STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: **ML-44305**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL

OIL [X] GAS [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: **Odekirk Spring**

2. NAME OF OPERATOR: **Inland Production Company**

9. WELL NO.: **#2-36-8-17**

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: **NW/NE** 2136 618
At proposed Producing Zone: **781' FNL & 2062' FEL**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NW/NE
Sec. 36, T8S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: **16.2 Miles southeast of Myton, Utah**

12. County: **Uintah** 13. STATE: **UT**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest drlg. unit line, if any): **781'**

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.:

19. PROPOSED DEPTH: **6500'**

20. ROTARY OR CABLE TOOLS: **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.): **5039.9' GR**

22. APPROX. DATE WORK WILL START*: **2nd 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 o 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% $CaCl_2$, 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

24. Name & Signature: Cheryl Cameron Title: **Regulatory Compliance Specialist** Date: **2/3/98**

(This space for State use only)

API Number Assigned: 43-047-33079 APPROVAL: 2/19/98

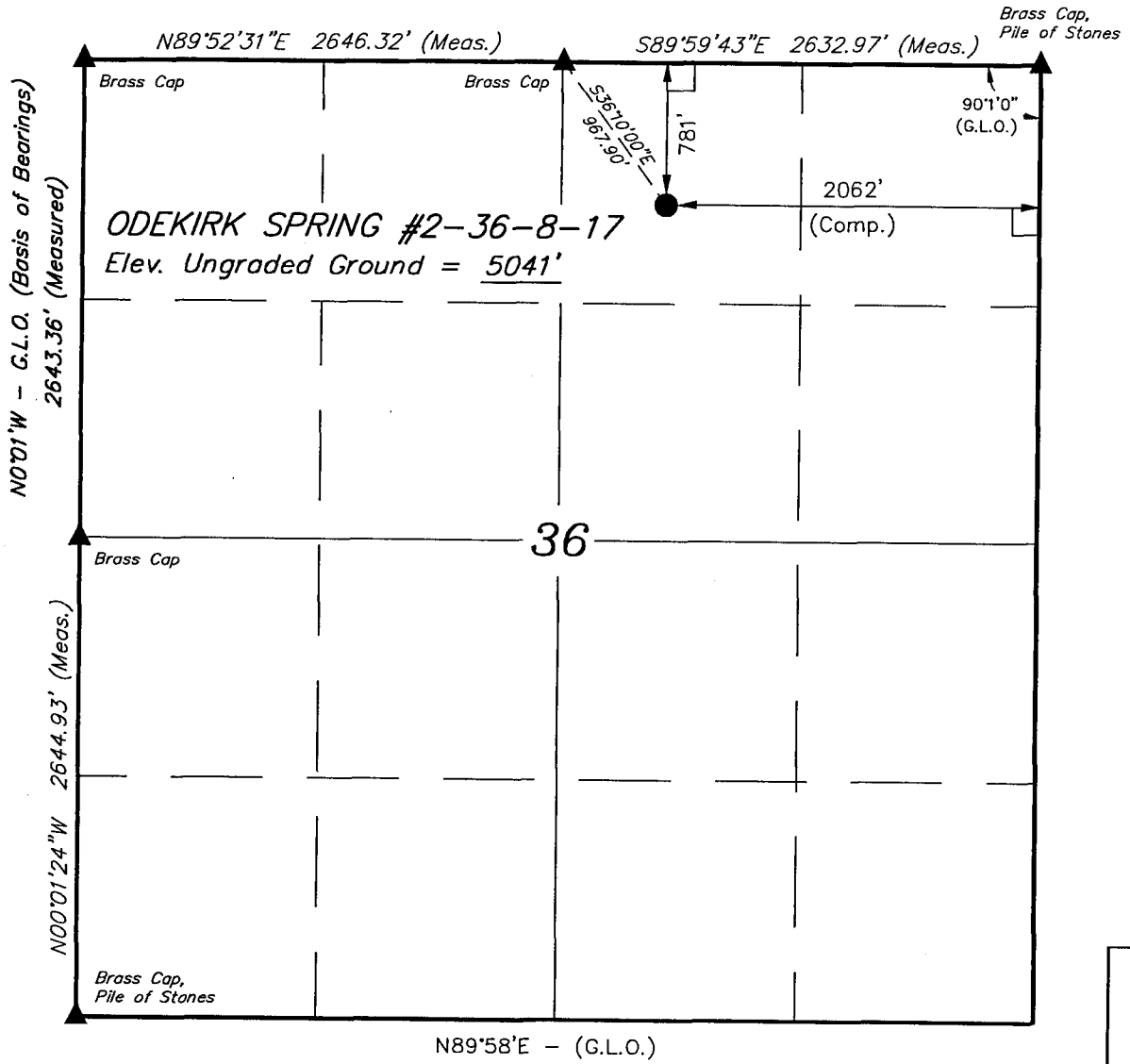
RECEIVED
FEB 17 1998
DIV. OF OIL, GAS & MINING

***See Instructions On Reverse Side**

INLAND PRODUCTION CO.

Well location, ODEKIRK SPRING #2-36-8-17, located as shown in the NW 1/4 NE 1/4 of Section 36, T8S, R17E, S.L.B.&M. Uintah County, Utah.

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

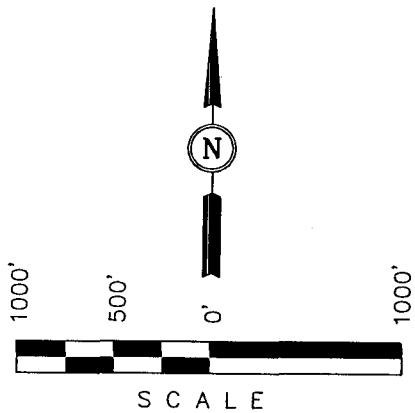


LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 36, T8S, R17E, S.L.B.&M. TAKEN FROM THE PARIETTE DRAW SW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5034 FEET.



CERTIFICATE

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	12-18-97	2-2-98
PARTY: G.S. K.R. J.F. C.B.T.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: INLAND PRODUCTION CO.	

INLAND PRODUCTION COMPANY
ODEKIRK SPRING #2-36-8-17
NW/NE 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' $\pm$, 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 second quarter of 1998, and take approximately six days to drill.

INLAND PRODUCTION COMPANY
ODEKIRK SPRING #2-36-8-17
NW/NE 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 #2-36-8-17 located in the NW ¼ NE ¼ Section 36, T8S, R17E, S.L.B. & M. Uintah County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles ± to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 – 10.6 miles to its junction with an existing dirt road to the northeast; proceed northeasterly along this road – 4.1 miles to its junction with a dirt road to the east; proceed easterly 0.7 miles to the beginning of the proposed access road, to be discussed in 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 200'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 contests 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*

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 #2-36-8-17. 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 west between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the northwest corner between stakes 5 & 6, and on the southeast corner between stakes 3 & 4.

Access to the well pad will be from the east corner, near stake #2.

Corner #8 will be rounded to avoid drainage.

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 #2-36-8-17, 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 #2-36-8-17 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

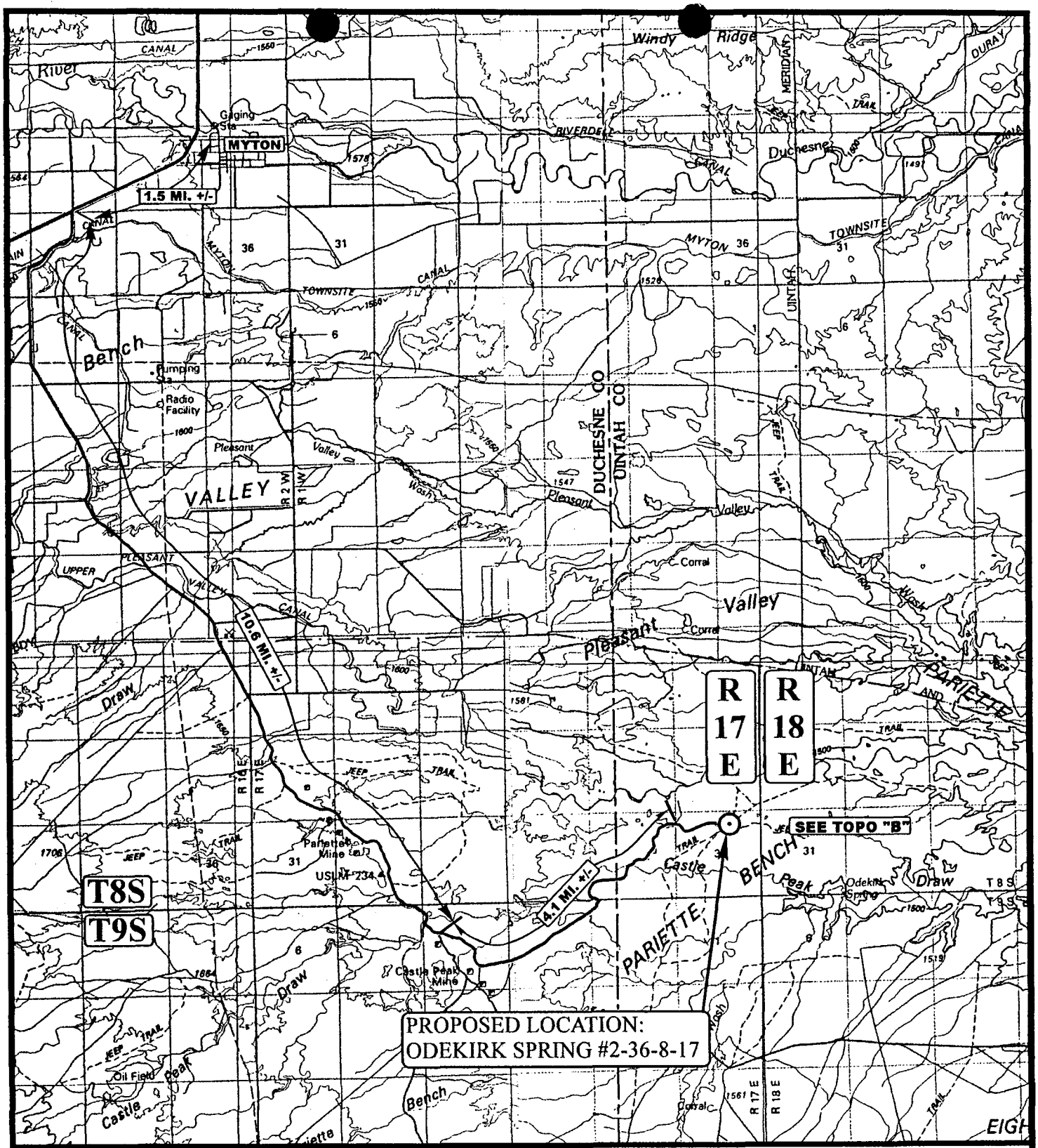
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #2-36-8-17 NW/NE 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.

2/3/98
Date

Cheryl Cameron
Regulatory Compliance Specialist



⊙ PROPOSED LOCATION

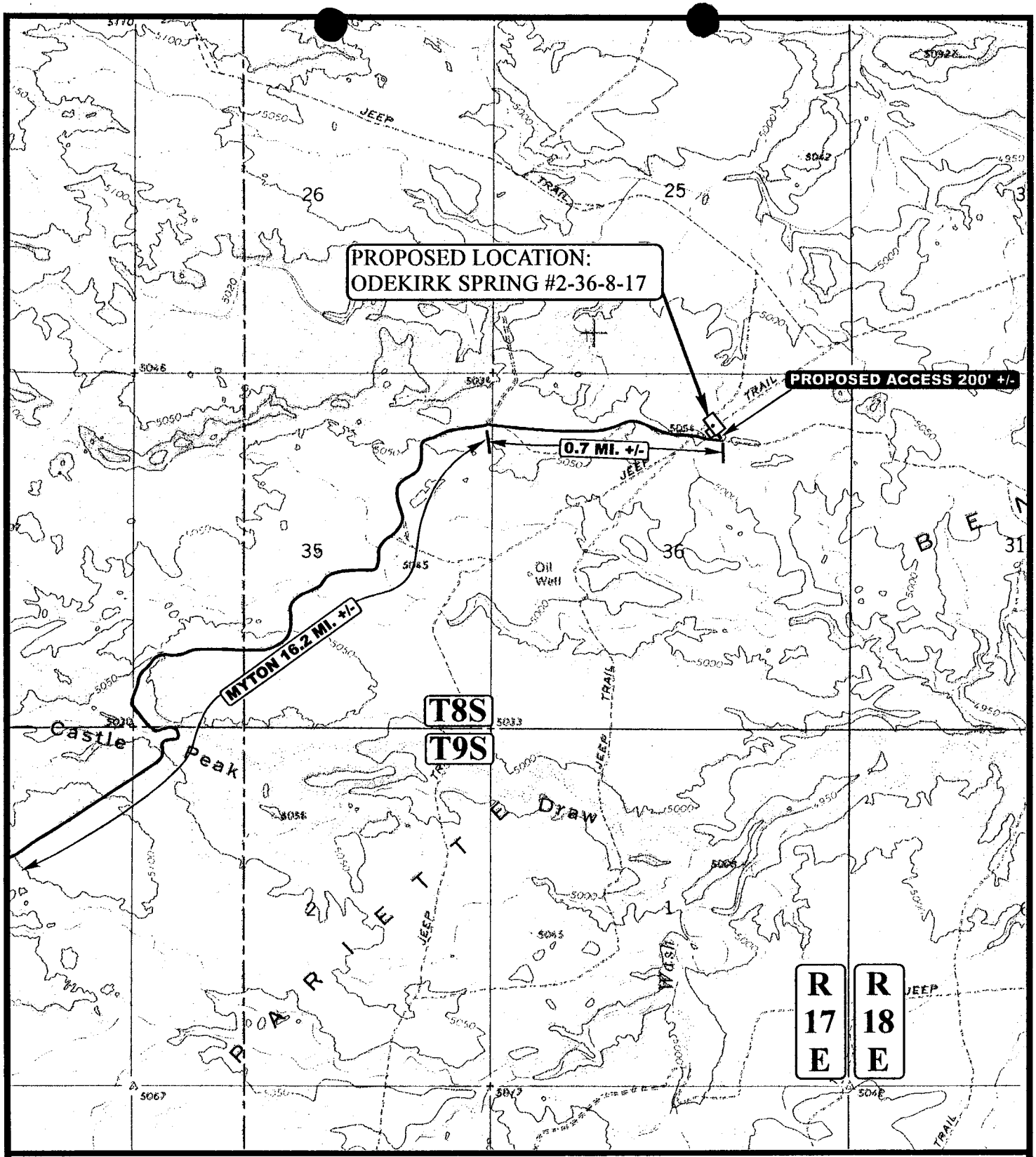
N

INLAND PRODUCTION CO.

ODEKIRK SPRING #2-36-8-17
SECTION 36, T8S, R17E, S.L.B.&M.
781' FNL 2062' FEL

UELS
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	1 MONTH	29 DAY	98 YEAR	A TOPO
SCALE: 1 : 100,000	DRAWN BY: C.G.	REVISED: 00-00-00		



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

N

INLAND PRODUCTION CO.

ODEKIRK SPRING #2-36-8-17

SECTION 36, T8S, R17E, S.L.B.&M.

781' FNL 2062' FEL

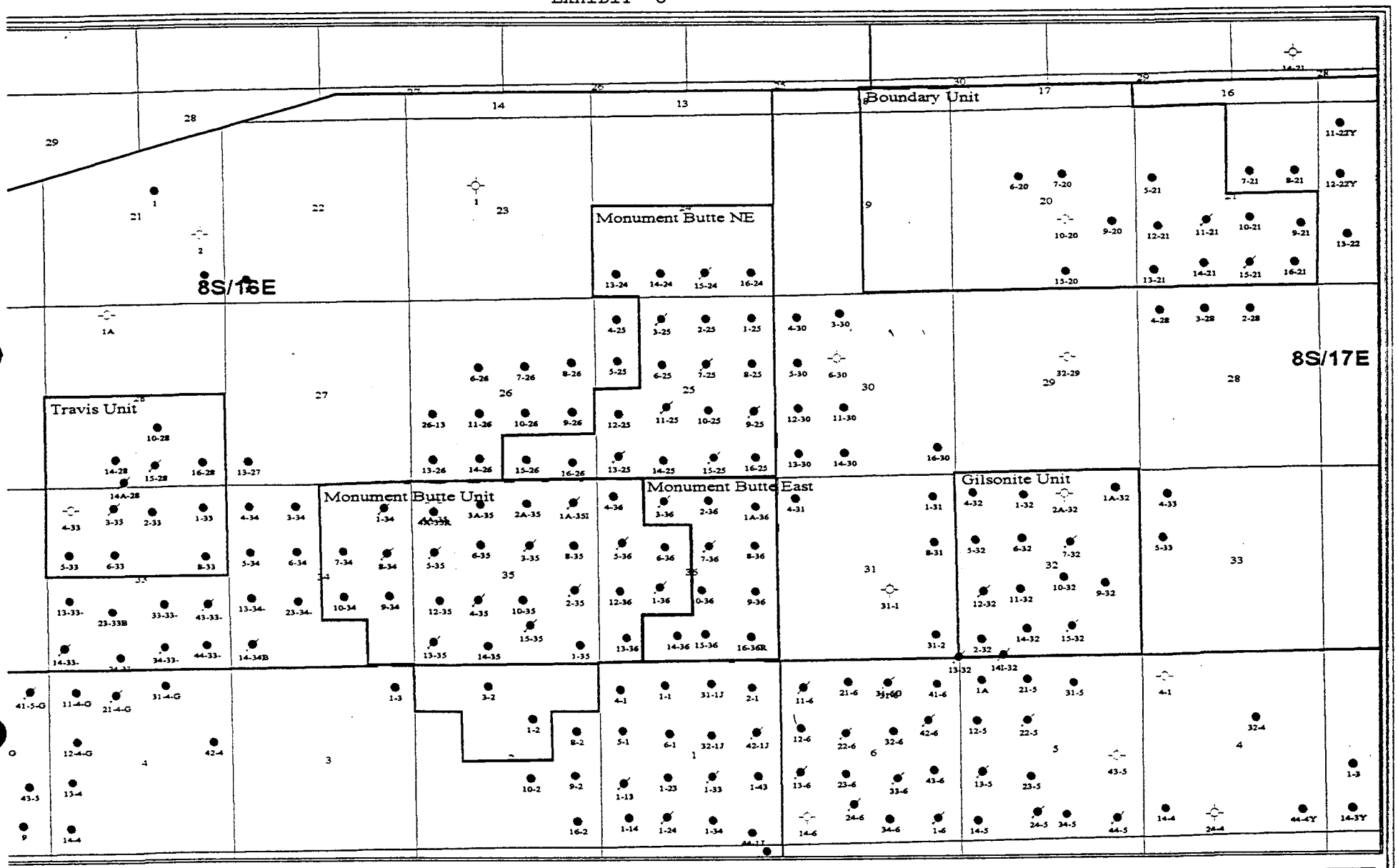
Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	1 MONTH	29 DAY	98 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.G.	REVISED: 00-00-00		

EXHIBIT "C"


Boundary Unit
Monument Butte NE
Monument Butte Unit
Monument Butte East
Gilsonite Unit
Travis Unit
8S/16E
8S/17E
Inland Resources Inc.
475 17th Street Suite 1500
Denver, Colorado 80202
Phone (303)-292-0900
Regional Area
Duchesne County, Utah
Date: 4/18/97
J.A.

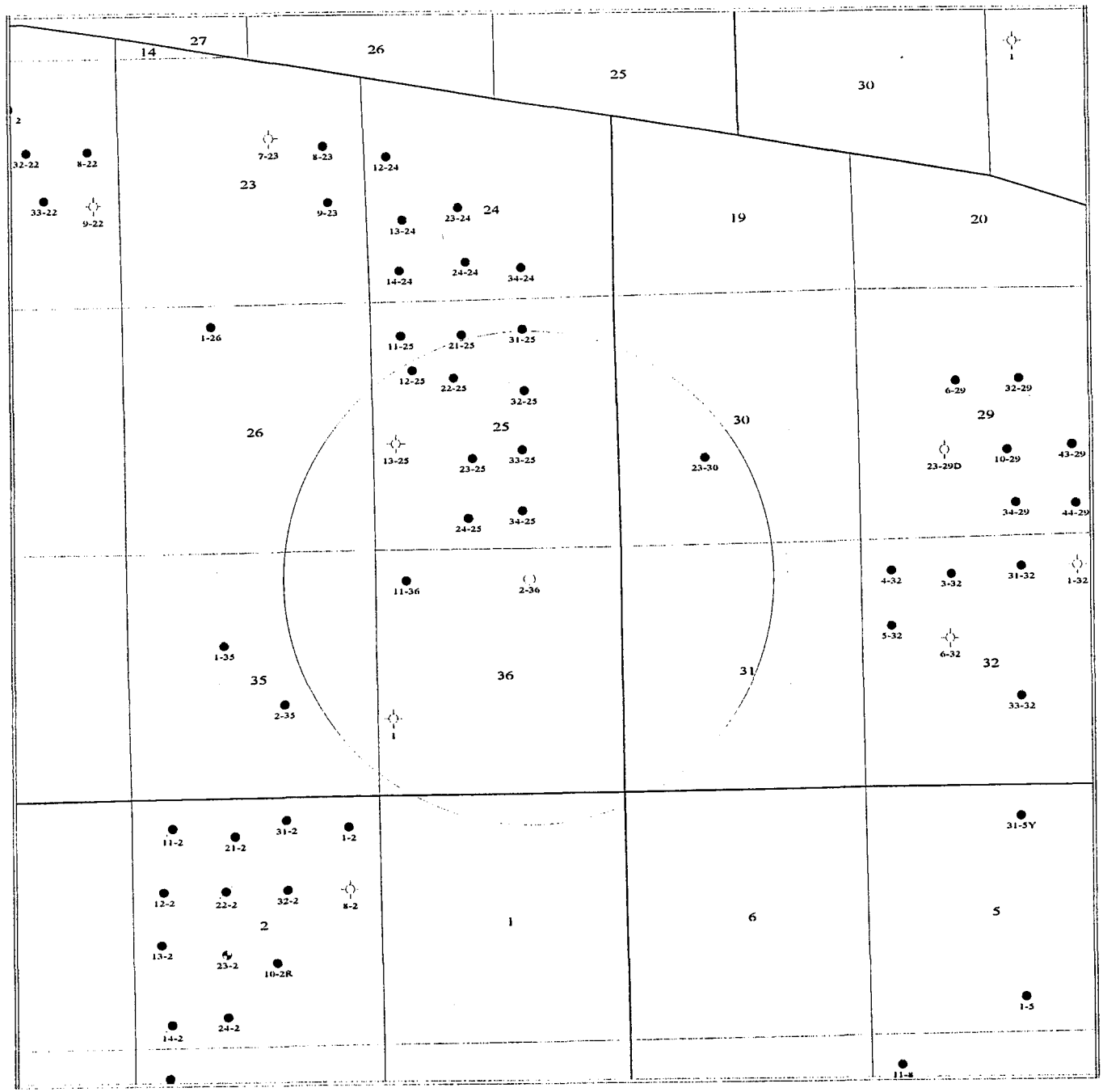


EXHIBIT "D"

INLAND PRODUCTION COMPANY

ONE MILE RADIUS
Odekirk Spring #2-36

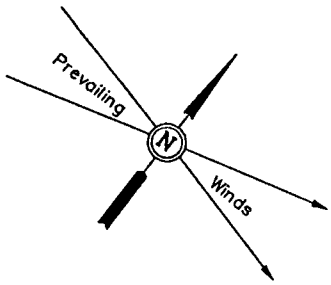
Josh Anderson		2/3/1998
	Scale 1:40044.37	

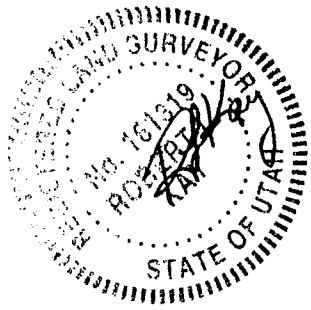
EXHIBIT "E"

INLAND PRODUCTION CO.

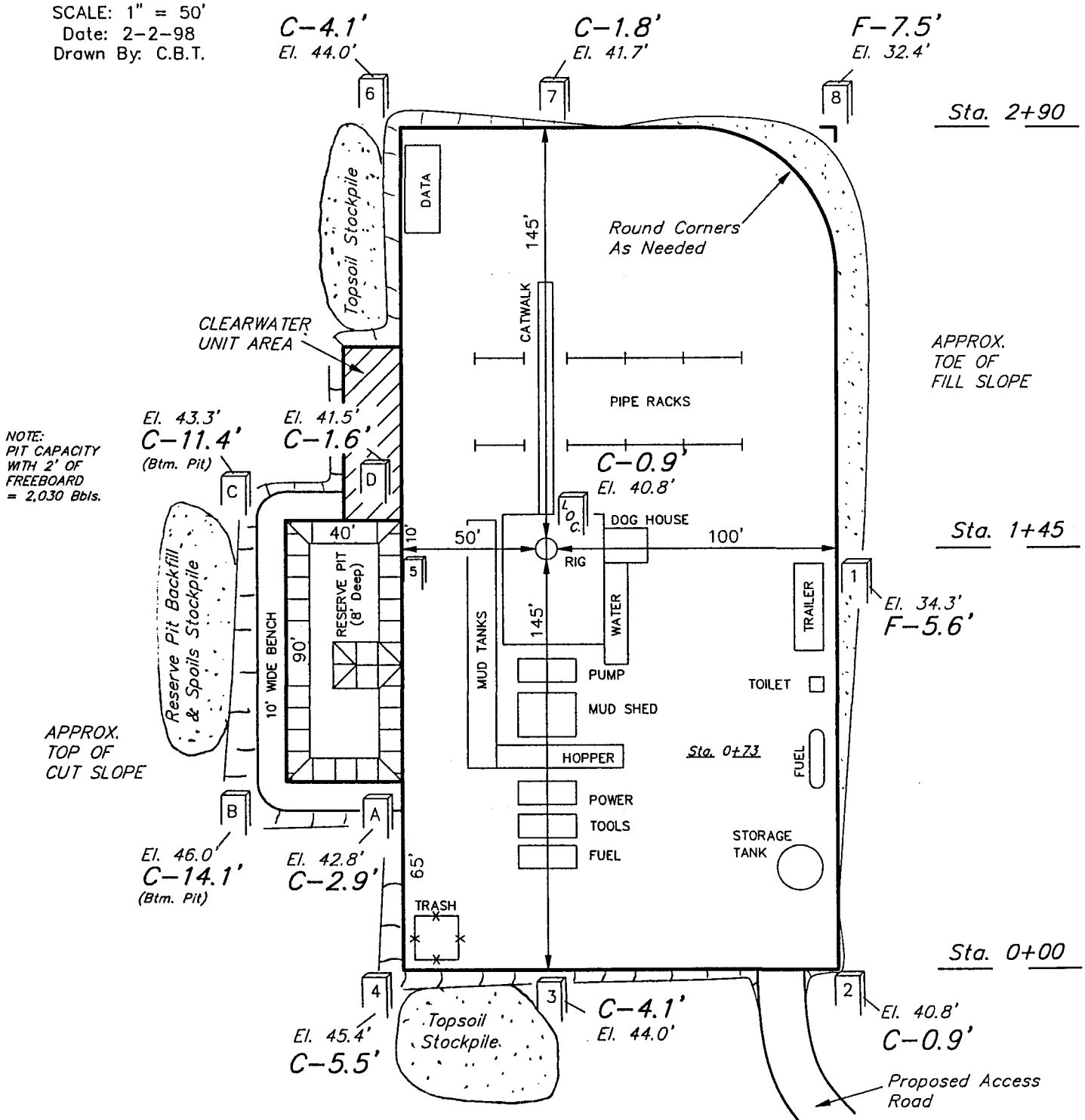
LOCATION LAYOUT FOR

ODEKIRK SPRING #2-36-8-17
SECTION 36, T8S, R17E, S.L.B.&M.
781' FNL 2062' FEL





SCALE: 1" = 50'
Date: 2-2-98
Drawn By: C.B.T.



Elev. Ungraded Ground at Location Stake = 5040.8'
Elev. Graded Ground at Location Stake = 5039.9'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

EXHIBIT "E-1"

INLAND PRODUCTION CO.

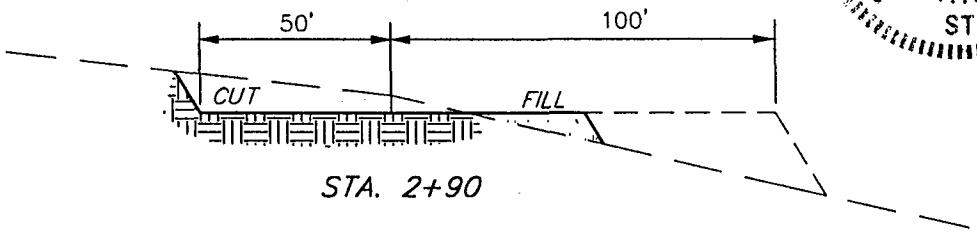
TYPICAL CROSS SECTIONS FOR

ODEKIRK SPRING #2-36-8-17
SECTION 36, T8S, R17E, S.L.B.&M.
781' FNL 2062' FEL

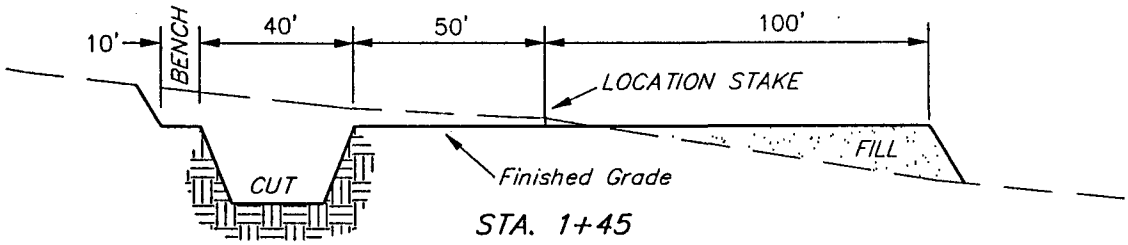
1" = 20'
X-Section Scale
1" = 50'

Date: 2-2-98
Drawn By: C.B.T.

REGISTERED LAND SURVEYOR
No. 161319
STATE OF UTAH



STA. 2+90



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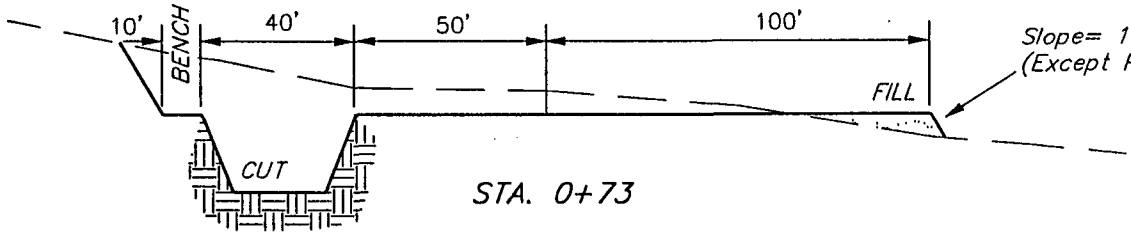

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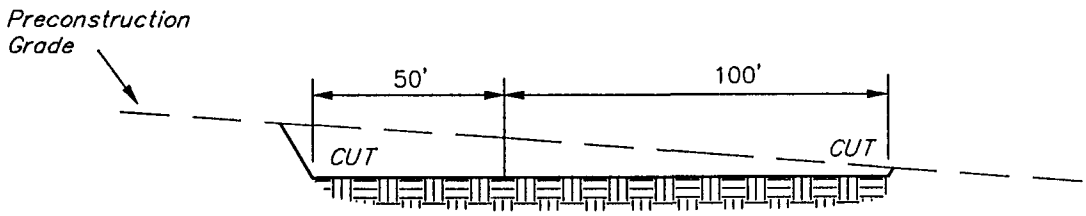


STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

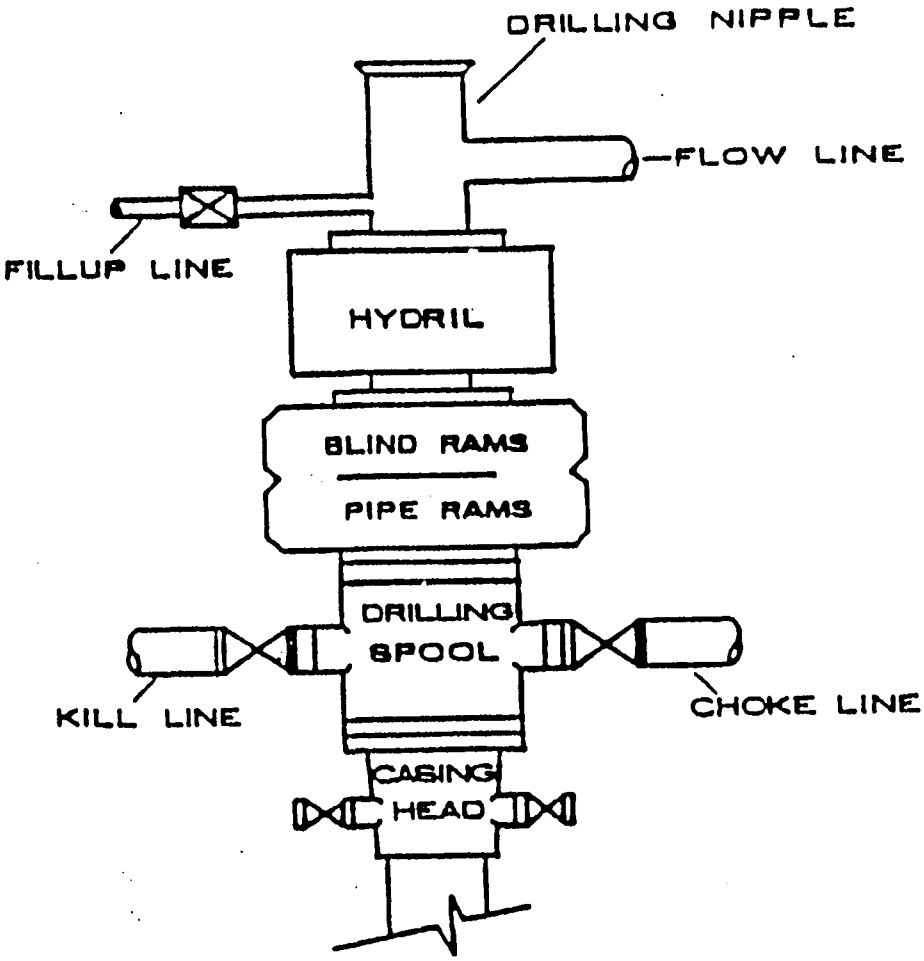
(6") Topsoil Stripping	=	870 Cu. Yds.
Remaining Location	=	3,080 Cu. Yds.
TOTAL CUT	=	3,950 CU.YDS.
FILL	=	2,600 CU.YDS.

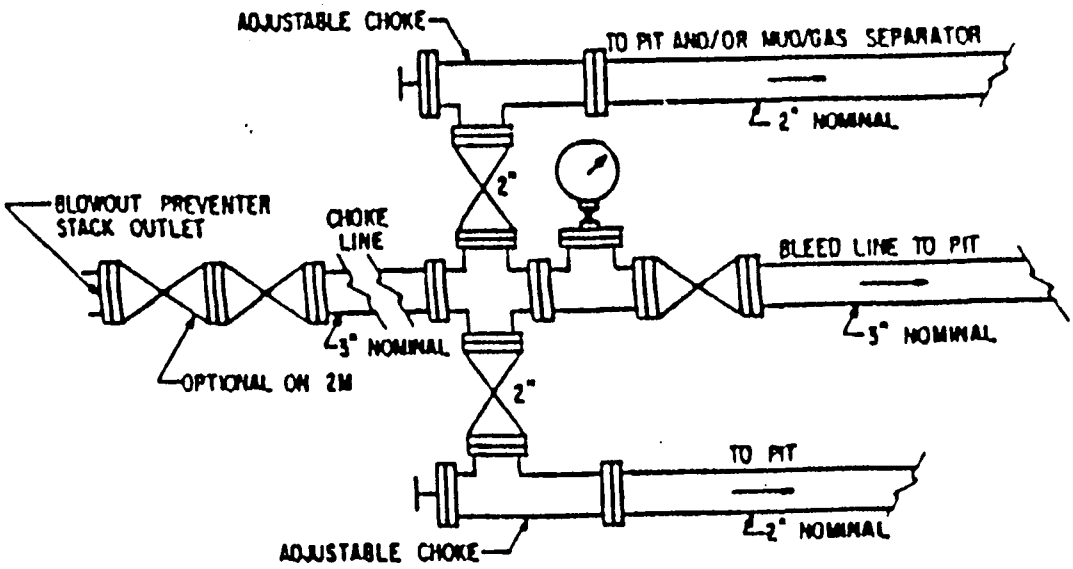
EXCESS MATERIAL AFTER 5% COMPACTION	=	1,210 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,200 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	=	10 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

EXHIBIT "F"

SCHEMATIC DIAGRAM OF 2,000 PSI BOP STACK





WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/17/98

API NO. ASSIGNED: 43-047-33079

WELL NAME: ODEKIRK SPRING 2-36-8-17
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
NWNE 36 - T08S - R17E
SURFACE: 0781-FNL-2062-FEL
BOTTOM: 0781-FNL-2062-FEL
UINTAH COUNTY
EIGHT MILE FLAT NORTH FIELD (590)

LEASE TYPE: STA
LEASE NUMBER: ML - 44305

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: 03/10/98		
TECH REVIEW	Initials	Date
Engineering	JRB	3/20/98
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

✓ Plat
✓ Bond: Federal [] State [✓] Fee []
(Number 4471291)
N Potash (Y/N)
N Oil shale (Y/N)
✓ Water permit
(Number GILSONITE STATE 7-32)
N RDCC Review (Y/N)
(Date:)

LOCATION AND SITING:

___ R649-2-3. Unit: ___

✓ R649-3-2. General.

___ R649-3-3. Exception.

___ Drilling Unit.
Board Cause no: ___
Date: ___

COMMENTS: ___

STIPULATIONS: COMPLIANCE WITH CONDITIONS OUTLINED ON STATEMENT OF BASIS

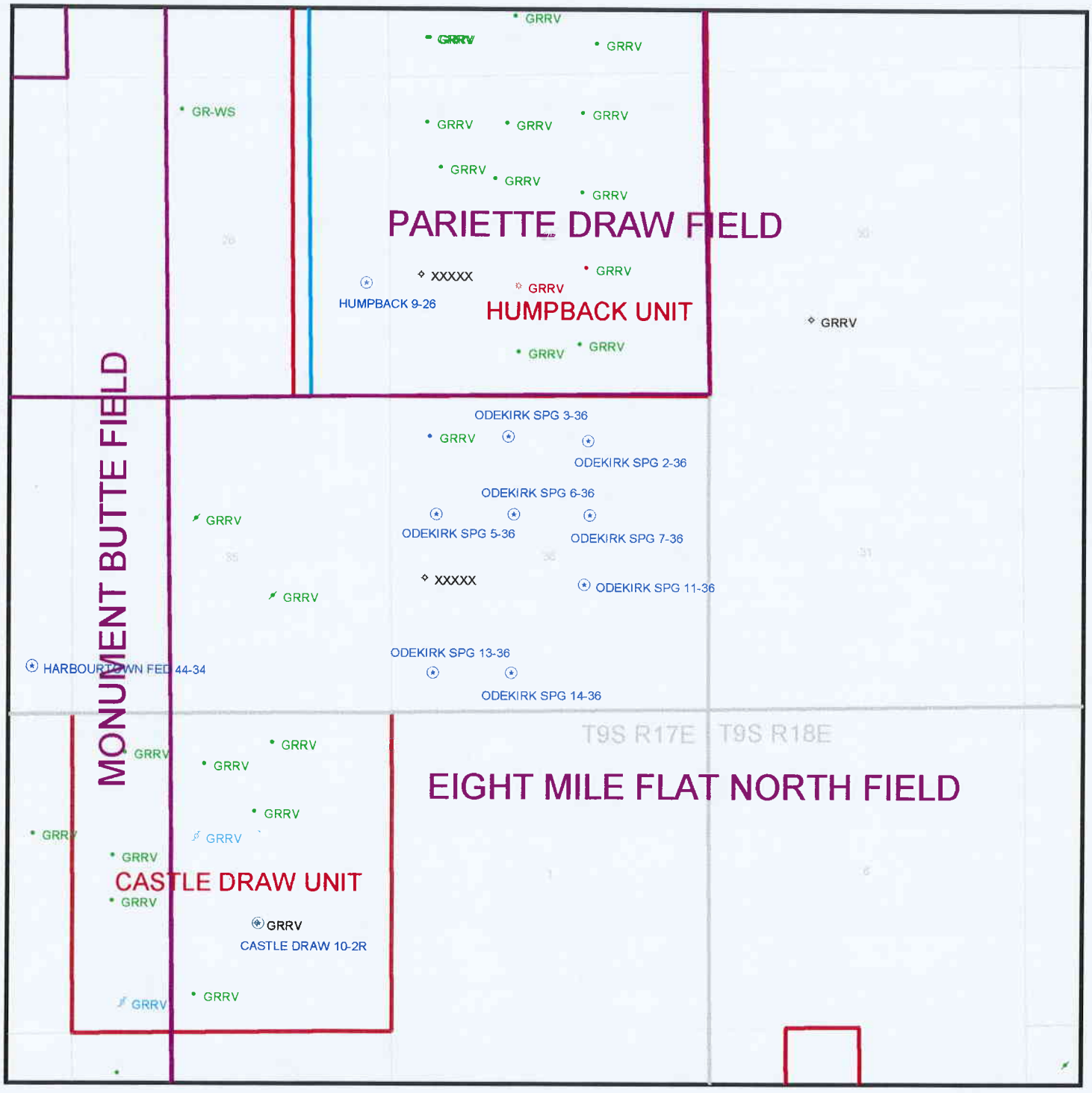
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: PARIETTE DRAW (698)

SEC. 36 TWP. 8S, RNG. 17E,

COUNTY: UINTAH UAC: R649-3-2 STATE SPACING



DATE PREPARED:
18-FEB-1998

DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator: INLAND PRODUCTION COMPANY
Well Name & Number: ODEKIRK SPRING 2-36-8-17
API Number: 43-047-33079
Location: 1/4,1/4 NW/NE Sec. 36 T. 8S R. 17E

Geology/Ground Water:

According to technical publication number 92 the base of moderately saline water may be very near the surface in this area. High quality water may be present in sands near the surface or in isolated sands in the Uinta Formation. This water is generally seasonal and the sands are generally discontinuous. The proposed casing and cement program will adequately protect and isolate any water encountered.

Reviewer: D.Jarvis

Date: 3-13-98

Surface:

THE PRE-SITE INVESTIGATION HAS BEEN PERFORMED BY FIELD PERSONNEL ON 3/3/98. JACK LYTLE WITH THE DIVISION OF WILDLIFE RESOURCES AND ED BONNER WITH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMINISTRATION WERE NOTIFIED ON 2/23/98. NEITHER CHOSE TO ATTEND.

Reviewer: DAVID W. HACKFORD

Date: 3/4/98

Conditions of Approval/Application for Permit to Drill:
1. THE RESERVE PIT MUST BE CONSTRUCTED SOUTH OF WELL BORE.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

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

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SAND WITH SOME BROWN CLAY. SMALL LIGHT RED SHALE ROCKS MIXED WITH SOIL.

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

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

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 40' BY 90' 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: AN ARCHAEOLOGICAL INVESTIGATION HAS BEEN CONDUCTED BY AERC. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

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

ATTACHMENTS

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD — DOGM REPRESENTATIVE

3/3/98 10:00 AM — DATE/TIME

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

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

Final Score 10

03/20/98
JRB

CASING AND CEMENTING EVALUATION FOR APD APPROVAL

Well Name(s): Odekirk Spring wells (5)
Operator Name: Inland Production Co.

Proposed TD (feet):	6,500
Mud Type at TD:	Fresh water/polymer
Mud Weight at TD (ppg):	8.4
Anticipated BHP (psi):	2000
Calculated BHP (psi)	2839
Calculated Surface Pressure (psi)	1409

Production String Casing Design

Diameter (inches):	5.50	
Weight (lb/ft):	15.50	
Grade:	J-55	
Thread Type:	LT&C	
Collapse Strength (psi):	4040	
Internal Yield Strength (psi):	4810	
Joint Strength (lb):	217,000	
Calculated Collapse SF:	1.42	Collapse safety factor should exceed 1.125
Calculated Burst SF:	1.69	Burst safety factor should exceed 1.10
Calculated Tension SF:	2.15	Tension safety factor should exceed 1.80

Insert and copy block as necessary for intermediate or surface casing strings

Production String Cementing Program

Casing Diameter (inches):	5.50
Hole Diameter (inches):	7.88

First Stage

Cement Type:	Hibond 65 Modified
Cement Volume (sx):	120
Cement Yield (cu.ft./sk):	3
Annular Volume (cu.ft./lin.ft.):	0.1733
Excess Percentage:	0.15
Anticipated Coverage Height (ft):	1755
Calculated Coverage Height (ft):	1806 Calculated value should exceed anticipated amount.

Second Stage

Cement Type:	Premium Plus Thixotropic
Cement Volume (sx):	560
Cement Yield (cu.ft./sk):	1.59
Annular Volume (cu.ft./lin.ft.):	0.1733
Excess Percentage:	0.15
Anticipated Coverage Height (ft):	4445

Calculated Coverage Height (ft): 4468 Calculated value should exceed anticipated amount.

Surface String Cementing Program

Casing Diameter (inches):	8.63
Hole Diameter (inches):	12.25

First Stage

Cement Type:	Premium Plus
Cement Volume (sx):	190
Cement Yield (cu.ft./sk):	1.37
Annular Volume (cu.ft./lin.ft.):	0.4127
Excess Percentage:	1.00
Anticipated Coverage Height (ft):	300

Calculated Coverage Height (ft): 315 Calculated value should exceed anticipated amount.

Second Stage

Cement Type:	
Cement Volume (sx):	
Cement Yield (cu.ft./sk):	
Annular Volume (cu.ft./lin.ft.):	
Excess Percentage:	
Anticipated Coverage Height (ft):	

Calculated Coverage Height (ft): ERR Calculated value should exceed anticipated amount.

Insert and copy blocks as necessary for additional casing strings or stages

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

OPERATOR: INLAND PRODUCTION COMPANY
WELL NAME & NUMBER: ODEKIRK SPRING 2-36-8-17
API NUMBER: 43-047-33079
LEASE: ML-44305 FIELD/UNIT: 8 MILE FLAT NORTH
LOCATION: 1/4,1/4 NW/NE Sec: 36 TWP: 8S RNG: 17E 781' FNL 2062' FEL
LEGAL WELL SITING: ____'F SEC. LINE; ____'F 1/4,1/4 LINE; ____F ANOTHER WELL.
GPS COORD (UTM): NO READING
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

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

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS ON THE NORTH SLOPE OF A RIDGE RUNNING EAST AND WEST. THE HEAD OF A SMALL DRAW HEADS 200' NORTHEAST OF SITE. DRAINAGE IS TO THE NORTH.

SURFACE USE PLAN

CURRENT SURFACE USE: LIVESTOCK AND WILDLIFE GRAZING

PROPOSED SURFACE DISTURBANCE: 290 FEET BY 190 FEET FOR LOCATION AND 200 FEET FOR NEW 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.

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

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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)

March 19, 1998

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

Re: Odekirk Spring 2-36-8-17 Well, 781' FNL, 2062' FEL, NW NE, 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 43-047-33079.

Sincerely,

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 2-36-8-17

API Number: 43-047-33079

Lease: ML-44305

Location: NW NE **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 within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

   Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or John R. Baza at (801)538-5334.

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 dated March 13, 1998 (copy attached).

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: ODEKIRK SPRING 2-36-8-17

Api No. 43-047-33079

Section 36 Township 8S Range 17E County UINTAH

Drilling Contractor UNION

Rig # 7

SPUDDED:

Date 6/8/98

Time

How ROTARY

Drilling will commence

Reported by MIKE WARD

Telephone #

Date: 6/15/98 Signed: JLT

DOGM Form 3
May 5, 1987

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

RECEIVED
JUN 22 1998
DIV. OF OIL, GAS & MINING

OIL WELL [X] GAS WELL [ ] OTHER [ ]

7. UNIT AGREEMENT NAME: NA

2. NAME OF OPERATOR: INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME: ODEKIRK SPRING

3. ADDRESS OF OPERATOR: 410 17TH STREET, SUITE 700, DENVER, COLORADO 80202
(303) 893-0102

9. WELL NO.: 2-36-8-17

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface: NW/NE 781 FNL 2062 FEL

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/NE Section 36, T08S R17E

14. API NUMBER	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-047-33079	5039.9 GR	UINTAH	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 [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [ ]	[ ]	(OTHER) Surface Spud	[X]
(OTHER) _____	[ ]	(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.)*

MIRU Union #7. Drl & set conductor. **SPUD WELL @ 1:30 PM, 6/8/98.** Drl & set MH & RH. Drl Kelly dn. Repair flowline. NU cellar. Drl 12-1/4" hole 21' – 327'. C&C. TOH. ND cellar. Pull conductor. Run 8-5/8" GS, 7 jt 8-5/8", 24#, J-55, ST & C csg, WHI "W92", 2000 psi WP csg head (299'). Csg set @ 309'. RU BJ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/150 sx Class G w/2% CC & ¼#/sk Cello Flake (15.8 ppg 1.14 cf/sk yield). Had 6 bbl cmt returns. RD BJ. WOC.

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

SIGNED Shannon Smith TITLE Engineering Secretary DATE 6/18/98

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

DOGM Form 5
May 5, 1987

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 WELL [X] GAS WELL [ ] OTHER [ ]

7. UNIT AGREEMENT NAME: NA

2. NAME OF OPERATOR: INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME: ODEKIRK SPRING

3. ADDRESS OF OPERATOR: 410 17TH STREET, SUITE 700, DENVER, COLORADO 80202
(303) 893-0102

9. WELL NO.: 2-36-8-17

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW/NE 781 FNL 2062 FEL

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/NE Section 36, T08S R17E

14. API NUMBER	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-047-33079	5039.9 GR	UINTAH	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 [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [ ]	[ ]	(OTHER) Weekly Status [X]	
(OTHER)	[ ]	(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.)*

WEEKLY STATUS REPORT FOR WEEK OF 6/4/98 - 6/10/98

NU BOP's. Test BOP's. TIH. Blow casing down. Drl plug, cmt, & GS. Drl & Srvy 327-1673.

18. I hereby certify that the foregoing is true and correct
SIGNED Shannon Smith TITLE Engineering Secretary DATE 6/18/98

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

* See Instructions On Reverse Side

DOGM Form 5
May 5, 1987

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 WELL [X] GAS WELL [ ] OTHER [ ]

7. UNIT AGREEMENT NAME: NA

2. NAME OF OPERATOR: INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME: ODEKIRK SPRING

3. ADDRESS OF OPERATOR: 410 17TH STREET, SUITE 700, DENVER, COLORADO 80202
(303) 893-0102

9. WELL NO.: 2-36-8-17

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At surface
NW/NE 781 FNL 2062 FEL

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43-047-33079	5039.9 GR	UINTAH	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 [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [ ]	[ ]	(OTHER) Weekly Status [X]	
(OTHER)	[ ]	(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.)*

WEEKLY STATUS REPORT FOR WEEK OF 6/11/98 - 6/17/98

Drilled 7-7/8" hole w/Union, Rig #7 from 1673' - 6000'.

Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 140 jts 5-1/2", 15.5#, J-55, LT & C csg (5979'). Csg set @ 5988'. 1 hr – RR (hydraulic hose on brakes). 1-1/2 hrs – RU BJ. Circ gas out of hole. 1 hr – Pmp 20 bbl mud flush & 20 bbl gel. Cmt w/250 sx Premium Lite w/.5% SM, 10% gel, 3#/sk CSE, 2#/sk Kol Seal, ¼#/sk Cello Flake (11.0 ppg 3.42 cf/sk yield) & 330 sx Class G w/10% A-10 & 10% salt (14.4 ppg 1.63 cf/sk yield). Lost all returns w/44 bbl left on displacement. Slowed pmp rate from 6.5 BPM to 3.5 BPM & regained 30% returns. POB @ 12:45 pm, 6/14/98 w/1900 psi (1430 psi lift). RD. 2 hrs – ND BOP's. Set slips w/84,000#, dump pits. RD. Rig released @ 2:45 pm, 6/14/98. RDMOL.

18. I hereby certify that the foregoing is true and correct
SIGNED Shaunen Smith TITLE Engineering Secretary DATE 6/25/98

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

* See Instructions On Reverse Side

RECEIVED
JUN 29 1998
DIV. OF OIL, GAS &

DOGM Form 3
May 5, 1987

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 WELL [X] GAS WELL [ ] OTHER [ ]

7. UNIT AGREEMENT NAME
NA

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME
ODEKIRK SPRING

3. ADDRESS OF OPERATOR
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202
(303) 893-0102

9. WELL NO.
2-36-8-17

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW/NE 781 FNL 2062 FEL

10. FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/NE Section 36, T08S R17E

14. API NUMBER	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-047-33079	5039.9 GR	UINTAH	UT

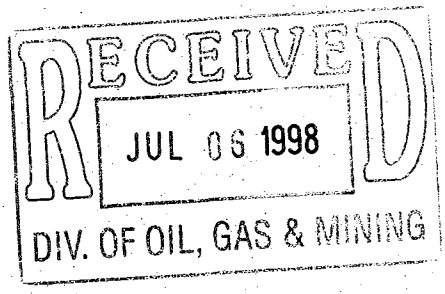
16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [ ]	[ ]	(OTHER) Weekly Status [X]	
(OTHER)	[ ]	(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.)*

WEEKLY STATUS REPORT FOR WEEK OF 6/25/98 - 7/1/98

Perf CP sd @ 5805-09', 5819-21', 5830-33', 5842-48', 5862-68' & 5902-07'.
Perf LDC sand @ 5506-20', 5524-27', 5571-78', 5627-44'.
Perf A sds @ 5388-5409' & 5415-27'.



18. I hereby certify that the foregoing is true and correct
SIGNED Shannon Smith TITLE Engineering Secretary DATE 7/2/98

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

* See Instructions On Reverse Side

DOGM Form 5
May 5, 1987

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 WELL [X] GAS WELL [ ] OTHER [ ]

7. UNIT AGREEMENT NAME: NA

2. NAME OF OPERATOR: INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME: ODEKIRK SPRING

3. ADDRESS OF OPERATOR: 410 17TH STREET, SUITE 700, DENVER, COLORADO 80202
(303) 893-0102

9. WELL NO.: 2-36-8-17

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW/NE 781 FNL 2062 FEL

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/NE Section 36, T08S R17E

14. API NUMBER	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-047-33079	5039.9 GR	UINTAH	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 [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [ ]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [ ]	ABANDONMENT* [ ]
REPAIR WELL [ ]	[ ]	(OTHER) Weekly Status [X]	
(OTHER)	[ ]		

(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.)*

WEEKLY STATUS REPORT FOR WEEK OF 7/2/98 - 7/8/98

Perf B sds @ 5208-17', 5220-26', 5229-32' & 5240-44'.
Swab well. Trip production tbg.
Place well on production @ 12:00 PM, 7/8/98.

RECEIVED
JUL 20 1998
DIV. OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Shannon Smith TITLE Engineering Secretary DATE 7/15/98

(This space for Federal or State office use)
APPROVED BY_____ TITLE_____ DATE_____
CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.: ML-44305

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

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

8. FARM OR LEASE NAME: Odekirk Spring

2. NAME OF OPERATOR: Inland Production Company

9. WELL NO.: #2-36-8-17

3. ADDRESS OF OPERATOR: O.O. Box 790233 Vernal, UT 84079 (435) 789-1866

10. FIELD AND POOL, OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface: NW/NE

At top prod. interval reported below: 781' FNL & 2062' FEL

At total depth:

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 36, T8S, R17E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-33079	3/19/98	Uintah	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
6/8/98	6/13/98	7/7/98	5039.9' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6000'	5938'		→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): Green River - Refer to Item #31

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIGL/SP/GR/CAL - CN/CD/GR - CBL Re. 8/13/98

27. WAS WELL CORED: No

RECEIVED
AUG 31 1998
DIV. OF OIL, GAS & MINING

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	309'	12 1/4	150 sx Class G w/ 2% CC + ¼#/sk CF	
5 1/2	15.5#	5988'	7 7/8	250 sx Prem Lite + Add & 330 sx Class G w/ 10% A-10 & 10% Salt	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	EOT @ 5843'	TA @ 5717'

31. PERFORATION RECORD (Interval, size and number)

CP 5805'-09', 5819'-21', 5830'-33', 5842'-48', 5862'-68', 5902'-07'
LDC 5506'-20', 5524'-27', 5571'-78', 5627'-44'
A 5388'-5409', 5415'-27'
B 5208'-17', 5220'-26', 5229'-32', 5240'-44'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Refer to Item	#37

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7/7/98	Pumping - 2½" X 1½" X 16' RHAC pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 Day Avg	7/98	N/A	→	130	54	2	.415

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.): Sold & Used for fuel

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: Cheryl Cameron TITLE: Regulatory Specialist DATE: 7/31/98

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "*Sacks Cement*": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

[redacted]

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Garden Gulch	3989'		#32.
Garden Gulch 2	4278'		Perf CP sd 5805'-09',5819'-21',5830'-33',
Point 3	4538'		5842'-48',5862'-68',5902'-07'
X Marker	4750'		Frac w/ 111,000# 20/40 sd in 697 bbls
Y Marker	4786'		Viking 1-25 fluid.
Douglas Ck	4913'		
Bi-Carb	5131'		Perf LDC sd 5506'-20',5524'-27',5571'-78',
B-Lime	5265'		5627'-55'
Castle Peak	5787'		Frac w/ 128,040# 20/40 sd in 605 bbls
[redacted]sal Carb	NDE		Viking 1-25 fluid.
			Perf A sd 5388'-5409',5415'-27'
			Frac w/ 105,020# 20/40 sd in 539 bbls
			Viking 1-25 fluid.
			Perf B sd 5208'-17',5220'-26',5229'-32',
			5240'-44'
			Frac w/ 89,120# 20/40 sd in 486 bbls
			Viking 1-25 fluid.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

DOGM Form 5
May 5, 1987

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 WELL [X] GAS WELL [ ] OTHER [ ]

7. UNIT AGREEMENT NAME
NA

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME
ODEKIRK SPRING 2-36-8-17

3. ADDRESS OF OPERATOR
Rt. 3 Box 3630, Myton Utah 84052
435-646-3721

9. WELL NO.
ODEKIRK SPRING 2-36-8-17

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW/NE Section 36, T8S R17E
781 FNL 2062 FEL

10. FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/NE Section 36, T8S R17E

14 API NUMBER	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-047-33079	**5039.9 GR**	**UINTAH**	**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 [ ]	PULL OR ALTER CASING [ ]	WATER SHUT-OFF [ ]	REPAIRING WELL [ ]
FRACTURE TREAT [ ]	MULTIPLE COMPLETE [ ]	FRACTURE TREATMENT [X]	ALTERING CASING [ ]
SHOOT OR ACIDIZE [ ]	ABANDON* [ ]	SHOOTING OR ACIDIZING [X]	ABANDONMENT* [ ]
REPAIR WELL [ ]	[ ]	(OTHER) [ ]	_____
(OTHER)	[ ]	(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.)*

Subject well had re-completion procedures initiated in the Green River formation on 11/23/02. Existing production tbg was pulled from well. A bit & scraper was ran in well. Two new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: D1 sds @ 4930'-4933' & 4965'-4969'; D2 sds @ 4994'-4998' & 5012'-5017' and C sds @ 5102'-5106' (all 4 JSPF) fraced down 5 1/2" 15.5# casing W/ 49,030# 20/40 mesh sand in 392 bbls YF 125 fluid. Stage #2: GB4 sds @ 4434'-4445' and GB6 sds @ 4518'-4522' fraced down 5 1/2" 15.5# casing W/ 48,274# 20/40 mesh sand in 378 bbls YF 125 fluid. Fracs were flowed back through chokes. Top bridge plug was pulled from well. New intervals were swab tested for sand cleanup.Lower bridge plug was pulled. A revised BHA & production tubing string was ran in and anchored in well W/ tubing anchor @ 5685', pump seating nipple @ 5719' and end of tubing string @ 5751'. A repaired rod pump was ran in well on sucker rods. Well returned to production via rod pump on 12/4/02.

18 I hereby certify that the foregoing is true and correct

SIGNED Gary Dietz TITLE Completion Foreman DATE 12/5/2002

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
DEC 0 9 2002
DIV. OF OIL, GAS & MINING

* See Instructions On Reverse Side

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Geoffrey S. Connor
Secretary of State

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.

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

Division of Oil, Gas and Mining

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):	**TO:** (New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	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 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**

FORM 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
UTAH STATE ML-44305

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
ODEKIRK SPRING 2-36-8-17

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4304733079

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
781 FNL 2062 FEL

NWNE Section 36 T8S R17E

11. County or Parish, State
UINTAH, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☒ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RECEIVED
DEC 21 2011
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Jill Loyle

Title
Regulatory Technician

Signature

Date
12/16/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 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 (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ODEKIRK SPRING 2-36-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047330790000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0781 FNL 2062 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 10/25/2012	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The subject well has been converted from a producing oil well to an injection well on 10/24/2012. On 10/25/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 10/25/2012 the casing was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22218-09422

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
November 01, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 11/1/2012

RECEIVED: Nov. 01, 2012

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: 10 / 25 / 12

Test conducted by: Cody VanderLinden

Others present: _____

UT22218-05422

Well Name: Ouray 2-36-8-17 Type: ER SWD Status: AC TA UC

Field: Monument Butte

Location: 2-36-8-17 Sec: 36 T 8 N / S R 17 E / W County: Duchesne State: Utah

Operator: _____

Last MIT: ____ / ____ / ____ Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? [ ] Yes [+] No

Initial test for permit? [X] 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	120 psig	psig	psig
End of test pressure	120 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1750 psig	psig	psig
5 minutes	1750 psig	psig	psig
10 minutes	1750 psig	psig	psig
15 minutes	1750 psig	psig	psig
20 minutes	1750 psig	psig	psig
25 minutes	1750 psig	psig	psig
30 minutes	1750 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

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

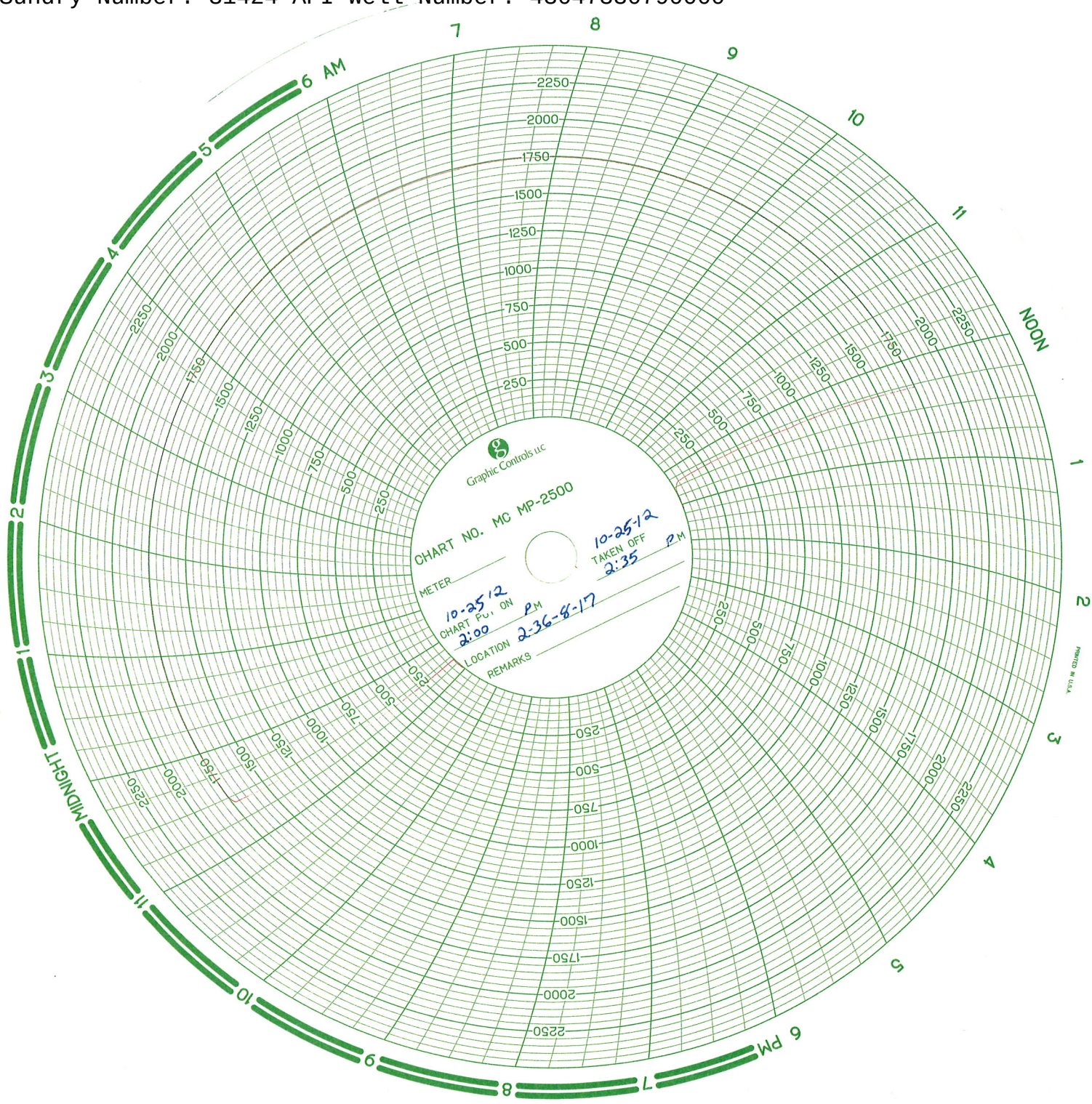
MECHANICAL INTEGRITY PRESSURE TEST

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: _____

Sundry Number: 31424 API Well Number: 43047330790000



Daily Activity Report

Format For Sundry

ODEKIRK 2-36-8-17

8/1/2012 To 12/30/2012

10/18/2012 Day: 1 **Conversion**

NC #2 on 10/18/2012 - Maintance & Steam On NC#2 - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) **Finalized**

Daily Cost: $0

Cumulative Cost: $4,560

10/22/2012 Day: 3 **Conversion**

NC #2 on 10/22/2012 - Conti LD Rod String, NU BOP, RU Workfloor - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pmped 30BW Down Tbg, SWI Mech On NC2 Until 2:30PM, Cont LD Rod String: 89- 3/4" 4per Guided Rod, 75- 3/4" Plain Rods, 55- 3/4" 4per Guided Rods, 6- 1 1/2" Wt. Bars, 2.5"x 1.5"x16' John Crane Rod Pmp (Signs Of Scale On Screen & Pull Rod), XO For Rods, ND B1 Adaptor, US TA, NU Weatherford BOP, RU Workfloor...SWIFWE.. 7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pmped 30BW Down Tbg, SWI Mech On NC2 Until 2:30PM, Cont LD Rod String: 89- 3/4" 4per Guided Rod, 75- 3/4" Plain Rods, 55- 3/4" 4per Guided Rods, 6- 1 1/2" Wt. Bars, 2.5"x 1.5"x16' John Crane Rod Pmp (Signs Of Scale On Screen & Pull Rod), XO For Rods, ND B1 Adaptor, US TA, NU Weatherford BOP, RU Workfloor...SWIFWE.. 7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pmped 30BW Down Tbg, SWI Mech On NC2 Until 2:30PM, Cont LD Rod String: 89- 3/4" 4per Guided Rod, 75- 3/4" Plain Rods, 55- 3/4" 4per Guided Rods, 6- 1 1/2" Wt. Bars, 2.5"x 1.5"x16' John Crane Rod Pmp (Signs Of Scale On Screen & Pull Rod), XO For Rods, ND B1 Adaptor, US TA, NU Weatherford BOP, RU Workfloor...SWIFWE.. 7:00PM To 7:30PM C/ Travl **Finalized**

Daily Cost: $0

Cumulative Cost: $20,722

10/23/2012 Day: 5 **Conversion**

NC #2 on 10/23/2012 - TIH W/ Remaining Tbg, PT Tbg, RD Workfloor, ND BOP, NU Injection Tree, Watch Csg Pressure - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940',

LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl **Finalized**
Daily Cost: $0
Cumulative Cost: $48,476

10/24/2012 Day: 6 **Conversion**

NC #2 on 10/24/2012 - PT Csg, XO For Rods, RDMOSU - 5:30AM To 6:00AM C/ Travl: Checked Csg Pressure, Pressure Had Increased By 150psi, GOOD TEST W/ 1650psi On Csg, XO For Rods, Full Service On NC2, RDMOSU @ 11:30AM.....FINAL REPORT!!....READY FOR MIT - 5:30AM To 6:00AM C/ Travl: Checked Csg Pressure, Pressure Had Increased By 150psi, GOOD TEST W/ 1650psi On Csg, XO For Rods, Full Service On NC2, RDMOSU @ 11:30AM.....FINAL REPORT!!....READY FOR MIT - 5:30AM To 6:00AM C/ Travl: Checked Csg Pressure, Pressure Had Increased By 150psi, GOOD TEST W/ 1650psi On Csg, XO For Rods, Full Service On NC2, RDMOSU @ 11:30AM.....FINAL REPORT!!....READY FOR MIT **Finalized**
Daily Cost: $0
Cumulative Cost: $51,966

10/25/2012 Day: 7 **Conversion**

Rigless on 10/25/2012 - Conduct initial MIT - On10/25/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 10/25/2012 the casing was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22218-09422 - On10/25/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 10/25/2012 the casing was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22218-09422 - On10/25/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 10/25/2012 the casing was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22218-09422 **Finalized**
Daily Cost: $0
Cumulative Cost: $130,800

Pertinent Files: Go to File List

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
http://www.epa.gov/region8

OCT 04 2012

Ref: 8P-W-UIC

RECEIVED
OCT 17 2012
DIV. OF OIL, GAS & MINING

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Eric Sundberg
Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Re: FINAL Permit
EPA UIC Permit UT22218-09422
Well: Odekirk Spring 2-36-8-17
NWNE Sec. 36-T8S-R17E
Uintah County, UT
API No.: 4304733079

Dear Mr. Sundberg:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Program Permit for the proposed Odekirk Spring 2-36-8-17 injection well. A Statement of Basis that discusses the conditions and requirements of this Environmental Protection Agency (EPA) UIC Permit, is also included.

The public comment period for this permit ended on SEP 20 2012. No comments on the draft permit were received during the public notice period; therefore the effective date for this EPA UIC Permit is the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect as of the Effective Date of this Permit.

Please note that under the terms and conditions of this final permit you are authorized only to construct the proposed injection well. Prior to commencing injection, you first must fulfill all "Prior to Commencing Injection" requirements of the final permit, Part II Section C.1, and obtain written Authorization to Inject from EPA. It is your responsibility to be familiar with and to comply with all provisions of your final permit. The EPA forms referenced in the permit are available at http://www.epa.gov/safewater/uic/reportingforms.html. Guidance documents for Cement Bond Logging, Radioactive Tracer Testing, Step Rate Testing, Mechanical Integrity Demonstration, Procedure in the Event of a Mechanical Integrity Loss, and other UIC guidances, are available at http://www.epa.gov/region8/water/uic/ deep_injection.html. Upon request, hard copies of the EPA forms and guidances can be provided.

This EPA UIC permit is issued for the operating life of the well unless terminated (Part III, Section B). The EPA may review this permit at least every five (5) years to determine whether any action is warranted pursuant to 40 CFR § 144.36(a).

If you have any questions on the enclosed final permit or Statement of Basis, please call Emmett Schmitz of my staff at (303) 312-6174, or toll-free at (800) 227-8917, ext. 312-6174.

Sincerely,

Howard M. Cantor, for
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit
Statement of Basis

cc: Letter Only:
Uintah & Ouray Business Committee:
Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richards Jenks, Jr., Councilman

Johnna Blackhair
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:
Reed Durfey
District Manager
Newfield Production Company
Myton, Utah

Mike Natchees
Environmantal Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal, Utah Office

EPA

UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT

PREPARED: September 2012

Permit No. UT22218-09422

Class II Enhanced Oil Recovery Injection Well

Odekirk Spring 2-36-8-17
Uintah County, UT

Issued To

Newfield Production Co.
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Part I. AUTHORIZATION TO CONSTRUCT AND OPERATE

Under the authority of the Safe Drinking Water Act and Underground Injection Control (UIC) Program regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations (40 CFR) Parts 2, 124, 144, 146, and 147, and according to the terms of this Permit,

Newfield Production Co.
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

is authorized to construct and to operate the following Class II injection well or wells:

Odekirk Spring 2-36-8-17
781' FNL & 2062'FEL, NWNE S36, T8S, R17E
Uintah County, UT

EPA regulates the injection of fluids into injection wells so that injection does not endanger underground sources of drinking water (USDWs). EPA UIC Permit conditions are based on authorities set forth at 40 CFR Parts 144 and 146, and address potential impacts to USDWs.

Under 40 CFR Part 144, Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General permit conditions for which the content is mandatory and not subject to site-specific differences are not discussed in this document. Issuance of this Permit does not convey any property rights of any sort or any exclusive privilege, nor does it authorize injury to persons or property or invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. (40 CFR §144.35) An EPA UIC Permit may be issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR §144.39, 144.40 and 144.41, and may be reviewed at least once every five (5) years to determine if action is required under 40 CFR §144.36(a).

This Permit is issued for the life of the well(s) unless modified, revoked and reissued, or terminated under 40 CFR §144.39 or 144.40. This EPA Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for a UIC Program is delegated to an Indian Tribe or State. Upon the effective date of delegation, reports, notifications, questions and other correspondence should be directed to the Indian Tribe or State Director.

Issue Date: OCT 04 2012 Effective Date OCT 04 2012

Howard M. Cantor, for
Assistant Regional Administrator*
Office of Partnerships and Regulatory Assistance

*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.

PART II. SPECIFIC PERMIT CONDITIONS

Section A. WELL CONSTRUCTION REQUIREMENTS

These requirements represent the approved minimum construction standards for well casing and cement, injection tubing, and packer.

Details of the approved well construction plan are incorporated into this Permit as APPENDIX A. Changes to the approved plan that may occur during construction must be approved by the Director prior to being physically incorporated.

1. Casing and Cement.

The well or wells shall be cased and cemented to prevent the movement of fluids into or between underground sources of drinking water. The well casing and cement shall be designed for the life expectancy of the well and of the grade and size shown in APPENDIX A. Remedial cementing may be required if shown to be inadequate by cement bond log or other attempted demonstration of Part II (External) mechanical integrity.

2. Injection Tubing and Packer.

Injection tubing is required, and shall be run and set with a packer at or below the depth indicated in APPENDIX A. The packer setting depth may be changed provided it remains below the depth indicated in APPENDIX A and the Permittee provides notice and obtains the Director's approval for the change.

3. Sampling and Monitoring Devices.

The Permittee shall install and maintain in good operating condition:

(a) a "tap" at a conveniently accessible location on the injection flow line between the pump house or storage tanks and the injection well, isolated by shut-off valves, for collection of representative samples of the injected fluid; and

(b) one-half (1/2) inch female iron pipe fitting, isolated by shut-off valves and located at the wellhead at a conveniently accessible location, for the attachment of a pressure gauge capable of monitoring pressures ranging from normal operating pressures up to the Maximum Allowable Injection Pressure specified in APPENDIX C:

(i). on the injection tubing; and

(ii) on the tubing-casing annulus (TCA); and

(c) a pressure actuated shut-off device attached to the injection flow line set to shut-off the injection pump when or before the Maximum Allowable Injection Pressure (MAIP) specified in APPENDIX C is reached at the wellhead; and

(d) a non-resettable cumulative volume recorder attached to the injection line.

4. Well Logging and Testing

Well logging and testing requirements are found in APPENDIX B. The Permittee shall ensure the log and test requirements are performed within the time frames specified in APPENDIX B. Well logs and tests shall be performed according to current EPA-approved procedures. Well log and test results shall be submitted to the Director within sixty (60) days of completion of the logging or testing activity, and shall include a report describing the methods used during logging or testing and an interpretation of the test or log results.

5. Postponement of Construction or Conversion

The Permittee shall complete well construction within one year of the Effective Date of the Permit, or in the case of an Area Permit within one year of Authorization of the additional well. Authorization to construct and operate shall expire if the well has not been constructed within one year of the Effective Date of the Permit or Authorization and the Permit may be terminated under 40 CFR 144.40, unless the Permittee has notified the Director and requested an extension prior to expiration. Notification shall be in writing, and shall state the reasons for the delay and provide an estimated completion date. Once Authorization has expired under this part, the complete permit process including opportunity for public comment may be required before Authorization to construct and operate may be reissued.

6. Workovers and Alterations

Workovers and alterations shall meet all conditions of the Permit. Prior to beginning any addition or physical alteration to an injection well that may significantly affect the tubing, packer or casing, the Permittee shall give advance notice to the Director and obtain the Director's approval. The Permittee shall record all changes to well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workover, logging, or test data to EPA within sixty (60) days of completion of the activity.

A successful demonstration of Part I MI is required following the completion of any well workover or alteration which affects the casing, tubing, or packer. Injection operations shall not be resumed until the well has successfully demonstrated mechanical integrity and the Director has provided written approval to resume injection.

Section B. MECHANICAL INTEGRITY

The Permittee is required to ensure each injection well maintains mechanical integrity at all times. The Director, by written notice, may require the Permittee to comply with a schedule describing when mechanical integrity demonstrations shall be made.

An injection well has mechanical integrity if:

(a) There is no significant leak in the casing, tubing, or packer (Part I); and

(b) There is no significant fluid movement into an underground source of drinking water through vertical channels adjacent to the injection well bore (Part II).

1. Demonstration of Mechanical Integrity (MI).

The operator shall demonstrate MI prior to commencing injection and periodically thereafter. Well-specific conditions dictate the methods and the frequency for demonstrating MI and are discussed in the Statement of Basis. The logs and tests are designed to demonstrate both internal (Part I) and external (Part II) MI as described above. The conditions present at this well site warrant the methods and frequency required in Appendix B of this Permit.

In addition to these regularly scheduled demonstrations of MI, the operator shall demonstrate internal (Part I) MI after any workover which affects the tubing, packer or casing.

The Director may require additional or alternative tests if the results presented by the operator are not satisfactory to the Director to demonstrate there is no movement of fluid into or between USDWs resulting from injection activity. Results of MI tests shall be submitted to the Director as soon as possible but no later than sixty (60) days after the test is complete.

2. Mechanical Integrity Test Methods and Criteria

EPA-approved methods shall be used to demonstrate mechanical integrity. Ground Water Section Guidance No. 34 "Cement Bond Logging Techniques and Interpretation", Ground Water Section Guidance No. 37, "Demonstrating Part II (External) Mechanical Integrity for a Class II injection well permit", and Ground Water Section Guidance No. 39, "Pressure Testing Injection Wells for Part I (Internal) Mechanical Integrity" are available from EPA and will be provided upon request.

The Director may stipulate specific test methods and criteria best suited for a specific well construction and injection operation.

3. Notification Prior to Testing.

The Permittee shall notify the Director at least seven calendar days prior to any mechanical integrity test unless the mechanical integrity test is conducted after a well construction, well conversion, or a well rework, in which case any prior notice is sufficient. The Director may allow a shorter notification period if it would be sufficient to enable EPA to witness the mechanical integrity test. Notification may be in the form of a yearly or quarterly schedule of planned mechanical integrity tests, or it may be on an individual basis.

4. Loss of Mechanical Integrity.

If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity becomes evident during operation (such as presence of pressure in the TCA, water flowing at the surface, etc.), the Permittee shall notify the Director within 24 hours (see Part III Section E Paragraph 11(e) of this Permit) and the well shall be shut-in within 48 hours unless the Director requires immediate shut-in.

Within five days, the Permittee shall submit a follow-up written report that documents test results, repairs undertaken or a proposed remedial action plan.

Injection operations shall not be resumed until after the well has successfully been repaired and demonstrated mechanical integrity, and the Director has provided approval to resume injection.

Section C. WELL OPERATION

INJECTION BETWEEN THE OUTERMOST CASING PROTECTING UNDERGROUND SOURCES OF DRINKING WATER AND THE WELL BORE IS PROHIBITED.

Injection is approved under the following conditions:

1. Requirements Prior to Commencing Injection.

Well injection, including for new wells authorized by an Area Permit under 40 CFR 144.33 (c), may commence only after all well construction and pre-injection requirements herein have been met and approved. The Permittee may not commence injection until construction is complete, and

(a) The Permittee has submitted to the Director a notice of completion of construction and a completed EPA Form 7520-10 or 7520-12; all applicable logging and testing requirements of this Permit (see APPENDIX B) have been fulfilled and the records submitted to the Director; mechanical integrity pursuant to 40 CFR 146.8 and Part II Section B of this Permit has been demonstrated; and

(i) The Director has inspected or otherwise reviewed the new injection well and finds it is in compliance with the conditions of the Permit; or

(ii) The Permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within 13 days of the date of the notice in Paragraph 1a, in which case prior inspection or review is waived and the Permittee may commence injection.

2. Injection Interval.

Injection is permitted only within the approved injection interval, listed in APPENDIX C. Additional individual injection perforations may be added provided that they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6.

3. Injection Pressure Limitation

(a) The permitted Maximum Allowable Injection Pressure (MAIP), measured at the wellhead, is found in APPENDIX C. Injection pressure shall not exceed the amount the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs. In no case shall injection pressure cause the movement of injection or formation fluids into a USDW.

(b) The Permittee may request a change of the MAIP, or the MAIP may be increased or decreased by the Director in order to ensure that the requirements in Paragraph (a) above are fulfilled. The Permitee may be required to conduct a step rate injection test or other suitable test to provide information for determining the fracture pressure of the injection zone. Change of the permitted MAIP by the Director shall be by modification of this Permit and APPENDIX C.

4. Injection Volume Limitation.

Injection volume is limited to the total volume specified in APPENDIX C.

5. Injection Fluid Limitation.

Injected fluids are limited to those identified in 40 CFR 144.6(b)(2) as fluids used for enhanced recovery of oil or natural gas, including those which are brought to the surface in connection with conventional oil or natural gas production that may be commingled with waste waters from gas plants which are an integral part of production operations unless those waters are classified as a hazardous waste at the time of injection, pursuant to 40 CFR 144.6(b). Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are NOT approved for injection. This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261. The Permittee shall provide a listing of the sources of injected fluids in accordance with the reporting requirements in Part II Section D Paragraph 4 and APPENDIX D of this Permit.

6. Tubing-Casing Annulus (TCA)

The tubing-casing annulus (TCA) shall be filled with water treated with a corrosion inhibitor, or other fluid approved by the Director. The TCA valve shall remain closed during normal operating conditions and the TCA pressure shall be maintained at zero (0) psi.

If TCA pressure cannot be maintained at zero (0) psi, the Permittee shall follow the procedures in Ground Water Section Guidance No. 35 "Procedures to follow when excessive annular pressure is observed on a well."

Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Monitoring Parameters, Frequency, Records and Reports.

Monitoring parameters are specified in APPENDIX D. Pressure monitoring recordings shall be taken at the wellhead. The listed parameters are to be monitored, recorded and reported at the frequency indicated in APPENDIX D even during periods when the well is not operating.

Monitoring records must include:

(a) the date, time, exact place and the results of the observation, sampling, measurement, or analysis, and;

(b) the name of the individual(s) who performed the observation, sampling, measurement, or analysis, and;

(c) the analytical techniques or methods used for analysis.

2. Monitoring Methods.

(a) Monitoring observations, measurements, samples, etc. taken for the purpose of complying with these requirements shall be representative of the activity or condition being monitored.

(b) Methods used to monitor the nature of the injected fluids must comply with analytical methods cited and described in Table 1 of 40 CFR 136.3 or Appendix III of 40 CFR 261, or by other methods that have been approved in writing by the Director.

(c) Injection pressure, annulus pressure, injection rate, and cumulative injected volumes shall be observed and recorded at the wellhead under normal operating conditions, and all parameters shall be observed simultaneously to provide a clear depiction of well operation.

(d) Pressures are to be measured in pounds per square inch (psi).

(e) Fluid volumes are to be measured in standard oil field barrels (bbl).

(f) Fluid rates are to be measured in barrels per day (bbl/day).

3. Records Retention.

(a) Records of calibration and maintenance, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained for a period of AT LEAST THREE (3) YEARS from the date of the sample, measurement, report, or application. This period may be extended anytime prior to its expiration by request of the Director.

(b) Records of the nature and composition of all injected fluids must be retained until three (3) years after the completion of any plugging and abandonment (P&A) procedures specified under 40 CFR 144.52(a)(6) or under Part 146 Subpart G, as appropriate. The Director may require the Permittee to deliver the records to the Director at the conclusion of the retention period. The Permittee shall continue to retain the records after the three (3) year retention period unless the Permittee delivers the records to the Director or obtains written approval from the Director to discard the records.

4. Annual Reports.

Whether the well is operating or not, the Permittee shall submit an Annual Report to the Director that summarizes the results of the monitoring required by Part II Section D and APPENDIX D.

The first Annual Report shall cover the period from the effective date of the Permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the reporting year. Annual Reports shall be submitted by February 15 of the year following data collection. EPA Form 7520-11 may be copied and shall be used to submit the Annual Report, however, the monitoring requirements specified in this Permit are mandatory even if EPA Form 7520-11 indicates otherwise.

Section E. PLUGGING AND ABANDONMENT

1. Notification of Well Abandonment, Conversion or Closure.

The Permittee shall notify the Director in writing at least forty-five (45) days prior to: 1) plugging and abandoning an injection well, 2) converting to a non-injection well, and 3) in the case of an Area Permit, before closure of the project.

2. Well Plugging Requirements

Prior to abandonment, the injection well shall be plugged with cement in a manner which isolates the injection zone and prevents the movement of fluids into or between underground sources of drinking water, and in accordance with 40 CFR 146.10 and other applicable Federal, State or local law or regulations. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. Prior to placement of the cement plug(s) the well shall be in a state of static equilibrium with the mud weight equalized top to bottom, either by circulating the mud in the well at least once or by a comparable method prescribed by the Director.

3. Approved Plugging and Abandonment Plan.

The approved plugging and abandonment plan is incorporated into this Permit as APPENDIX E. Changes to the approved plugging and abandonment plan must be approved by the Director prior to beginning plugging operations. The Director also may require revision of the approved plugging and abandonment plan at any time prior to plugging the well.

4. Forty Five (45) Day Notice of Plugging and Abandonment.

The Permittee shall notify the Director at least forty-five (45) days prior to plugging and abandoning a well and provide notice of any anticipated change to the approved plugging and abanonment plan.

5. Plugging and Abandonment Report.

Within sixty (60) days after plugging a well, the Permittee shall submit a report (EPA Form 7520-13) to the Director. The plugging report shall be certified as accurate by the person who performed the plugging operation. Such report shall consist of either:

(a) A statement that the well was plugged in accordance with the approved plugging and abandonment plan; or

(b) Where actual plugging differed from the approved plugging and abandonment plan, an updated version of the plan, on the form supplied by the Director, specifying the differences.

6. Inactive Wells.

After any period of two years during which there is no injection the Permittee shall plug and abandon the well in accordance with Part II Section E Paragraph 2 of this Permit unless the Permittee:

(a) Provides written notice to the Director;

(b) Describes the actions or procedures the Permittee will take to ensure that the well will not endanger USDWs during the period of inactivity. These actions and procedures shall include compliance with mechanical integrity demonstration, Financial Responsibility and all other permit requirements designed to protect USDWs; and

(c) Receives written notice by the Director temporarily waiving plugging and abandonment requirements.

PART III. CONDITIONS APPLICABLE TO ALL PERMITS

Section A. EFFECT OF PERMIT

The Permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The Permittee shall not construct, operate, maintain, convert, plug, abandon, or conduct any other activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR 142 or may otherwise adversely affect the health of persons. Any underground injection activity not authorized by this Permit or by rule is prohibited. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of any other Federal, State or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment, for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the Permittee's independent obligation to comply with all UIC regulations. Nothing in this Permit relieves the Permittee of any duties under applicable regulations.

Section B. CHANGES TO PERMIT CONDITIONS

1. Modification, Reissuance, or Termination.

The Director may, for cause or upon a request from the Permittee, modify, revoke and reissue, or terminate this Permit in accordance with 40 CFR 124.5, 144.12, 144.39, and 144.40. Also, this Permit is subject to minor modification for causes as specified in 40 CFR 144.41. The filing of a request for modification, revocation and reissuance, termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any condition of this Permit.

2. Conversions.

The Director may, for cause or upon a written request from the Permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Conversion may not proceed until the Permittee receives written approval from the Director. Conditions of such conversion may include but are not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, well-specific monitoring and reporting following the conversion, and demonstration of practical use of the converted configuration.

3. Transfer of Permit.

Under 40 CFR 144.38, this Permit is transferable provided the current Permittee notifies the Director at least thirty (30) days in advance of the proposed transfer date (EPA Form 7520-7) and provides a written agreement between the existing and new Permittees containing a specific date for transfer of Permit responsibility, coverage and liability between them. The notice shall adequately demonstrate that the financial responsibility requirements of 40 CFR 144.52(a)(7) will be met by the new Permittee. The Director may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the Safe Drinking Water Act; in some cases, modification or revocation and reissuance is mandatory.

4. Permittee Change of Address.

Upon the Permittee's change of address, or whenever the operator changes the address where monitoring records are kept, the Permittee must provide written notice to the Director within 30 days.

5. Construction Changes, Workovers, Logging and Testing Data

The Permittee shall give advance notice to the Director, and shall obtain the Director's written approval prior to any physical alterations or additions to the permitted facility. Alterations or workovers shall meet all conditions as set forth in this permit. The Permittee shall record any changes to the well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workovers, logging , or test data to EPA within sixty (60) days of completion of the activity.

Following the completion of any well workovers or alterations which affect the casing, tubing, or packer, a successful demonstration of mechanical integrity (Part III, Section F of this Permit) shall be made, and written authorization from the Director received, prior to resuming injection activities.

Section C. SEVERABILITY

The Provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

Section D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR 144.5, information submitted to EPA pursuant to this Permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the Permittee, and
- information which deals with the existence, absence or level of contaminants in drinking water.

Section E. GENERAL PERMIT REQUIREMENTS

1. Duty to Comply.

The Permittee must comply with all conditions of this Permit. Any noncompliance constitutes a violation of the Safe Drinking Water Act (SDWA) and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application; except that the Permittee need not comply with the provisions of this Permit to the extent and for the duration such noncompliance is authorized in an emergency permit under 40 CFR 144.34. All violations of the SDWA may subject the Permittee to penalties and/or criminal prosecution as specified in Section 1423 of the SDWA.

2. *Duty to Reapply.*

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, under 40 CFR 144.37 the Permittee must apply for a new permit prior to the expiration date.

3. *Need to Halt or Reduce Activity Not a Defense.*

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

4. *Duty to Mitigate.*

The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Permit.

5. *Proper Operation and Maintenance.*

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit.

6. *Permit Actions.*

This Permit may be modified, revoked and reissued or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

7. *Property Rights.*

This Permit does not convey any property rights of any sort, or any exclusive privilege.

8. *Duty to Provide Information.*

The Permittee shall furnish to the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit. The Permittee is required to submit any information required by this Permit or by the Director to the mailing address designated in writing by the Director.

9. *Inspection and Entry.*

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

(a) Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;

(c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and,

(d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA, any substances or parameters at any location.

10. Signatory Requirements.

All applications, reports or other information submitted to the Director shall be signed and certified according to 40 CFR 144.32. This section explains the requirements for persons duly authorized to sign documents, and provides wording for required certification.

11. Reporting Requirements.

(a) Planned changes. The Permittee shall give notice to the Director as soon as possible of any planned changes, physical alterations or additions to the permitted facility, and prior to commencing such changes.

(b) Anticipated noncompliance. The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

(c) Monitoring Reports. Monitoring results shall be reported at the intervals specified in this Permit.

(d) Compliance schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.

(e) Twenty-four hour reporting. The Permittee shall report to the Director any noncompliance which may endanger human health or the environment, including:

(i) Any monitoring or other information which indicates that any contaminant may cause endangerment to a USDW; or

(ii) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between USDWs.

Information shall be provided, either directly or by leaving a message, within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning (800) 227-8917 and requesting EPA Region VIII UIC Program Compliance and Technical Enforcement Director, or by contacting the EPA Region VIII Emergency Operations Center at (303) 293-1788.

In addition, a follow up written report shall be provided to the Director within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

(f) Oil Spill and Chemical Release Reporting: The Permittee shall comply with all reporting requirements related to the occurence of oil spills and chemical releases by contacting the National Response Center (NRC) at (800) 424-8802, (202) 267-2675, or through the NRC website http://www.nrc.uscg.mil/index.htm.

(g) Other Noncompliance. The Permittee shall report all instances of noncompliance not reported under paragraphs Part III, Section E Paragraph 11(b) or Section E, Paragraph 11(e) at the time the monitoring reports are submitted. The reports shall contain the information listed in Paragraph 11(e) of this Section.

(h) Other information. Where the Permittee becomes aware that it failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the Permittee shall promptly submit such facts or information to the Director.

Section F. FINANCIAL RESPONSIBILITY

1. Method of Providing Financial Responsibility.

The Permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug, and abandon the underground injection well(s). No substitution of a demonstration of financial responsibility shall become effective until the Permittee receives written notification from the Director that the alternative demonstration of financial responsibility is acceptable. The Director may, on a periodic basis, require the holder of a permit to revise the estimate of the resources needed to plug and abandon the well to reflect changes in such costs and may require the Permittee to provide a revised demonstration of financial responsibility.

2. Insolvency.

In the event of:

(a) the bankruptcy of the trustee or issuing institution of the financial mechanism; or

(b) suspension or revocation of the authority of the trustee institution to act as trustee; or

(c) the institution issuing the financial mechanism losing its authority to issue such an instrument

the Permittee must notify the Director in writing, within ten (10) business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within sixty (60) days after any event specified in (a), (b), or (c) above.

The Permittee must also notify the Director by certified mail of the commencement of voluntary or involuntary proceedings under Title 11 (Bankruptcy), U.S. Code naming the owner or operator as debtor, within ten (10) business days after the commencement of the proceeding. A guarantor, if named as debtor of a corporate guarantee, must make such a notification as required under the terms of the guarantee.

APPENDIX A

WELL CONSTRUCTION REQUIREMENTS

The Odekirk Spring 2-36-8-17 was drilled to total depth of 6,000 feet in the basal Douglas Creek Member of the Green River Formation.

Surface casing (8-5/8 inch) was set at a depth of 309 feet (GL) in a 12-1/4 inch hole using 150 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 5,988 feet (KB) in a 7-7/8 inch hole with 580 sacks of cement. Annulus cement in the Confining Zone is not considered adequate to protect all USDWs. Top of cement by CBL at 800 feet.

Current injection perforations are in the Garden Gulch and Douglas Creek Members of the Green River Formation. Additional perforations may be added at a later time between the depths of 4,278 feet and the top of the Wasatch Formation (Estimated to be 6,322 feet) provided that the operator first notifies the Director and later submits an updated Well Rework Record (EPA Form 7520-12) and schematic diagram.

The packer will be set no higher than 100 feet above the top perforation.

Odekirk Spring #2-36-8-17

Spud Date: 6-8-98
Put on Production: 7-8-98
GL: 5039.9' KB: 5049.9'

Proposed Injection Wellbore Diagram

Initial Production: 130 BOPD,
54 MCFPD, 2 BWPD

SURFACE CASING

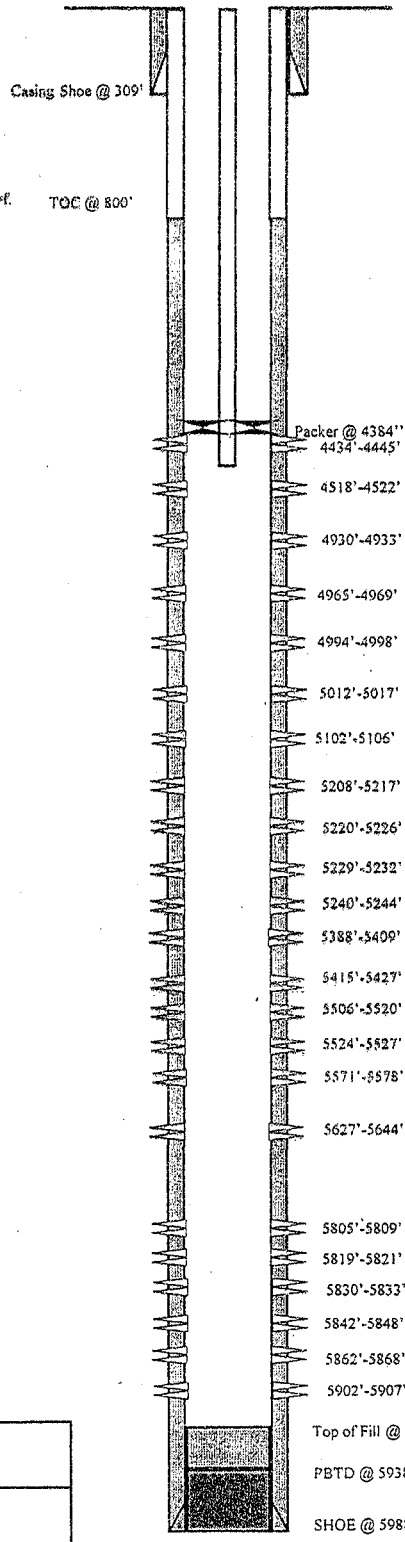
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 7 jts. (299')
DEPTH LANDED: 309'(GL)
HOLE SIZE:12-1/4"
CEMENT DATA: 150 sxs Premium cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (5979')
DEPTH LANDED: 5988'
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sx Premium mixed & 330 sx Class G
CEMENT TOP AT: 800'

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5# /M-50
NO. OF JOINTS: 180 jts. (5584.0')
TUBING ANCHOR: 5594.0' KB
NO. OF JOINTS: 1 jt. (32.5')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5629.2' KB
NO. OF JOINTS: 1 jt. (32.5')
GAS ANCHOR: 5662.9'
NO. OF JOINTS: 3 jts (94.6')
TOTAL STRING LENGTH: EOT @ 5763' KB



FRAC JOB

6-27-98	5805'-5907'	**Frac CP sands as follows:** 111,000# 20/40 sand in 697 bbls Viking frac fluid. Treated @ avg press of 1210 psi w/avg rate of 32.6 bpm. ISIP: 1500 psi. Calc. Flush: 5902 gal. Actual flush: 5775 gal.
6-30-98	5506'-5644'	**Frac LDC sand as follows:** 138,040# of 20/40 sand in 605 bbls Viking frac fluid. Treated @ avg press of 1700 psi w/avg rate of 33.6 bpm. ISIP-1800 psi. Calc. Flush: 5506 gal. Actual flush: 5418 gal.
7-1-98	5388'-5427'	**Frac A sand as follows:** 105,020# 20/40 sand in 539 bbls Viking frac fluid. Treated @ avg press of 1500 psi w/avg rate of 28.5 bpm. ISIP: 1800 psi. Calc. Flush: 5388 gal. Actual flush: 5292 gal.
7-3-98	5208'-5244'	**Frac B sands as follows:** 89,120# of 20/40 sand in 486 bbls Viking frac fluid. Treated @ avg press of 1603 psi w/avg rate of 26.4 bpm. ISIP-1640 psi. Calc. Flush: 5208 gal. Actual flush: 5124 gal.
12/20/00		Tubing leak. Update rod and tubing details.
11/26/02	4930'-5106'	**Frac D & C sands as follows:** 49,030# of 20/40 sand in 392 bbls YF 125 fluid. Treated @ avg press of 1525 psi w/avg rate of 18 bpm. ISIP-1900 psi. Calc. Flush: 4930 gal. Actual flush: 4807 gal.
11/26/02	4434'-4522'	**Frac GB sands as follows:** 48,274# of 20/40 sand in 378 bbls YF 125 fluid. Treated @ avg press of 1909 psi w/avg rate of 18.5 bpm. ISIP-2037 psi. Calc. Flush: 4434 gal. Actual flush: 4339 gal.
8/27/04		Tubing leak. Update rod and tubing details.
6-9-05		Parted rods. Update tubing detail.
03/06/06		Tubing Leak.
03/07/06		Tubing leak. Update rod and tubing details.
6/11/08		Tbg leak. Updated rod and tubing details.
11/17/2010		Parted rods. Updated rod and tubing detail.

PERFORATION RECORD

6-26-98	5805'-5809'	2 JSPF	8 holes
6-26-98	5819'-5821'	2 JSPF	6 holes
6-26-98	5830'-5833'	2 JSPF	6 holes
6-26-98	5842'-5848'	2 JSPF	12 holes
6-26-98	5862'-5868'	2 JSPF	12 holes
6-26-98	5902'-5907'	2 JSPF	12 holes
6-28-98	5506'-5520'	2 JSPF	28 holes
6-28-98	5524'-5527'	2 JSPF	12 holes
6-28-98	5571'-5578'	2 JSPF	14 holes
6-28-98	5627'-5644'	2 JSPF	34 holes
7-1-98	5388'-5409'	2 JSPF	42 holes
7-1-98	5415'-5427'	2 JSPF	24 holes
7-2-98	5208'-5217'	2 JSPF	18 holes
7-2-98	5220'-5226'	2 JSPF	12 holes
7-2-98	5229'-5232'	2 JSPF	6 holes
7-2-98	5240'-5244'	2 JSPF	8 holes
11-25-02	5102'-5106'	4 JSPF	16 holes
11-25-02	5012'-5017'	4 JSPF	20 holes
11-25-02	4994'-4998'	4 JSPF	16 holes
11-25-02	4965'-4969'	4 JSPF	16 holes
11-25-02	4930'-4933'	4 JSPF	12 holes
11-26-02	4518'-4522'	4 JSPF	16 holes
11-26-02	4434'-4445'	4 JSPF	44 holes

NEWFIELD

Odekirk Spring #2-36-8-17
781' FNL & 2062' FEL
NWNE Section 36-T8S-R17E
Uintah Co, Utah
API #43-047-33079; Lease #ML-44305

JL 10/12/2011

APPENDIX B

LOGGING AND TESTING REQUIREMENTS

Logs.
Logs will be conducted according to current UIC guidance. It is the responsibility of the Permittee to obtain and use guidance prior to conducting any well logging required as a condition of this permit.

NO LOGGING REQUIREMENTS

Tests.
Tests will be conducted according to current UIC guidance. It is the responsibility of the Permittee to obtain and use guidance prior to conducting any well test required as a condition of this permit.

WELL NAME: Odekirk Spring 2-36-8-17

TYPE OF TEST	DATE DUE
Pore Pressure	Prior to receiving authorization to inject.
Standard Annulus Pressure	Prior to receiving authorization to inject and at least once within any five year period following the last successful test.

APPENDIX C

OPERATING REQUIREMENTS

MAXIMUM ALLOWABLE INJECTION PRESSURE:

Maximum Allowable Injection Pressure (MAIP) as measured at the surface shall not exceed the pressure(s) listed below.

WELL NAME	MAXIMUM ALLOWED INJECTION PRESSURE (psi) ZONE 1 (Upper)
Odekirk Spring 2-36-8-17	1,225

INJECTION INTERVAL(S):

Injection is permitted only within the approved injection interval listed below. Injection perforations may be altered provided they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6. Specific injection perforations can be found in Appendix A.

WELL NAME: Odekirk Spring 2-36-8-17

FORMATION NAME	APPROVED INJECTION INTERVAL (KB, ft) TOP	BOTTOM	FRACTURE GRADIENT (psi/ft)
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members	4,278.00 -	6,322.00	0.716

ANNULUS PRESSURE:

The annulus pressure shall be maintained at zero (0) psi as measured at the wellhead. If this pressure cannot be maintained, the Permittee shall follow the procedures listed under Part II, Section C. 6. of this permit.

MAXIMUM INJECTION VOLUME:

There is no limitation on the number of barrels per day (bbls/day) of water that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Appendix C.

APPENDIX D

MONITORING AND REPORTING PARAMETERS

This is a listing of the parameters required to be observed, recorded, and reported. Refer to the permit Part II, Section D, for detailed requirements for observing, recording, and reporting these parameters.

OBSERVE MONTHLY AND RECORD AT LEAST ONCE EVERY THIRTY DAYS	
OBSERVE AND RECORD	Injection pressure (psig)
	Annulus pressure(s) (psig)
	Injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbls)

ANNUALLY	
ANALYZE	Injected fluid total dissolved solids (mg/l)
	Injected fluid specific gravity
	Injected fluid specific conductivity
	Injected fluid pH

ANNUALLY	
REPORT	Each month's maximum and averaged injection pressures (psig)
	Each month's maximum and minimum annulus pressure(s) (psig)
	Each month's injected volume (bbl)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

In addition to these items, additional Logging and Testing results may be required periodically. For a list of those items and their due dates, please refer to APPENDIX B - LOGGING AND TESTING REQUIREMENTS.

APPENDIX E

PLUGGING AND ABANDONMENT REQUIREMENTS

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

(1)□Isolate the injection zone: Remove down hole apparatus and perform clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

(2)□Isolate the Trona-Bird's Nest and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.

(3)□Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing centered on the contact between the Green River and Uinta Formations.

(4)□Isolate Surface Fluid Migration Paths:
a.□If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR

b.□If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND

c.□Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

No corrective action is deemed necessary for this project.

STATEMENT OF BASIS

NEWFIELD PRODUCTION CO.
ODEKIRK SPRING 2-36-8-17
UINTAH COUNTY, UT

EPA PERMIT NO. UT22218-09422

CONTACT: Emmett Schmitz
U. S. Environmental Protection Agency Region 8
Mailcode: 8P-W-UIC
1595 Wynkoop Street
Denver, Colorado 80202-1129
Telephone: 1-800-227-8917 ext. 312-6174

This STATEMENT OF BASIS gives the derivation of site-specific UIC Permit conditions and reasons for them. Referenced sections and conditions correspond to sections and conditions in the Permit.

EPA UIC permits regulate the injection of fluids into underground injection wells so that the injection does not endanger underground sources of drinking water. EPA UIC permit conditions are based upon the authorities set forth in regulatory provisions at 40 CFR Parts 144 and 146, and address potential impacts to underground sources of drinking water. Under 40 CFR 144.35 Issuance of this permit does not convey any property rights of any sort or any exclusive privilege, nor authorize injury to persons or property of invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. Under 40 CFR 144 Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General Permit conditions for which the content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

Upon the Effective Date when issued, the Permit authorizes the construction and operation of injection wells so that the injection does not endanger underground sources of drinking water, governed by the conditions specified in the Permit. The Permit is issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR 144.39, 144.40 and 144.41. The Permit is subject to EPA review at least once every five (5) years to determine if action is required under 40 CFR 144.36(a).

PART I. General Information and Description of Facility

Newfield Production Co.
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

on

November 15, 2011

submitted an application for an Underground Injection Control (UIC) Program Permit or Permit Modification for the following injection well or wells:

Odekirk Spring 2-36-8-17
781' FNL & 2062'FEL, NWNE S36, T8S, R17E
Uintah County, UT

Regulations specific to Uintah-Ouray Indian Reservation injection wells are found at 40 CFR 147 Subpart TT.

The application, including the required information and data necessary to issue or modify a UIC Permit in accordance with 40 CFR Parts 144, 146 and 147, was reviewed and determined by EPA to be complete.

The Permit will expire upon delegation of primary enforcement responsibility (primacy) for applicable portions of the UIC Program to the Ute Indian Tribe or the State of Utah unless the delegated agency has the authority and chooses to adopt and enforce this Permit as a Tribal or State Permit.

TABLE 1.1 shows the status of the well or wells as "New", "Existing", or "Conversion" and for Existing shows the original date of injection operation. Well authorization "by rule" under 40 CFR Part 144 Subpart C expires automatically on the Effective Date of an issued UIC Permit.

The Odekirk Spring 2-36-8-17 is currently an active Green River Formation Garden Gulch and Douglas Creek Members oil well. The applicant seeks EPA authorization to convert this well to a Class II enhanced recovery injection well.

TABLE 1.1

WELL STATUS / DATE OF OPERATION

NEW WELLS		
Well Name	**Well Status**	**Date of Operation**
Odekirk Spring 2-36-8-17	New	N/A

PART II. Permit Considerations (40 CFR 146.24)

Hydrogeologic Setting

Water wells for domestic supply in this area, when present, generally are completed into the shallow alluvium, the Duchesne River Formation, or the underlying Uinta Formation, and the water generally contains approximately 500 to 1,500 mg/l and higher total dissolved solids.

The Uinta-Animas aquifer in the Uinta Basin is present in water-yielding beds of sandstone, conglomerate, and siltstone of the Duchesne River and Uinta Formations, the Renegade Tongue of the Wasatch Formation, and the Douglas Creek Member of the Green River Formation. The Renegade Tongue of the Wasatch Formation and the Douglas Creek Member of the Green River Formation contain an aquifer along the southern and eastern margins of the basin where the rocks primarily consist of fluvial, massive, irregularly bedded sandstone and siltstone. Water-yielding units in the Uinta-Animas aquifer in the Uinta Basin commonly are separated from each other and from the underlying Mesaverde aquifer by units of low permeability composed of claystone, shale, marlstone, or limestone. In the Uinta Basin, for example, the part of the aquifer in the Duchesne River and Uinta Formations ranges in thickness from 0 feet at the southern margin of the aquifer to as much as 9,000 feet in the north-central part of the aquifer. Ground-water recharge to the Uinta-Animas aquifer generally occurs in the areas of higher altitude along the margins of the basin. Ground water is discharged mainly to streams, springs, and by transpiration from vegetation growing along stream valleys. The rate of ground-water withdrawal is small, and natural discharge is approximately equal to recharge. Recharge occurs near the southern margin of the aquifer, and discharge occurs near the White and Green Rivers (from USGS publication HA 730-C). Water samples from Mesaverde sands in the nearby Natural Buttes Unit yielded highly saline water.

Geologic Setting (TABLE 2.1)

The proposed Class II enhanced oil recovery injection well is located in the Greater Monument Butte Field, T7-9S and R15-19E, which lies near the center of the broad, gently northward dipping south flank of the Uinta Basin. More than 450 million barrels of oil (63 MT) have been produced from sediments of the Uinta Basin. The Uinta Basin is a topographic and structural trough encompassing an area of more than 9,300 square miles (14,900 km) in northeast Utah. The basin is sharply asymmetrical, with a steep north flank bounded by the east-west-trending Uinta Mountains, and a gently dipping south flank. The Uinta Basin was formed in Paleocene to Eocene time, creating a large area of internal drainage which was filled by the ancestral Lake Uinta. The lacustrine, or fresh water lake-formed, sediments deposited in and around Lake Uinta make up the Uintah and Green River Formations. The southern shore of Lake Uinta was very broad and flat, resulting in large cyclic shifts of the location of the shoreline during the many repeated transgressive and regressive cycles caused by the climatic and tectonic-induced rise and fall of water levels of the lake. Distributary-mouth bars, distributary channels, and near-shore bars are the primary oil producing sandstone reservoirs in the area. (Ref: "Reservoir Characterization of the Lower Green River Formation, Southwest Uinta Basin, Utah Biannual Technical Progress Report, 4/1/99-9/30/99", by C. D. Morgan, Program Manager, November 1999, Contract DE-AC26-98BC15103).

The Duchesne River Formation is absent in this area. Shale and siltstone of the Uintah Formation outcrop and compose the surface rock throughout the area. The lower 600 feet to 800 feet of the Uinta Formation, consisting generally of shale interbedded with occasionally water-bearing

sandstone lenses between 5 feet to 20 feet thick, is underlain by the Green River Formation. The Green River Formation is further subdivided into several Member and local marker units. The cyclic nature of Green River deposition in the southern shore area resulted in numerous stacked, intertonguing deltaic and near-shore sand and silt deposits. Red alluvial shale and siltstone deposits that intertongue with the Green River sediments are of the Colton and Wasatch Formations. Under the Wasatch Formation is the Mesaverde Formation, which consists primarily of continental-origin deposits of interbedded shale, sandstone, and coal.

The geologic dip is about 200 feet per mile, and there are no known surface faults in this area. Veins of gilsonite, a natural resinous hydrocarbon occasionally mined as a resource, occurs in the greater Uintah Basin though it is predominantly found on the eastern margin of the basin near the Colorado border. Vertical veins, generally between 2 feet to 6 feet wide but up to 28 feet wide, may extend many miles in length and occasionally extend as deep as 2,000 feet.

TABLE 2.1
GEOLOGIC SETTING
Odekirk Spring 2-36-8-17

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uinta: Public. 92	0	25	< 10,000	Sand. Shale.
Uinta	25	1,643	< 10,000	Sand, shale, carbonate.
Green River: Trona	3,165	3,206		Evaporite
Green River: Mahogany Bench	3,206	3,226		Shale
Green River: Garden Gulch Marker	3,989	4,161		Sand, shale, carbonate
Green River; Garden Gulch No. 1	4,161	4,278		Sand, shale, carbonate.
Green River: Garden Gulch No. 2	4,278	4,913	15,984	Sand, shale, carbonate
Green River: Douglas Creek Member	4,913	6,322	15,984	Sand, shale, carbonate
Green River: Basal Carbonate Mem.	6,185	6,322		Basal Carbonate interval an estimate.

Proposed Injection Zone(s) (TABLE 2.2)

An injection zone is a geological formation, group of formations, or part of a formation that receives fluids through a well. The proposed injection zones are listed in TABLE 2.2.

Injection will occur into an injection zone that is separated from USDWs by a confining zone which is free of known open faults or fractures within the Area of Review.

The approved interval for Class II enhanced recovery injection is located between the top of the Garden Gulch Member No. 2 (4,278 feet) and the top of the Wasatch Formation which has an estimated top of 6,322 feet..

TABLE 2.2
INJECTION ZONES
Odekirk Spring 2-36-8-17

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members	4,278	6,322	15,984	0.716		N/A

* **C - Currently Exempted**
E - Previously Exempted
P - Proposed Exemption
N/A - Not Applicable

Confining Zone(s) (TABLE 2.3)

A confining zone is a geological formation, part of a formation, or a group of formations that limits fluid movement above the injection zone. The confining zone or zones are listed in TABLE 2.3.

The administrative Confining Zone occurs in the Garden Gulch Member from 3,807 feet to 4,278 feet.

TABLE 2.3
CONFINING ZONES
Odekirk Spring 2-36-8-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	Sand, shale, carbonate.	3,807	4,278

Underground Sources of Drinking Water (USDWs) (TABLE 2.4)

Aquifers or the portions thereof which contain less than 10,000 mg/l total dissolved solids (TDS) and are being or could in the future be used as a source of drinking water are considered to be USDWs. The USDWs in the area of this facility are identified in TABLE 2.4.

The State of Utah "Water Wells and Springs", http//NRWRT1.STATE.UT.US, identifies no public water supply wells within the one-quarter (1/4) mile Area-of-Review (AOR) around the Odekirk Spring 2-36-8-17.

Technical Publication No. 92: State of Utah, Department of Natural Resources, cites the base of Underground Sources of Drinking Water (USDW) in the Uinta Formation, approximately 25 feet from the surface.

Absent definitive analyses of water within the Uinta Formation (Surface to top of Green River Formation at 1,643 feet) is considered a potential USDW with total dissolved solids less than 10,000 mg/l.

TABLE 2.4
UNDERGROUND SOURCES OF DRINKING WATER (USDW)
Odekirk Spring 2-36-8-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Uinta: Public. 92.	Sand, shale.	0	25	< 10,000
Uinta	Sand, shale, carbonate.	25	1,643	< 10,000

PART III. Well Construction (40 CFR 146.22)

The Odekirk Spring 2-36-8-17 was drilled to total depth of 6,000 feet in the basal Douglas Creek Member of the Green River Formation.

Surface casing (8-5/8 inch) was set at a depth of 309 feet (GL) in a 12-1/4 inch hole using 150 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 5,988 feet (KB) in a 7-7/8 inch hole with 580 sacks of cement. Annulus cement in the Confining Zone is not considered adequate to protect all USDWs. Top of cement by CBL at 800 feet.

Current injection perforations are in the Garden Gulch and Douglas Creek Members of the Green River Formation. Additional perforations may be added at a later time between the depths of 4,278 feet and the top of the Wasatch Formation (Estimated to be 6,322 feet) provided that the operator first notifies the Director and later submits an updated Well Rework Record (EPA Form 7520-12) and schematic diagram.

The packer will be set no higher than 100 feet above the top perforation.

TABLE 3.1
WELL CONSTRUCTION REQUIREMENTS
Odekirk Spring 2-36-8-17

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Production	7.88	5.50	0 - 5,988	800 - 5,988
Surface	12.25	8.63	0 - 309	0 - 309

The approved well completion plan will be incorporated into the Permit as APPENDIX A and will be binding on the Permittee. Modification of the approved plan is allowed under 40 CFR 144.52(a)(1) provided written approval is obtained from the Director prior to actual modification.

Casing and Cementing (TABLE 3.1)

The well construction plan was evaluated and determined to be in conformance with standard practices and guidelines that ensure well injection does not result in the movement of fluids into

USDWs. Well construction details for this "new" injection well is shown in TABLE 3.1.

Remedial cementing may be required if the casing cement is shown to be inadequate by cement bond log or other demonstration of Part II (External) mechanical integrity.

Tubing and Packer

Injection tubing is required to be installed from a packer up to the surface inside the well casing. The packer will be set above the uppermost perforation. The tubing and packer are designed to prevent injection fluid from coming into contact with the outermost casing.

Tubing-Casing Annulus (TCA)

The TCA allows the casing, tubing and packer to be pressure-tested periodically for mechanical integrity, and will allow for detection of leaks. The TCA will be filled with fresh water treated with a corrosion inhibitor or other fluid approved by the Director.

The tubing/casing annulus must be kept closed at all times so that it can be monitored as required under the Permit..

Monitoring Devices

The permittee will be required to install and maintain wellhead equipment that allows for monitoring pressures and providing access for sampling the injected fluid. Required equipment may include but is not limited to: 1) shut-off valves located at the wellhead on the injection tubing and on the TCA; 2) a flow meter that measures the cumulative volume of injected fluid; 3) fittings or pressure gauges attached to the injection tubing and the TCA for monitoring the injection and TCA pressure; and 4) a tap on the injection line, isolated by shut-off valves, for sampling the injected fluid.

All sampling and measurement taken for monitoring must be representative of the monitored activity.

PART IV. Area of Review, Corrective Action Plan (40 CFR 144.55)

TABLE 4.1
AOR AND CORRECTIVE ACTION

Well Name	Type	Status (Abandoned Y/N)	Total Depth (ft)	TOC Depth (ft)	CAP Required (Y/N)
GMBU B-36-8-17	Producer	No	6,490	104	No
GMBU H-36-8-17	Producer	No	6,445	44	No
GMBU I-36-8-17	Producer	No	6,488	46	No
GMBU C-36-8-17	Producer	No	6,446	44	No
Odekirk Spring 1-36-8-17	Injector	No	6,170	683	No
Odekirk Spring 3-36-8-17	Injector	No	6,050	1,415	No
Odekirk Spring 7-36-8-17	Injector	No	6,120	560	No

TABLE 4.1 lists the wells in the Area of Review ("AOR") and shows the well type, operating status, depth, top of casing cement ("TOC") and whether a Corrective Action Plan ("CAP") is required for the well.

Area Of Review

Applicants for Class I, II (other than "existing" wells) or III injection well Permits are required to identify the location of all known wells within the injection well's Area of Review (AOR) which penetrate the injection zone, or in the case of Class II wells operating over the fracture pressure of the formation, all known wells within the area of review that penetrate formations which may be affected by increased pressure. Under 40 CFR 146.6 the AOR may be a fixed radius of not less than one quarter (1/4) mile or a calculated zone of endangering influence. For Area Permits, a fixed width of not less than one quarter (1/4) mile for the circumscribing area may be used.

Corrective Action Plan

For wells in the AOR which are improperly sealed, completed, or abandoned, the applicant shall develop a Corrective Action Plan (CAP) consisting of the steps or modifications that are necessary to prevent movement of fluid into USDWs.

The CAP will be incorporated into the Permit as APPENDIX F and become binding on the permittee.

PART V. Well Operation Requirements (40 CFR 146.23)

TABLE 5.1
INJECTION ZONE PRESSURES
Odekirk Spring 2-36-8-17

Formation Name	Depth Used to Calculate MAIP (ft)	Fracture Gradient (psi/ft)	Initial MAIP (psi)
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members	4,434	0.716	1,225

Approved Injection Fluid

The approved injection fluid is limited to Class II injection well fluids pursuant to 40 CFR § 144.6(b). For disposal wells injecting water brought to the surface in connection with natural gas storage operations, or conventional oil or natural gas production, the fluid may be commingled and the well used to inject other Class II wastes such as drilling fluids and spent well completion, treatment and stimulation fluid. Injection of non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes, and vacuum truck and drum rinsate from trucks and drums transporting or containing non-exempt waste, is prohibited.

The proposed inject will be a blend of water from Green River oil wells proximate to the Odekirk Spring 2-36-8-17 and/or the Green River and/or water from the Johnsom Water District reservoir.

Injection Pressure Limitation

Injection pressure, measured at the wellhead, shall not exceed a maximum calculated to assure

that the pressure used during injection does not initiate new fractures or propagate existing fractures in the confining zones adjacent to the USDWs.

The applicant submitted injection fluid density and injection zone data which was used to calculate a formation fracture pressure and to determine the maximum allowable injection pressure (MAIP), as measured at the surface, for this Permit.

TABLE 5.1 lists the fracture gradient for the injection zone and the approved MAIP, determined according to the following formula:

$$FP = [fg - (0.433 * sg)] * d$$

FP = formation fracture pressure (measured at surface)
fg = fracture gradient (from submitted data or tests)
sg = specific gravity (of injected fluid)
d = depth to top of injection zone (or top perforation)

Injection Volume Limitation

Cumulative injected fluid volume limits are set to assure that injected fluids remain within the boundary of the exempted area. Cumulative injected fluid volume is limited when injection occurs into an aquifer that has been exempted from protection as a USDW.

There will be no restrictions on the cumulative volume of authorized fluid injected into the Green River Formation 4,278 feet to the top of the Wasatch Formation which is estimated to be 6,322 feet.

Mechanical Integrity (40 CFR 146.8)

An injection well has mechanical integrity if:

1. there is no significant leak in the casing, tubing, or packer (Part I); and
2. there is no significant fluid movement into a USDW through vertical channels adjacent to the injection well bore (Part II).

The Permit prohibits injection into a well which lacks mechanical integrity.

The Permit requires that the well demonstrate mechanical integrity prior to injection and periodically thereafter. A demonstration of mechanical integrity includes both internal (Part I) and external (Part II). The methods and frequency for demonstrating Part I and Part II mechanical integrity are dependent upon well-specific conditions as explained below.

Well construction and site-specific conditions dictate the following requirements for Mechanical Integrity (MI) demonstrations:

PART I MI: Internal MI will be demonstrated prior to beginning injection. Since this well is constructed with a standard casing, tubing, and packer configuration, a successful mechanical integrity test (MIT) is required to take place at least once every five (5) years. A demonstration of Part I MI is also required prior to resuming injection following any workover operation that affects the casing, tubing or packer. Part I MI may be demonstrated by a standard tubing-casing annulus pressure test using the maximum permitted injection pressure or 1,000 psi, which ever is less, with a ten (10) percent or less pressure loss over thirty (30) minutes.

PART II MI: The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the administrative confining zone (3,807 feet - 4,278 feet), by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the Permit, an extension of the period of Limited Authorization to Inject may be requested. A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate Part II Mechanical Integrity using an approved Part II demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

PART VI. Monitoring, Recordkeeping and Reporting Requirements

Injection Well Monitoring Program

At least once a year the permittee must analyze a sample of the injected fluid for total dissolved solids (TDS), specific conductivity, pH, and specific gravity. This analysis shall be reported to EPA annually as part of the Annual Report to the Director. Any time a new source of injected fluid is added, a fluid analysis shall be made of the new source.

Instantaneous injection pressure, injection flow rate, cumulative fluid volume and TCA pressures must be observed on a weekly basis. A recording, at least once every thirty (30) days, must be made of the injection pressure, annulus pressure, monthly injection flow rate and cumulative fluid volume. This information is required to be reported annually as part of the Annual Report to the Director.

PART VII. Plugging and Abandonment Requirements (40 CFR 146.10)

Plugging and Abandonment Plan

Prior to abandonment, the well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs, and in accordance with any applicable Federal, State or local law or regulation. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520 13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. The plugging and abandonment plan is described in Appendix E of the Permit.

PART VIII. Financial Responsibility (40 CFR 144.52)

Demonstration of Financial Responsibility

The permittee is required to maintain financial responsibility and resources to close, plug, and abandon the underground injection operation in a manner prescribed by the Director. The permittee shall show evidence of such financial responsibility to the Director by the submission of a surety bond, or other adequate assurance such as financial statements or other materials acceptable to the Director. The Regional Administrator may, on a periodic basis, require the holder of a lifetime permit to submit a revised estimate of the resources needed to plug and abandon the well to reflect inflation of such costs, and a revised demonstration of financial responsibility if necessary. Initially, the operator has chosen to demonstrate financial responsibility with:

A demonstration of Financial Responsibility in the amount of $42,000 has been reviewed and approved by the EPA on December 21, 2011.

The Director may revise the amount required, and may require the Permittee to obtain and provide updated estimates of plugging and abandonment costs according to the approved Plugging and Abandonment Plan.

Evidence of continuing financial responsibility is required to be submitted to the Director annually.

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 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 (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: ODEKIRK SPRING 2-36-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047330790000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0781 FNL 2062 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 12/11/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☑ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: Put on Injection

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

The above reference well was put on injection at 10:40 AM on 12/11/2012. EPA # UT22218-09422

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
December 13, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 12/12/2012

RECEIVED: Dec. 12, 2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

DEC 03 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, Utah 84052

RE: Underground Injection Control (UIC)
Minor Permit Modification and
Limited Authorization to Inject
EPA UIC Permit UT22218-09422
Well: Odekirk Springs 2-36-8-17
NWNE Sec 36-T8S-R17E
Uintah County, Utah
API No.: 43-047-33079

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 received Newfield Production Company's (Newfield) October 31, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT22218-09422.

Upon review of the conversion package, the EPA determined that a Radioactive Tracer Survey (RTS) should have been required in the final UIC permit for the Odekirk Springs 2-36-8-17 well because the cementing records do not show a sufficient interval of 80 percent cement bond index or greater through the EPA-designated confining zone. UIC Permit UT22218-09422 is hereby modified to require a RTS within 180 days of the commencement of injection and no less than once every five years thereafter.

As of the date of this letter, Newfield is authorized to commence injection into the Odekirk Springs 2-36-8-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,225 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required. If Newfield seeks a higher MAIP than 1,225 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of, and to comply with, all conditions of Permit UT22218-09422.

If you have questions regarding the above action, please call Jason Deardorff at (303) 312-6583 or (800) 227-8917, extension 312-6583. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-UIC.

Sincerely,

Derrith Watchman-Moore
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:
Irene Cuch, Chairwoman
Richard Jenks, Jr., Councilman
Frances Poowegup, Councilwoman
Ronald Wopsock, Vice-Chairman
Phillip Chimburas, Councilman
Stewart Pike, Councilman

Johnna Blackhair
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

Odekirk Spring 2-36-8-17

Injection Wellbore Diagram

Spud Date: 6-8-98
Put on Production: 7-8-98
GL: 5039.9' KB: 5049.9'

Initial Production: 130 BOPD,
54 MCFPD, 2 BWPD

SURFACE CASING

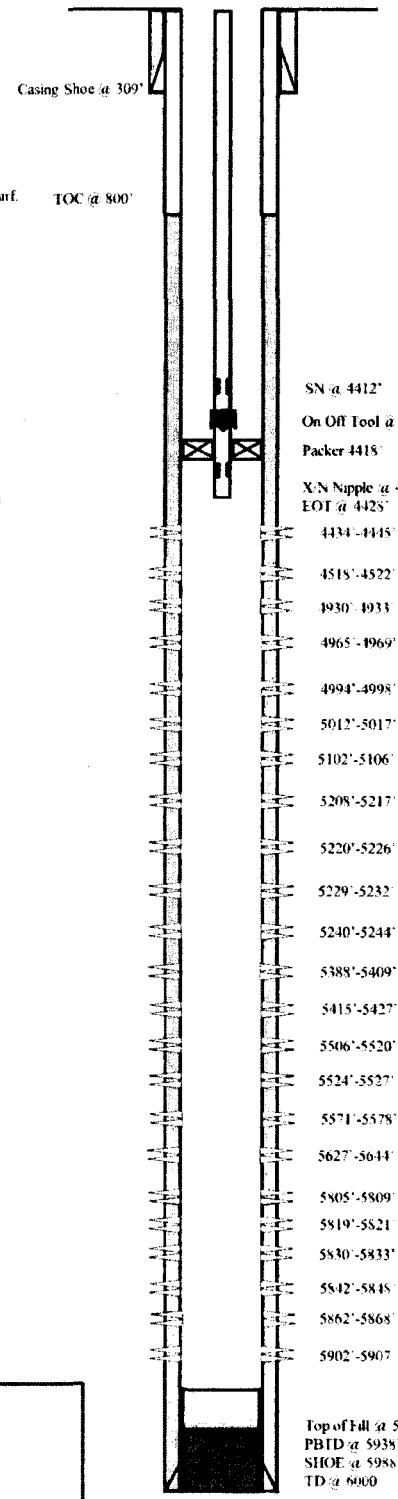
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (299')
DEPTH LANDED: 309' (GL)
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Premium cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (5979')
DEPTH LANDED: 5988'
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sx Premium mixed & 330 sx Class G
CEMENT TOP AT: 800'

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 142 jts. (4401.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4411.6' KB
ON/OFF TOOL AT: 4412.7'
ARROW #1 PACKER CE AT: 4417.81'
XO 2-3/8 x 2-7/8 J-55 AT: 4421.5'
TBG PUP 2-3/8 J-55 AT: 4422'
X/N NIPPLE AT: 4426'
TOTAL STRING LENGTH: EOT @ 4428'



FRAC JOB

6-27-98	**5805'-5907'**	**Frac CP sands as follows:** 111,000# 20/40 sand in 697 bbls Viking frac fluid. Treated @ avg press of 1210 psi w/avg rate of 32.6 bpm. ISIP: 1500 psi. Calc. Flush: 5902 gal. Actual flush: 5775 gal.
6-30-98	**5506'-5644'**	**Frac LDC sand as follows:** 128,040# of 20/40 sand in 605 bbls Viking frac fluid. Treated @ avg press of 1700 psi w/avg rate of 35.6 bpm. ISIP-1800 psi. Calc. Flush: 5506 gal. Actual flush: 5418 gal.
7-1-98	**5388'-5427'**	**Frac A sand as follows:** 105,020# 20/40 sand in 539 bbls Viking frac fluid. Treated @ avg press of 1500 psi w/avg rate of 28.5 bpm. ISIP: 1800 psi. Calc. Flush: 5388 gal. Actual flush: 5292 gal.
7-3-98	**5208'-5244'**	**Frac B sands as follows:** 89,120# of 20/40 sand in 486 bbls Viking frac fluid. Treated @ avg press of 1603 psi w/avg rate of 26.4 bpm. ISIP-1640 psi. Calc. Flush: 5208 gal. Actual flush: 5124 gal.
12/20/00		Tubing leak. Update rod and tubing details.
11/26/02	**4930'-5106'**	**Frac D & C sands as follows:** 49,030# of 20/40 sand in 392 bbls YF 125 fluid. Treated @ avg press of 1525 psi w/avg rate of 18 bpm. ISIP-1900 psi. Calc. Flush: 4930 gal. Actual flush: 4807 gal.
11/26/02	**4434'-4522'**	**Frac GB sands as follows:** 48,274# of 20/40 sand in 378 bbls YF 125 fluid. Treated @ avg press of 1909 psi w/avg rate of 18.5 bpm. ISIP-2037 psi. Calc. Flush: 4434 gal. Actual flush: 4339 gal.
8/27/04		**Tubing leak.** Update rod and tubing details.
6/9/05		**Parted rods.** Update tubing detail
03/06/06		**Tubing Leak.**
03/07/06		**Tubing leak.** Update rod and tubing details.
6/11/08		**Tbg leak.** Updated rod and tubing details.
11/17/2010		**Parted rods.** Updated rod and tubing detail
10/24/12		**Convert to Injection Well**
10/25/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

6-26-98	5805'-5809'	2 JSPF	8 holes
6-26-98	5819'-5821'	2 JSPF	6 holes
6-26-98	5830'-5833'	2 JSPF	6 holes
6-26-98	5842'-5848'	2 JSPF	12 holes
6-26-98	5862'-5868'	2 JSPF	12 holes
6-26-98	5902'-5907'	2 JSPF	12 holes
6-28-98	5506'-5520'	2 JSPF	28 holes
6-28-98	5524'-5527'	2 JSPF	12 holes
6-28-98	5571'-5578'	2 JSPF	14 holes
6-28-98	5627'-5644'	2 JSPF	34 holes
7-1-98	5388'-5409'	2 JSPF	42 holes
7-1-98	5415'-5427'	2 JSPF	24 holes
7-2-98	5208'-5217'	2 JSPF	18 holes
7-2-98	5220'-5226'	2 JSPF	12 holes
7-2-98	5229'-5232'	2 JSPF	6 holes
7-2-98	5240'-5244'	2 JSPF	8 holes
11-25-02	5102'-5106'	4 JSPF	16 holes
11-25-02	5012'-5017'	4 JSPF	20 holes
11-25-02	4994'-4998'	4 JSPF	16 holes
11-25-02	4965'-4969'	4 JSPF	16 holes
11-25-02	4930'-4933'	4 JSPF	12 holes
11-26-02	4518'-4522'	4 JSPF	16 holes
11-26-02	4434'-4445'	4 JSPF	44 holes

NEWFIELD

Odekirk Spring 2-36-8-17
781' FNL & 2062' FEL
NWNE Section 36-T8S-R17E
Uintah Co, Utah
API #43-047-33079; Lease #ML-44305

LCN 10/30/12

NEWFIELD

October 31, 2012

Mr. Jason Deardorff
8P-W-GW
US EPA Region 8
1595 Wynkoop Street
Denver, Colorado 80202-1129

RE: Injection Conversion
Well: Odekirk Springs 2-36-8-17
EPA #: UT22218-09422
API #: 43-047-33079

Dear Mr. Deardorff:

The subject well was converted from a producing oil well to a water injection well. Attached are the EPA Form 7520-12, MIT Pressure Test, an updated wellbore diagram, a copy of the chart, and Daily Activity report. The pore pressure for this well has been calculated to be 1270 psia.

You may contact me at 435-646-4874 or lchavez-naupoto@newfield.com if you require further information.

Sincerely,

Lucy Chavez-Naupoto
Water Services Technician

Rt 3 Box 3630 10530 South Country Road #33 Myton, UT 84052 (435) 646-3721 Fax (435) 646-3031

Form Approved. OMB No 2000 0042. Approval expires 9-30-86

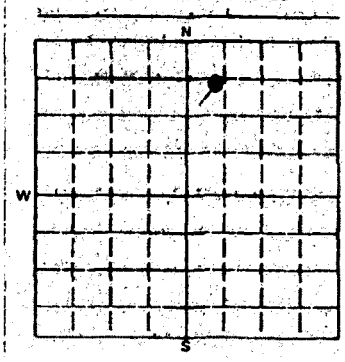
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

EPA

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR
Newfield Production Company 410 17th Street, Suite 700 Denver, Colorado 80202-4402	Same as Permittee

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT -- 640 ACRES



STATE	COUNTY	PERMIT NUMBER
Utah	Duchesne	UT22218-09422

SURFACE LOCATION DESCRIPTION
1/4 OF NW 1/4 OF NE SECTION 36 TOWNSHIP 8S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 781 ft. from (N/S) N Line of quarter section
and 2062 ft. from (E/W) E Line of quarter section

WELL ACTIVITY	Total Depth Before Rework (ft)	TYPE OF PERMIT
[ ] Brine Disposal	6000	[X] Individual
[X] Enhanced Recovery	Total Depth After Rework (ft)	[ ] Area
[ ] Hydrocarbon Storage	6000	Number of Wells 1
Lease Name	Date Rework Commenced 10/18/2012	Well Number
Odekirk Spring	Date Rework Completed 10/25/2012	2-36-8-17

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations (ft)		Acid or Fracture Treatment Record
Size	Depth (ft)	Sacks	Type	From	To	
8 5/8"	309	150	Premium	5805	5907	Perf and frac
5 1/2"	5988	250	Premium	5506	5644	Perf and frac
		330	Class G	5388	5427	Perf and frac
				5208	5244	Perf and frac
				4930	5106	Perf and frac
				4434	4522	Perf and frac

WELL CASING RECORD -- AFTER REWORK *(Indicate Additions and Changes Only)*

Casing		Cement		Perforations (ft)		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE Log Types / Logged Intervals
See attached "Daily Workover Report"	

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 amaware 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)*	SIGNATURE	DATE SIGNED
Lucy Chavez-Naupoto Water Services Technician	Lucy Chavez-Naupoto	October 31, 2012

EPA Form 7520-12 (2-84)

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-44305

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL: Oil Well

8. WELL NAME and NUMBER: ODEKIRK SPRING 2-36-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047330790000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0781 FNL 2062 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 10/25/2012	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The subject well has been converted from a producing oil well to an injection well on 10/24/2012. On 10/25/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 10/25/2012 the casing was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22218-09422

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE: N/A		DATE: 11/1/2012

RECEIVED: Nov. 01, 2012

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: 10/25/12
Test conducted by: Cody VanderLinden
Others present: _____

UT22218-05422

Well Name: Dekin 2-36-8-17 Type: ER SWD Status: AC TA UC
Field: Monument Butte
Location: 2-36-8-17 Sec: 36 T 8 N (S) R 17 (E) W County: Duchesne State: Utah.
Operator: _____
Last MIT: / / Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? [ ] Yes [+] No
Initial test for permit? [X] 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	120 psig	psig	psig
End of test pressure	120 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1750 psig	psig	psig
5 minutes	1750 psig	psig	psig
10 minutes	1750 psig	psig	psig
15 minutes	1750 psig	psig	psig
20 minutes	1750 psig	psig	psig
25 minutes	1750 psig	psig	psig
30 minutes	1750 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

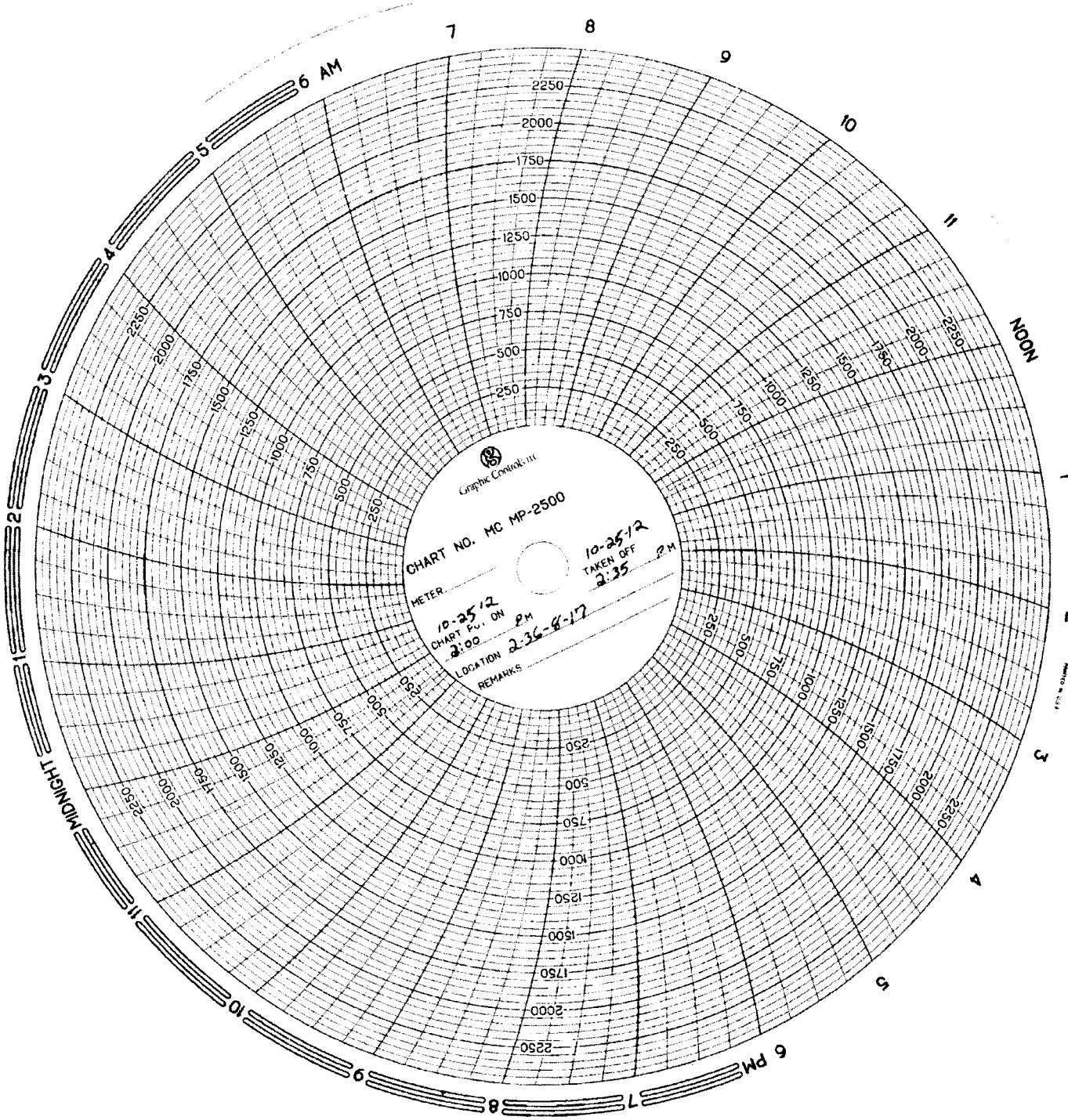
Does the annulus pressure build back up after the test ? [ ] Yes [ ] No

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: _____


Graphic Controls LLC
CHART NO. MC MP-2500
METER
10-25-12
TAKEN OFF
2:35 PM
10-25-12
CHART PUT ON
2:00 PM
LOCATION 2-36-8-17
REMARKS
6 AM
NOON
MIDNIGHT
6 PM
250
500
750
1000
1250
1500
1750
2000
2250

Daily Activity Report

Format For Sundry

ODEKIRK 2-36-8-17

8/1/2012 To 12/30/2012

10/18/2012 Day: 1 **Conversion**

NC #2 on 10/18/2012 - Maintance & Steam On NC#2 - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - 6:30AM To 7:00AM C/ Travl: Safety Meeting 8:00AM To 1:00PM, MIRUSU, RDPU, H/ Oiler Pumped 60BW Down Csg, LD Polished Rod, US Rod Pmp, H/ Oiler Pmp 40BW Down Tbg, Soft Seat Pmp, Tbg PT Failed @ 2800psi, 30BW To Fill, POOH W/ 60 Rods...SWIFN...7:00PM To 7:30PM - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) - MISU, Maintance, Steam On NC2, Unable To RUSU Due To Weather Con (Wind) **Finalized**

Daily Cost: $0

Cumulative Cost: $4,560

10/22/2012 Day: 3 **Conversion**

NC #2 on 10/22/2012 - Conti LD Rod String, NU BOP, RU Workfloor - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pmped 30BW Down Tbg, SWI Mech On NC2 Until 2:30PM, Cont LD Rod String: 89- 3/4" 4per Guided Rod, 75- 3/4" Plain Rods, 55- 3/4" 4per Guided Rods, 6- 1 1/2" Wt. Bars, 2.5"x 1.5"x16' John Crane Rod Pmp (Signs Of Scale On Screen & Pull Rod), XO For Rods, ND B1 Adaptor, US TA, NU Weatherford BOP, RU Workfloor...SWIFWE.. 7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pmped 30BW Down Tbg, SWI Mech On NC2 Until 2:30PM, Cont LD Rod String: 89- 3/4" 4per Guided Rod, 75- 3/4" Plain Rods, 55- 3/4" 4per Guided Rods, 6- 1 1/2" Wt. Bars, 2.5"x 1.5"x16' John Crane Rod Pmp (Signs Of Scale On Screen & Pull Rod), XO For Rods, ND B1 Adaptor, US TA, NU Weatherford BOP, RU Workfloor...SWIFWE.. 7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pmped 30BW Down Tbg, SWI Mech On NC2 Until 2:30PM, Cont LD Rod String: 89- 3/4" 4per Guided Rod, 75- 3/4" Plain Rods, 55- 3/4" 4per Guided Rods, 6- 1 1/2" Wt. Bars, 2.5"x 1.5"x16' John Crane Rod Pmp (Signs Of Scale On Screen & Pull Rod), XO For Rods, ND B1 Adaptor, US TA, NU Weatherford BOP, RU Workfloor...SWIFWE.. 7:00PM To 7:30PM C/ Travl **Finalized**

Daily Cost: $0

Cumulative Cost: $20,722

10/23/2012 Day: 5 **Conversion**

NC #2 on 10/23/2012 - TIH W/ Remaining Tbg, PT Tbg, RD Workfloor, ND BOP, NU Injection Tree, Watch Csg Pressure - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940', LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, PU 6 Jts, Tag Fill @ 5940',

LD 6 Jts, H/ Oiler Pmped 30BW Down Tbg, POOH W/ 142 Jts Breaking & Inspecting Collars, Applied Liquid O- Ring To Pins & Retorqued, H/ Oiler Pmped 20BW Down Tbg, LD 43 Jts & BHA, MU & RIH W/ XN Arrow PKR, TIH W/ 122 Jts...SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, 250psi On Tbg, 300psi On Csg: TIH W/ 20 Jts, H/ Oiler Pmped 60 BW Down Tbg, Seated Stnd Valv W/ Sandline, 20 BW To Fill, PT Tbg To 3000psi, 500psi Loss In 30min, BP To 3000psi, 350psi Loss In 30min, BP To 3000psi, 175psi Loss In 30min, Bleed Down Pressure To 0psi, Let Gas Settle Out, PT Tbg To 3000psi, No Pressure Loss In 30min, GOOD TEST, Retreived Stnd Valv, RD Work Floor, ND BOP, MU Injection Tree, H/ Oiler Pmped 70BW W/ PKR Fluids Down Csg, Set XN Arrow PKR CE @ 4417' W/ 10' KB, NU Injection Tree, H/ Oiler Filled Csg W/ 40 BW, PT Csg To 1500psi, 600psi Loss In 30min, BP To 1500psi....SWIFN...6:00PM To 6:30PM C/ Travl **Finalized**

Daily Cost: $0

Cumulative Cost: $48,476

10/24/2012 Day: 6 **Conversion**

NC #2 on 10/24/2012 - PT Csg, XO For Rods, RDMOSU - 5:30AM To 6:00AM C/ Travl: Checked Csg Pressure, Pressure Had Increased By 150psi, GOOD TEST W/ 1650psi On Csg, XO For Rods, Full Service On NC2, RDMOSU @ 11:30AM.....FINAL REPORT!!....READY FOR MIT - 5:30AM To 6:00AM C/ Travl: Checked Csg Pressure, Pressure Had Increased By 150psi, GOOD TEST W/ 1650psi On Csg, XO For Rods, Full Service On NC2, RDMOSU @ 11:30AM.....FINAL REPORT!!....READY FOR MIT - 5:30AM To 6:00AM C/ Travl: Checked Csg Pressure, Pressure Had Increased By 150psi, GOOD TEST W/ 1650psi On Csg, XO For Rods, Full Service On NC2, RDMOSU @ 11:30AM.....FINAL REPORT!!....READY FOR MIT **Finalized**

Daily Cost: $0

Cumulative Cost: $51,966

10/25/2012 Day: 7 **Conversion**

Rigless on 10/25/2012 - Conduct initial MIT - On10/25/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 10/25/2012 the casing was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22218-09422 - On10/25/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 10/25/2012 the casing was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22218-09422 - On10/25/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 10/25/2012 the casing was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22218-09422 **Finalized**

Daily Cost: $0

Cumulative Cost: $130,800

Pertinent Files: Go to File List