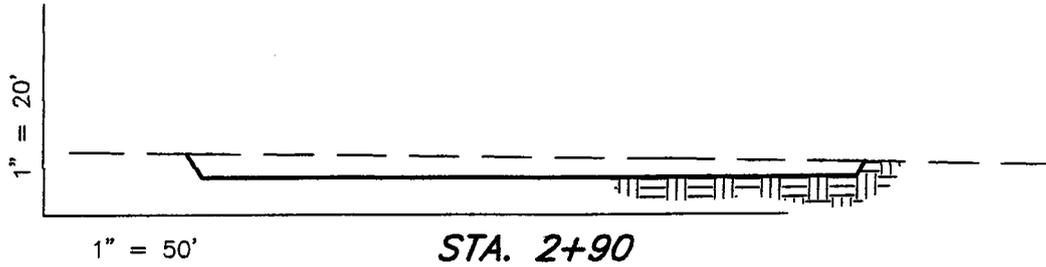


EXHIBIT "E-1"

APPROXIMATE YARDAGES

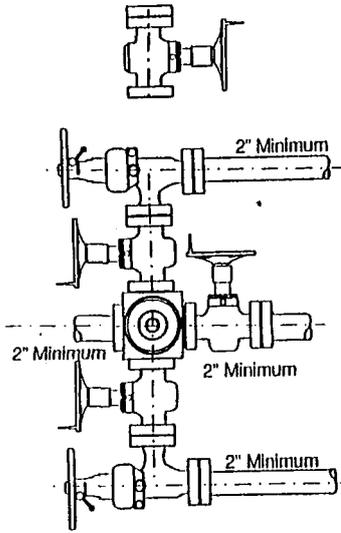
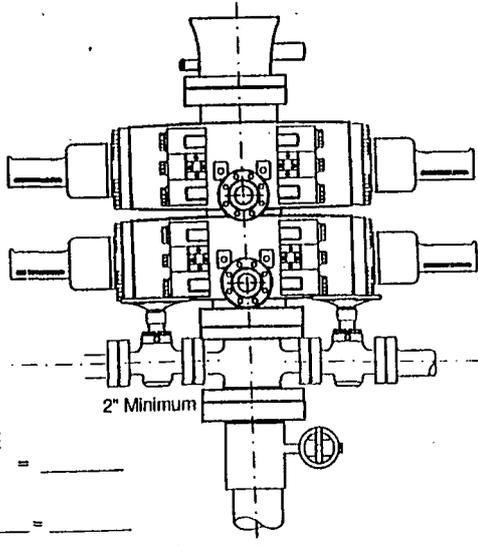
- CUT = 580 Cu. Yds.
- FILL = 520 Cu. Yds.
- PIT = 920 Cu. Yds.
- 6" TOPSOIL = 1,030 Cu. Yds.

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

The logo for Tri State Land Surveying, Inc. features a stylized triangle with a smaller triangle inside it, pointing upwards. The text is arranged to the right of the triangle.

2-M SYSTEM

RAM TYPE B.O.P.
 Make:
 Size:
 Model:



GAL TO CLOSE
 Annular BOP = _____
 Ramtype BOP
 _____ Rams x _____ = _____
 = _____ Gal.
 _____ x 2 = _____ Total Gal.

Rounding off to the next higher
 increment of 10 gal. would require
 _____ Gal. (total fluid & nitro volume)

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/28/98

API NO. ASSIGNED: 43-047-33199

WELL NAME: ODEKIRK SPRING 15-36-8-17
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)
 CONTACT: Cheryl Cameron (435) 789-1866

PROPOSED LOCATION:
 SWSE 36 - T08S - R17E
 SURFACE: 0723-FSL-1983-FEL
 BOTTOM: 0723-FSL-1983-FEL
 UINTAH COUNTY
 EIGHT MILE FLAT NORTH FIELD (590)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering	RTK	12-1-98
Geology		
Surface		

LEASE TYPE: STA
 LEASE NUMBER: ML-44305
 SURFACE OWNER: State

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State Fee
 (No. 4471291)

Potash (Y/N)

Oil Shale (Y/N) *190-5(B)

Water Permit
 (No. Johnson Water District)

RDCC Review (Y/N)
 (Date: _____)

St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3. Unit _____

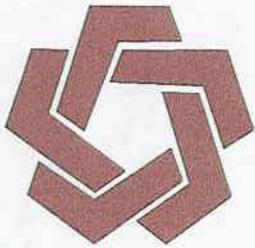
R649-3-2. General

___ R649-3-3. Exception

___ Drilling Unit
 Board Cause No: _____
 Date: _____

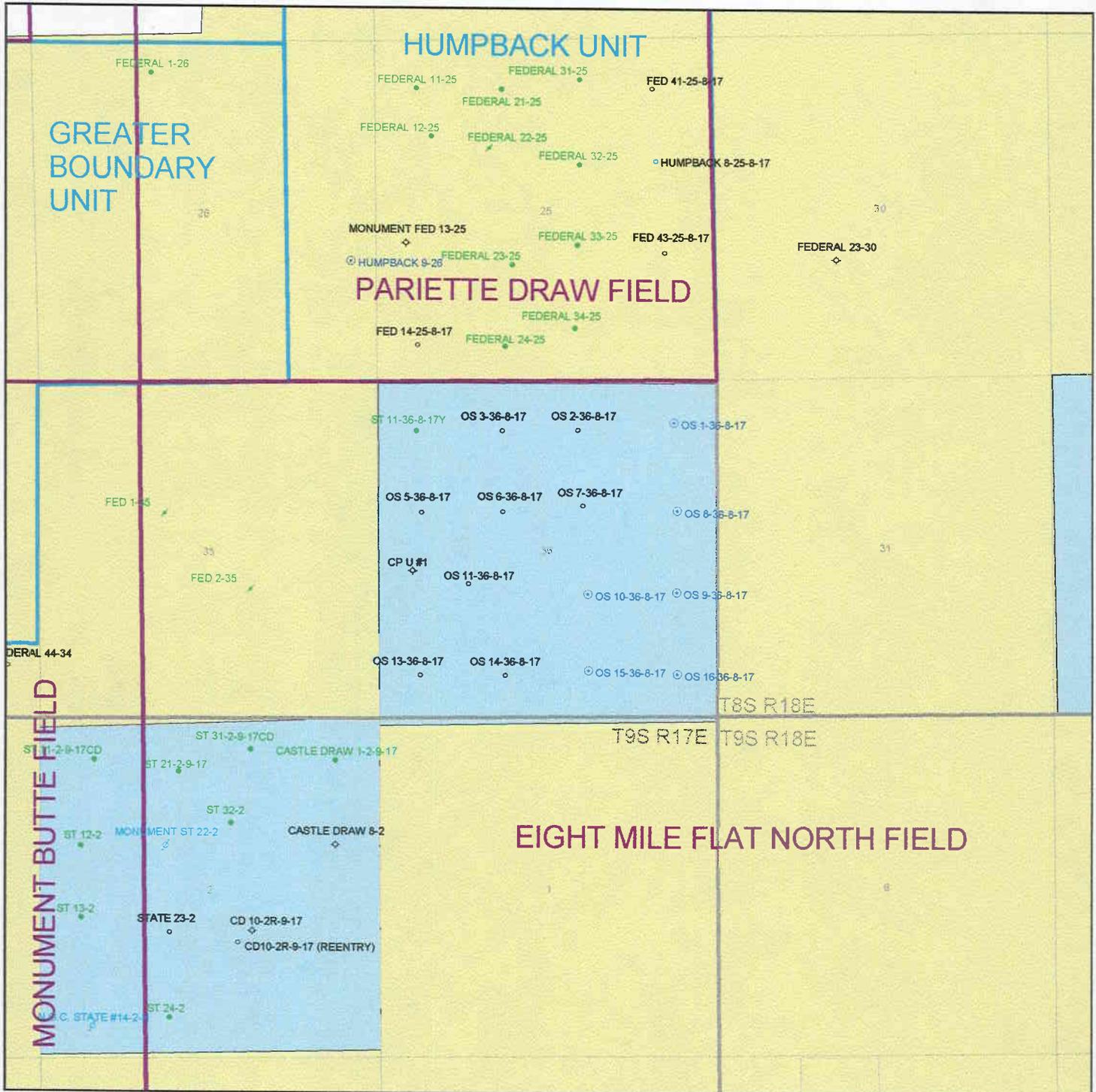
COMMENTS: _____

STIPULATIONS: ① STATEMENT OF BASIS



DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION COMPANY (N5160)
FIELD: EIGHT MILE FLAT NORTH (590)
SEC. 36, TWP 8S, RNG 17E,
COUNTY: UINTAH STATE TRUST LANDS



DATE PREPARED:
2-OCT-1998

**APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

Operator: INLAND PRODUCTION COMPANY **Well**
Name & Number: ODEKIRK SPRING 15-36 **API**
Number: 43-047-33199
Location: 1/4,1/4 SW/SE Sec. 36 T. 8S R. 17E

Geology/Ground Water:

The base of the moderately saline ground water is expected to be near the ground surface at this location. The Uinta Formation should have very limited fresh water resources in the near surface. The proposed casing and cement program should adequately protect any fresh water resources.

Reviewer: Brad Hill Date: 11/24/98

Surface:

The pre-site investigation has been performed by field personnel on 11/20/98. All applicable surface management agencies have been notified. No other agency personnel chose to attend. A plastic liner will not be required for the reserve pit on this location. At this investigation, it was decided to turn location 180 degrees from the way it was originally surveyed in order to place reserve pit south of well bore.

Reviewer: DAVID W. HACKFORD Date: 11/23/98

Conditions of Approval/Application for Permit to Drill:

1. The reserve pit shall be constructed south of the wellbore.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: INLAND PRODUCTION COMPANY
WELL NAME & NUMBER: ODEKIRK SPRING 15-36
API NUMBER: 43-047-33199
LEASE: ML 44305 FIELD/UNIT: MONUMENT BUTTE
LOCATION: 1/4, 1/4 SW/SE Sec: 36 TWP: 8S RNG: 17E 722' FSL 1983' FEL
LEGAL WELL SITING: 722' F SEC. LINE; 598' F 1/4, 1/4 LINE; _____ F ANOTHER WELL.
GPS COORD (UTM): 12589355E 4435731N
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM)
BRAD MECHAM (INLAND PRODUCTION CO.)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS ON A FLAT EXTENDING 400' IN ALL DIRECTIONS EXCEPT FOR A BOWL JUST NORTH OF SITE WHICH LEADS TO CASTLE PEAK DRAW. DRAINAGE IS IN A NORTHERLY DIRECTION TOWARD CASTLE PEAK DRAW.

SURFACE USE PLAN

CURRENT SURFACE USE: LIVESTOCK AND WILDLIFE GRAZING

PROPOSED SURFACE DISTURBANCE: 290 FEET BY 210 FEET FOR LOCATION AND 0.3 MILES PROPOSED ACCESS.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM THE GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: PRODUCTION FACILITIES WILL BE ON LOCATION.

SOURCE OF CONSTRUCTION MATERIAL: MATERIALS WILL BE BORROWED FROM LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL

CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO A LANDFILL. ALL HAZARDOUS WASTES WILL BE DISPOSED OF OFFSITE AT AN APPROVED FACILITY.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, SALT BRUSH, PRICKLY PEAR, SHADSCALE: PRONGHORN, RODENTS, RABBITS, COYOTES, SONG BIRDS, RAPTORS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY WITH MULTI-COLORED SHALE ROCKS.

SURFACE FORMATION & CHARACTERISTICS: UINTA FORMATION, SOUTH FLANK OF UINTA MOUNTAINS.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION, NO STABILITY PROBLEMS ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 40' BY 110' AND EIGHT FEET DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): NO LINER WILL BE REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN AS PER STATE OF UTAH, TRUST LANDS.

SURFACE AGREEMENT: STATE OF UTAH, TRUST LANDS

CULTURAL RESOURCES/ARCHAEOLOGY: A REPORT OF THE ARCHAEOLOGY INVESTIGATION WAS SUBMITTED WITH THE APD.

OTHER OBSERVATIONS/COMMENTS: ONSITE WAS DONE ON A CLEAR, COLD DAY.

ATTACHMENTS

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

11/20/98 8:30 AM
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		
75 to 100	5	
25 to 75	10	
<25 or recharge area	15	<u>5</u>
	20	
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>0</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>0</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud	15	
Fluid containing significant levels of hazardous constituents	20	<u>5</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>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>

Presence of Nearby Utility
Conduits

Not Present	0
Unknown	10
Present	15

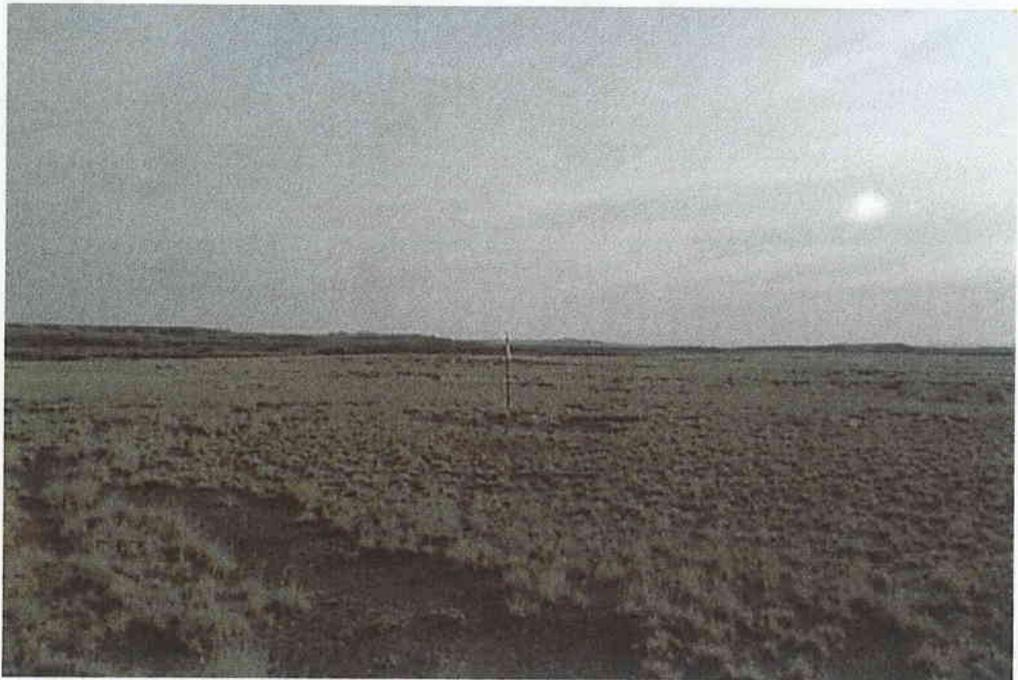
0

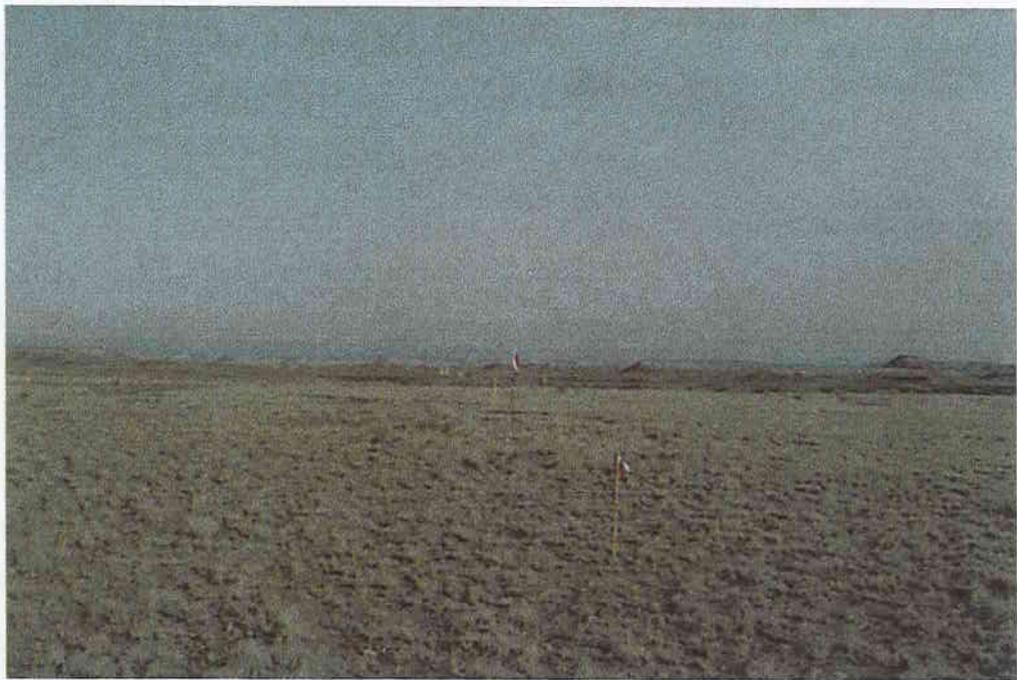
Final Score 10











Well name:

Inland Odekirk 15-36-8-17

Operator: **Inland Production Company**

String type: **Surface**

Project ID:
43-047-33199

Location: **Uintah Co.**

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 130 psi
Internal gradient: 0.003 psi/ft
Calculated BHP: 131 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

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 buoyed weight.

Neutral point: 262 ft

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 300 ft

Cement top: 1 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,500 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,836 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure: 300 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 (ft³)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	14.4
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	131	1370	10.47	131	2950	22.54	6	244	38.79 J

Prepared RJK
by: State of Utah

Date: December 1, 1998
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Duniop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 300 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

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

Well name:	Inland Odekirk 15-36-8-17	
Operator:	Inland Production Company	
String type:	Production	Project ID: 43-047-33199
Location:	Uintah Co.	

Design parameters:

Collapse

Mud weight: 8.400 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: 75 °F
Bottom hole temperature 166 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 300 ft

Cement top: 392 ft

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.436 psi/ft
Calculated BHP 2,836 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 buoyed weight.
Neutral point: 5,674 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 (ft³)
1	6500	5.5	15.50	J-55	ST&C	6500	6500	4.825	203.8
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	2836	4040	1.42	2836	4812	1.70	88	202	2.30 J

Prepared RJK
by: State of Utah

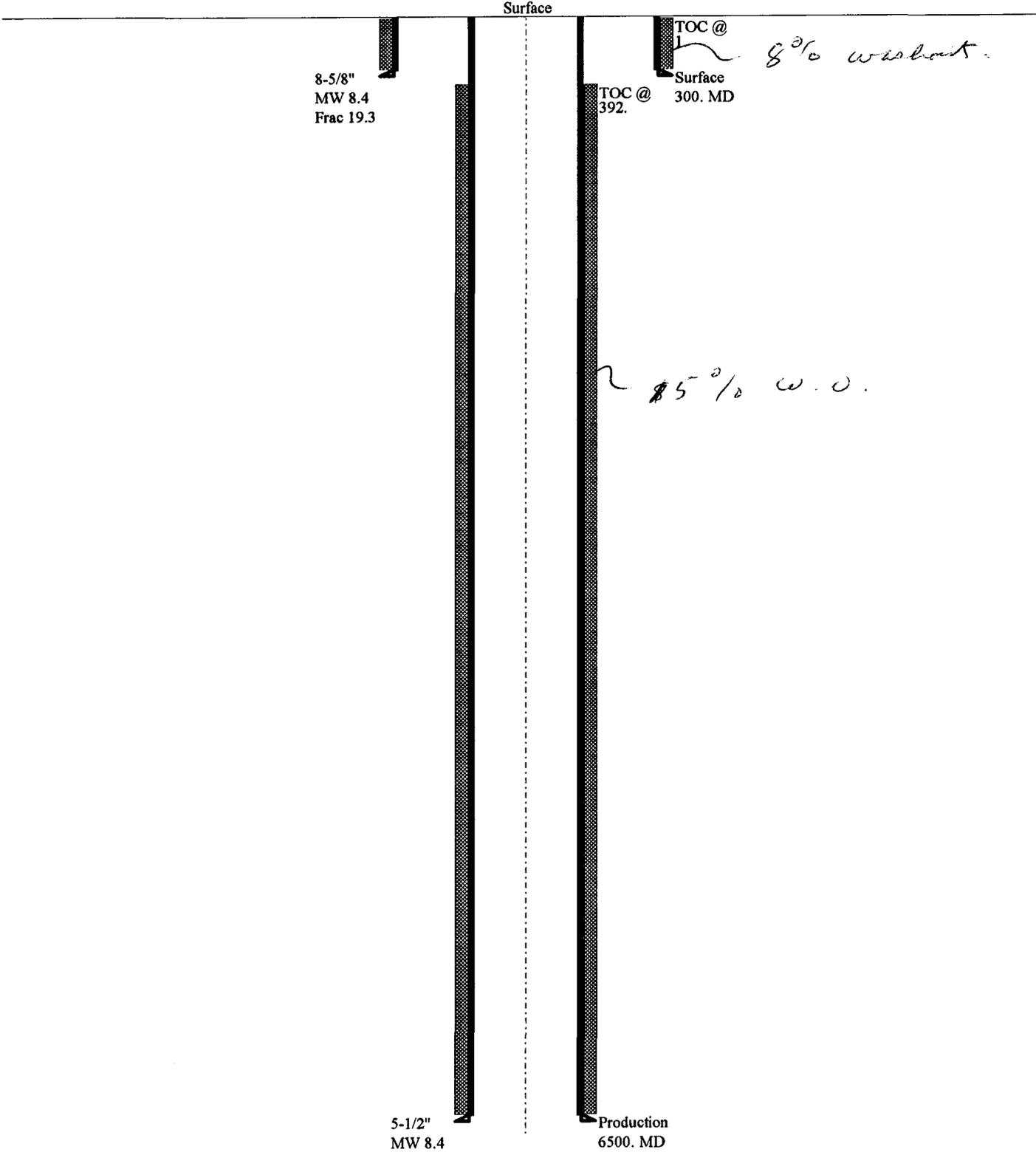
Date: December 1, 1998
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
In addition, burst strength is biaxially adjusted for tension.

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

Inland Odekirk 15-36-8-17
Casing Schematic





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

December 1, 1998

Inland Production
P.O. Box 790233
Vernal, Utah 84079

Re: Odekirk Spring 15-36-8-17 Well, 723' FSL, 1983' FEL, SW SE, Sec. 36, T. 8 S.,
R. 17 E., Uintah 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 43-047-33199.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza
Associate Director

lwp

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company

Well Name & Number: Odekirk Spring 15-36-8-17

API Number: 43-047-33199

Lease: State Surface Owner: State

Location: SW SE Sec. 36 T. 8 S. R. 17 E.

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

Notify the Division 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

Division contacts (please leave a voice mail message if person is not available to take the call):

- . Dan Jarvis at (801) 538-5338
- . Robert Krueger at (801) 538-5274 (plugging)
- . Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals shall 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. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical, or paleontological remains be encountered during your operations you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

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

1. SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. ML-44305	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME Odekirk Spring 15-36-8-17	
3. ADDRESS OF OPERATOR 410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102		9. WELL NO. 15-36	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/SE 723' FSL 1983' FEL		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/SE Sec. 36 T8S R17E	
14. API NUMBER 43-047-33199	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5014.4' GR	12. COUNTY OR PARISH Uintah	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) _____ <input type="checkbox"/>
(OTHER) <input checked="" type="checkbox"/> APD Extension	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company requests that a one year APD extension be granted to the above referenced location

COPY SENT TO OPERATOR
 Date: 2-16-00
 Initials: CHD

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 2/16/00
 By: [Signature]

RECEIVED

FEB 14 2000

DIVISION OF
OIL, GAS AND MINING

18. I hereby certify that the foregoing is true and correct
 SIGNED Jon Holst TITLE Counsel DATE 2/10/99

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: ODEKIRK SPRING 15-36-8-17

Api No. 43-047-33199 LEASE TYPE: STATE

Section 36 Township 08S Range 17E County UINTAH

Drilling Contractor UNION DRILLING RIG # 14

SPUDDED:

Date 07/23/2000

Time 3:50 PM

How DRY

Drilling will commence _____

Reported by GARY DIETZ

Telephone # 1-435-646-3721

Date 07/25/2000 Signed: CHD

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

5. LEASE DESIGNATION AND SERIAL NO. ML - 44305	
1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME N/A
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY	8. FARM OR LEASE NAME Odekirk Spring
3. ADDRESS OF OPERATOR Route 3, Box 3630 Myton, Utah 84052 (435) 646-3721	9. # 15-36-8-17
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 723' FSL & 1983' FEL SW/SE	10 FIELD AND POOL, OR WILDCAT Monument Butte
	11 SEC. T, R, M, OR BLK. AND SURVEY OR AREA Sec 36, T8s, R17E
14 API NUMBER 43-047-33199	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5014.4' GR
	12 COUNTY OR PARISH Uintah
	13 STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

<p>NOTICE OF INTENTION TO:</p> <p>TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(OTHER) _____ <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/></p> <p>(OTHER) <u>Surface Spud</u> <input checked="" type="checkbox"/></p> <p>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>
--	--

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU UNION RIG # 14. Set equipment on 7/22/00. Drill mouse hole & rat hole. Spud well @ 1:00PM ON 7/23/00. Drill 17 1/4" hole and set 23' of 133/8" conductor. Nipple up cellar. Drill 12 1/4" hole with air mist to a depth of 323'. TIH w/ 85/8" J-55 24# csg. Landed @ 305.65w/KB. Cement with *141sks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg.>1.17 YLD. Estimated 2 bbls cement to surface. WOC 4 hours. Break out & Nipple up BOP's. Pressure test Kelly, TIW, Choke manifold, & BOP's TO 2000 psi. Test 85/8" CSG. TO 1500 PSI. ALL TESTED GOOD. Utah DOGM, & Vernal BLM notified by phone.

18 I hereby certify that the foregoing is true and correct

SIGNED *A. Wisen* TITLE Drilling Foreman DATE 07/24/2000

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

RECEIVED

JUL 25 2000

DIVISION OF OIL, GAS AND MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 305.45

LAST CASING 8 5/8' SET AT 305.45/KB
 DATUM 10' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 323' LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR INLAND PRODUCTION COMPANY
 WELL Odekirk Springs 15-36-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # UNION RIG 14

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					14
		WHI " 92 " CSG HEAD			8rd	A	0.95
7	8 5/8"	Maverick SC&T CSG	24 #	J-55	8rd	A	293.6
		SHOE - GUIDE			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			309.45
TOTAL LENGTH OF STRING		309.45	7	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.85		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		0	0	CASING SET DEPTH			305.45
TOTAL		293.6	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		293.6	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		12:00am		GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		12:45AM		Bbls CMT CIRC TO SURFACE <u>2 BBLS-</u>			
BEGIN CIRC		1:05AM		RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		1:20AM		DID BACK PRES. VALVE HOLD ? <u>N/A</u>			
BEGIN DSPL. CMT		1:30AM		BUMPED PLUG TO _____ 240 _____ PSI			
PLUG DOWN		1:40AM					
CEMENT USED		CEMENT COMPANY- <u>B. J.</u>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	141	Class "G" w/ 2% CaCL2 + .1/4# /sk. Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
		RECEIVED					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
1 on middle of first JT, 1 on collar of the second & third JT. TOTAL 3			JUL 25 2000				
DIVISION OF							
OIL, GAS AND MINING							

COMPANY REPRESENTATIVE Pat Wisener

DATE 07/23/2000

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: Odekirk Springs 15-36

API number: 43-047-33199

Well Location: QQ SW/SE Section 36 Township 8S Range 17E County UINTAH

Well Operator: INLAND PRODUCTION COMPANY

Address: Route 3 Box 3630

Myton, Utah 84052 Phone: 435-646-3721

Drilling Contractor: Union Drilling

Address: Drawer 40

Buckhannon, WV 26201 Phone: 304-472-4610

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
3154'	3170'	Estimated @ 1.5gals/MIN.	TRONA (salty)

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

Formation Tops: Surface (Uinta) _____

If an analysis has been made of the water encountered, please attach a copy of the report to this form. YES

I hereby certify that this report is true and complete to the best of my knowledge. Date: 07/30/00

Name & Signature: *RAT Wisene* Time: 10:00 AM

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 7/27/00

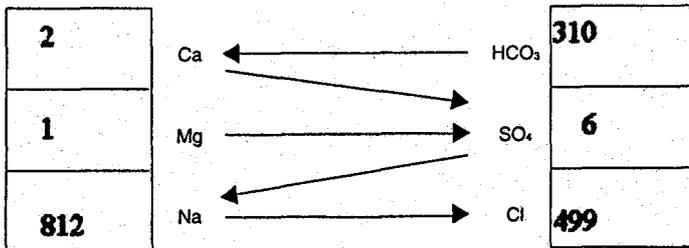
Source ODEKIRK 15-36 Date Sampled _____ Analysis No. _____

3154'

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>10.2</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.046</u>		
4. Dissolved Solids		<u>53,158</u>	
5. Alkalinity (CaCO ₃)		<u>2,400</u>	÷ 30 <u>80</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>14,030</u>	÷ 61 <u>230</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>17,700</u>	÷ 35.5 <u>499</u> Cl
9. Sulfates (SO ₄)		<u>300</u>	÷ 48 <u>6</u> SO ₄
10. Calcium (Ca)		<u>40</u>	÷ 20 <u>2</u> Ca
11. Magnesium (Mg)		<u>12</u>	÷ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO ₃)		<u>150</u>	
13. Total Iron (Fe)		<u>80.0</u>	
14. Manganese		<u>0.5</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>1</u>			<u>73</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>307</u>			<u>25,788</u>
Na ₂ SO ₄	71.03	<u>6</u>			<u>426</u>
NaCl	58.46	<u>499</u>			<u>29,172</u>

Saturation Values

CaCO₃

CaSO₄ · 2H₂O

MgCO₃

Distilled Water 20°C

13 Mg/l

2,090 Mg/l

103 Mg/l

REMARKS _____

INLAND PRODUCTION COMPANY
GEOLOGIC PROGNOSIS AND LOG DISTRIBUTION LIST

(Updated 6/8/2000)

WELL: Odekirk Spring #15-36-8-17

API Number: 43-047-33199

LOCATION: 723' FSL, 1983' FEL (SWSE)
Section 36, T8S, R17E
Uintah County, Utah

ELEVATION: 5014' Ground
5024' KB

TOPS:

Uinta Formation	surface
Green River Formation	
Garden Gulch Member	3860'
Point Three Marker	4419'
'X' Marker	4634'
'Y' Marker	4675'
Douglas Creek Member	4796'
Bicarbonate	5051'
B Limestone	5166'
Castle Peak Limestone	5609'
Basal Limestones	

ANTICIPATED PAY SANDS:

D-2	4882'
C-SD	5000'
A-1	5277'
CP-1	5650'
CP-2	5693'

TOTAL DEPTH: 5850'

CORES: None planned

DSTS: None planned

SAMPLES: 30' samples from 3000' to TD

DRILLING:

Union Rig#14: (435) 828 6434

Pusher: (435) 828 6433 Rex Harris

Superintendent: David Gray (435) 828 8031 (cellular)

REPORT WATER FLOWS TO UTAH DIVISION OF OIL, GAS AND MINING: (801) 538 5340

OPEN HOLE LOGGING:

Phoenix Surveys: David Jull (435) 637 4420

DIGL/SP/GR Suite: TD to surface casing

CDL/CNL/GR/CAL Suite logs: TD to 3000'

Gamma Ray scale 0-150

Matrix density 2.68

LAS data floppy required.

DATA DISTRIBUTION:

RECEIVED

JUL 31 2000

**DIVISION OF
OIL, GAS AND MINING**

Inland Production Company (Mail 6 copies)
Route #3 Box 3630
Myton, UT 84052
Attn: Brad Mecham

Inland Production Company (Mail 6 copies,
EXPRESS)
410 17th St., Suite 700
Denver, CO 80202
Fax: 303-382-4455
Attn: Josh Axelson

State of Utah
Division of Oil, Gas and Mining (Mail 1 copy)
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Bureau of Land Management (Mail 1 copy)
170 S. 500 East
Vernal, UT 84078
Attn: Ed Forsman

COMPANY CONTACTS:

Pat Wisener (District Drilling Foreman)
(435) 646 3721 office
(435) 646 3031 office fax
(435) 823 7468 cellular
(435) 646 1270 pager

Brad Mecham (District Manager)
(435) 646 3721 office
(435) 646 3031 office fax
(435) 823 6205 cellular
(435) 353 4211 home

Donn Murphy (Operations Manager)
(303) 893 0102 X440 office
(303) 526 7748 home
(435) 823 3737 cellular

Yates Drilling Company
Abo Petroleum Corporation
Myco Industries, Inc.
Attention: Mark Mauritsen
105 South Fourth Street
Artesia, NM 88210
(505) 748 1471
(505) 748 4570 office fax
(Mail 1 field print & 2 copies of the final prints)
(Fax 1 Field print to: (505) 748 4321)

PARTNERS:

Yates Petroleum Corporation

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM - FORM 6

OPERATOR: INLAND PRODUCTION COMPANY
 ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12826	43-047-33199	Odekirk 15-36	SW/SE	36	8S	17E	Uintah	July 22, 2000	7/22/00
WELL 1 COMMENTS: <i>8-1-00</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12827	43-047-33196	Odekirk 8-36	SE/NE	36	8S	17E	Uintah	July 30, 2000	7/30/00
WELL 2 COMMENTS: <i>8-1-00</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 3 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 4 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entry for new well (single well only)
- B - Add new well to existing entry (double or triple well)
- C - Reassign well from one existing entry to another existing entry
- D - Reassign well from one existing entry to a new entry
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

Signature Kebbia S. Jones
 Title Production Clerk Date July 31, 2000

P. 02
 FAX NO. 435 646 3031
 INLAND PRODUCTION CO
 JUL-31-00 MON 02:43 PM

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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. ML - 44305	
1. (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
		7. UNIT AGREEMENT NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME Odekirk Spring	
3. ADDRESS OF OPERATOR Route 3, Box 3630 Myton, Utah 84052 (435) 646-3721		9. # 15-36-8-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 723' FSL & 1983' FEL SW/SE		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec 36, T8s, R17E	
14. API NUMBER 43-047-33199	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5014.4' GR	12. COUNTY OR PARISH Uintah	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO: TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (OTHER) <input type="checkbox"/>	SUBSEQUENT REPORT OF: WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (OTHER) <u>Weekly Status</u> <input checked="" type="checkbox"/> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
--	---

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drill a 7 7/8" hole with air mist to a depth of 3851'. TOH with drill string & BHA. PU & MU bit #4, MM, & BHA. Drill a 7 7/8" hole with water based mud to a depth of 5850'. Lay down drill string & BHA. Open hole log. PU & MU 138 jt's 4 1/2" 11.6# J-55 csgn. Set @ 5845' KB. *Cement with *425 sks Premlite II w/8% GEL. & 3% KCL mixed to 12.0ppg >2.45YLD. *500 sks 50/50 POZ w/3% GEL. & 3% KCL mixed to 14.4 ppg. >1.24YLD. Good returns. Bump plug to 2255 psi. Nipple down BOP's. Drop slips with 60,000#. Release rig @ 4:45pm on 7/29/00. WOC

18 I hereby certify that the foregoing is true and correct

SIGNED *John Wisner* TITLE Drilling Foreman DATE 07/31/2000

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

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AUG 01 2000

DIVISION OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

4 1/2" CASING SET AT 5845'

LAST CASING 8 5/8" SET AT @ 304'
 DATUM 10' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5850' LOGGER TD @ 5857
 HOLE SIZE 7 7/8"

OPERATOR INLAND PRODUCTION COMPANY
 WELL Odekirk State 15-36-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # UNION RIG 14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					12.4
138	4 1/2"	Maverick LT & C casing	11.6#	J-55	8rd	A	5843.68
		SHOE - Float/Guide					0.8
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5856.88
TOTAL LENGTH OF STRING		5856.88	140	LESS CUT OFF PIECE			22.16
LESS NON CSG. ITEMS		13.2	2	PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		79.19	2	CASING SET DEPTH			5844.72
TOTAL		5922.87	140	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5922.87	140				
TIMING		1ST STAGE	2ND STAGE	AUG 01 2000 DIVISION OF OIL, GAS AND MINING GOOD CIRC THRU JOB <u>yes</u> Bbls CMT CIRC TO SURFACE <u>10 bbls dye wtr</u> RECIPROCATED PIPE FOR <u>5 mins.</u> THRU <u>8' FT</u> STROKE DID BACK PRES. VALVE HOLD ? <u>yes</u> BUMPED PLUG TO <u>2255</u> PSI			
BEGIN RUN CSG.		7:30 AM					
CSG. IN HOLE		10:30 AM					
BEGIN CIRC		10:31 AM					
BEGIN PUMP CMT		11:38 AM	12:04 PM				
BEGIN DSPL. CMT			12:27 PM				
PLUG DOWN			12:45 PM				
CEMENT USED		CEMENT COMPANY- BJ					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	425	Premlite 2 W/ .5% S.M., 8% gel, 5#/sk BA-90, 3#/sk kolseal, 3% KCL, 1/4#/sk C.F mixed @ 12.0 ppg W/ 2.45 cf/sk yield.					
2	500	50/50 poz W/ 3% KCL, 1/4#/sk C.F., 2% gel, .3% S.M. mixed @ 14.4 ppg W/ 1.24 cf/sk yield.					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
1 on middle of first JT, 1 on collar of the second & third JT. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Gary Dietz DATE 7/29/00

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-44305 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A 7. UNIT AGREEMENT NAME NA	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME Odekirk Spring 15-36-8-17	
3. ADDRESS OF OPERATOR Route 3, Box 3630 Myton, Utah 84052 (435) 646-3721		9. 15-36-8-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/SE 723' FSL & 1983' FEL		10. FIELD AND POOL, OR WILDCAT Monument Butte 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 36, T8S, R17E	
14. API NUMBER 43-047-33199	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5014.4'	12. COUNTY OR PARISH Uintah	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (OTHER) _____ <input type="checkbox"/>		SUBSEQUENT REPORT OF: WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (OTHER) <u>Weekly Status</u> <input checked="" type="checkbox"/>	
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Status report for time period 8/21/00 through 8/27/00.
Subject well had completion procedures initiated on 8/21/00. A total of four Green River intervals were perforated and hydraulically fractured. Bridge plugs and sand plugs were removed from wellbore. Zones are being swab tested to clean up sand at present time.

18 I hereby certify that the foregoing is true and correct.

SIGNED <u><i>Gary Dietz</i></u>	TITLE <u>Completion Foreman</u>	DATE <u>8/28/00</u>
Gary Dietz		

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

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AUG 29 2000

DIVISION OF
OIL, GAS AND MINING

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <p style="text-align: center;">ML-44305</p>	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <p style="text-align: center;">N/A</p>	
2. NAME OF OPERATOR <p style="text-align: center;">INLAND PRODUCTION COMPANY</p>		7. UNIT AGREEMENT NAME <p style="text-align: center;">NA</p>	
3. ADDRESS OF OPERATOR <p style="text-align: center;">Route 3, Box 3630 Myton, Utah 84052 (435) 646-3721</p>		8. FARM OR LEASE NAME <p style="text-align: center;">Odekirk Spring 15-36-8-17</p>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <p style="text-align: center;">SW/SE 723' FSL & 1983' FEL</p>		9. <p style="text-align: center;">15-36-8-17</p>	
14 API NUMBER <p style="text-align: center;">43-047-33199</p>		10 FIELD AND POOL, OR WILDCAT <p style="text-align: center;">Monument Butte</p>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p style="text-align: center;">5014.4'</p>		11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p style="text-align: center;">Section 36, T8S, R17E</p>	
12 COUNTY OR PARISH <p style="text-align: center;">Uintah</p>		13 STATE <p style="text-align: center;">UT</p>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> <input type="checkbox"/> (OTHER) _____ <input type="checkbox"/>		SUBSEQUENT REPORT OF: WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (OTHER) <u>Weekly Status</u> <input checked="" type="checkbox"/> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Status report for time period 8/28/00 through 9/3/00.
 Subject well had completion procedures initiated on 8/21/00. A total of four Green River intervals were perforated and hydraulically fractured. Bridge plugs and sand plugs were removed from wellbore. Zones were swab tested to clean up sand. Production equipment was ran in wellbore. Well began producing on pump on 8/29/00.

18 I hereby certify that the foregoing is true and correct.

SIGNED <u>Gary Dietz</u>	TITLE <u>Completion Foreman</u>	DATE <u>9/4/00</u>	
--------------------------	---------------------------------	--------------------	--

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

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SEP 11 2000

DIVISION OF
OIL, GAS AND MINING

(See other instructions on reverse side)

OMB NO. 1004-0137
Expires: February 28, 1995

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ 1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____	5. LEASE DESIGNATION AND SERIAL NO. <p align="center">ML-44305</p> 6. IF INDIAN, ALLOTTEE OR TRIBE NAME <p align="center">NA</p> 7. UNIT AGREEMENT NAME <p align="center">NA</p> 8. FARM OR LEASE NAME, WELL NO. <p align="center">ODEKIRK SPRING 15-36-8-17</p>
--	---

2. NAME OF OPERATOR <p align="center">INLAND RESOURCES INC.</p>		9. API WELL NO. <p align="center">43-047-33199</p>
3. ADDRESS AND TELEPHONE NO. <p align="center">410 17th St. Suite 700 Denver, CO 80202</p>		10. FIELD AND POOL OR WILDCAT <p align="center">Monument Butte</p>
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. *) At Surface <p align="center">723' FSL & 1983' FEL (SW/SE) SECTION 36 - 8S - 17E</p> At top prod. Interval reported below		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <p align="center">Section 36- T8S - R 17E</p>
14. PERMIT NO. <p align="center">43-047-33199</p>	DATE ISSUED <p align="center">02/16/00</p>	12. COUNTY OR PARISH <p align="center">UINTAH</p>
15. DATE SPUDDED <p align="center">07/22/00</p>	16. DATE T.D. REACHED <p align="center">07/28/00</p>	17. DATE COMPL. (Ready to prod.) <p align="center">08/29/00</p>
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <p align="center">5014' GR</p>	19. ELEV. CASINGHEAD <p align="center">5024' KB</p>	13. STATE <p align="center">UT</p>
20. TOTAL DEPTH, MD & TVD <p align="center">5857'</p>	21. PLUG BACK T.D., MD & TVD <p align="center">5844'</p>	22. IF MULTIPLE COMPL., HOW MANY* <p align="center">-----></p>
23. INTERVALS DRILLED BY		ROTARY TOOLS <p align="center">X</p>
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <p align="center">Green River 4994' - 5741'</p>		25. WAS DIRECTIONAL SURVEY MADE <p align="center">No</p>
26. TYPE ELECTRIC AND OTHER LOGS RUN <p align="center">CBL/CL/GR-8-30-00 8-9-00 DIGL/SP/CDL</p>		27. WAS WELL CORED <p align="center">No</p>

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	306'	12-1/4	141 sx Class G w/ 2% CaCL2	
4-1/2	11.6#	5845'	7-7/8	425 sx Premlite & 500 sx 50/50 poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @	TA @
						5783.32'	5616.30'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	JSPF	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(CP Sds) 5657' - 5741'	4	104	5657' - 5741'	Frac w/ 78,373# 20/40 sd in 497 bbls fluid	
(Lo LDC sds) 5457' - 5473'	4	64	6457' - 5473'	Frac w/ 50,000# 20/40 sd in 374 bbls fluid	
sds) 5307' - 5356' (Up LDC) 5385" - 53	2 / 1	74 / 6	5307' - 5391'	Frac w/ 134,320# 20/40 sd in 787 bbls fluid	
(B/C sds) 4994' - 5015'	4	44	4994' - 5015'	Frac w/ 81,820# 20/40 sd in 546 bbls fluid	

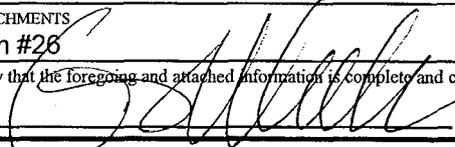
33.* PRODUCTION

DATE FIRST PRODUCTION <p align="center">08/29/00</p>	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <p align="center">2-1/2" x 1-1/2" x 16' RHAC Pump</p>	WELL STATUS (Producing or shut-in) <p align="center">PRODUCING</p>					
DATE OF TEST <p align="center">10 day average</p>	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
			→	116.1	31.2	5	269
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <p align="center">Sold & Used for Fuel</p>	TEST WITNESSED BY
---	-------------------

35. LIST OF ATTACHMENTS
Logs In Item #26

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

SIGNED  TITLE **Senior Operations Engineer** DATE **10/12/00**

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			ODEKIRK SPRING 15-36-8-17	Garden Gulch Mkr	3860'	
				Garden Gulch 2	4160'	
				Point 3 Mkr	4420'	
				X Mkr	4648'	
				Y-Mkr	4683'	
				Douglas Creek Mkr	4814'	
				BiCarbonate Mkr	5046'	
				B Limestone Mkr	5138'	
				Castle Peak	5638'	
				Basal Carbonate		
				Total Depth (LOGGER)	5857'	



December 5, 2000

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

Re: Permit Application for Water Injection Well
Odekirk Spring State #15-36-8-17
Monument Butte Field, Odekirk Spring Unit, Lease #ML-44305
Section 36-Township 8S-Range 17E
Uintah County, Utah
238-3.6

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Odekirk Spring State #15-36-8-17 from a producing oil well to a water injection well in the Odekirk Spring Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Joyce McGough or George Rooney at (303) 893-0102.

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosure

RECEIVED
JAN 10 2001
DIVISION OF
OIL, GAS AND MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SW SE 723' fsl & 1983' fel Sec. 36, T8S, R17E

5. Lease Designation and Serial No.
ML-44305

6. If Indian, Allottee or Tribe Name
NA

7. If unit or CA, Agreement Designation
Odekirk Spring

8. Well Name and No.
Odekirk Spring State 15-36

9. API Well No.
43-047-33199

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Uintah County, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please see attached injection application.

RECEIVED
 DIVISION OF OIL, GAS, AND MINING
 UTAH DEPARTMENT OF NATURAL RESOURCES
 12-05-00

14. I hereby certify that the foregoing is true and correct

Signed Joyce I. McGough Title Regulatory Specialist Date 12-05-00
Joyce I. McGough

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



December 5, 2000

Mr. Edwin I. Forsman
Bureau of Land Management
Vernal District Office, Division of Minerals
170 South 500 East
Vernal, Utah 84078

RE: Odekirk Spring State #15-36-8-17
Section 36-Township 8S-Range 17E
Uintah County, Utah

Dear Mr. Forsman:

Inland Production Company, as operator of the above referenced well, has requested to convert the above well from a producer to an injector. Enclosed for your review is a copy of the application filed with the State of Utah. Also enclosed is a copy of the sundry notice of intent.

Should you have any questions, please contact me or George Rooney at 303/893-0102.

Sincerely,

A handwritten signature in cursive script that reads "Joyce McGough".

Joyce McGough
Regulatory Specialist

Enclosures

RECEIVED
DEC 13 2000
BUREAU OF LAND MANAGEMENT
CL, CLP AND LINDA



December 5, 2000

Mr. Emmett Schmitz
U.S. Environmental Protection Agency
Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2405

RE: Permit Application for Water Injection Well
Odekirk Spring State #15-36-8-17
Monument Butte Field, Odekirk Spring Unit, Lease #ML-44305
Section 36-Township 8S-Range 17E
Uintah County, Utah

Dear Mr. Schmitz:

Inland Production Company herein requests a permit to convert the Odekirk Spring State #15-36-8-17 from a producing oil well to a water injection well.

Included with this application is a cement bond log for your convenience. As they are difficult to copy, however, I would very much appreciate its return.

I hope you find this application complete; however, if you have any questions or require additional information, please contact George Rooney at (303) 893-0102.

Sincerely,


Bill Pennington
Chief Executive Officer

RECEIVED
DEC 15 2000
BUREAU OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
ODEKIRK SPRING STATE #15-36-8-17
MONUMENT BUTTE (GREEN RIVER) FIELD
LEASE #ML-44305
ODEKIRK SPRING UNIT
DECEMBER 5, 2000

RECEIVED
DECEMBER 5 2000
OFFICE OF
OIL AND GAS ADMINISTRATION

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COVER PAGE	
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ATTACHMENT A-3	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
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ATTACHMENT A-5	NAME(S) AND ADDRESS(ES) OF SURFACE OWNERS
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ATTACHMENT E-1	WATER ANALYSIS OF THE PRIMARY FLUID TO BE INJECTED
ATTACHMENT E-2	WATER ANALYSIS OF THE SECONDARY FLUID TO BE INJECTED
ATTACHMENT E-3	ANALYSIS OF FORMATION WATER FROM THE ODEKIRK SPRING STATE #15-36-8-17
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ATTACHMENT G-4	DRILLING AND COMPLETION REPORTS DATED 7-22-00 TO 7-29-00; AND 8-21-00 TO 8-29-00
ATTACHMENT H	OPERATING DATA
ATTACHMENT M	CONSTRUCTION DETAILS
ATTACHMENT M-1	WELLBORE SCHEMATIC OF ODEKIRK SPRING STATE #15-36-8-17
ATTACHMENT M-2	SITE PLAN OF ODEKIRK SPRING STATE #15-36-8-17
ATTACHMENT Q	PROPOSED PLUGGING AND ABANDONMENT PROCEDURE
ATTACHMENT Q-1	EPA FORM 7520-14 – PLUGGING AND ABANDONMENT PLAN
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ATTACHMENT Q-3	WORK PROCEDURE FOR PLUGGING AND ABANDONMENT
ATTACHMENT R	NECESSARY RESOURCES

CL 10/10/00

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

UNDERGROUND INJECTION CONTROL

PERMIT APPLICATION

(Collected under the authority of the Safe Drinking Water Act. Sections 1421, 1422, 40 CFR 144)

Form

4

UIC



I. EPA ID NUMBER		T/A	C
U			

READ ATTACHED INSTRUCTIONS BEFORE STARTING FOR OFFICIAL USE ONLY

Application Approved mo day year	Date Received mo day year	Permit/Well Number	Comments

II. FACILITY NAME AND ADDRESS			III. OWNER/OPERATOR AND ADDRESS		
Facility Name Odekirk Spring State #15-36-8-17			Owner/Operator Name Inland Production Company		
Street Address Section 36 - Township 8S - Range 17E			Street Address 410 17th Street, Suite 700		
City Uintah County	State Utah	Zip Code	City Denver	State CO	Zip Code 80202

IV. OWNERSHIP STATUS (Mark 'x')	V. SIC CODES
A. Federal <input type="checkbox"/> B. State <input checked="" type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain) <input type="checkbox"/>	

VI. WELL STATUS (Mark 'x')		
<input checked="" type="checkbox"/> A. Operating	Date Started mo day year 8 29 2000	<input checked="" type="checkbox"/> B. Modification/Conversion C. Proposed

VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)			
<input checked="" type="checkbox"/> A. Individual <input type="checkbox"/> B. Area Minor Modification	Number of Existing wells 1	Number of Proposed wells 1	Name(s) of field(s) or project(s) Odekirk Spring Unit

VIII. CLASS AND TYPE WELL (see reverse)			
A. Class(es) (enter codes(s)) II	B. Type(s) (enter codes(s)) R	C. If class is "other" or type is code 'x', explain NA	D. Number of wells per type (if area permit) 1

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT										X. INDIAN LANDS (Mark 'x')				
A. Latitude			B. Longitude			Township and Range								
Deg	Min	Sec	Deg	Min	Sec	Twsp	Range	Sec	¼ Sec	Feet from	Line	Feet from	Line	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
						8S	17E	36	SWSE	723	S	1983	E	

XI. ATTACHMENTS	
(Complete the following questions on a separate sheet(s) and number accordingly; see instructions) FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A -- U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application.	

XII. CERTIFICATION	
<i>I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)</i>	

A. Name and Title (Type or Print) Bill Pennington / Chief Executive Officer	B. Phone No. (Area Code and No.) 303-893-0102
C. Signature <i>Bill Pennington</i>	D. Date Signed Dec. 5, 2000

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down, move out.

10/10/10
10/10/10
10/10/10
10/10/10
10/10/10

Odekirk Spring #15-36-8-17

Spud Date: 07/22/00
 Put on Prod: 08/29/00
 GL: 5014' KB: 5024'

Initial Production: 116 BOPD,
 31 MCFPD, 5 BWPD.

Proposed Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.45')
 DEPTH LANDED: 305.45' (GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 SXS Class "G" with 2% CaCl₂

PRODUCTION CASING

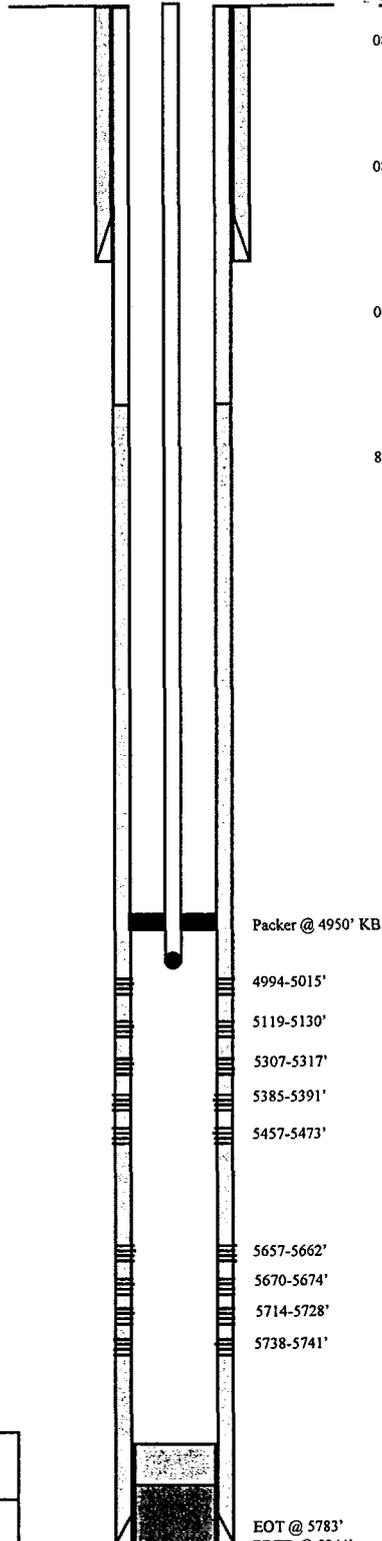
CSG SIZE: 4-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5856.88')
 DEPTH LANDED: 5845'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 425 sxs PremLite 2 and 500 sx 50/50 Pozmix

TUBING

SIZE/GRADE/AWT.: 2-3/8", J-55, 4.7#
 NO. OF JOINTS: 178 jts.
 PACKER: 4950' KB
 TOTAL STRING LENGTH: 5773'

FRAC JOB

08/22/00	5657-5741'	Frac CP sands w/78,373# of 20/40 sand in 497 bbls Viking I-25 fluid. Perfs broke @ 4334 psi. Avg rate of 34 BPM at avg. press of 2200 psi. ISIP 1610 psi; 5 min 1560 psi. Left pressure on well.
08/22/00	5457-5473'	Frac Lo LDC sands w/50,000# 20/40 sand in 374 bbls Viking I-25 fluid. Perfs broke @ 4410 psi. Avg press of 2950 psi w/avg rate of 30.3 BPM. ISIP 1650 psi; 5 min 1540 psi. Flowback on 12/64" choke for 2-1/2 hrs & died.
08/24/00	5307-5391'	Frac A & upper LDC sands w/134,320# 20/40 sand in 787 bbls Viking I-25 fluid. Perfs broke @ 2438psi. Avg press of 2010 psi w/avg rate of 32 BPM. ISIP 1750 psi; 5 min 1690 psi. Left pressure on well.
8/24/00	4994-5130'	Frac B/C sands w/81,820# 20/40 sand in 546 bbls Viking I-25 fluid. Perfs broke @ 2518 psi. Avg press of 1700 psi w/avg rate of 30 BPM. ISIP 1575 psi; 5 min 1535 psi. Flowback on 12/64" choke for 3 hrs and died.



PERFORATION RECORD

8/22/00	5657-662'	4 SPF	20 shots
8/22/00	5670-674'	4 SPF	16 shots
8/22/00	5714-728'	4 SPF	56 shots
8/22/00	5738-741'	4 SPF	12 shots
8/22/00	5457-473'	4 SPF	56 shots
8/23/00	5385-391'	1 SPF	6 shots
8/23/00	5307-317'	2 SPF	20 shots
8/24/00	4994-5015'	4 SPF	84 shots
8/24/00	5119-130'	4 SPF	44 shots

EOT @ 5783'
 PBTD @ 5844'
 TD @ 5857'



Inland Resources Inc.

Odekirk Spring #15-36-8-17

722.5' FSL and 1983' FEL

SWSE Section 36-T8S-R17E

Uintah Co, Utah

API #43-047-33199; Lease #ML-44305

Odekirk Spring #15-36-8-17

Spud Date: 07/22/00
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CSG SIZE: 8-5/8"
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 CEMENT DATA: 141 SXS Class "G" with 2% CaCl2

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 DEPTH LANDED: 5845'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 425 sxs PremLite 2 and 500 sx 50/50 Pozmix

610

TUBING

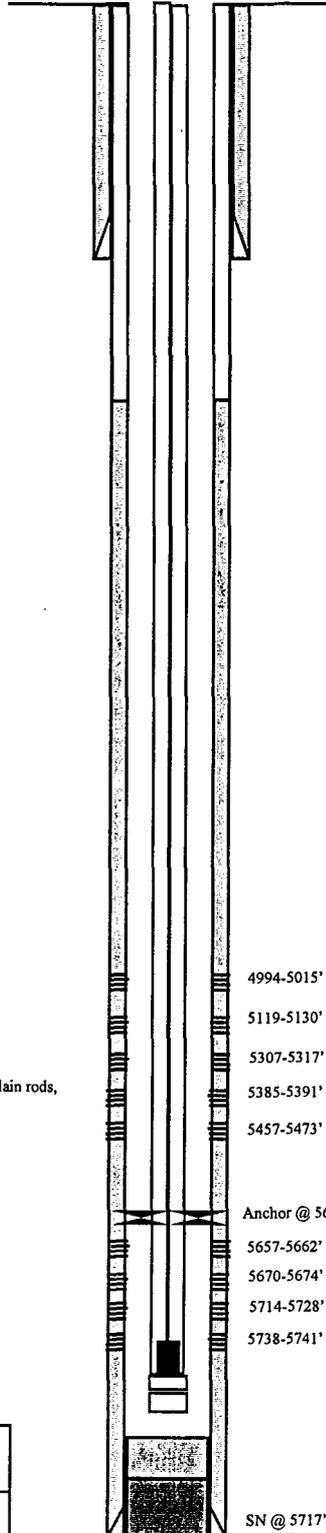
SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
 NO. OF JOINTS: 178 jts.
 TUBING ANCHOR: 5616' KB
 SEATING NIPPLE: 2-3/8" (1.10')
 TOTAL STRING LENGTH: 5773.32'
 SN LANDED AT: 5717' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' polished rod.
 SUCKER RODS: 4 1-1/2" weight rods, 10 3/4" scraped, 124 3/4" plain rods,
 90 3/4" scraped rods.
 PUMP SIZE: 2" x 1-1/2" x 16' RWAC pump
 STROKE LENGTH: 56"
 PUMP SPEED, SPM: 7 SPM
 LOGS: DIGL/SP/GR/CAL 5857' to surface casing
 CNL/CDL/GR 5857' to 3000'

FRAC JOB

08/22/00 5657-5741' Frac CP sands w/78,373# of 20/40 sand in 497 bbls Viking I-25 fluid. Perfs broke @ 4334 psi. Avg rate of 34 BPM at avg. press of 2200 psi. ISIP 1610 psi; 5 min 1560 psi. Left pressure on well.
 08/22/00 5457-5473' Frac Lo LDC sands w/50,000# 20/40 sand in 374 bbls Viking I-25 fluid. Perfs broke @ 4410 psi. Avg press of 2950 psi w/avg rate of 30.3 BPM. ISIP 1650 psi; 5 min 1540 psi. Flowback on 12/64" choke for 2-1/2 hrs & died.
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PERFORATION RECORD

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8/24/00	4994-5015'	4 SPF	84 shots
8/24/00	5119-130'	4 SPF	44 shots

Inland Resources Inc.
 Odekirk Spring #15-36-8-17
 722.5' FSL and 1983' FEL
 SWSE Section 36-T8S-R17E
 Uintah Co, Utah
 API #43-047-33199; Lease #ML-44305

ATTACHMENT A

AREA OF REVIEW METHODS

Give the methods and, if appropriate, the calculations used to determine the size of the area of review (fixed radius or equation). The area of review shall be a fixed radius of 1/4 mile from the well bore unless the use of an equation is approved in advance by the Director.

The area of review shall be a fixed radius of ½ mile from the Odekirk Spring State #15-36-8-17. Inland Production Company has chosen to use a fixed radius of ½ mile to satisfy the requirements of both the EPA and the State of Utah.

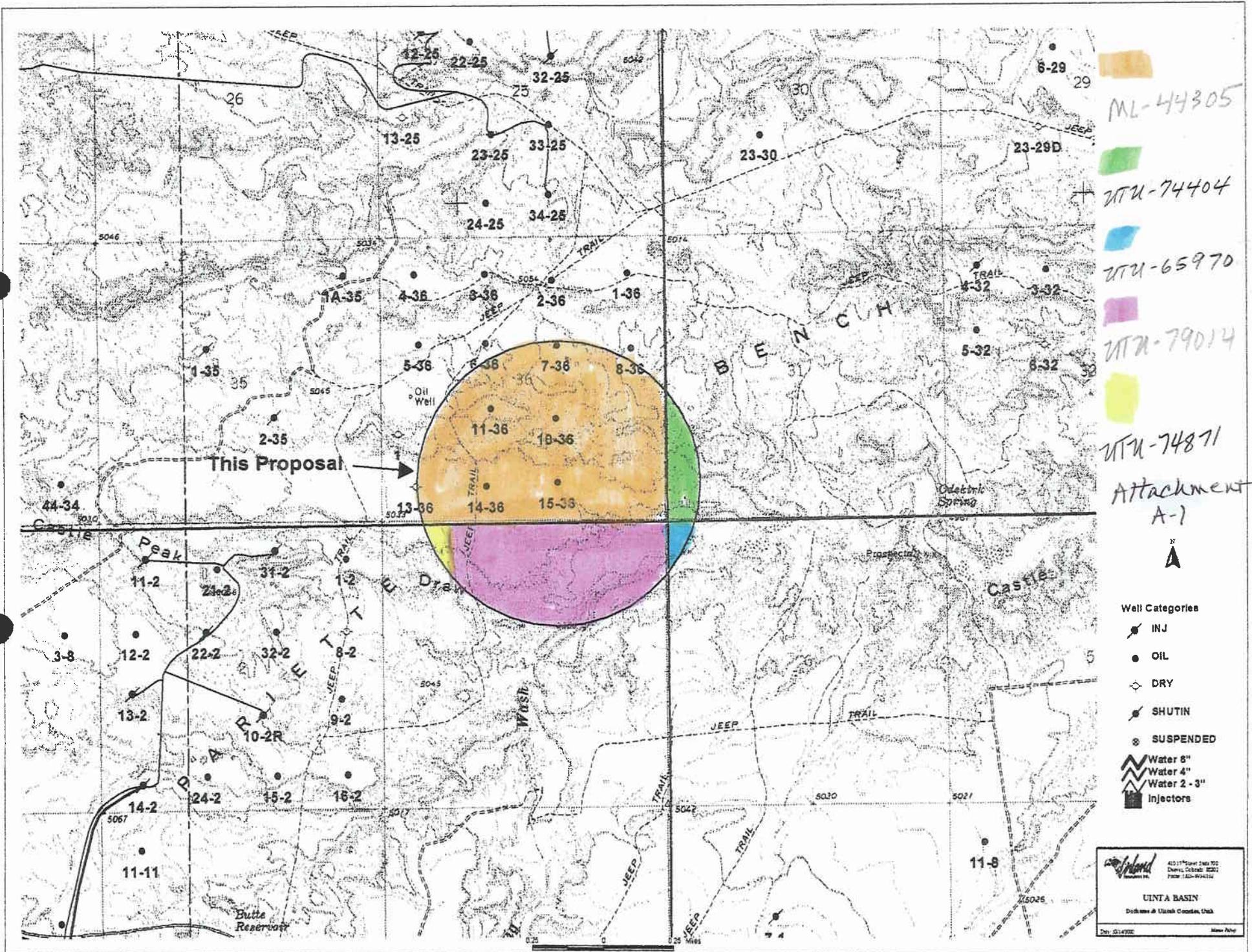
Attachment A-1 One-half Mile Radius Map

Attachment A-2 Listing of Surface Owners

Attachment A-3 Certification for Surface Owner Notification

Attachment A-4 Well Location Plat

Attachment A-5 Name(s) and Address(s) of Surface Owners



ML-44305

WTU-74404

WTU-65970

WTU-79014

WTU-74871

Attachment A-1



Well Categories

- INJ
- OIL
- DRY
- SHUTIN
- SUSPENDED
- Water 6"
- Water 4"
- Water 2-3"
- Injectors

UTAH

42117 East 1st St
 Denver, Colorado 80231
 Phone: 303-733-1311

UINTA BASIN
 Division of Utah County, Utah

DATE: 01/15/02

This Proposal →

Attachment A-2
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 8 South, Range 18 East</u> Section 31: Lots 3, 4, E/2SW/4, N/2SE/4, SW/4SE/4	UTU-74404 HBP	Inland Production Company Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries, Inc.	(Surface Rights) USA
2	<u>Township 8 South, Range 17 East</u> Section 36: All	ML-44305 HBP	Inland Production Company Yates Petroleum Corporation Abo Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) STATE
3	<u>Township 9 South, Range 17 East</u> Section 1: Lots 1-3, S/2NE/4, SE/4NW/4 N/2S/2 Section 4: SE/4SE/4 Section 25: NE/4SW/4	UTU-79014 HBP	Inland Production Company Yates Petroleum Corporation Abo Petroleum Corporation Yates Drilling Company Myco Industries, Inc.	(Surface Rights) USA

Attachment A-2
Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4	<u>Township 9 South, Range 17 East</u> Section 1: Lot 4, SW/4NW/4 Section 3: Lot 1	UTU-74871 HBP	Wildrose Resources Corp.	(Surface Rights) USA
5	<u>Township 9 South, Range 17 East</u> Section 5: Lots 1-4, S/2N/2, N/2S/2 Section 6: Lots 1-6, S/2NE/4, SE/4NW/4, NE/4SW/4, N/2SE/4 Section 13: NE/4NE/4 Section 17: NE/4SW/4	UTU-65970 HBP	Inland Production Company Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries, Inc.	(Surface Rights) USA

ATTACHMENT A-3

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

Re: Application for Approval of Class II Injection Well
Odekirk Spring State #15-36-8-17

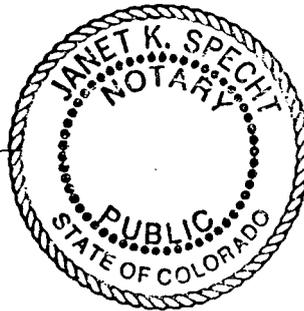
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Bill Pennington
Inland Production Company
Bill Pennington
Chief Executive Officer

Sworn to and subscribed before me this 17th day of December, 2000.

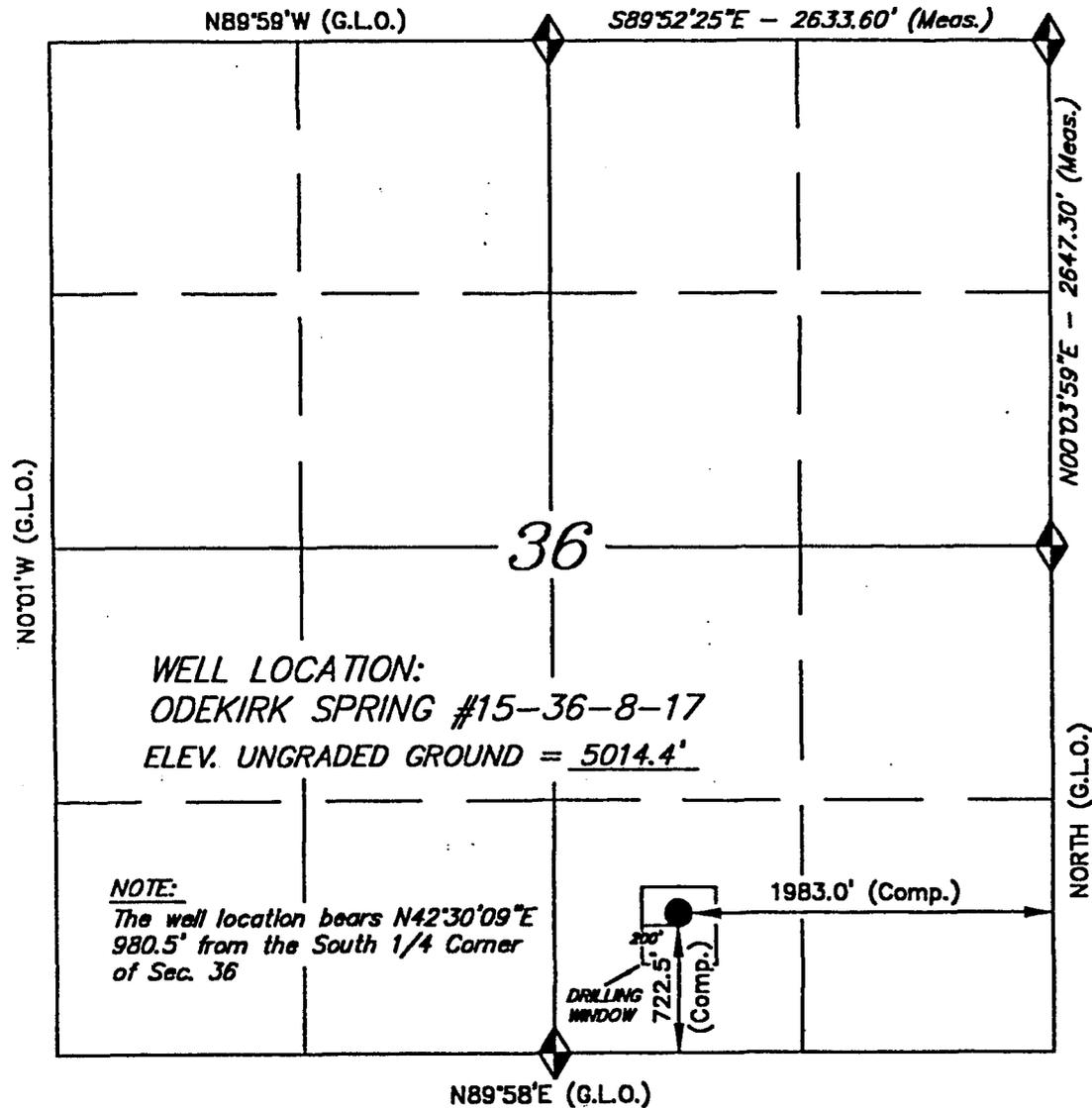
Notary Public in and for the State of Colorado: Janet K. Specht

My commission expires: 7/16/01



T8S, R17E, S.L.B.&M.

INLAND PRODUCTION COMPANY

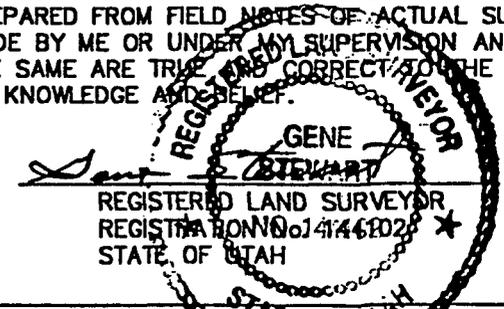


WELL LOCATION, ODEKIRK SPRING
#15-36-8-17, LOCATED AS SHOWN IN THE
SW 1/4 SE 1/4 OF SECTION 36, T8S, R17E,
S.L.B.&M. UINTAH COUNTY, UTAH.



Attachment A-4

THIS IS TO CERTIFY THAT THE ABOVE 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.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

BASIS OF BEARINGS IS A GLOBAL POSITIONING SATELITE OBSERVATION

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

SCALE: 1" = 1000'	SURVEYED BY: D.S.
DATE: 9-19-98	WEATHER: WARM
REVISIONS:	FILE #

ATTACHMENT A-5

Names and Addresses of Surface Owners

1. USA

10/10/2010
10/10/2010
10/10/2010
10/10/2010

ATTACHMENT B

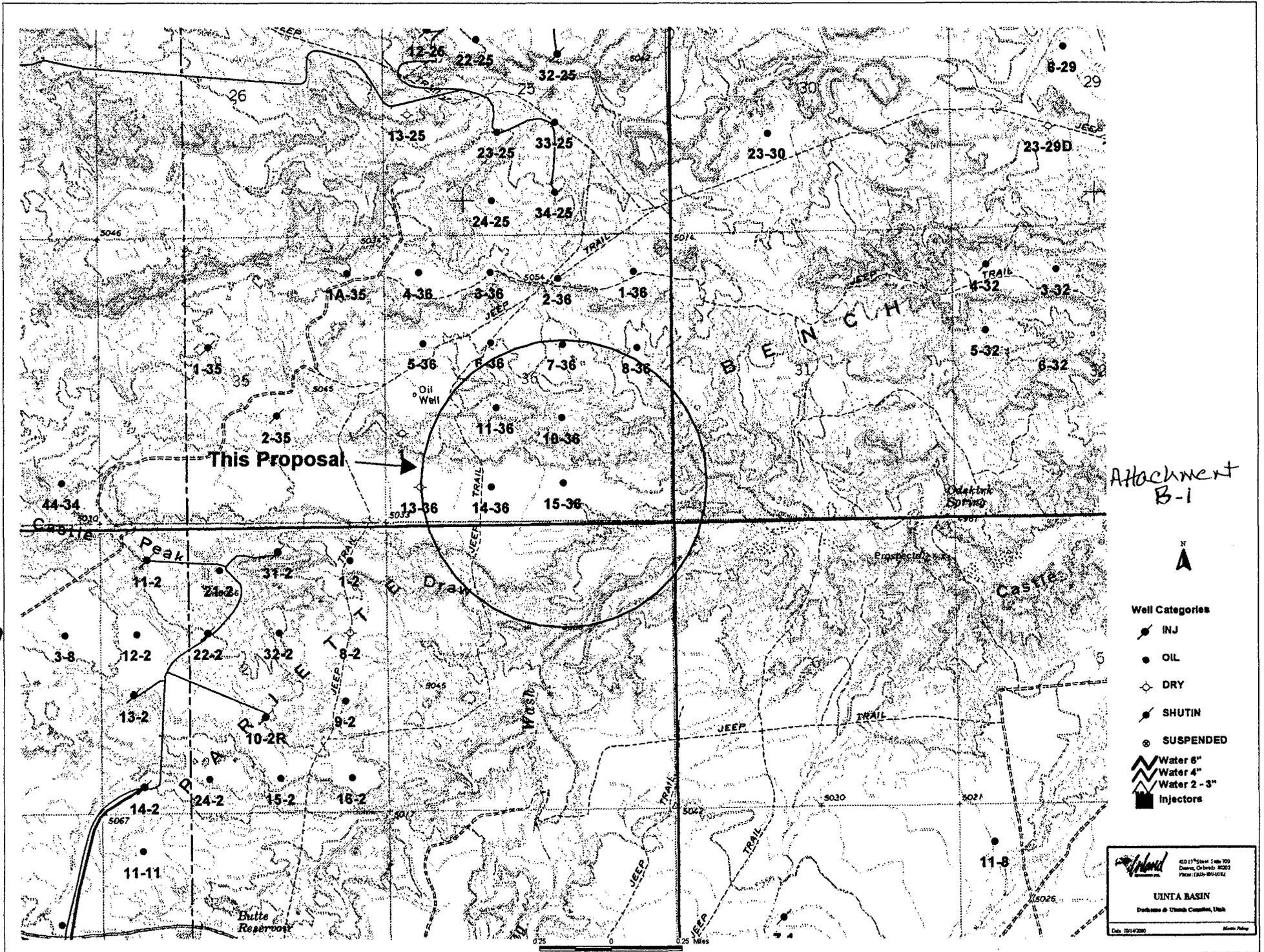
MAPS OF WELLS/AREA AND AREA OF REVIEW

Submit a topographic map, extending one mile beyond the property boundaries, showing the injection well(s) or project area for which a permit is sought and the applicable area of review.

There are no hazardous waste, treatment, storage or disposal facilities within a one-mile radius of the property boundaries.

Attachment B-1 Area of Review and Existing/Proposed Waterlines

[Faint, illegible text or stamp in the bottom right corner]



This Proposal →

Attachment B-1

- Well Categories**
- INJ
 - OIL
 - DRY
 - SHUTIN
 - SUSPENDED
 - Water 6"
 - Water 4"
 - Water 2-3"
 - Injectors

Urbancraft
 410 13th Street, Suite 700
 Denver, Colorado 80202
 Phone: (303) 801-1114

UINTA BASIN
 Drafting of Uinta Counties, Utah

Date: 10/17/2007

ATTACHMENT C

CORRECTIVE ACTION PLAN AND WELL DATA

Submit a tabulation of data reasonably available from public records or otherwise known to the applicant on all wells within the area of review, including those on the map required in Attachment B, which penetrate the proposed injection zone.

Step rate tests will be performed periodically to determine the fracture pressure. The injection pressure will be kept under the fracture pressure.

- | | |
|----------------|---|
| Attachment C-1 | Wellbore Diagram – Odekirk Spring State #7-36-8-17 |
| Attachment C-2 | Wellbore Diagram – Odekirk Spring State #10-36-8-17 |
| Attachment C-3 | Wellbore Diagram – Odekirk Spring State #11-36-8-17 |
| Attachment C-4 | Wellbore Diagram – Odekirk Spring State #14-36-8-17 |

Odekirk Spring #7-36-8-17

Spud Date: 6-15-98
 Put on Production: 7-23-98
 GL: 4999.8' KB: 10'

Initial Production: 97 BOPD,
 46 MCFPD, 8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (314')
 DEPTH LANDED: 324'(GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Class G cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6109')
 DEPTH LANDED: 6118'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 235 sx Premium & 335 sx Class G
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/M-50 tbg.
 NO. OF JOINTS: 191 jts.
 TUBING ANCHOR: 5886'
 SEATING NIPPLE: 2-7/8" (1.10")
 TOTAL STRING LENGTH: EOT @ 6027'
 SN LANDED AT: 5931'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 4-11/2" wt rods, 4-3/4" scraped, 133-3/4" plain rods, 95-3/4" scraped, 1-4', 1-2'x3/4" pony
 PUMP SIZE: 2-1/2 x 1-1/2 x 15 RHAC pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 6 SPM
 LOGS: DIGL/SP/GR/CAL 6124'-322'
 CN/CD/GR 6104'-3000'

FRAC JOB

7-9-98 5980'-6089' **Frac Lo CP sands as follows:**
 134,012# 20/40 sand in 659 bbls Viking frac fluid. Perfs brokedown @ 2745 psi. Treated @ avg press of 1880 psi w/avg rate of 33.6 bpm. ISIP: 2160 psi, 5-min 2046 psi. Flowback on 12/64" choke for 4 hours and died.

7-11-98 5466'-5656' **Frac LDC sand as follows:**
 162,370# of 20/40 sand in 755 bbls Viking Frac fluid. Perfs brokedown @ 2870 psi. Treated @ avg press of 1600 psi w/avg rate of 40.8 bpm. ISIP-1660 psi, 5-min 1541 psi. Flowback on 12/64: choke for 6 hours and died.

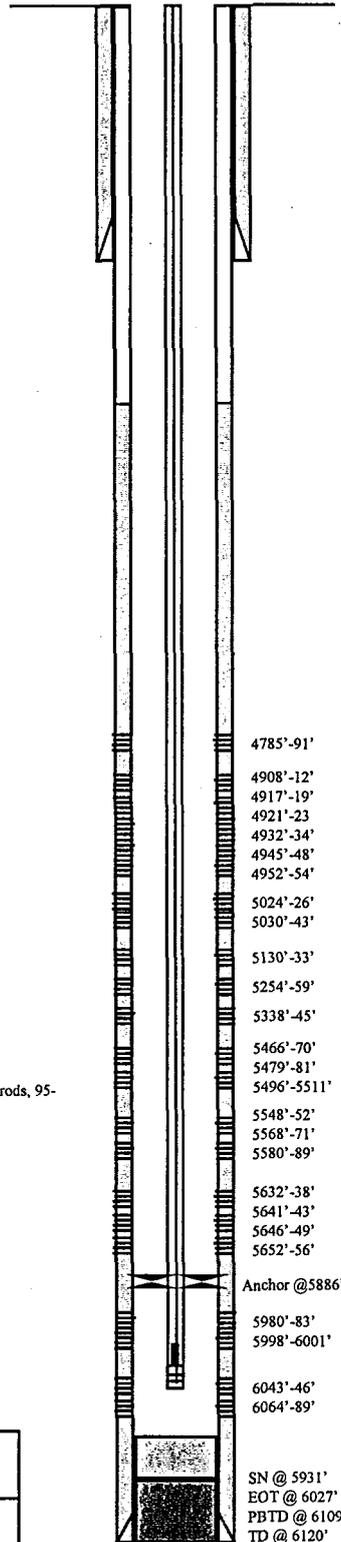
7-14-98 5254'-5345' **Frac A sand as follows:**
 117,436# 20/40 sand in 577 bbls Viking. Perfs broke @ 2308 psi. Treated w/avg press of 1700 psi w/avg rate of 30.1 BPM. ISIP-2300 psi, 5 min 2025 psi. Flowback on 12/64" ck for 4 hrs & died.

7-16-98 5024'-5133' **Frac C/B sand as follows:**
 97,340# 20/40 sand in 502 bbls Viking. Perfs broke @ 3688 psi. Treated w/avg press of 1600 psi w/avg rate of 28 BPM. ISIP-2150 psi, 5 min 2029 psi. Flowback on 12/64" ck for 3 hrs & died.

7-18-98 4785'-4954' **Frac D/YDC sands as follows:**
 121,613# 20/40 sand in 628 bbls Viking. Perfs broke @ 2532 psi. Treated w/avg press of 1700 psi w/avg rate of 36 BPM. ISIP-1950 psi, 5 min 1838. Flowback on 12/64" ck for 4 hrs & died.

PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
7-9-98	5980'-5983'	4 JSPP	12 holes
7-9-98	5998'-6001'	4 JSPP	12 holes
7-9-98	6043'-6046'	4 JSPP	12 holes
7-9-98	6064'-6089'	4 JSPP	100 holes
7-10-98	5466'-5470'	2 JSPP	8 holes
7-10-98	5479'-5481'	2 JSPP	4 holes
7-10-98	5496'-5511'	2 JSPP	30 holes
7-10-98	5548'-5552'	2 JSPP	8 holes
7-10-98	5568'-5571'	2 JSPP	6 holes
7-10-98	5580'-5589'	2 JSPP	38 holes
7-10-98	5632'-5638'	2 JSPP	12 holes
7-10-98	5641'-5643'	2 JSPP	4 holes
7-10-98	5646'-5649'	2 JSPP	6 holes
7-10-98	5652'-5656'	2 JSPP	8 holes
7-12-98	5254'-5259'	4 JSPP	20 holes
7-12-98	5338'-5345'	4 JSPP	28 holes
7-15-98	5024'-5026'	4 JSPP	8 holes
7-15-98	5030'-5043'	4 JSPP	52 holes
7-15-98	5130'-5133'	4 JSPP	12 holes
7-17-98	4785'-4791'	4 JSPP	24 holes
7-17-98	4908'-4912'	4 JSPP	16 holes
7-17-98	4917'-4919'	4 JSPP	8 holes
7-17-98	4921'-4923'	4 JSPP	8 holes
7-17-98	4932'-4934'	4 JSPP	8 holes
7-17-98	4945'-4948'	4 JSPP	12 holes
7-17-98	4952'-4954'	4 JSPP	8 holes



4785'-91'
 4908'-12'
 4917'-19'
 4921'-23
 4932'-34'
 4945'-48'
 4952'-54'
 5024'-26'
 5030'-43'
 5130'-33'
 5254'-59'
 5338'-45'
 5466'-70'
 5479'-81'
 5496'-5511'
 5548'-52'
 5568'-71'
 5580'-89'
 5632'-38'
 5641'-43'
 5646'-49'
 5652'-56'
 Anchor @ 5886'
 5980'-83'
 5998'-6001'
 6043'-46'
 6064'-89'
 SN @ 5931'
 EOT @ 6027'
 PBTD @ 6109'
 TD @ 6120'



Inland Resources Inc.

Odekirk Spring #7-36-8-17

1980 FNL 1980 FEL

SWNE Section 36-T8S-R17E

Uintah Co, Utah

API #43-047-33078; Lease #ML-44305

Odekirk Spring #10-36-8-17

Spud Date: 7/5/00
Put on Production: 8/09/00
GL: 4966' KB: 4976'

Initial Production: 71 BOPD,
106 MCFPD, 13 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (314.18')
DEPTH LANDED: 304.18' (GL)
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class G cmt,

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts. (6021.57')
DEPTH LANDED: 6017.57'
HOLE SIZE: 7-7/8"
CEMENT DATA: 265 sx Premium lite II & 480 sx 50/50 Poz
CEMENT TOP AT: 605' per Cement Bond Log

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/1-55 tbg.
NO. OF JOINTS: 175 jts.
TUBING ANCHOR: 5364.71' KB
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5495.02' KB
SN LANDED AT: 5430.64' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
SUCKER RODS: 4-11/2" wt rods, 10-3/4" guided, 112-3/4" slick rods, 91-3/4" guided, 1-6', 1-8' x 3/4" pony
PUMP SIZE: 2-1/2 x 1-1/2 x 12 x 15 RHAC pump
STROKE LENGTH: 74"
PUMP SPEED, SPM: 6 SPM
LOGS: DIGL/SP/GR/CAL
CN/CD/GR

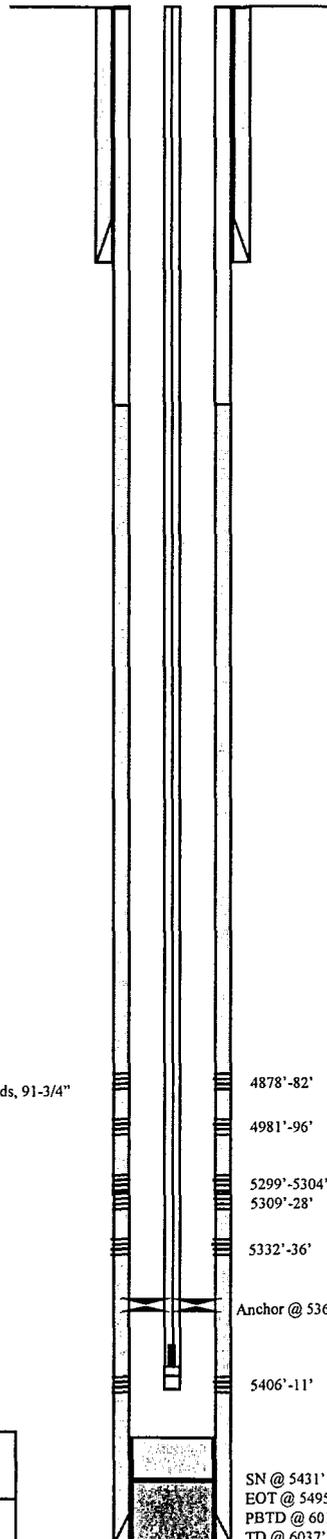
FRAC JOB

8/2/00 5299'-5411'

Frac A/LDC sands as follows:
112,219# 20/40 sd in 610 bbls Viking I-25 fluid. Hole filled w/ 82 bbls. Perfs broke back @ 2713 psi @ 13 BPM. Treated @ avg press of 1900 psi w/ avg rate of 32 BPM. ISIP - 1820 psi, 5 min: 1690. RD BJ. Flwbk frac on 12/64" choke for 4-1/2 hours & died. Rec 179 BTF (est 29% of frac load). SIFN w/ est 477 BWTR

8/4/00 4878'-4996'

Frac D/C sand as follows:
74,380# 20/40 sand in 461 bbls Viking I-25 fluid. Perfs broke back @ 3700' @ 10 BPM. Treated @ avg press of 1800 psi w/ avg rate of 32 BPM. ISIP: 1935 psi, 5 min: 1820 psi. RD BJ. Flowback frac on 12/64" choke for 2-1/2 hours & died. Rec 71 BTF (est 15% of frac load). SIFN w/ est 751 BWTR

PERFORATION RECORD

Date	Depth Range	Perforations	Holes
8/2/00	5299'-5304'	4 JSPF	20 holes
8/2/00	5309'-5328'	4 JSPF	76 holes
8/2/00	5332'-5336'	4 JSPF	16 holes
8/2/00	5406'-5411'	4 JSPF	20 holes
8/2/00	5415'-5422'	4 JSPF	28 holes
8/3/00	4878'-4882'	4 JSPF	16 holes
8/3/00	4981'-4996'	4 JSPF	60 holes

SN @ 5431'
EOT @ 5495'
PBTD @ 6011'
TD @ 6037'



Inland Resources Inc.

Odekirk Spring #10-36-8-17

1919 FSL 2007 FEL

NWSE Section 36-T8S-R17E

Uintah Co, Utah

API #43-047-33198; Lease #ML-44305

Odekirk Spring #11-36-8-17

Spud Date: 6-23-98
 Put on Production: 7-18-98
 GL: 5015' KB: 5025'

Initial Production: 53 BOPD,
 26 MCFPD, 3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (292.91')
 DEPTH LANDED: 302.66' (GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Class G cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6136')
 DEPTH LANDED: 6145'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sx Premium Lite Modified & 350 sx Class G
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" 6.5#/M-50 tbg.
 NO. OF JOINTS: 183 jts.
 TUBING ANCHOR: 5662'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT 5881'
 SN LANDED AT: 5816'

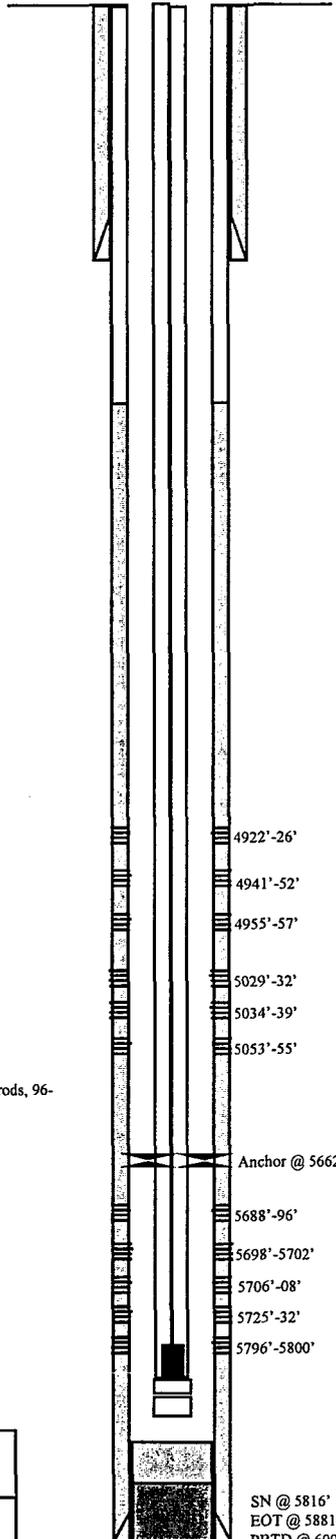
SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 4-11/2" wt rods, 4-3/4" scraped, 128-3/4" plain rods, 96-3/4" scraped, 1-3/4" plain, 1-2' x 3/4" pony
 PUMP SIZE: 2-1/2 x 1-1/2 x 15-1/2' RHAC pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 7 SPM
 LOGS: DIGL/SP/GR/CAL 6148'-304'
 CN/CD/GR 6128'-3000'

FRAC JOB

7-14-98 5688'-5800' **Frac CP sands as follows:**
 134,220# 20/40 sand in 655 bbls Viking frac fluid. Perfs brokedown @ 2017 psi. Treated @ avg press of 1000 psi w/avg rate of 34.6 bpm. ISIP: 1600 psi, 5-min 1514 psi. Flowback on 12/64" choke for 4 hours and died.

7-16-98 4922'-5055' **Frac D/C sand as follows:**
 137,300# of 20/40 sand in 629 bbls Viking Frac fluid. Perfs brokedown @ 3507 psi. Treated @ avg press of 1400 psi w/avg rate of 30 bpm. ISIP-1800 psi, 5-min 1734 psi. Flowback on 12/64" choke for 4 hours and died.



PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
7-11-98	5688'-5696'	4 JSPF	32 holes
7-11-98	5698'-5702'	4 JSPF	12 holes
7-11-98	5706'-5708'	4 JSPF	8 holes
7-11-98	5725'-5732'	4 JSPF	28 holes
7-11-98	5796'-5800'	4 JSPF	16 holes
7-15-98	4922'-4926'	4 JSPF	16 holes
7-15-98	4941'-4952'	4 JSPF	36 holes
7-15-98	4955'-4957'	4 JSPF	8 holes
7-15-98	5029'-5032'	4 JSPF	12 holes
7-15-98	5034'-5039'	4 JSPF	20 holes
7-15-98	5053'-5055'	4 JSPF	8 holes

SN @ 5816'
 EOT @ 5881'
 PBTD @ 6090'
 TD @ 6150'



Inland Resources Inc.

Odekirk Spring #11-36-8-17

2110 FSL 2067 FEL

NESW Section 36-T8S-R17E

Uintah Co, Utah

API #43-047-33077; Lease #ML-44305

Odekirk Spring #14-36-8-17

Spud Date: 7/11/98
 Put on Production: 8/7/98
 GL: 5025' KB: 5035'

Initial Production: 91 BOPD,
 76 MCFPD, 6 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (271')
 DEPTH LANDED: 281'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 6 bbls to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (5974')
 DEPTH LANDED: 5984'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sk Premium mixed & 330 sxs Class "G"
 CEMENT TOP AT: 584' CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/M-50 tbg.
 NO. OF JOINTS: 185 jts.
 TUBING ANCHOR: 5620'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5807'
 SN LANDED AT: 5744'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 4 - 1-1/2" weight, 4-3/4" scraped, 126-3/4" plain rods, 95-3/4" scraped, 1 - 8", 1 - 6", 1 - 2"x3/4" pony rods
 PUMP SIZE: 2-1/2 x 1-1/2 x 15 RHAC pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 6.5 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

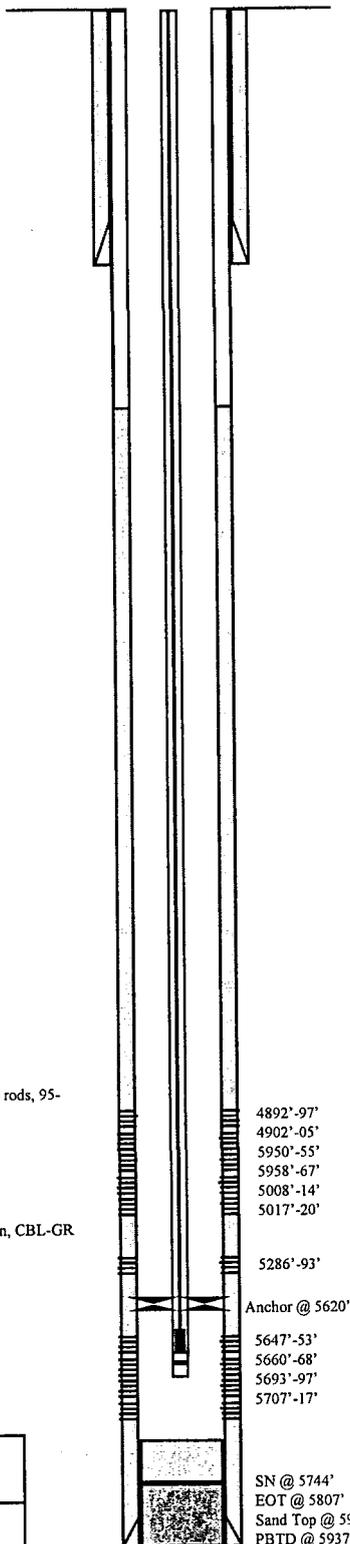
7/30/98 5647'-5717' Frac CP-0.5, CP-1 & CP-2 sands as follows:
 102,000# 20/40 sd in 535 bbls Viking I-25 fluid. Perfs broke dn @ 2845 psi. Treated @ ave press of 1100 psi w/ave rate of 30.1 BPM. ISIP: 1550 psi, 5 min: 1450 psi. Flowback on 12/64 choke for 2-1/2 hrs & died

8/1/98 5286'-5293' Frac A-1 sand as follows:
 95,030# 20/40 sd in 510 bbls Viking I-25 fluid. Treated @ ave press of 1550 psi w/ave rate of 26.3 BPM. ISIP: 2000 psi, 5 min: 1889 psi. Flowback on 12/64 choke for 4 hrs & died.

8/4/98 4892'-5020' Frac D-2, D-3 & C sands as follows:
 118,860# 20/40 sd in 580 bbls Viking I-25 fluid. Perfs broke dn @ 2575 psi. Treated @ ave press of 1270 psi w/ave rate of 34 BPM. ISIP: 1700 psi, 5 min: 1420 psi. Flowback on 12/64 choke for 5-1/2 hrs & died.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
7/29/98	5647'-5653'	4 JSPF	24 holes
7/29/98	5660'-5668'	4 JSPF	32 holes
7/29/98	5693'-5697'	4 JSPF	16 holes
7/29/98	5707'-5717'	4 JSPF	40 holes
7/31/98	5286'-5293'	4 JSPF	28 holes
8/3/98	4892'-4897'	4 JSPF	20 holes
8/3/98	4902'-4905'	4 JSPF	12 holes
8/3/98	4950'-4955'	4 JSPF	20 holes
8/3/98	4958'-4967'	4 JSPF	36 holes
8/3/98	5008'-5014'	4 JSPF	24 holes
8/3/98	5017'-5020'	4 JSPF	12 holes





Inland Resources Inc.
Odekirk Spring #14-36-8-17
 660' FSL 1980' FWL
 SESW Section 36-T8S-R17E
 Uintah Co, Utah
 API #43-047-33075; Lease #ML-44305

ATTACHMENT E

NAME AND DEPTH OF USDWs

For Class II wells, submit geologic name and depth to bottom of all underground sources of drinking water, which may be affected by the injection.

Due to the location and depth of the well, it will not affect any source of drinking water. See Attachments E-1 through E-4, showing pertinent water analyses.

Attachment E-1 Water analysis of the primary fluid to be injected (Unichem Water Analysis of the Johnson Water District, taken January 27, 2000)

Attachment E-2 Water Analysis of the secondary fluid to be injected (Unichem Water Analysis of produced water commingled with Johnson Water, taken August 25, 1999 at the Monument Butte Injection Facility)

Attachment E-3 Analysis of the formation water taken from the Odekrik Spring State #15-36-8-17

Attachment E-4 Analysis of the compatibility of the injected and formation water

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

Attachment E-1

WATER ANALYSIS REPORT

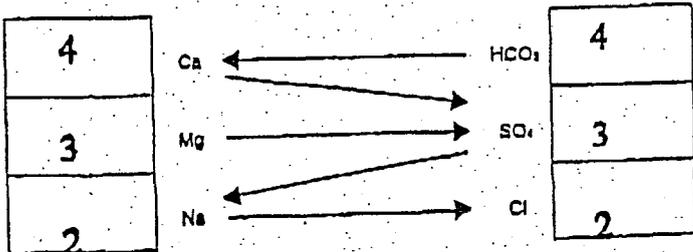
Company INLAND PRODUCTION Address _____ Date 1-27-00

Source JOHNSON Date Sampled 1-26-00 Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>7.4</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>600</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>240</u>	+ 61 <u>4</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>71</u>	+ 35.5 <u>2</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>130</u>	+ 48 <u>3</u> SO ₄
10. Calcium (Ca)	Ca	<u>72</u>	+ 20 <u>4</u> Ca
11. Magnesium (Mg)	Mg	<u>41</u>	+ 12.2 <u>3</u> Mg
12. Total Hardness (CaCO ₃)		<u>350</u>	
13. Total Iron (Fe)		<u>0.6</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	11.04		<u>4</u>		<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19		<u>3</u>		<u>181</u>
MgCl ₂	47.62				
NaHCO ₃	64.00				
Na ₂ SO ₄	71.03				
NaCl	58.48		<u>2</u>		<u>117</u>

REMARKS _____

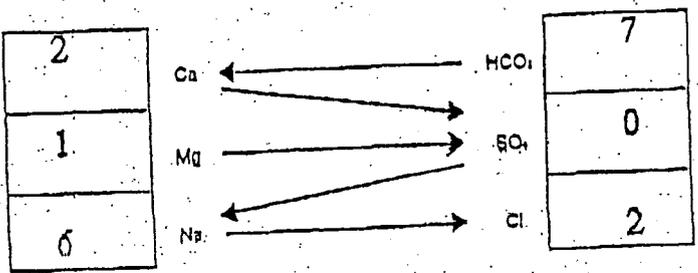
WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 8-25-99
 Source MBIF Date Sampled 8-25-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Mag/l
1. PH	<u>8.0</u>		
2. H ₂ S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>688</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>430</u>	+ 61 <u>7</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>71</u>	+ 35.5 <u>2</u> Cl
9. Sulfates (SO ₄)		<u>0</u>	+ 48 <u>0</u> SO ₄
10. Calcium (Ca)		<u>40</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)		<u>12</u>	+ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO ₃)		<u>150</u>	
13. Total Iron (Fe)		<u>13</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,000 Mg/l
MgCO ₃	103 Mg/l

Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	65.50	<u>1</u>			<u>73</u>
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62	<u>4</u>			<u>336</u>
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03	<u>2</u>			<u>117</u>
NaCl	58.48				

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Attachment E-3

Office (435) 722-5066
Fax (435) 722-5727

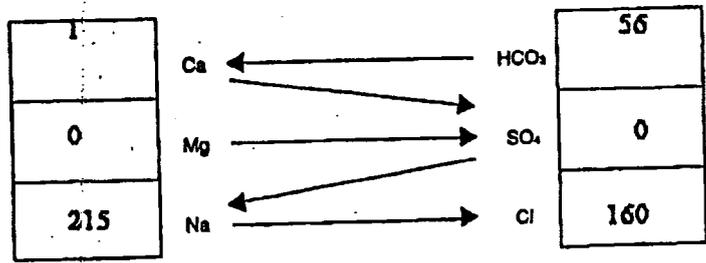
WATER ANALYSIS REPORT

Company Inland Address _____ Date _____
 Source Odekirk 15-36-8-17 Date Sampled 12/8/00 Analysis No. _____

Analysis	mg/l(ppm)	*Meg/l
1. PH	9.7	
2. H ₂ S (Qualitative)	0.5	
3. Specific Gravity	1.011	
4. Dissolved Solids	13,663	
5. Alkalinity (CaCO ₃)	240	+ 30 8 CO ₃
6. Bicarbonate (HCO ₃)	2,806	+ 61 46 HCO ₃
7. Hydroxyl (OH)	0	+ 17 0 OH
8. Chlorides (Cl)	5,660	+ 35.5 160 Cl
9. Sulfates (SO ₄)	0	+ 48 0 SO ₄
10. Calcium (Ca)	10	+ 20 1 Ca
11. Magnesium (Mg)	2	+ 12.2 0 Mg
12. Total Hardness (CaCO ₃)	35	
13. Total Iron (Fe)	1.6	
14. Manganese	0.0	
15. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04		1		81
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.82				
NaHCO ₃	84.00		55		4,620
Na ₂ SO ₄	71.03				
NaCl	58.46		160		9,354

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

Complete & Johnson Water Compat.

REMARKS _____

Attachment E-4

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND PRODUCTION CO
 LOCATION:
 SYSTEM:

12-11-2000

WATER DESCRIPTION:	JOHNSON WATER	ODEKIRK 15-36-8-17
P-ALK AS PPM CaCO3	0	400
M-ALK AS PPM CaCO3	393	4601
SULFATE AS PPM SO4	130	0
CHLORIDE AS PPM Cl	71	5660
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	180	25
MAGNESIUM AS PPM CaCO3	169	0
SODIUM AS PPM Na	46	4945
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	600	13660
TEMP (DEG-F)	100	100
SYSTEM pH	7.4	9.7

WATER COMPATIBILITY CALCULATIONS
 JOHNSON WATER AND ODEKIRK 15-36-8-1
 CONDITIONS: pH=8.6. TEMPERATURE ESTIMATED FROM COMPONENT WATERS.

WATER ONE IS JOHNSON WATER

% Water 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.53	59	0	0	0
90	1.74	56	0	0	0
80	1.82	51	0	0	0
70	1.83	45	0	0	0
60	1.81	40	0	0	0
50	1.77	35	0	0	0
40	1.70	29	0	0	0
30	1.61	24	0	0	0
20	1.49	18	0	0	0
10	1.33	13	0	0	0
0	1.12	8	0	0	0

ATTACHMENT G

GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES

For Class II wells, submit appropriate geological data on the injection zone and confining zones, including lithologic description, geological name, thickness, and depth and fracture pressure.

The proposed injection well produced from and will inject into the Green River formation. Water is sourced from the Johnson Water District and injected or is commingled with produced water at the Monument Butte Injection Facility and processed for individual well injection.

The injection zones are in the Green River formation, bounded by the Garden Gulch marker and the Basal Carbonate Marker. The Green River is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shales. At the Odekirk Spring State #15-36-8-17 location, the proposed injection zone is from 4994' - 5741'. The porous and permeable lenticular sandstones vary in thickness from 0' - 31' and are confined to the Monument Butte area by low porosity calcareous shales and carbonates.

The confining strata directly above and below the injection zones are the top of the Garden Gulch formation and the Basal Carbonate, in the Odekirk Spring State #15-36-8-17 well. The strata confining the injection zone are composed of tight, moderately calcareous, sandy lucustrine shales. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

The fracture pressure of the Odekirk Spring State #15-36-8-17 will be determined upon testing. The minimum fracture gradient calculates at 0.714 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be conducted upon injection and periodically thereafter to determine the actual fracture pressure. As the fracture pressure increases, we may elect to increase the injection pressure, but will not exceed the maximum of 1561 psig.

Communication Prevention:

The injection system will be equipped with high and low pressure shut down devices, which will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

Attachment G-1 Formation Tops

Attachment G-2 Proposed Maximum Injection Pressure

Attachment G-3 Fracture Reports Dated 8-22-00 and 8-24-00

Attachment G-4 Drilling and Completion Reports Dated 7-22-00 to 7-29-00; and 8-21-00 to 8-29-00

ATTACHMENT G-1

FORMATION TOPS

ODKIRK SPRING STATE #15-36-8-17

<u>FORMATION</u>	<u>DEPTH (ft)</u>
Garden Gulch Marker	3860'
Garden Gulch 2	4160'
Point Three Marker	4420'
X Marker	4648'
Y-Marker	4683'
Douglas Creek	4814'
Bicarbonate Marker	5046'
B-Limestone	5138'
Castle Peak Limestone	5638'
Total Depth	5857'

Attachment G-2

**Odekirk Spring State #15-36-8-17
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5657	5662	5660	1610	0.717	1597
5670	5674	5672	1610	0.717	1597
5714	5728	5721	1610	0.714	1596
5738	5741	5740	1610	0.714	1597
5457	5473	5465	1650	0.735	1636
5385	5391	5388	1750	0.758	1737
5307	5317	5312	1750	0.762	1737
4994	5015	5005	1575	0.748	1561
5119	5130	5125	1575	0.740	1562
				Minimum	1561



Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Avg. Depth})) / \text{Avg. Depth}$



SUMMARY WORKOVER REPORT

ODEKIRK SPRING 15-36-8-17
SW/SE Section 36 - T8S - R17E
Uintah Co., UT
API # 43-047-3199

Spud Dat 7/23/00
TD 5857'
Completion or Workover Rig KES #965
Perf/frac CP & LDC sds

Report Date 8/22/00 Day 1
Date Work Performed 8/21/00

MIRU KES Rig #965. Install 5 M frac head. NU 5M BOP. Press test csg, blind rams, csg valves & frac head seal to 3000 psi. Tally, drift, PU & TiH w/ 3-7/8" bit, 4-1/2" csg scraper & 181 jts 2-3/8" 8rd 4.7# J-55 tbg. Tag PBSD @ 5844'. Swab FL dn to 5100'. ToH w/ tbg. LD bit & scraper. SIFN

Daily Cost 160,585 Cumulative Cost 160,585

Report Date 8/23/00 Day 2
Date Work Performed 8/22/00

Perf/frac Lo LDC sds/ Perf A/LDC sds

NU BJ Services "Ram head" flange. RU Schlumberger & perf CP sds @ 5657' - 5662', 5670' - 5674', 5714' - 5728' & 5738' - 5741' w/ 4 JSPF in 2 runs. RU BJ & frac CP sds w/ 78,373# 20/40 sd in 497 bbls Viking I-25 fluid. Perfs broke dn @ 4334 psi. Treated @ avg rate of 34 BPM w/ avg press of 2200 psi. ISIP: 1610 psi, 5 min: 1560 psi. Leave press on well. Est 505 BWTR (including 8 bbls ahead of frac)

STIMULATION DETAIL: CP SANDS

3000 gals of pad
1000 gals w/ 1-5 ppg of 20/40 sd
9000 gals w/ 5-8 ppg of 20/40 sd
4529 gals w/ 8 ppg of 20/40 sd
Flush w/ 3633 gals of slick wtr
Max TP: 2370, Avg TP: 2200, Max Rate: 34 BPM, Avg Rate: 34 BPM
Total fluid pmpd: 497 bbls, Total Prop pmpd: 78,373#
ISIP: 1610, 5 min: 1560

RU Schlumberger & run 4-1/2" HE RBP. Set plug @ 5580'. Bled press off well. Rec est 2 BTF. RIH w/ 3-1/8" perf gun. Perf Lo LDC sds @ 5457' - 5473' w/ 4 JSPF. RD WLT. RU BJ Services and frac Lo LDC sds w/ 50,000# 20/40 sd in 374 bbls Viking I-25 Fluid. Perfs broke dn @ 4410 psi. Treated @ avg press of 2950 psi w/ avg rate of 30.3 BPM. ISIP - 1650 psi, 5 min: 1540 psi. rD BJ. Flowback frac on 12/64" choke for 2-1/2 hrs & died. Rec 85 BTF (est 23% of frac load). SIFN w/ est 792 BWTR.

STIMULATION DETAIL: LO LDC SANDS

300 gals of pad
1000 gals w/ 1-5 ppg of 20/40 sd
6000 gals w/ 5-8 ppg of 20/40 sd
2215 gals w/ 8 ppg of 20/40 sd
Flush w/ 3511 gals of slick wtr
Max TP: 4000, Avg TP: 2950, Max Rate: 30.6 BPM, Avg Rate: 30.3 BPM
Total fluid pmpd: 374 bbls, Total Prop pmpd: 50,000#
ISIP: 1650, 5 min: 1540

Daily Cost \$45,707 Cumulative Cost 206,292

Report Date 8/24/00 Day 3

Frac A/LDC/perf/frac B/C



SUMMARY WORKOVER REPORT

Date Work Performed 8/23/00

TIH w/ 4-1/2" TS RBP & tbg. Tbg displaced 9 BW on TIH. Set plg @ 5420'. Press test plg to 3000 psi. Swab FL dn to 4900'. Rec 68 BTF. TOH w/ tbg & RH. RU Schlumberger & perf Upper LDC sds @ 5385' - 5391' w/ 1 JSPF & perf A sds @ 5307' - 5317' w/ 2 JSPF. RD WLT. SIFN w/ est 715 BWTR.

Daily Cost \$6,547 Cumulative Cost 212,839

Report Date 8/25/00 Day 4

Perf/frac/flow B/C Sands

Date Work Performed 8/24/00

RU BJ Services and frac A sds & upper LDC sds w/ 134,320# 20/40 sd in 787 bbls Viking I-25 fluid. Perfs broke dn @ 2438 psi. Treated @ avg press of 2010 psi w/ avg rate of 32 BPM. ISIP: 1750 psi, 5 min: 1690 psi. Leave press on well. Est 1502 BWTR

STIMULATION DETAIL: A sds & Upper LDC sds

8000 gals of pad
3000 gals w/ 1-5 ppg of 20/40 sd
16,000 gals w/ 5-8 ppg of 20/40 sd
2660 gals w/ 8 ppg of 20/40 sd
Flush w/ 3372 gals of slick wtr
Max TP: 2300, Avt TP: 2010, Max Rate: 32 BPM, Avg Rate: 32 BPM
Total fluid pmpd: 787 bbls, Total Prop pmpd: 134,320#
ISIP: 1750, 5 min: 1690

RU Schlumberger & run 4-1/2" HE RBP. Set plg @ 5150. Bled press off well. Rec est 2 BTF. Perf B/C sds @ 4994-5015' and 5119-5130' w/ 4 JSPF. RD WLT. TIH w/ 4-1/2" HD pkr & tbg. Tbg displaced 8 BW on TIH. Set pkr @ 5055'. Breakdn perfs 5119'-5130' (dn tbg) @ 4400 psi. Est inj rate of 2.3 BPM @ 1300 psi. Breakdn perfs 4994'-5015' @ 3300 psi. Est inj rate of 2.1 BPM @ 900 psi. Used 2 BW. Release pkr TOH w/ tbg & pkr. RU BJ Services and frac B/C sds w/ 81,820# 20/40 sd in 546 bbls Viking I-25 fluid. Perfs brk back @ 2518 psi @ 16.2 BPM. Treated @ avg press of 1700 psi w/ avg rate of 30 BPM. ISIP: 1575 psi, 5 min: 1535 psi. RD BJ. Flowbk frac on 12/64" choke for 3 hrs & died. Rec 103 BTF (est 19% of frac ld) SIFN w/ est 1937 BWTR.

STIMULATION DETAIL: B/C SDS

6000 gals of pad
2000 gals w/ 1-5 pg of 20/40 sd
9000 gals w/ 5-8 ppg of 20/40 sd
2776 gals w/ 8 ppg of 20/40 sd
Flush w/ 3150 gals of slick wtr
Max TP: 1950, Avg TP: 1700, Max Rate: 30 BPM, Avg Rate: 30 BPM
Total fluid pmpd: 546 bbls, Total Prop pmpd: 81,820#
ISIP: 1575, 5 MIN: 1535

Daily Cost \$59,064 Cumulative Cost 271,903

Report Date 8/26/00 Day 5

C/O PBTD- Swab well

Date Work Performed 8/25/00

TIH w/ RH & tbg. Tbg displaced 9 BW on TIH. Tag sd @ 5088'. Rev circ out sd to RBP @ 5150'. Release plug. TOH w/ tbg. LD plug. TIH w/ RH & tbg. Tag sd @ 5332'. C/O sd to RBP @ 5420'. Release plug. TOH w/ tbg. LD plg. TIH w/ RH & tbg. Tag sd @ 5742'. C/O sd to RBP @ 5580'. Release plg. Circ hole clean. Lost est 60 bbls wtr during circ's. TOH w/ tbg. LD plug. TIH w/ NC & tbg to 3780'. SIFN w/ 1988 BWTR.

Daily Cost \$2,937 Cumulative Cost 274,840



Attachment G-4

DAILY DRILLING REPORT

ODEKIRK SPRING 15-36-8-17

Section 36 - T8S - R17E

#Error

API # 36--8S-7E-15

Spud Dat

TD

Drig Rig UNION #14

Report Date 7/23/00 Days Since Spud 1 Depth: 323 Footage 323'

Time	Operation
0.00	HRS w/ est 3 bbls cmt to surface
4.00	HRS WOC
0.50	HRS Break out landing jt, NU BOP & choke lines
5.00	HRS MIRU Union Rig #14 & set equip 07/22/00
1.00	HRS Drill MH & RH, SPUD WELL @ 1:00 P.M. 07/22/00
1.50	HRS Drill 23' of 17-1/2" hole. Set conductor pipe
0.50	HRS Drill 12-1/4" hole
1.00	HRS NU air bowl & flowline
7.25	HRS Drill 12-1/4" hole to 328'
1.00	HRS C & C hole. TOH w/ BHA. RD air bowl. Pull conductor
1.50	HRS PU & MU 8-5/8" guide shoe & 8 jts J-55 24# 8-5/8" csg. Landed @ 305.65' KB
1.00	HRS Cement as follows: 20 bbls dye, 20 bblw gel, 141 sxs Class G cmt w/ 2% CaCL2
0.00	HRS mixed @ 15.8 ppg > 1.17 YLD. Plug down @ 4:48 a.m. 7/23/00. Had good returns

Daily Cost \$16,878 Cumulative Cost \$16,878

Report Date 7/24/00 Days Since Spud 2 Depth: 1407 Footage 1084'

Time	Operation
2.50	HRS NU BOPs. Flow line
2.00	HRS Test BOPs, choke manifold, TIW, Kelly to 2000. 8-5/8" csg to 1500 psi
1.00	HRS TIH w/ drill string & BHA. Drill cmt & shoe
2.75	HRS Drill 7-7/8" hole w/ air to a depth of 522'
1.25	HRS Rig service & survey
0.50	HRS Drill 7-7/8" hole w/ air to a depth of 554'
1.25	HRS R & R air comp.
1.75	HRS Drill 7-7/8" hole w/ air to a depth of 706'
1.00	HRS R & R air comp
4.00	HRS Drill 7-7/8" hole w/ air to a depth of 1013'
0.50	HRS Rig service & survey
5.50	HRS Drill 7-7/8" hole w/ air to a depth of 1407'

Daily Cost \$12,791 Cumulative Cost \$29,669

Report Date 7/25/00 Days Since Spud 3 Depth: 2840 Footage 1433'



DAILY DRILLING REPORT

Time	Operation
2.00 HRS	Drill 7-7/8" hole w/ air to a depth of 1595'
1.00 HRS	Rig service & survey
7.50 HRS	Drill 7-7/8" hole w/ air to a depth of 2050'
0.75 HRS	Rig service & survey
7.00 HRS	Drill 7-7/8" hole w/ air to a depth of 2559'
0.50 HRS	Rig service & survey
5.25 HRS	Drill 7-7/8" hole w/ air to a depth of 2840'

Daily Cost \$22,440 Cumulative Cost \$52,109

Report Date **7/26/00** Days Since Spud **4** Depth: **3851** Footage **1011'**

Time	Operation
2.75 HRS	Drill 7-7/8" hole w/ air to a depth of 3053'
0.75 HRS	Rig service & survey
5.00 HRS	Drill 7-7/8" hole w/ air to a depth of 3310'
0.50 HRS	Rig service
11.50 HRS	Drill 7-7/8" hole w/ air to a depth of 3851'
1.25 HRS	C & C hole load w/ water, Break circulation. Drop survey tool.
2.25 HRS	TOH w/ drill string, BHA for fluid bit.

Daily Cost \$11,524 Cumulative Cost \$63,633

Report Date **7/27/00** Days Since Spud **5** Depth: **4567** Footage **716'**

Time	Operation
3.00 HRS	TIH w/ MM/#4 bit & BHA
0.50 HRS	Fill dr pipe & wash 30' to btm
0.50 HRS	Survey
9.50 HRS	Drill 7-7/8" hole w/ fluid to a depth of 4182'
0.25 HRS	Rig service
3.50 HRS	Drill 7-7/8" hole w/ fluid to a depth of 4307'
0.50 HRS	Rig service & survey
6.25 HRS	Drill 7-7/8" hole w/ fluid to a depth of 4567'
0.00 HRS	Water flow estimated @ 1.75 gpm (3150' depth)

Daily Cost \$10,070 Cumulative Cost \$73,703

Report Date **7/28/00** Days Since Spud **6** Depth: **5346** Footage **779'**



RESOURCES INC.

DAILY DRILLING REPORT

Time	Operation
1.00 HRS	Drill 7-7/8" hole w/ fluid to a depth of 4615'
1.50 HRS	Rig service & survey
5.50 HRS	Drill 7-7/8" hole w/ fluid to a depth of 4831'
0.75 HRS	Rig service & survey
0.25 HRS	Drill 7-7/8" hole w/ fluid to a depth of 5322'
0.50 HRS	Survey
0.75 HRS	Drill 7-7/8" hole w/ fluid to a depth of 5346'
0.00 HRS	Water flow estimated at 1.75 gpm (3150' depth)

Daily Cost \$12,950 Cumulative Cost \$86,653

Report Date 7/29/00 Days Since Spud 7 Depth: 5850 Footage 504'

Time	Operation
1.00 HRS	Drill 7-7/8" hole f/ 5346' to 5383
1.00 HRS	Service rig & pumps
8.25 HRS	Drill 7-7/8" hole f/ 5383' to 5694'
0.25 HRS	Rig service
4.75 HRS	Drill 7-7/8" hole from 5694' to 5850'. TD WELL @ 9:15 P.M. 07/28/00
1.00 HRS	C & C hole. Drop survey
4.75 HRS	TOH & LD DP & BHA
0.25 HRS	RU Phoenix Surveys Inc
2.75 HRS	Begin logging well. Loggers TD @ 5857'. Ran CDL/CNL/GR/CAL suite f/ TD to 3000'
0.00 HRS	DIGL/SP/GR f/ TD to surface casing

Daily Cost \$8,075 Cumulative Cost \$94,728

Report Date 7/30/00 Days Since Spud 8 Depth: 5850 Footage 0'

Time	Operation
1.50 HRS	Con't logging well. Ran CDL/CNL/GR/CAL suite f/ TD to 3000'
0.00 HRS	and DIGL/SP/GR f/ TD to surface casing. RD PSI.
3.00 HRS	RU & RIH w/ 4-1/2" float shoe & 138 jts 4-1/2" 11/6#, J-55 csg (5843.68')
0.00 HRS	Landed @ 5845'
1.00 HRS	RU BJ Services. C & C hole
1.25 HRS	Cement casing as follows: 20 bbls dye wtr, 20 bbls MudClean II, 425 sx Premlite
0.00 HRS	II w/ .5% SM, 8% gel, 5#/sx BA-90, 3#/sx Kol-seal, 3% KCL, 25#/sx Cello-flake
0.00 HRS	mixed @ 12.0 ppg w/ 2.45 cf/sx yield
0.00 HRS	Tail in w/ 500 sx 50/50 poz w/ 3% KCL, .25#/sx Cello-flake, 2% gel & .3% sm mixed
0.00 HRS	@ 14.4 ppg w/ 1.24 cf/sx yield. Good returns throughout job w/ 10 bbls Dye wtr to sfc
0.00 HRS	Bump plug to 2255 psi. Float held. PLUG DOWN @ 12:45 p.m. 07/29/00.
4.00 HRS	ND BOP slack & flowline. Set slips w/ 60,000# Dump & clean mud pits.
0.00 HRS	RELEASE RIG @ 4:45 P.M. 07/29/00

Daily Cost \$43,701 Cumulative Cost 138,429



SUMMARY WORKOVER REPORT

ODEKIRK SPRING 15-36-8-17
SW/SE Section 36 - T8S - R17E
Uintah Co., UT
API # 43-047-3199

Spud Dat 7/23/00
TD 5857'
Completion or Workover Rig KES #965

Report Date 8/22/00 Day 1

Perf/frac CP & LDC sds

Date Work Performed 8/21/00

MIRU KES Rig #965. Install 5 M frac head. NU 5M BOP. Press test csg, blind rams, csg valves & frac head seal to 3000 psi. Tally, drift, PU & TiH w/ 3-7/8" bit, 4-1/2" csg scraper & 181 jts 2-3/8" 8rd 4.7# J-55 tbg. Tag PBTD @ 5844'. Swab FL dn to 5100'. ToH w/ tbg. LD bit & scraper. SIFN

Daily Cost 160,585 Cumulative Cost 160,585

Report Date 8/23/00 Day 2

Perf/frac Lo LDC sds/ Perf A/LDC sds

Date Work Performed 8/22/00

NU BJ Services "Ram head" flange. RU Schlumberger & perf CP sds @ 5657' - 5662', 5670' - 5674', 5714' - 5728' & 5738' - 5741' w/ 4 JSPF in 2 runs. RU BJ & frac CP sds w/ 78,373# 20/40 sd in 497 bbls Viking I-25 fluid. Perfs broke dn @ 4334 psi. Treated @ avg rate of 34 BPM w/ avg press of 2200 psi. ISIP: 1610 psi, 5 min: 1560 psi. Leave press on well. Est 505 BWTR (including 8 bbls ahead of frac)

STIMULATION DETAIL: CP SANDS

3000 gals of pad
1000 gals w/ 1-5 ppg of 20/40 sd
9000 gals w/ 5-8 ppg of 20/40 sd
4529 gals w/ 8 ppg of 20/40 sd
Flush w/ 3633 gals of slick wtr
Max TP: 2370, Avg TP: 2200, Max Rate: 34 BPM, Avg Rate: 34 BPM
Total fluid pmpd: 497 bbls, Total Prop pmpd: 78,373#
ISIP: 1610, 5 min: 1560

RU Schlumberger & run 4-1/2" HE RBP. Set plug @ 5580'. Bled press off well. Rec est 2 BTF. RIH w/ 3-1/8" perf gun. Perf Lo LDC sds @ 5457' - 5473' w/ 4 JSPF. RD WLT. RU BJ Services and frac Lo LDC sds w/ 50,000# 20/40 sd in 374 bbls Viking I-25 Fluid. Perfs broke dn @ 4410 psi. Treated @ avg press of 2950 psi w/ avg rate of 30.3 BPM. ISIP - 1650 psi, 5 min: 1540 psi. rD BJ. Flowback frac on 12/64" choke for 2-1/2 hrs & died. Rec 85 BTF (est 23% of frac load). SIFN w/ est 792 BWTR.

STIMULATION DETAIL: LO LDC SANDS

300 gals of pad
1000 gals w/ 1-5 ppg of 20/40 sd
6000 gals w/ 5-8 ppg of 20/40 sd
2215 gals w/ 8 ppg of 20/40 sd
Flush w/ 3511 gals of slick wtr
Max TP: 4000, Avg TP: 2950, Max Rate: 30.6 BPM, Avg Rate: 30.3 BPM
Total fluid pmpd: 374 bbls, Total Prop pmpd: 50,000#
ISIP: 1650, 5 min: 1540

Daily Cost \$45,707 Cumulative Cost 206,292

Report Date 8/24/00 Day 3

Frac A/LDC/perf/frac B/C

[Faint, illegible text, possibly a signature or stamp]



Attachment G-4

SUMMARY WORKOVER REPORT

Date Work Performed 8/23/00

TIH w/ 4-1/2" TS RBP & tbg. Tbg displaced 9 BW on TIH. Set plg @ 5420'. Press test plg to 3000 psi. Swab FL dn to 4900'. Rec 68 BTF. TOH w/ tbg & RH. RU Schlumberger & perf Upper LDC sds @ 5385' - 5391' w/ 1 JSPF & perf A sds @ 5307' - 5317' w/ 2 JSPF. RD WLT. SIFN w/ est 715 BWTR.

Daily Cost \$6,547 Cumulative Cost 212,839

Report Date 8/25/00 Day 4

Perf/frac/flow B/C Sands

Date Work Performed 8/24/00

RU BJ Services and frac A sds & upper LDC sds w/ 134,320# 20/40 sd in 787 bbls Viking I-25 fluid. Perfs broke dn @ 2438 psi. Treated @ avg press of 2010 psi w/ avg rate of 32 BPM. ISIP: 1750 psi, 5 min: 1690 psi. Leave press on well. Est 1502 BWTR

STIMULATION DETAIL: A sds & Upper LDC sds

8000 gals of pad

3000 gals w/ 1-5 ppg of 20/40 sd

16,000 gals w/ 5-8 ppg of 20/40 sd

2660 gals w/ 8 ppg of 20/40 sd

Flush w/ 3372 gals of slick wtr

Max TP: 2300, Avt TP: 2010, Max Rate: 32 BPM, Avg Rate: 32 BPM

Total fluid pmpd: 787 bbls, Total Prop pmpd: 134,320#

ISIP: 1750, 5 min: 1690

RU Schlumberger & run 4-1/2" HE RBP. Set plg @ 5150. Bled press off well. Rec est 2 BTF. Perf B/C sds @ 4994-5015' and 5119-5130' w/ 4 JSPF. RD WLT. TIH w/ 4-1/2" HD pkr & tbg. Tbg displaced 8 BW on TIH. Set pkr @ 5055'. Breakdn perfs 5119'-5130' (dn tbg) @ 4400 psi. Est inj rate of 2.3 BPM @ 1300 psi. Breakdn perfs 4994'-5015' @ 3300 psi. Est inj rate of 2.1 BPM @ 900 psi. Used 2 BW. Release pkr TOH w/ tbg & pkr. RU BJ Services and frac B/C sds w/ 81,820# 20/40 sd in 546 bbls Viking I-25 fluid. Perfs brk back @ 2518 psi @ 16.2 BPM. Treated @ avg press of 1700 psi w/ avg rate of 30 BPM. ISIP: 1575 psi, 5 min: 1535 psi. RD BJ. Flowbk frac on 12/64" choke for 3 hrs & died. Rec 103 BTF (est 19% of frac ld) SIFN w/ est 1937 BWTR.

STIMULATION DETAIL: B/C SDS

6000 gals of pad

2000 gals w/ 1-5 pg of 20/40 sd

9000 gals w/ 5-8 ppg of 20/40 sd

2776 gals w/ 8 ppg of 20/40 sd

Flush w/ 3150 gals of slick wtr

Max TP: 1950, Avg TP: 1700, Max Rate: 30 BPM, Avg Rate: 30 BPM

Total fluid pmpd: 546 bbls, Total Prop pmpd: 81,820#

ISIP: 1575, 5 MIN: 1535

Daily Cost \$59,064 Cumulative Cost 271,903

Report Date 8/26/00 Day 5

C/O PBTD- Swab well

Date Work Performed 8/25/00

TIH w/ RH & tbg. Tbg displaced 9 BW on TIH. Tag sd @ 5088'. Rev circ out sd to RBP @ 5150'. Release plug. TOH w/ tbg. LD plug. TIH w/ RH & tbg. Tag sd @ 5332'. C/O sd to RBP @ 5420'. Release plug. TOH w/ tbg. LD plug. TIH w/ RH & tbg. Tag sd @ 5742'. C/O sd to RBP @ 5580'. Release plug. Circ hole clean. Lost est 60 bbls wtr during circ's. TOH w/ tbg. LD plug. TIH w/ NC & tbg to 3780'. SIFN w/ 1988 BWTR.

Daily Cost \$2,937 Cumulative Cost 274,840



Attachment G-4

SUMMARY WORKOVER REPORT

Report Date 8/27/00 Day 6

Swabbing well/ trip prod tbg

Date Work Performed 8/26/00

Con't TIH w/ NC & tbg f/ 3780'. Tag sd @ 5762'. Rev circ out to PBD @ 5844'. Circ hole clean. Pull eOT to 5801'. RU swab equip. IFL @ sfc. Made 15 swab runs rec 236 BTF w/ no sand in later samples. FFL @ 1100'. FOC @ 10% w/ good gas. SIFN w/ est 1752 BWTR.

Daily Cost \$2,621 Cumulative Cost 277,461

Report Date 8/29/00 Day 7

Place well on Production

Date Work Performed 8/28/00

SITP: 100 psi, SICP; 150 psi. RU swab equip IFL @ 100' made 6 swab runs recivered 23 bbls oil & 66 bbls wtr, FFL @ 900'. LD swab equip. PU 2 jts tbg tag snd top @ 5848' (4' of fill) TOH w/ tbg. TIH w/ production string as follows: NC, 2 jts tbg, SN, 3 jts tbg, 4-1/2" TA, 173 jts tbg. ND BOP's. Set TA @ 5616' w/ 12,000# tention. NU tbg head. SWIFN w/ est 1686 BWTR.

Daily Cost \$2,837 Cumulative Cost 280,298

Report Date 8/30/00 Day 7

Well on Production

Date Work Performed 8/29/00

Flush tbg w/ 25 BW. PU & TIH w/ rod string as follows: Axelson 2" x 1-1/2" x 16' RWAC pmp, 4 - 1-1/2" weight rods, 10 - 3/4" scraped rods, 124 - 3/4" plain rods, 90 - 3/4" scraped rods, 1-1/4" x 22 polished rod. Seat pmp. RU pmpg unit (Tbg full) press test pmp & tbg to 300 psi. Stroke pmp up w/ unit to 800 psi. Good pmp action. RDMO SU. POP @ 12:00 p.m. 08/29/00 w/ 56" SL @ 7 SPM. Est 1711 BWTR. FINAL REPORT.

Daily Cost \$90,909 Cumulative Cost 371,207

ATTACHMENT H

OPERATING DATA

Submit the following proposed operating data for each well (including all those to be covered by area permits): (1) average and maximum daily rate and volume of the fluids to be injected; (2) average and maximum injection pressure; (3) nature of annulus fluid; and (4) for Class II wells, source and analysis of the physical and chemical characteristics of the injection fluid.

1. Estimated average daily rate is 300 BPD, and the estimated maximum daily rate is 500 BPD.
2. The average and maximum surface pressure will be determined upon testing.
3. Fresh water treated with scale inhibitor, oxygen scavenger, biocide (behind packer fluid).
4. The injected fluid is primarily culinary water from the Johnson Water District; in secondary cases the injected fluid will be culinary water from the Johnson Water District commingled with produced water. (See Attachments E-1 through E-4 for analysis).

ATTACHMENT M
CONSTRUCTION DETAILS

Submit schematic or other appropriate drawings of the surface and subsurface construction details of the well.

Attachment M-1 Wellbore schematic of Odekirk Spring State #15-36-8-17

Attachment M-2 Site Plan of Odekirk Spring State #15-36-8-17

Odekirk Spring #15-36-8-17

Spud Date: 07/22/00
 Put on Prod: 08/29/00
 GL: 5014' KB: 5024'

Initial Production: 116 BOPD,
 31 MCFPD, 5 BWPD.

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.45')
 DEPTH LANDED: 305.45' (GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 SXS Class "G" with 2% CaCl2

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5856.88')
 DEPTH LANDED: 5845'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 425 sxs PremLite 2 and 500 sx 50/50 Pozmix

TUBING

SIZE/GRADE/WT: 2-3/8", J-55, 4.7#
 NO. OF JOINTS: 178 jts.
 TUBING ANCHOR: 5616' KB
 SEATING NIPPLE: 2-3/8" (1.10')
 TOTAL STRING LENGTH: 5773.32'
 SN LANDED AT: 5717' KB

SUCKER RODS

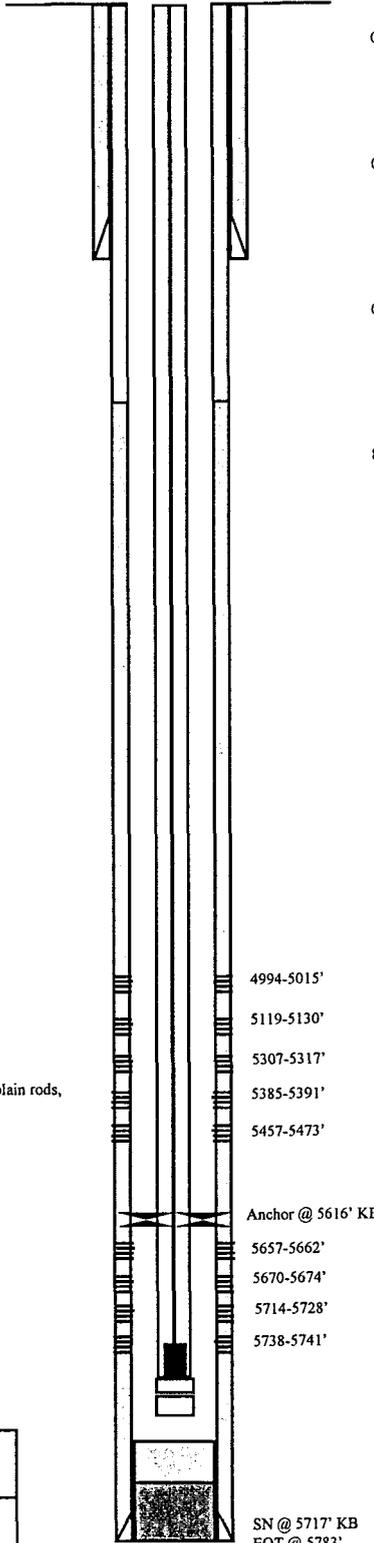
POLISHED ROD: 1-1/4" x 22' polished rod.
 SUCKER RODS: 4 1-1/2" weight rods, 10 3/4" scraped, 124 3/4" plain rods,
 90 3/4" scraped rods.
 PUMP SIZE: 2" x 1-1/2" x 16' RWAC pump
 STROKE LENGTH: 56"
 PUMP SPEED, SPM: 7 SPM
 LOGS: DIGL/SP/GR/CAL 5857' to surface casing
 CNL/CDL/GR 5857' to 3000'

FRAC JOB

08/22/00 5657-5741' Frac CP sands w/78,373# of 20/40 sand in 497 bbls Viking I-25 fluid. Perfs broke @ 4334 psi. Avg rate of 34 BPM at avg. press of 2200 psi. ISIP 1610 psi; 5 min 1560 psi. Left pressure on well.
 08/22/00 5457-5473' Frac Lo LDC sands w/50,000# 20/40 sand in 374 bbls Viking I-25 fluid. Perfs broke @ 4410 psi. Avg press of 2950 psi w/avg rate of 30.3 BPM. ISIP 1650 psi; 5 min 1540 psi. Flowback on 12/64" choke for 2-1/2 hrs & died.
 08/24/00 5307-5391' Frac A & upper LDC sands w/134,320# 20/40 sand in 787 bbls Viking I-25 fluid. Perfs broke @ 2438psi. Avg press of 2010 psi w/avg rate of 32 BPM. ISIP 1750 psi; 5 min 1690 psi. Left pressure on well.
 8/24/00 4994-5130' Frac B/C sands w/81,820# 20/40 sand in 546 bbls Viking I-25 fluid. Perfs broke @ 2518 psi. Avg press of 1700 psi w/avg rate of 30 BPM. ISIP 1575 psi; 5 min 1535 psi. Flowback on 12/64" choke for 3 hrs and died.

PERFORATION RECORD

8/22/00	5657-662'	4 SPF	20 shots
8/22/00	5670-674'	4 SPF	16 shots
8/22/00	5714-728'	4 SPF	56 shots
8/22/00	5738-741'	4 SPF	12 shots
8/22/00	5457-473'	4 SPF	56 shots
8/23/00	5385-391'	1 SPF	6 shots
8/23/00	5307-317'	2 SPF	20 shots
8/24/00	4994-5015'	4 SPF	84 shots
8/24/00	5119-130'	4 SPF	44 shots



SN @ 5717' KB
 EOT @ 5783'
 PBTD @ 5844'
 TD @ 5857'



Inland Resources Inc.

Odekirk Spring #15-36-8-17

722.5' FSL and 1983' FEL

SWSE Section 36-T8S-R17E

Uintah Co, Utah

API #43-047-33199; Lease #ML-44305

Inland Production Company Site Facility Diagram

Odekirk 15-36-8-17
SW SE Sec. 36, T8S, 17E
Uintah County, Utah
ML-44305

Attachment M-2

Site Security Plan is held at the Pleasant Valley
Office, Duchesne County Utah

Production Phase:

- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2, 5, 6 sealed open

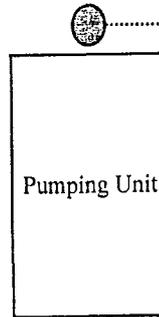
Sales Phase:

- 1) Valves 1, 2, 4, 5, 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valve 1 open

Well Head

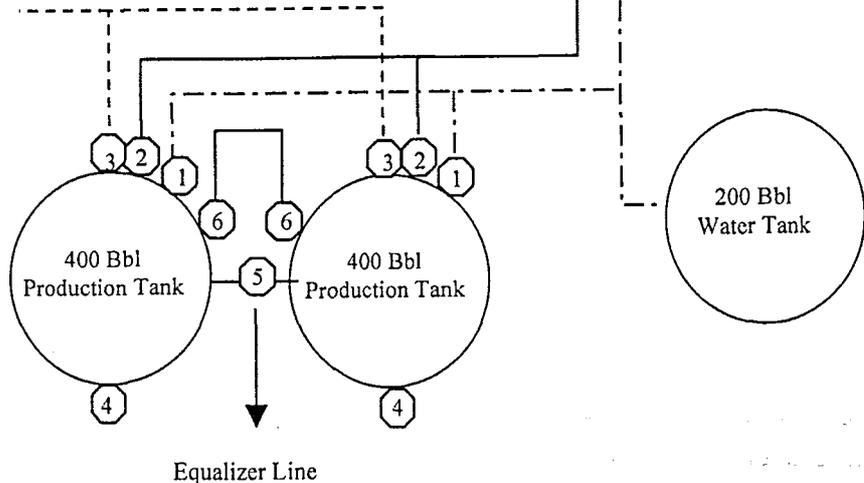


Heater Treater

Gas Sales Meter

200 Bbl
Water Tank

← Diked Section



Legend

Emulsion Line
Load Line	-----
Water Line	-----
Oil Line	—————
Gas Sales	-----

ATTACHMENT Q

PLUGGING AND ABANDONMENT PLAN

Submit a plan for plugging and abandonment of the well. Submit this information on EPA Form 7520-14, Plugging and Abandonment Plan.

Attachment Q-1 EPA Form 7520-14, Plugging and Abandonment Plan

Attachment Q-2 Wellbore Schematic of Proposed Plugging and Abandonment

Attachment Q-3 Work procedure for plugging and abandonment



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY Odekirk Spring State #15-36-8-17 Uintah County, Utah	NAME AND ADDRESS OF OWNER/OPERATOR Inland Production Company 410 17th Street, Suite 700 Denver, Colorado 80202
---	---

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES 	STATE Utah	COUNTY Uintah	PERMIT NUMBER 43-047-33199
	SURFACE LOCATION DESCRIPTION SW ¼ OF SE ¼ OF SECTION 36 TOWNSHIP 8S RANGE 17E		
	LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location _____ 723 ft. from (N/S) S _____ Line of quarter section and _____ 1983 ft. from (E/W) E _____ Line of quarter section		
TYPE OF AUTHORIZATION <input checked="" type="checkbox"/> Individual Permit <input type="checkbox"/> Area Permit <input type="checkbox"/> Rule Number of Wells _____ 1		WELL ACTIVITY <input type="checkbox"/> CLASS I <input checked="" type="checkbox"/> CLASS II <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage <input type="checkbox"/> CLASS III	
Lease Name Odekirk Spring		Well Number #15-36-8-17	

CASING AND TUBING RECORD AFTER PLUGGING	METHOD OF EMPLACEMENT OF CEMENT PLUGS																				
<table border="1" style="width:100%"> <thead> <tr> <th>SIZE</th> <th>WT(LB/FT)</th> <th>TO BE PUT IN WELL (FT)</th> <th>TO BE LEFT IN WELL (FT)</th> <th>HOLE SIZE</th> </tr> </thead> <tbody> <tr> <td>8-5/8"</td> <td>24</td> <td>306'</td> <td>306'</td> <td>12-1/4"</td> </tr> <tr> <td>5-1/2"</td> <td>15.5</td> <td>5845'</td> <td>5845'</td> <td>7-7/8"</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE	8-5/8"	24	306'	306'	12-1/4"	5-1/2"	15.5	5845'	5845'	7-7/8"						<input checked="" type="checkbox"/> The Balance Method <input type="checkbox"/> The Dump Bailer Method <input type="checkbox"/> The Two-Plug Method <input type="checkbox"/> Other
SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE																	
8-5/8"	24	306'	306'	12-1/4"																	
5-1/2"	15.5	5845'	5845'	7-7/8"																	

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will be Placed (inches)	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	annuls	
Depth to Bottom of Tubing or Drill Pipe (ft.)							
Sacks of Cement To Be Used (each plug)	30	80	25	20	10	10	
Slurry Volume To Be Pumped (cu. Ft.)							
Calculated Top of Plug (ft.)	5567'	4894'	2000'	255'	surface	surface	
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8	15.8	15.8	15.8	
Type Cement or Other Material (Class III)	Class G						

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)			
From	To	From	To
no open holes			

Estimated Cost to Plug Wells \$18,000

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print) Bill Pennington / Chief Executive Officer	SIGNATURE 	DATE SIGNED Dec. 5, 2000
---	---------------	-----------------------------

Odekirk Spring #15-36-8-17

Spud Date: 07/22/00
 Put on Prod: 08/29/00
 GL: 5014' KB: 5024'

Initial Production: 116 BOPD,
 31 MCFPD, 5 BWPD.

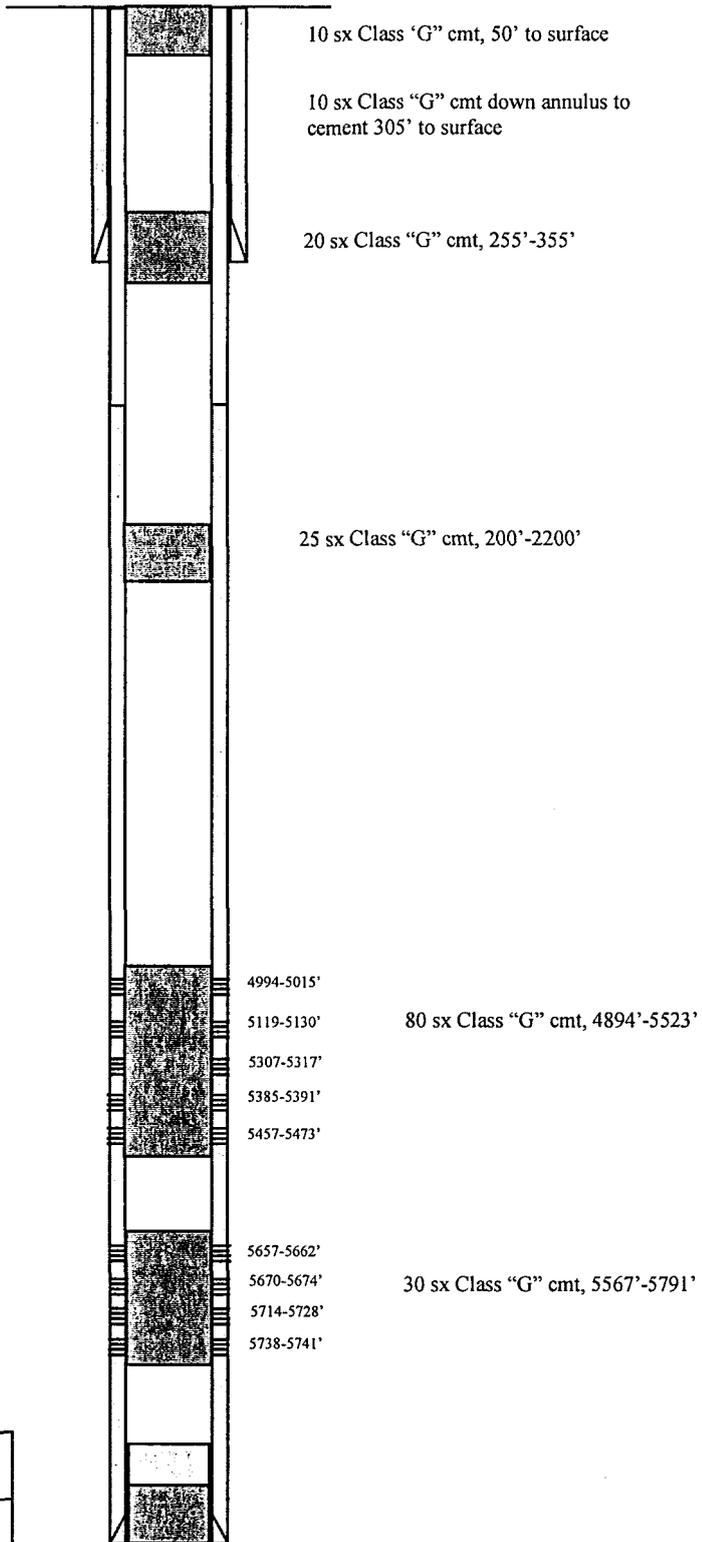
Proposed Plug & Abandon Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.45')
 DEPTH LANDED: 305.45' (GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 SXS Class "G" with 2% CaCl2

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5856.88')
 DEPTH LANDED: 5845'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 425 sxs PremLite 2 and 500 sx 50/50 Pozmix



Inland Resources Inc.
 Odekirk Spring #15-36-8-17
 722.5' FSL and 1983' FEL
 SWSE Section 36-T8S-R17E
 Uintah Co, Utah
 API #43-047-33199; Lease #ML-44305

ATTACHMENT **A-3**

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 224' plug from 5567'-5791' with 30 sxs Class "G" cement.
2. Plug #2 Set 629' plug from 4894'-5523' with 80 sxs Class "G" cement.
3. Plug #3 Set 200' plug from 2000'-2200' with 25 sxs Class "G" cement.
4. Plug #4 Set 100' plug from 255'-355' with 20 sxs Class "G" cement (50' above and 50' below casing shoe).
5. Plug #5 Set 50' plug from surface with 10 sxs Class "G" cement.
6. Plug #6 Pump 10 sxs Class "G" cement down the 8-7/8" x 5-1/2" annulus to cement 305' to surface.

ATTACHMENT R
NECESSARY RESOURCES

Submit evidence such as a surety bond or financial statement to verify that the resources necessary to close, plug, or abandon the well are available.

Inland Production Company demonstrates financial responsibility by submitting annually the 10K financial report.

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Odekirk Spring 15-36-8-17
Location: 36/8S/17E **API:** 43-047-33199

Ownership Issues: The proposed well is located on land owned by the State of Utah. The well is located in the Odekirk Springs Secondary Recovery Project. Lands in the one-half mile radius of the well are administered by the State of Utah and the BLM. Inland and various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Odekirk Springs Secondary Recovery Project. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 305 feet and is cemented to surface. A 5 ½ inch production casing is set at 5845 feet and has a cement top at 610 feet. A 2 7/8 inch tubing with a packer will be set at 4950 feet. A mechanical integrity test will be run on the well prior to injection. There are 4 producing or injection wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 100 feet. Injection shall be limited to the interval between 4994 feet and 5741 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 15-36-8-17 well is .748 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1561 psig. The requested maximum pressure is 1561 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Odekirk Springs Secondary Recovery Project on December 6, 2000. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill

Date: 02/06/2001



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

February 6, 2001

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Odekirk Springs Secondary Recovery Project Well: Odekirk Spring 15-36-8-17, Section 36, Township 8 South, Range 17 East, Uintah County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton
SITLA, Salt Lake City



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

ODEKIRK SPRING 36

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ODEKIRK SPRING 4-36-8-17	36	080S	170E	4304732764	13055	State	OW	P
ODEKIRK SPRING 6-36-8-17	36	080S	170E	4304733013	13055	State	OW	P
ODEKIRK SPRING 5-36-8-17	36	080S	170E	4304733014	13055	State	WI	A
ODEKIRK SPRING 3-36-8-17	36	080S	170E	4304733015	13055	State	WI	A
ODEKIRK SPRING 14-36-8-17	36	080S	170E	4304733075	13055	State	OW	P
ODEKIRK SPRING 11-36-8-17	36	080S	170E	4304733077	13055	State	WI	A
ODEKIRK SPRING 7-36-8-17	36	080S	170E	4304733078	13055	State	WI	A
ODEKIRK SPRING 2-36-8-17	36	080S	170E	4304733079	13055	State	OW	P
ODEKIRK SPRING 1-36-8-17	36	080S	170E	4304733195	13055	State	WI	A
ODEKIRK SPRING 8-36-8-17	36	080S	170E	4304733196	13055	State	OW	P
ODEKIRK SPRING 9-36-8-17	36	080S	170E	4304733197	13055	State	WI	A
ODEKIRK SPRING 10-36-8-17	36	080S	170E	4304733198	13055	State	OW	P
ODEKIRK SPRING 15-36-8-17	36	080S	170E	4304733199	13055	State	OW	P
ODEKIRK SPRING 16-36-8-17	36	080S	170E	4304733200	13055	State	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005

3. Bond information entered in RBDMS on: 2/28/2005

4. Fee/State wells attached to bond in RBDMS on: 2/28/2005

5. Injection Projects to new operator in RBDMS on: 2/28/2005

6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

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

5. LEASE DESIGNATION AND SERIAL NUMBER: ML44305
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: ODEKIRK SPRING UNIT
8. WELL NAME and NUMBER: ODEKIRK SPRING 15-36-8-17
9. API NUMBER: 4304733199
10. FIELD AND POOL, OR WILDCAT: Monument Butte
COUNTY: Uintah
STATE: Utah

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, 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	
2. NAME OF OPERATOR: Newfield Production Company	
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052	PHONE NUMBER 435.646.3721
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 723 FSL 1983 FEL	
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/SE, 36, T8S, R17E	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	SubDate	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<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"/> TEMPORARITLY 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 FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/05/2005	<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/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" 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.

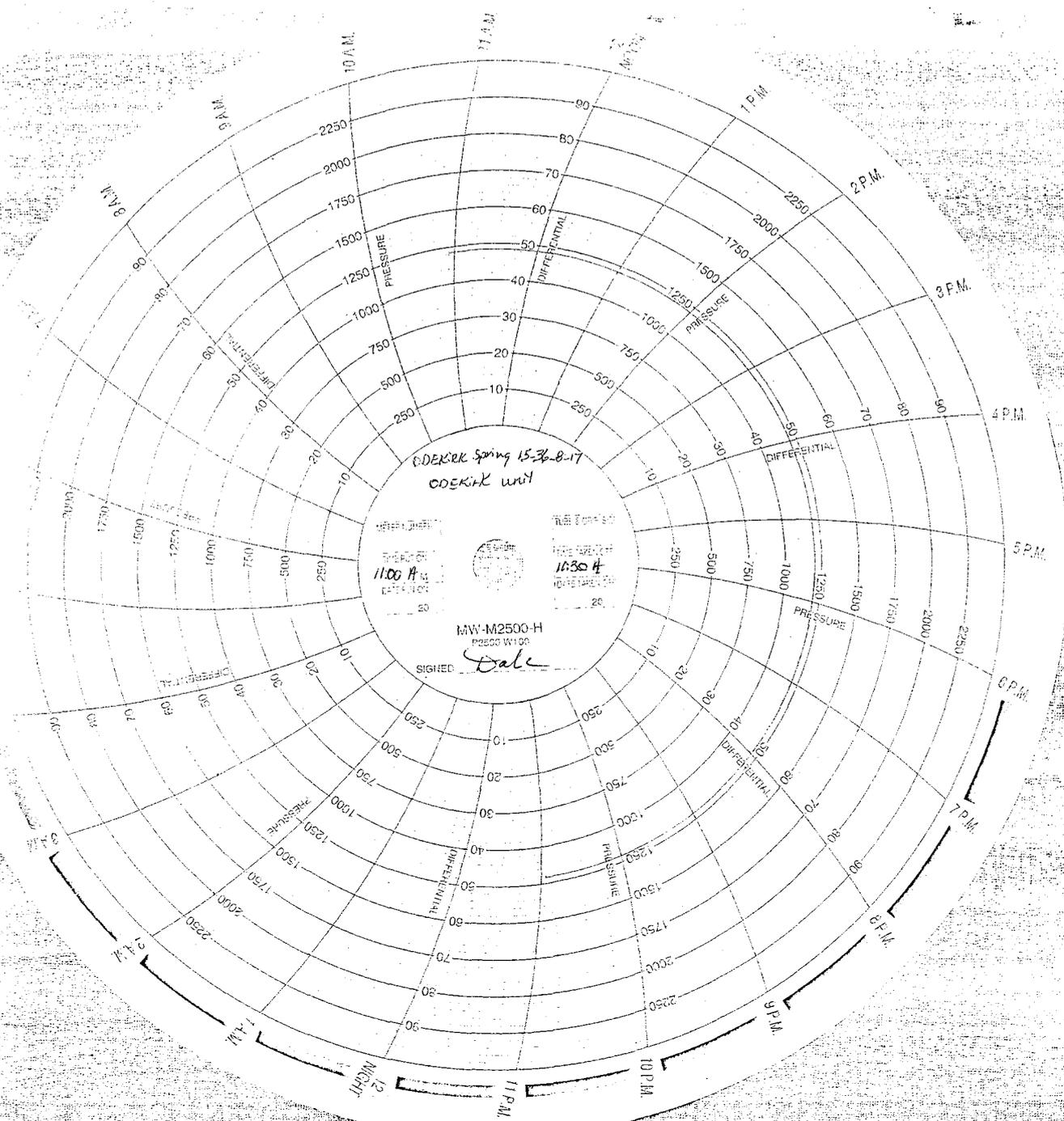
The subject well was converted from a producing to an injection well on 4/7/05. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly 4901'. On 4/15/04 Mr. Dan Jackson w/EPA was notified of the intent to conduct a MIT on the casing. On 4/20/05 the casing was pressured to 1210 psi w/no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) <u>Krishna Russell</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u><i>Krishna Russell</i></u>	DATE <u>05/05/2005</u>

(This space for State use only)

RECEIVED
MAY 09 2005
DIV. OF OIL, GAS & MINING



Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 4 / 22 / 2005
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Qlekirk Spring 15-36-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Qlekirk unit</u>		
Location: _____	Sec: <u>36</u> T <u>8</u> N <u>15</u> R <u>17</u> (E) W	County: <u>Uintah</u> State: <u>Ut</u>
Operator: _____		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>100</u> psig	psig	psig
End of test pressure	<u>100</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1210</u> psig	psig	psig
5 minutes	<u>1210</u> psig	psig	psig
10 minutes	<u>1210</u> psig	psig	psig
15 minutes	<u>1210</u> psig	psig	psig
20 minutes	<u>1210</u> psig	psig	psig
25 minutes	<u>1210</u> psig	psig	psig
30 minutes	<u>1210</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML44305

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, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
ODEKIRK SPRING UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER Injection well

8. WELL NAME and NUMBER:
ODEKIRK SPRING 15-36-8-17

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4304733199

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 723 FSL 1983 FEL

COUNTY: Uintah

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SE, 36, T8S, R17E

STATE: Utah

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<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"/> TEMPORARITLY 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 FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/24/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put Well on Injection
	<input checked="" 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.

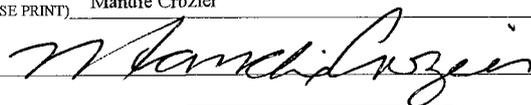
The above referenced well was put on injection at 11:00 a.m. on 6/24/05.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Mandie Crozier

TITLE Regulatory Specialist

SIGNATURE



DATE 06/27/2005

(This space for State use only)

RECEIVED

JUN 29 2005

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML44305

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, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
ODEKIRK SPRING UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER Injection well

8. WELL NAME and NUMBER:
ODEKIRK SPRING 15-36-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304733199

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 723 FSL 1983 FEL

COUNTY: Uintah

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/SE, 36, T8S, R17E

STATE: Utah

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/27/2006	<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"/> TEMPORARITLY 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 FLAIR
	<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/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<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.

A step rate test was conducted on the subject well on March 24, 2006. Results from the test indicate that the fracture gradient is .716 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1405 psi.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Cheyenne Batemen

TITLE Well Analyst Foreman

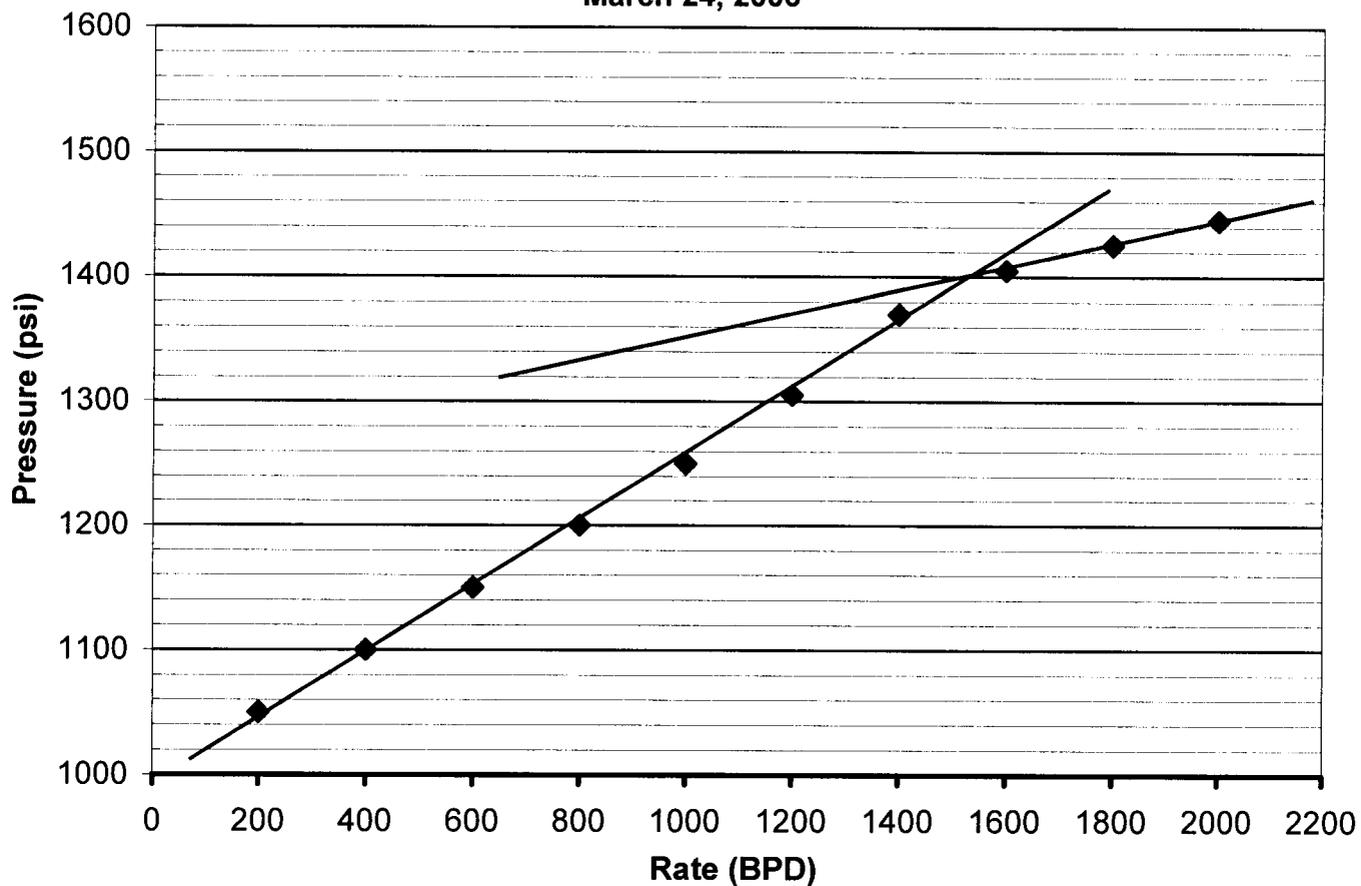
SIGNATURE 

DATE 03/27/2006

(This space for State use only)

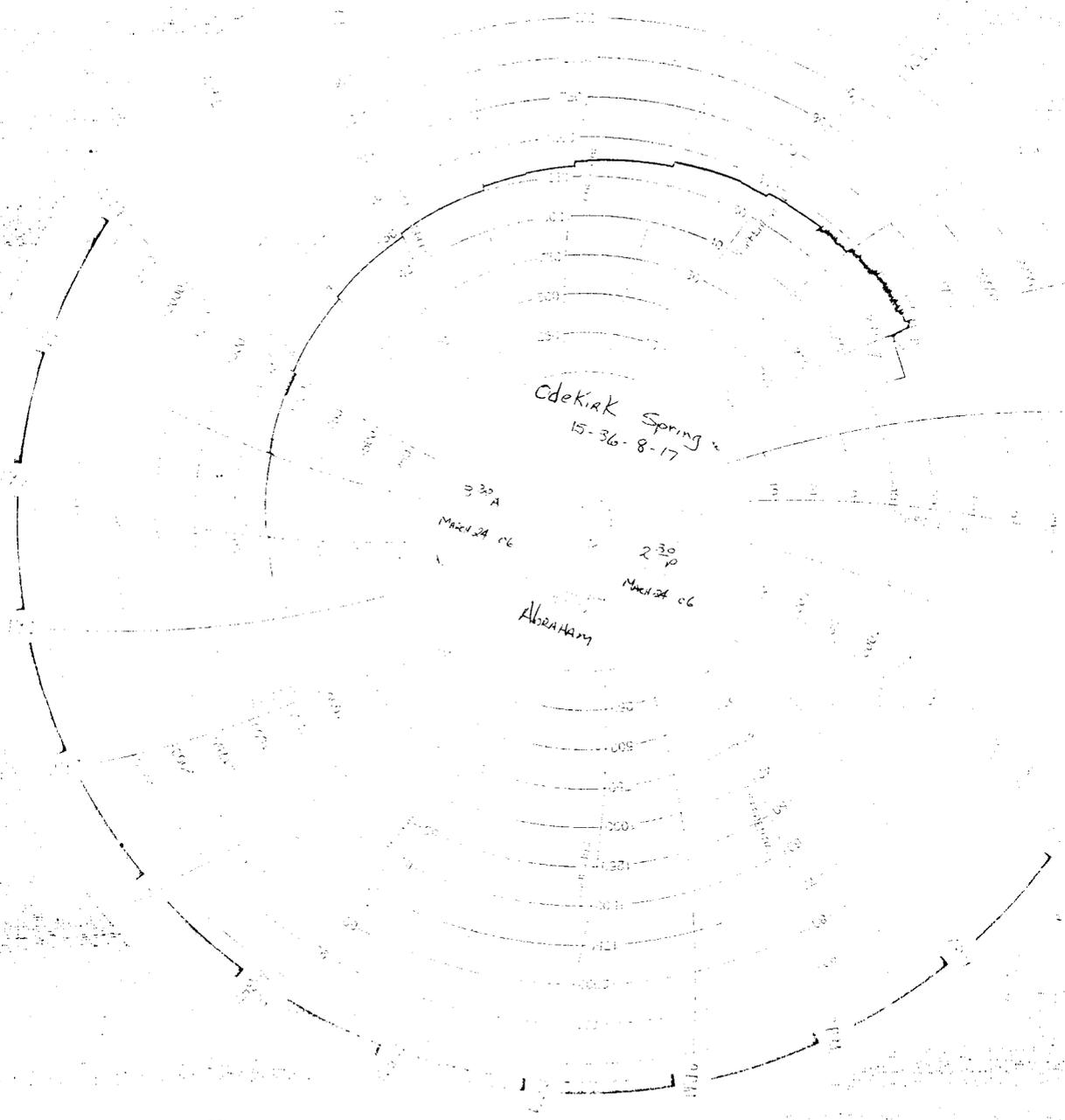
MAR 29 2006

Odekirk Spring State 15-36-8-17
Odekirk Spring Unit
Step Rate Test
March 24, 2006



Start Pressure: 1045 psi
Instantaneous Shut In Pressure (ISIP): 1410 psi
Top Perforation: 4994 feet
Fracture pressure (Pfp): 1405 psi
FG: 0.716 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	200	1050
2	400	1100
3	600	1150
4	800	1200
5	1000	1250
6	1200	1305
7	1400	1370
8	1600	1405
9	1800	1425
10	2000	1445



CdeKirk Spring
15-36-8-17

3 30 A
Mudst c6

2 30
Mudst c6

ABRAHAM

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-44305

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
ODEKIRK SPRING 15-36-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304733199

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 723 FSL 1983 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 36, T8S, R17E

STATE: UT

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 _____	<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"/> TEMPORARITLY 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 FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/13/2010	<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/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<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.

On 04/06/2010 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 04/12/2010. On 04/13/2010 the casing was pressured up to 1000 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1330 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20907-04615 API# 43-047-33199

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 04/14/2010

(This space for State use only)

**RECEIVED
APR 20 2010
DIV. OF OIL, GAS & MINING**

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 4/13/10
 Test conducted by: Austin Harrison
 Others present: _____

Well Name: <u>DEKOR Spring 15-36-S-17</u>	Type: ER SWD	Status: AC TA UC
Field: _____		
Location: _____	Sec: <u>36 T 8 N(S) R 17(E) W</u>	County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>NEWFIELD PRODUCTION CO.</u>		
Last MIT: <u>1/1/</u>	Maximum Allowable Pressure: <u>1405</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 87 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1330</u> psig	psig	psig
End of test pressure	<u>1330</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1000</u> psig	psig	psig
5 minutes	<u>1000</u> psig	psig	psig
10 minutes	<u>1000</u> psig	psig	psig
15 minutes	<u>1000</u> psig	psig	psig
20 minutes	<u>1000</u> psig	psig	psig
25 minutes	<u>1000</u> psig	psig	psig
30 minutes	<u>1000</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

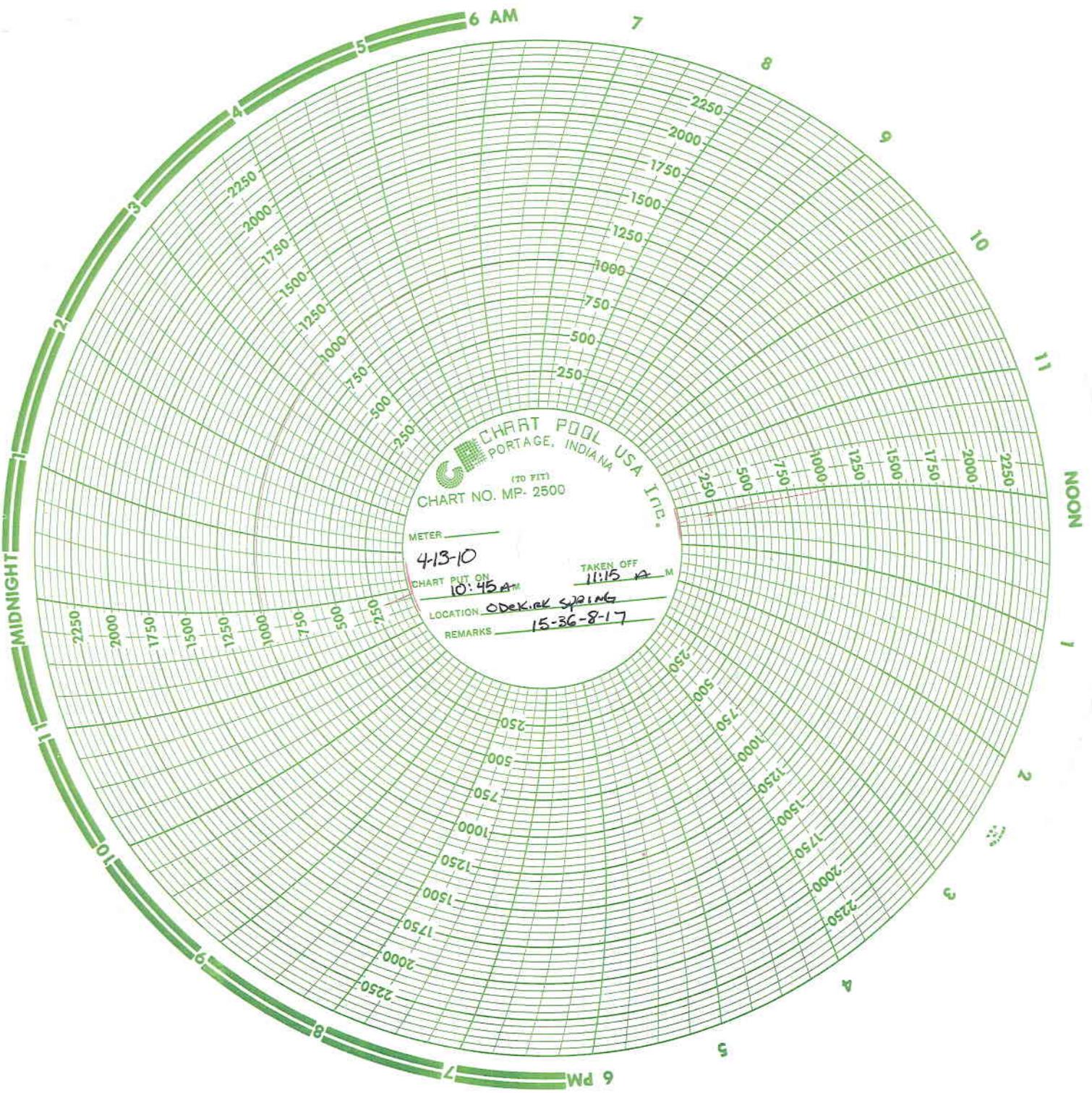


CHART POOL USA Inc.
PORTAGE, INDIANA
(70 FIT)
CHART NO. MP- 2500

METER _____
413-10

CHART PUT ON 10:45 AM
TAKEN OFF 11:15 AM

LOCATION ODEKICK SPRING

REMARKS 15-36-8-17

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: ML-44305	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: ODEKIRK SPRING 15-36-8-17	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43047331990000	
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0723 FSL 1983 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 36 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: UINTAH	
		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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text" value="5 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 03/17/2015 the casing was pressured up to 1133 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1420 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04615			
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 24, 2015	
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 3/23/2015	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 3 / 17 / 2015
 Test conducted by: Troy Lazenby
 Others present: _____

Well Name: <u>Odekirk Spring 15-36-8-17</u>	Type: ER SWD	Status: AC TA UC	<u>0465</u>
Field: <u>Monument Butte</u>			
Location: <u>SW/SE</u> Sec: <u>36</u> T <u>8</u> N / <u>S</u> R <u>17</u> <u>E</u> W	County: <u>Wintah</u>	State: <u>UT</u>	
Operator: <u>NEWFIELD EXPLORATION</u>			
Last MIT: <u> / / </u>	Maximum Allowable Pressure: <u>1436</u>		PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 0 bpd

Pre-test casing/tubing annulus pressure: 0 / 1420 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1420</u> psig	psig	psig
End of test pressure	psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1132</u> psig	psig	psig
5 minutes	<u>1132</u> psig	psig	psig
10 minutes	<u>1132</u> psig	psig	psig
15 minutes	<u>1133</u> psig	psig	psig
20 minutes	<u>1133</u> psig	psig	psig
25 minutes	<u>1133</u> psig	psig	psig
30 minutes	<u>1133</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

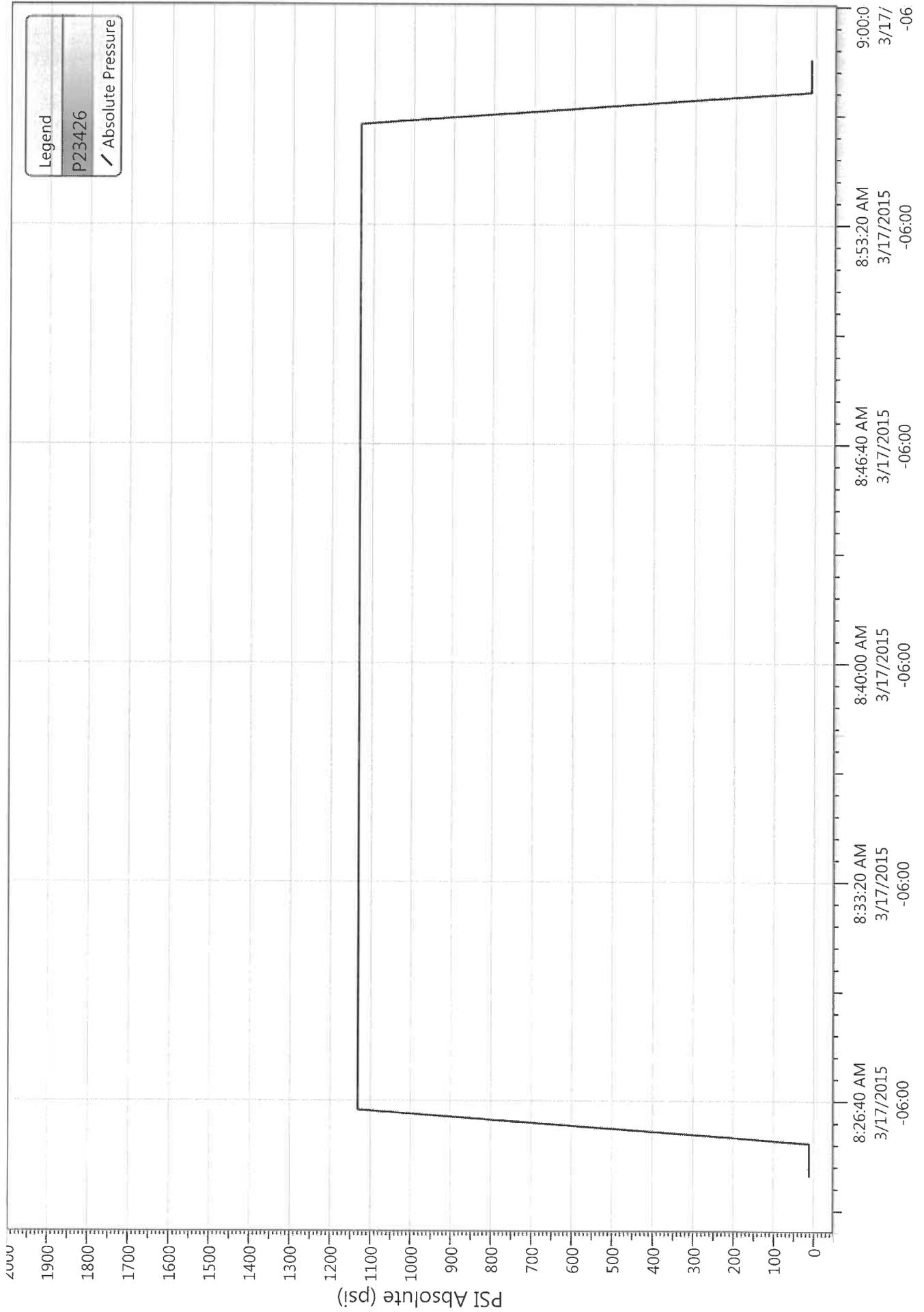
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Odekirk spring 15-36-8-17 (5 year)

3/17/2015 8:23:39 AM



Legend

P23426

✓ Absolute Pressure

Odekirk Spring 15-36-8-17

Spud Date: 07/23/00
 Put on Prod: 08/29/00
 GI: 5014' KB: 5024'

Initial Production: 116 BOPD,
 31 MCFPD, 5 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.45')
 DEPTH LANDED: 305.45' (GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 SXS Class "G", est 3 bbls cmt to surf

PRODUCTION CASING

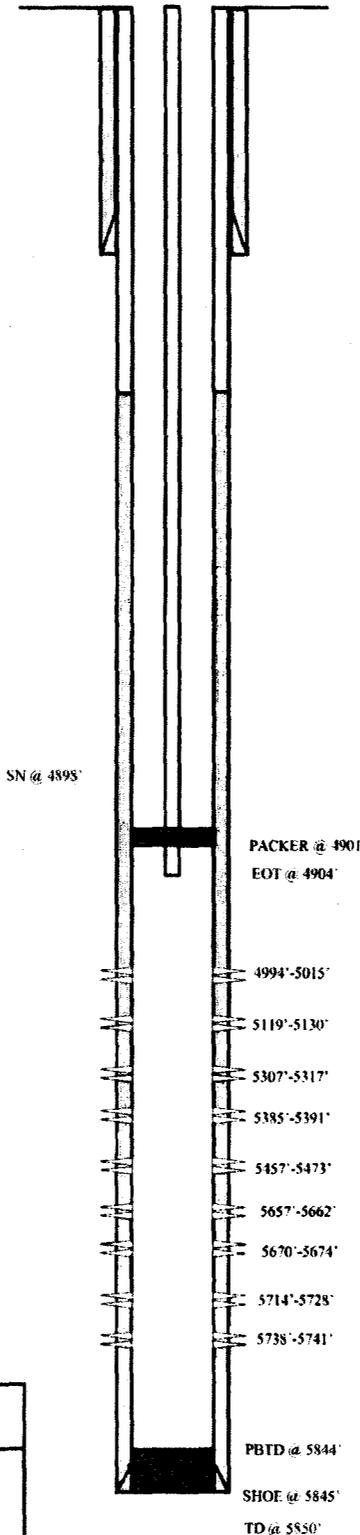
CSG SIZE: 4-1/2"
 GRADE: J-55
 WEIGHT: 15.5# **11.6#**
 LENGTH: 140 jts. (5856.88')
 DEPTH LANDED: 5844.72' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 425 sxs Premulite II and 500 sxs 50:50 Pozmix
 IOC @ 580' per CBL

TUBING

SIZE/GRADE/WT: 2-3/8", J-55, 4.7#
 NO. OF JOINTS: 151 jts. (4886.45')
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 4897.58' KB
 PACKER: 4900.58' KB
 TOTAL STRING LENGTH: 4904.30' KB

INJECTOR

Wellbore Diagram



FRAC JOB

08/22/00 5657'-5741' **Frac CP sands as follows:**
 78,373# of 20/40 sand in 497 bbls Viking I-25 fluid. Treated @ avg rate of 34 BPM w/avg press of 2200 psi. ISIP 1610 psi. Calc flush: 5655 gal. Actual flush: 3633 gal.

08/22/00 5457'-5473' **Frac LODC sands as follows:**
 50,000# 20/40 sand in 374 bbls Viking I-25 fluid. Treated @ avg press of w/avg rate of 30.3 BPM. ISIP 1650 psi. Calc flush: 5455 gal. Actual flush: 3511 gal.

08/24/00 5307'-5391' **Frac A & upper LDC sands as follows:**
 134,320# 20/40 sand in 787 bbls Viking I-25 fluid. Treated @ avg press of 2010 w/avg rate of 32 BPM. ISIP 1750 psi. Calc flush: 5305 gal. Actual flush: 3372 gal.

8/24/00 4994'-5130' **Frac B and C sands as follows:**
 81,820# 20/40 sand in 546 bbls Viking I-25 fluid. Treated @ avg press of 1700 psi w/avg rate of 30 BPM. ISIP 1575 psi. Calc flush: 4992 gal. Actual flush: 3150 gal.

12/04/02 **Pump change.** Update rod and tubing details

05/10/04 **Parted polish rod.** Pump change. Update rod details.

04/07/05 **Converted to injector.**

04/13/10 **5 VR MIT**

PERFORATION RECORD

Date	Interval	SPF	Shots
8/22/00	5738'-5741'	4 SPF	12 shots
8/22/00	5714'-5728'	4 SPF	56 shots
8/22/00	5670'-5674'	4 SPF	16 shots
8/22/00	5657'-5662'	4 SPF	20 shots
8/22/00	5457'-5473'	4 SPF	56 shots
8/23/00	5385'-5391'	1 SPF	6 shots
8/23/00	5307'-5317'	2 SPF	20 shots
8/24/00	5119'-5130'	4 SPF	44 shots
8/24/00	4994'-5015'	4 SPF	84 shots

NEWFIELD

Odekirk Spring #15-36-8-17

723' FSL and 1983' FFI

SWSE Section 36-T8S-R17E

Utah Co. Utah

API #43-047-33199; Lease #ML-44305