

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING

**APPLICATION FOR PERMIT TO DRILL, DEEPEN**

1a. TYPE OF WORK DRILL  DEEPEN

1b. TYPE OF WELL

OIL  GAS  OTHER

SINGLE MULTIPLE  
 ZONE  ZONE

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
**Odekirk Spring**

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

9. WELL NO.  
**Odekirk Spring State #4-36T-8-17**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

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

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

2. NAME OF OPERATOR  
**Newfield Production Company**

3. ADDRESS AND TELEPHONE NUMBER:  
**Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721**

4. LOCATION OF WELL (FOOTAGE)  
 At Surface **NW/NW 440' FNL 821' FwL 588612X 40.080450**  
 At proposed Producing Zone **44369944 -109.960716**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 16.8 miles southeast of Myton, UT**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>Approx. 440' f/lse line &amp; 440' f/unit line</b>	16. NO. OF ACRES IN LEASE <b>640.00</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approximately 381'</b>	19. PROPOSED DEPTH <b>16,600'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5061' GL**

22. APPROX. DATE WORK WILL START\*  
**4th Quarter 2007**

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8"	<del>51#</del> 68#	3,500'	See Detail Below
12 1/4	9 5/8"	47#	11,000	See Detail Below
8 1/2	4 1/2"	15.1#	TD	See Detail Below

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

**\*The actual cement volumes will be calculated off of the open hole logs, plus 15% over capiler volume:**

**SURFACE PIPE** - Lead: 639 sx Premium Lite II Cement + 3% KCl + 2% bentonite,  
 Weight: 11.0 PPG YIELD: 3.26 Cu Ft/sk  
 Tail: 297 sx Class G with 3% CaCl2, 15.8 ppg, 1.17 yield

**INTERMEDIATE** - Lead: 288 sx Premium Lite II Cement + 3% KCl + 2% bentoninte  
 Weight: 11.0 PPG YIELD: 3.26 Cu Ft/sk

1265 sx Tail: 50-50 Poz-Class G Cement + 2% bentonite, 14.3 ppg, 1.24 yield

**PRODUCTION** - 1967 sx Poz Class G + 2% bentonite  
 Weight: 14.3 PPG YIELD: 1.24 Cu Ft/sk

24. Name & Signature Mandie Crozier Title: Regulatory Specialist Date: 9/28/2007

(This space for State use only)

API Number Assigned: 43-047-34769 APPROVAL: Approved by the

**Utah Division of  
 Oil, Gas and Mining**

Date: 12-19-07  
 By: [Signature]

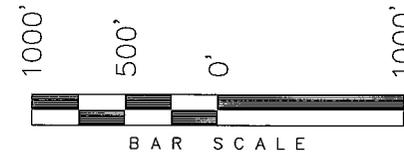
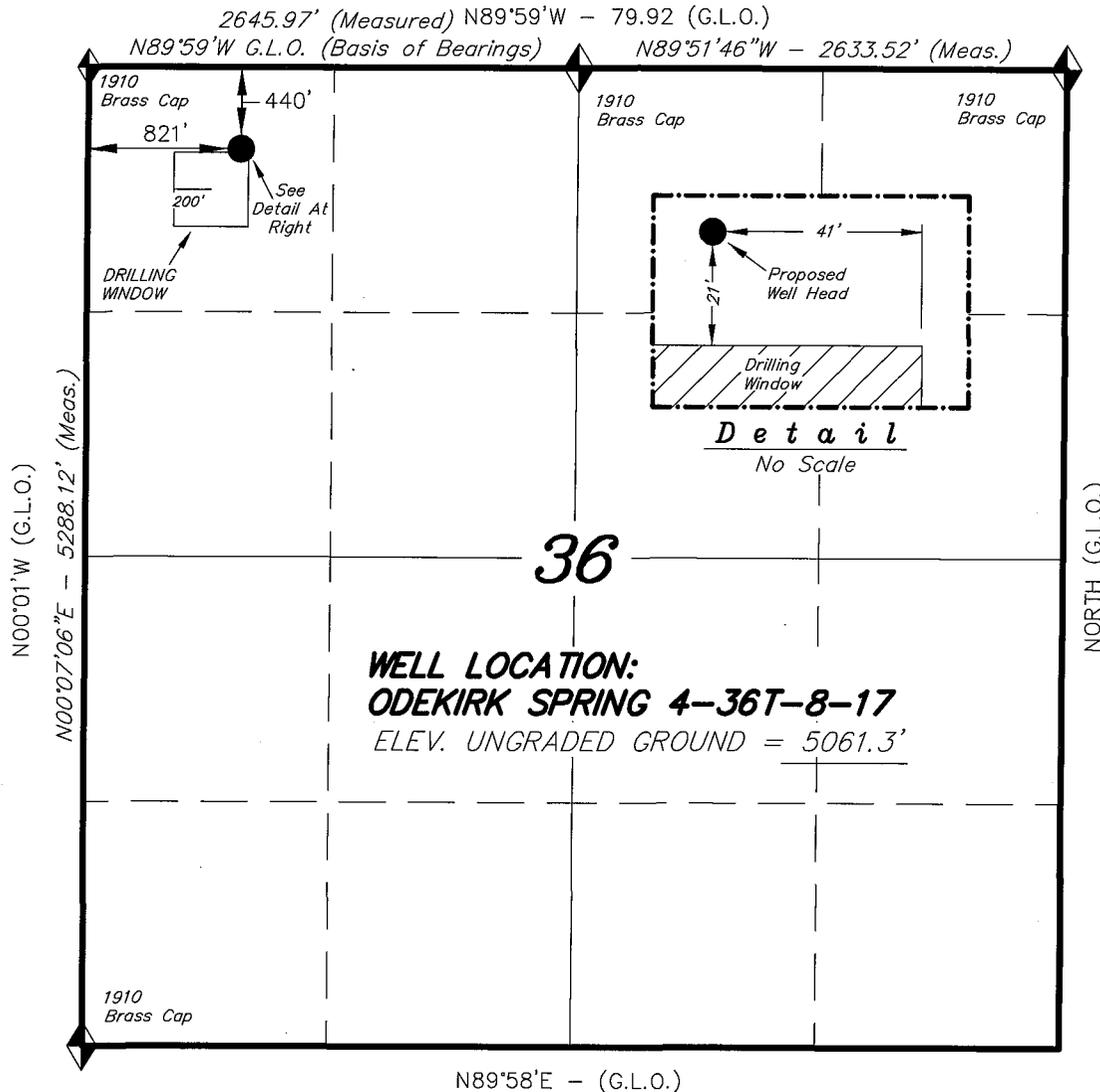
\*See Instructions On Reverse Side

**RECEIVED**  
 NOV 05 2007  
 DIV. OF OIL, GAS & MINING

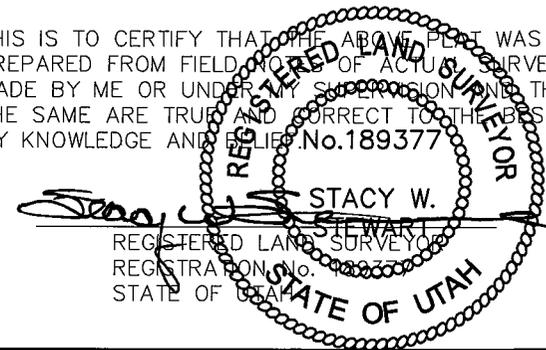
# T8S, R17E, S.L.B.&M.

## NEWFIELD PRODUCTION COMPANY

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



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 08-15-07	SURVEYED BY: C.M.
DATE DRAWN: 08-21-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

**ODEKIRK SPRING 4-36T-8-17**  
(Surface Location) NAD 83  
LATITUDE = 40° 04' 49.83"  
LONGITUDE = 109° 57' 41.10"

NEWFIELD PRODUCTION COMPANY  
ODEKIRK SPRING STATE #4-36T-8-17  
NW/NW SECTION 36, T8S, R17E  
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2,441'
Green River	2,441'
Wasatch	6,457'
Mesaverde	10,927'
Blackhawk	13,399'
Mancos	14,506'
Proposed TD	16,600'

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

Green River Formation (Oil)	2,441' – 6,457'	
Wasatch/Mesaverde/Blackhawk/Mancos/Dakota Formation (Gas)		6,457' - TD

4. **PROPOSED CASING PROGRAM:**

Surface hole: 17-1/2"

Surface Casing: 13-3/8", 61#, J-55, STC set at 3500' (New)

Cement with:

Lead: 639 sx Premium Lite II with 3% KCl and 2% bentonite, 11.0 ppg, 3.26 yield

Tail: 297 sx Class G with 3% CaCl<sub>2</sub>, 15.8 ppg, 1.17 yield

Intermediate hole: 12-1/4"

Intermediate Casing: 9-5/8", 47#, P-110, LTC set at 11,000' (New)

Cement with:

Lead: 288 sx Premium Lite II with 3% KCl and 2% bentonite, 11.0 ppg, 3.26 yield

Tail: 1263 50/50 Poz Class G with 2% Bentonite, 14.3 ppg, 1.24 yield

Production hole: 8-1/2"

Production Casing: 4-1/2", 15.1#, P-110, BTC set at TD (New)

Cement with:

1967 sx Poz Class G with 2% Bentonite, 14.3 ppg, 1.24 yield

\*Actual cement volumes will be 15% over caliper volume.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

<u>Section</u>	<u>BOP equipment</u>
Surface	Diverter system
Intermediate	13-5/8" 5M double ram, 13-5/8" 5M annular, rotating head
Production	11" 10M double ram, 11" 5M annular, rotating head

BOP equipment will be function tested daily. Choke manifold pressure rating will be equal to or greater than the pressure rating of the BOP rams. Refer to Exhibit C for a diagram of BOP equipment.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

A fresh water system will be utilized to drill the well. When necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel and barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. No chromates will be utilized in the fluid system.

In the event that the surface hole is to be drilled with air, Newfield requests a variance to regulations requiring a straight run blooie line. Newfield proposes that the flowline will contain two (2) 90-degree turns. Newfield also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Newfield requests authorization to ignite as needed, and the flowline at 80'.

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

<b>MUD PROGRAM</b>	<b>MUD TYPE</b>	<b>MAX MUD WEIGHT</b>
Surface – 3,500'	air/fresh water system	8.4 ppg
3500' – 11,000'	fresh water system	9.7 ppg
11,000 – TD	fresh water system	13.0 ppg

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:**

The logging program will consist of a Compensated Neutron-Formation Density Log, Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 3500' +/- . A cement bond log will be run from PBTD to cement top in the production casing. No drill stem testing or coring is planned for this well.

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

The anticipated maximum bottom hole pressure is 13,250 psi. It is not anticipated that abnormal temperatures will be encountered; or 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 first quarter of 2008, and take approximately seventy five (75) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY  
ODEKIRK SPRING STATE 4-36T-8-17  
NW/NW SECTION 36, T8S, R17E  
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Odekirk Spring State 4-36T-8-17 located in the NW¼ NW¼ Section 36, T8S, R17E, S.L.B. & M., Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.7 miles ± to its junction with an existing road to the southeast; proceed southeasterly - 9.9 miles ± to its junction with an existing road the northeast; proceed northeasterly - 3.8 miles ± the beginning access road to the proposed well location.

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 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

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 deemed 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

Refer to **EXHIBIT B**.

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 110% of the largest tank volume 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**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A**.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

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**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

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 to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

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.

**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 centered 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 recontoured to the approximated natural contours. Weather permitting, 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.

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) Newfield 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, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield 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.

#### **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. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### **Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the Odekirk Spring State 4-36T-8-17, Newfield 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. Newfield also guarantees that during the drilling and completion of the Odekirk Spring State 4-36T-8-17 Newfield 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.

Newfield Production Company or a contractor employed by Newfield 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 OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

##### Representative

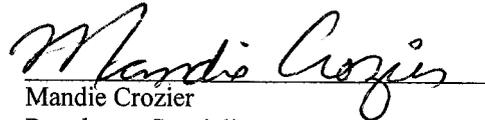
Name: Dave Allred  
Address: Newfield Production Company  
Route 3, Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

##### Certification

Please be advised that Newfield Production Company is considered to be the operator of well #4-36T-8-17, NW/NW Section 36, T8S, R17E, 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 drill site 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 Newfield 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 the 18 U.S.C. 1001 for the filing of a false statement.

9/28/07  
Date

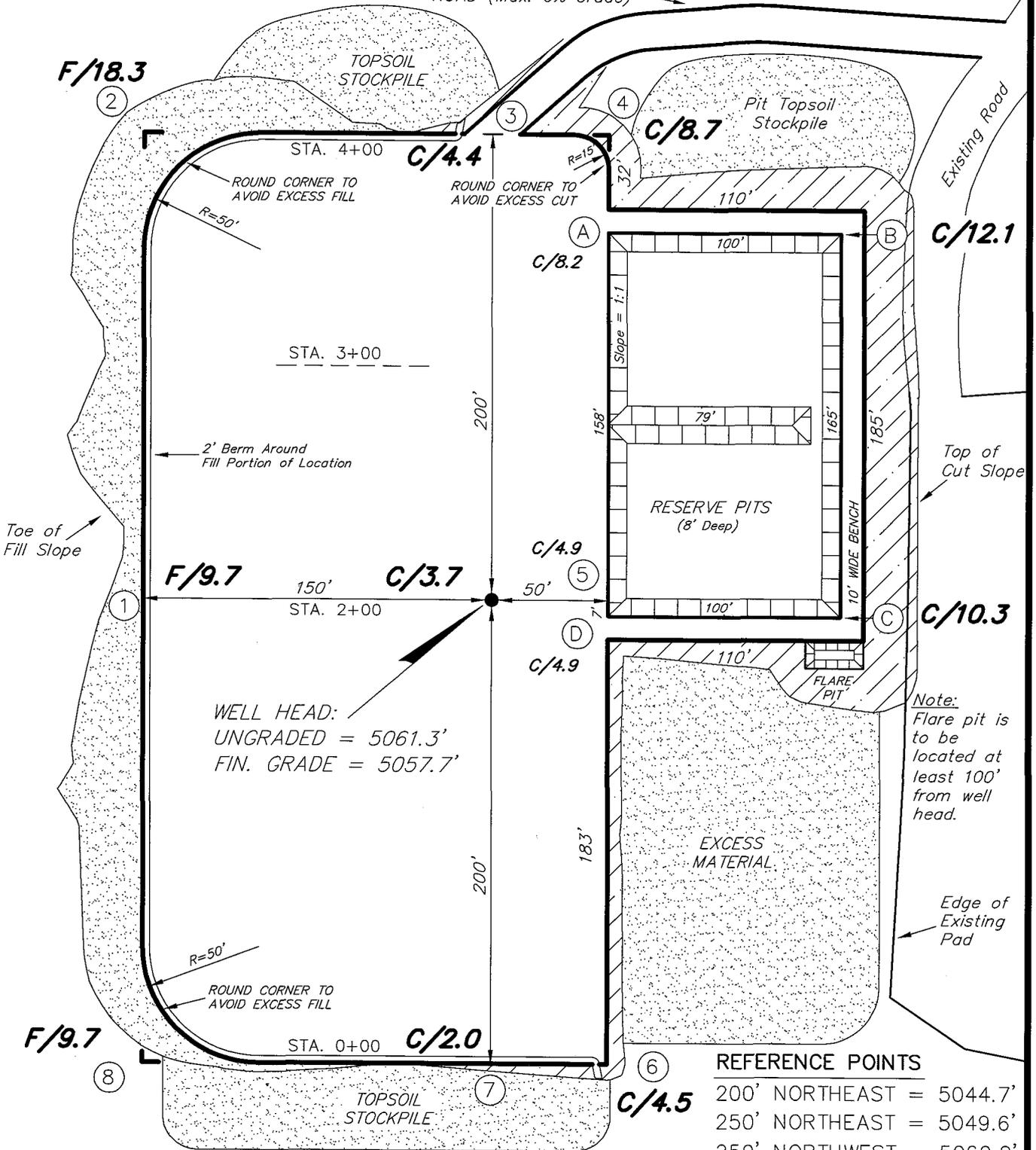
  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

ODEKIRK SPRING 4-36T-8-17  
SECTION 36, T8S, R17E, S.L.B.&M.



PROPOSED ACCESS ROAD (Max. 6% Grade)



Note: Flare pit is to be located at least 100' from well head.

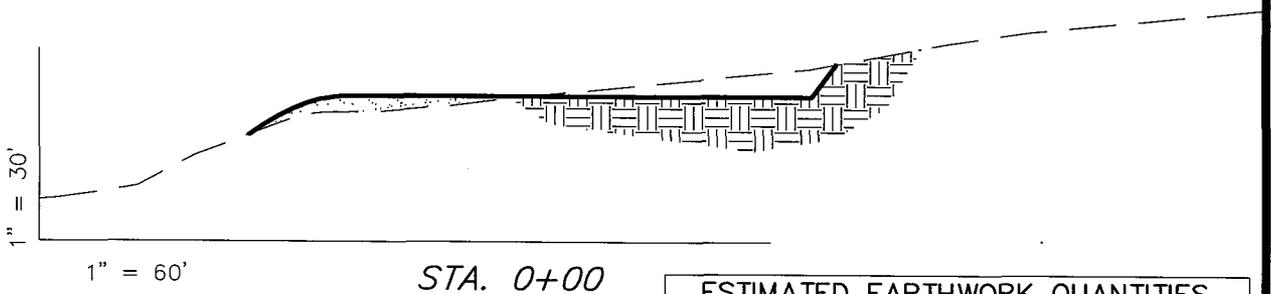
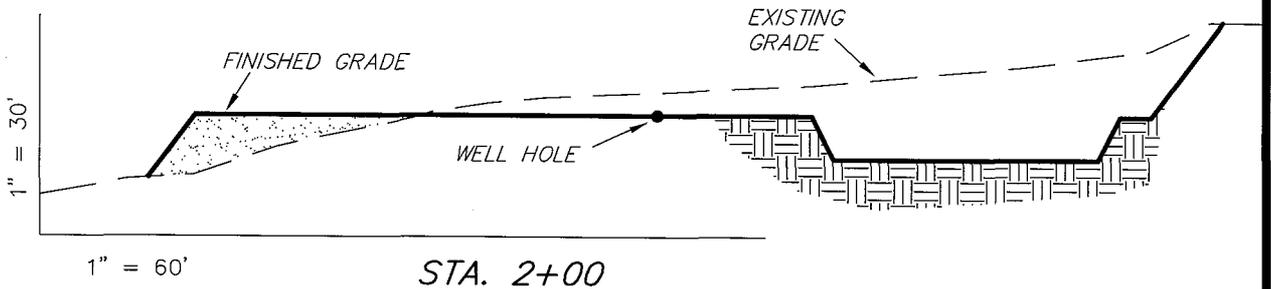
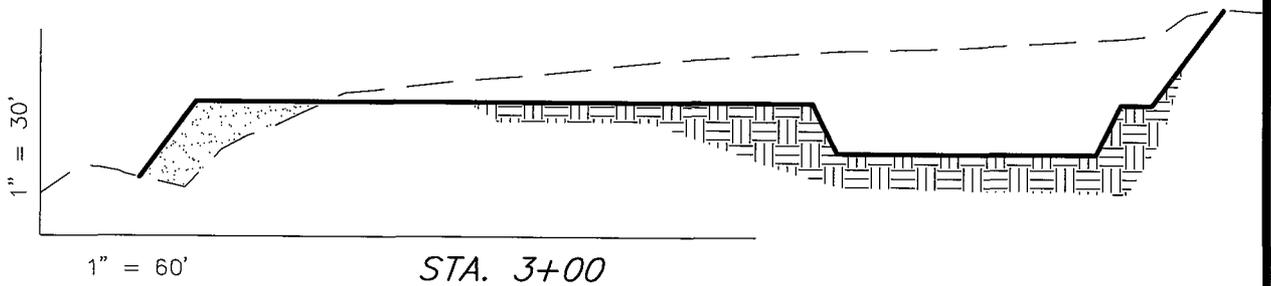
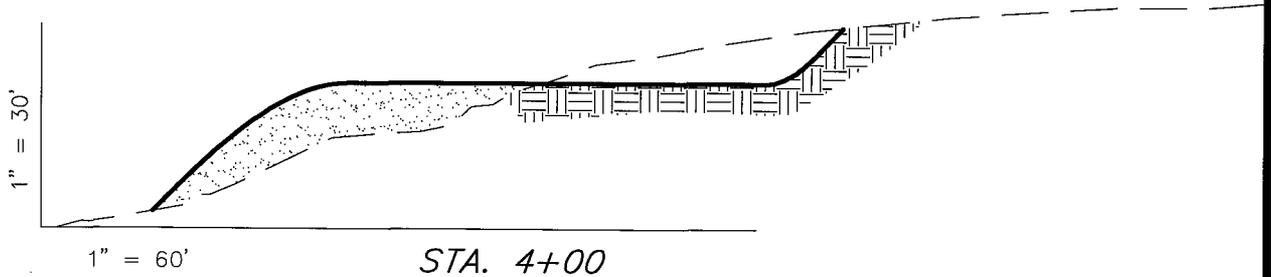
### REFERENCE POINTS

- 200' NORTHEAST = 5044.7'
- 250' NORTHEAST = 5049.6'
- 250' NORTHWEST = 5060.2'
- 300' NORTHWEST = 5060.1'

SURVEYED BY: C.M.	DATE SURVEYED: 08-15-07
DRAWN BY: F.T.M.	DATE DRAWN: 08-21-07
SCALE: 1" = 60'	REVISED:

**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**NEWFIELD PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**ODEKIRK SPRING 4-36T-8-17**



**ESTIMATED EARTHWORK QUANTITIES**  
 (No Shrink or swell adjustments have been used)  
 (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	13,440	13,440	Topsoil is not included in Pad Cut	0
PIT	4,100	0		4,100
<b>TOTALS</b>	<b>17,540</b>	<b>13,440</b>	<b>2,270</b>	<b>4,100</b>

NOTE:  
 UNLESS OTHERWISE  
 NOTED ALL CUT/FILL  
 SLOPES ARE AT 1.5:1

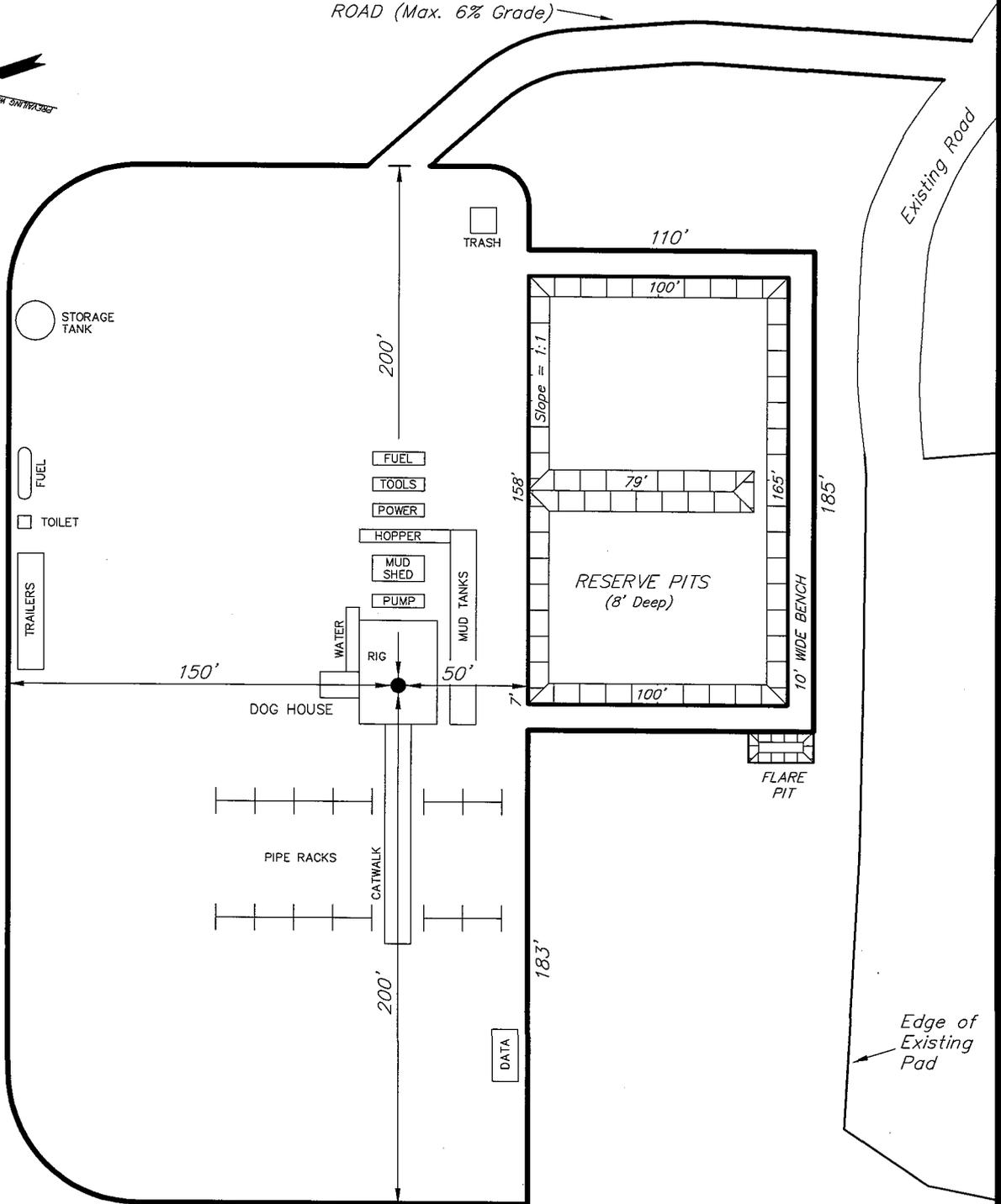
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DRAWN BY: F.T.M.	DATE DRAWN: 08-21-07
SCALE: 1" = 60'	REVISED:

**Tri State** (435) 781-2501  
**Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT ODEKIRK SPRING 4-36T-8-17

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: C.M.	DATE SURVEYED: 08-15-07
DRAWN BY: F.T.M.	DATE DRAWN: 08-21-07
SCALE: 1" = 60'	REVISED:

**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**NEWFIELD**  
Exploration Company

**Odekirk Spring 4-36T-8-17**  
**SEC. 36, T8S, R17E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

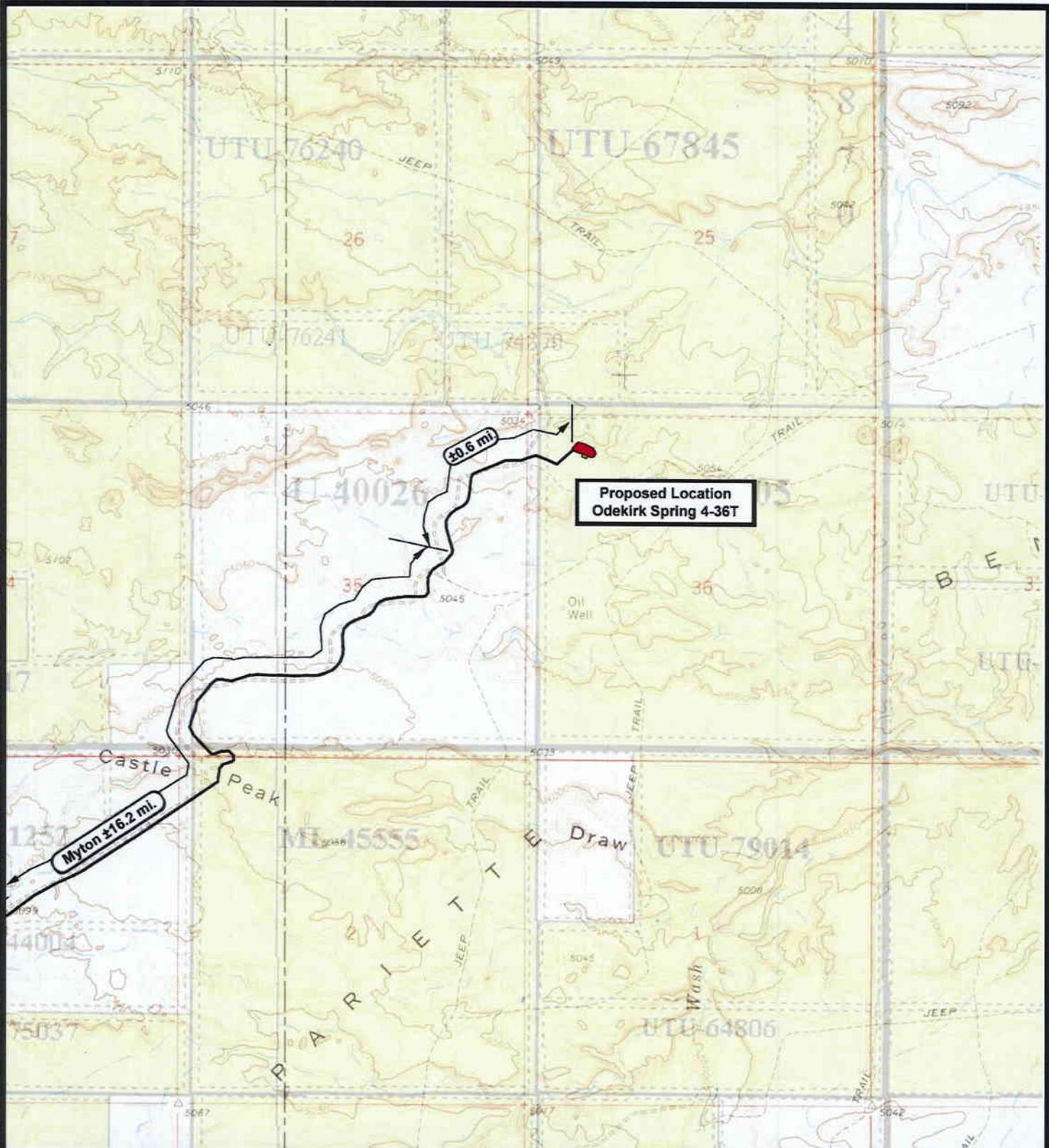
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DATE: 09-11-2007

**Legend**

Existing Road

TOPOGRAPHIC MAP

**"A"**



 **NEWFIELD**  
Exploration Company

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**Odekirk Spring 4-36T-8-17**  
**SEC. 36, T8S, R17E, S.L.B.&M.**



 **Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

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SCALE: 1" = 2,000'  
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DATE: 09-11-2007

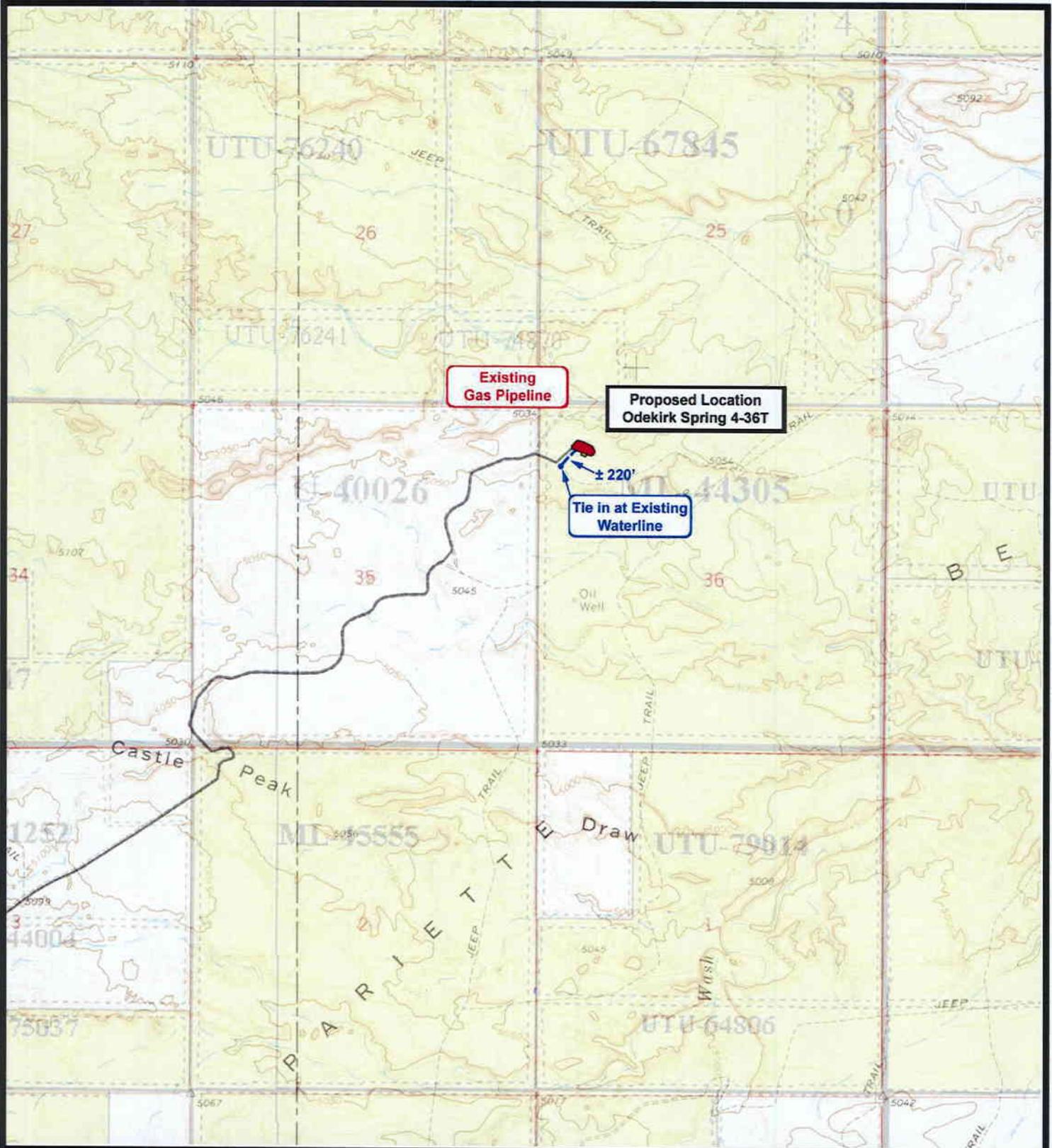
**Legend**

 Existing Road

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**TOPOGRAPHIC MAP**

**"B"**



 **NEWFIELD**  
Exploration Company

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**Odekirk Spring 4-36T-8-17**  
**SEC. 36, T8S, R17E, S.L.B.&M.**

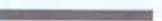


 **Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

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SCALE: 1" = 2,000'  
DRAWN BY: mw/nc  
DATE: 09-11-2007

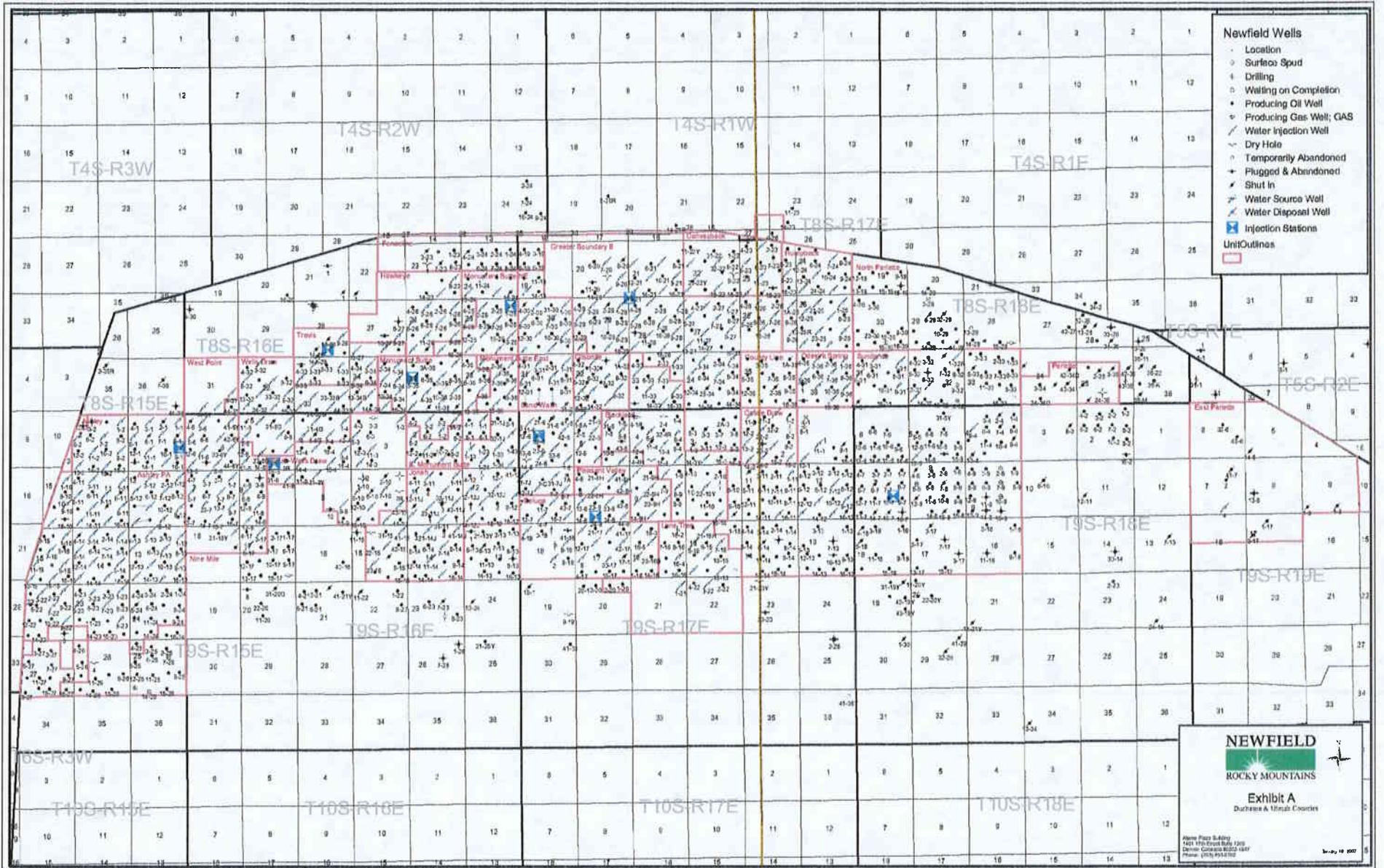
**Legend**

-  Roads
-  Proposed Water Line

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**TOPOGRAPHIC MAP**

**"C"**



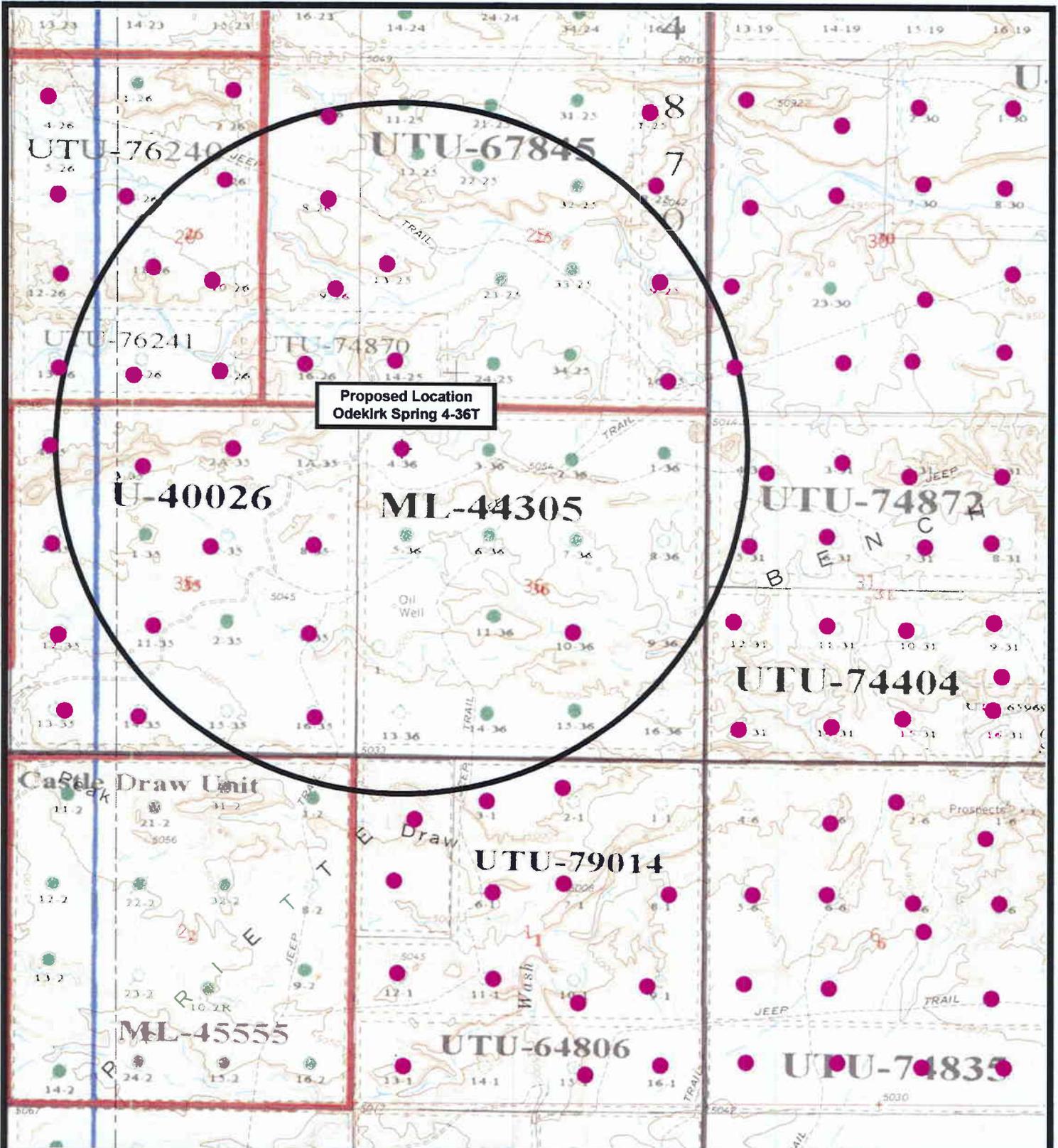
- Newfield Wells**
- Location
  - ◊ Surface Spud
  - ⊕ Drilling
  - ◊ Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well; GAS
  - ↙ Water Injection Well
  - ◊ Dry Hole
  - ◊ Temporarily Abandoned
  - ⊕ Plugged & Abandoned
  - ⊕ Shut In
  - ↙ Water Source Well
  - ↙ Water Disposal Well
  - ⊕ Injection Stations
- Unit Outlines**
- 

**NEWFIELD**  
 ROCKY MOUNTAINS

Exhibit A  
 Durban & Minn Counties

Phone: 970.533.0100  
 Fax: 970.533.0101  
 Email: info@newfield.com

3/10/10



**Proposed Location  
Odeklrk Spring 4-36T**



**NEWFIELD**  
Exploration Company

---

**Odeklrk Spring 4-36T-8-17**  
**SEC. 36, T8S, R17E, S.L.B.&M.**




**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw/nc  
DATE: 09-11-2007

**Legend**

- Location
- One-Mile Radius

---

**Exhibit "B"**

# 11" 5 M stack

## Blowout Prevention Equipment Systems

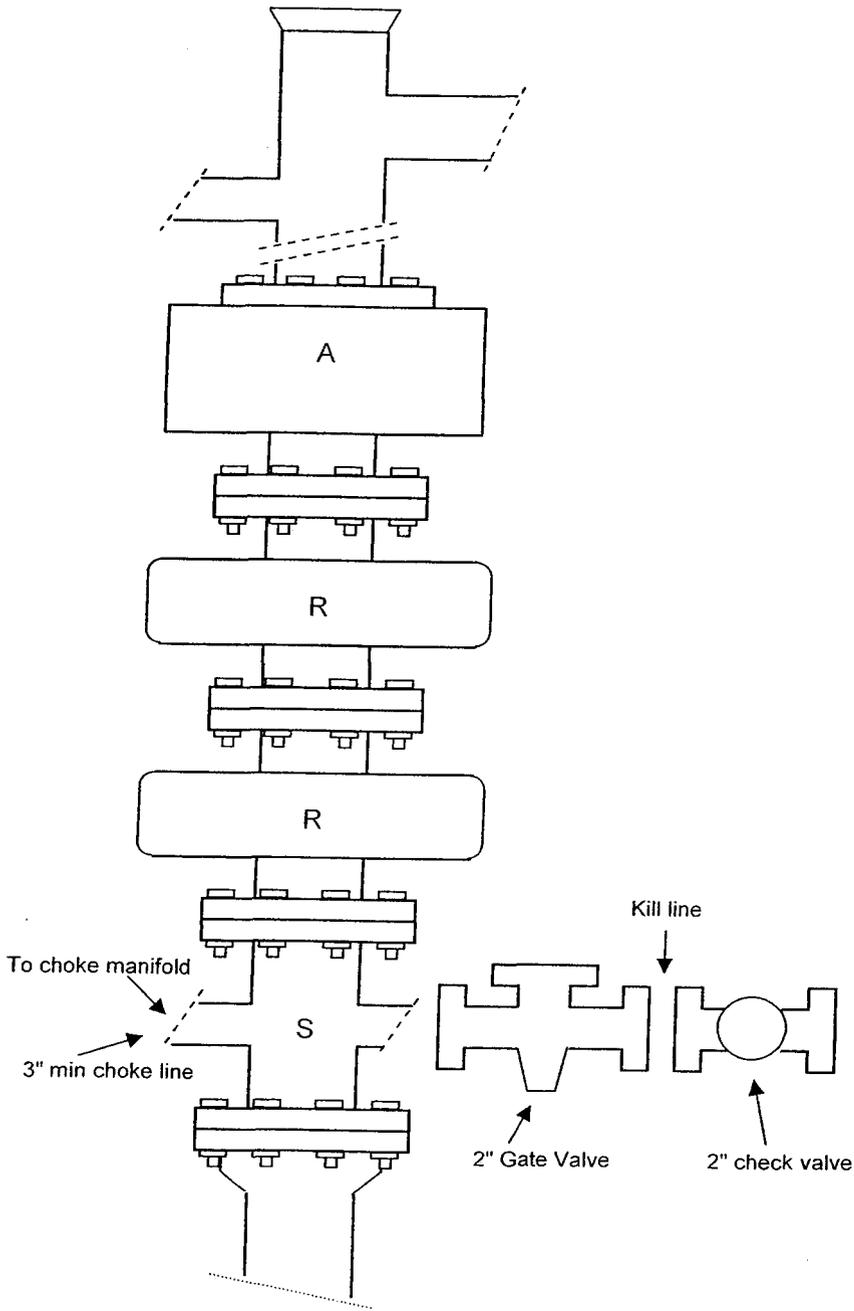


FIG. 2.C.5  
ARRANGEMENT S\*RRR  
Double Ram Type Preventers

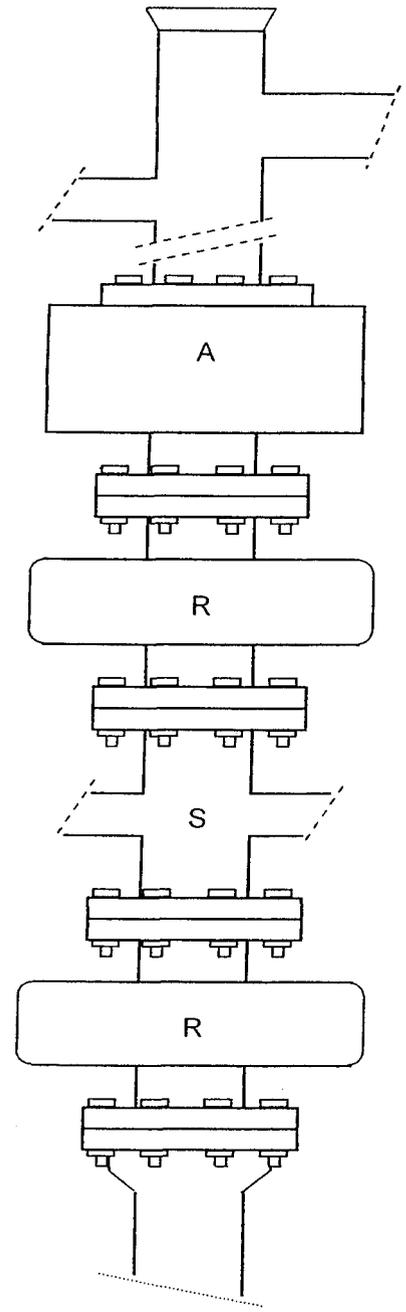
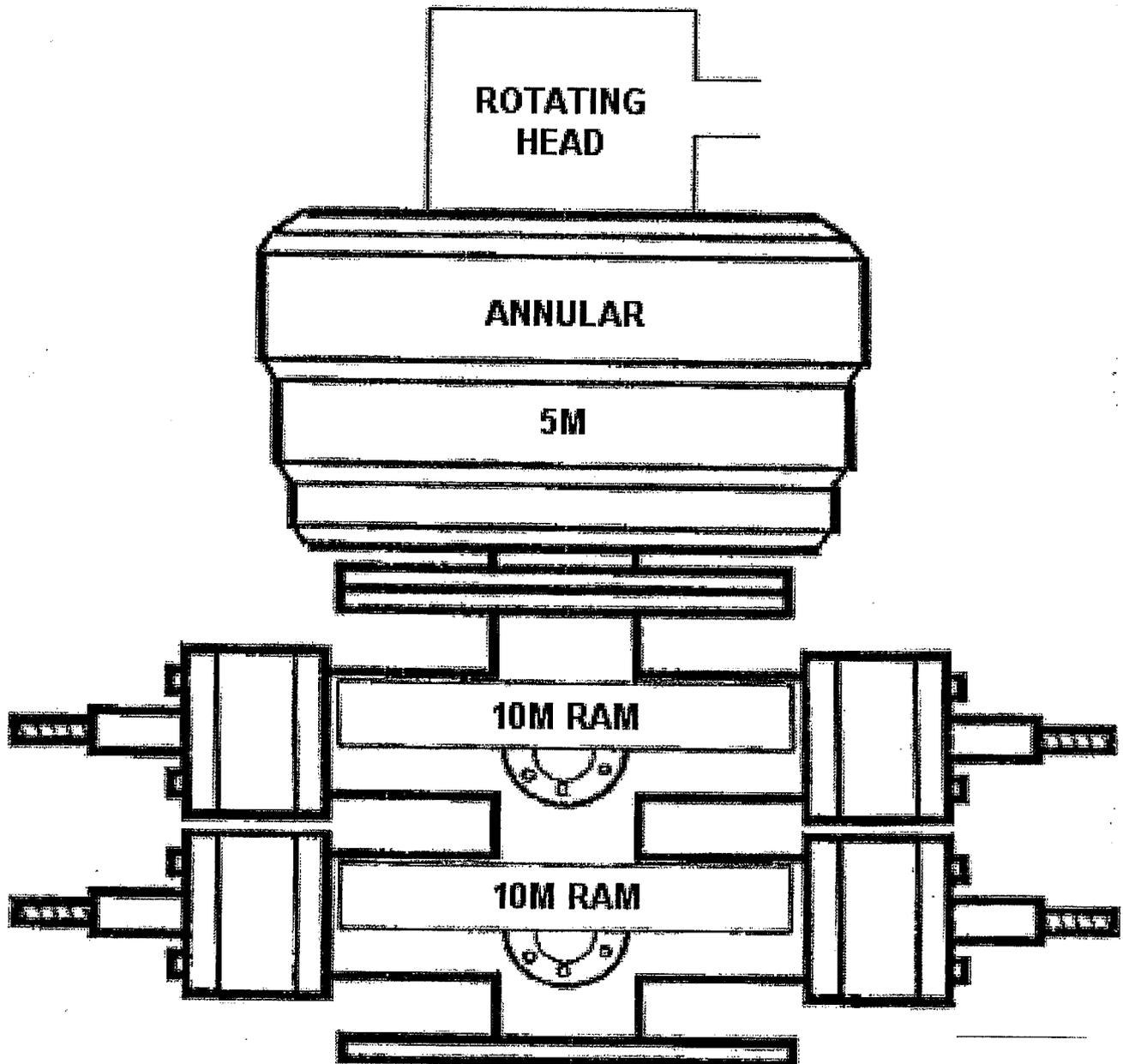


FIG. 2.C.6  
ARRANGEMENT RS\*RA

### EXAMPLE BLOWOUT PREVENTER ARRANGEMENTS FOR 3M AND 5M RATED WORKING PRESSURE

\* Drilling spool and its location in the stack arrangement is optional- refer to Par 2.C.6

# TYPICAL BLOWOUT PREVENTER 11" 10M BOP STACK



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/05/2007

API NO. ASSIGNED: 43-047-39769

WELL NAME: ODEKIRK SPRING ST 4-36T-8-17  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNW 36 080S 170E  
 SURFACE: 0440 FNL 0821 FWL  
 BOTTOM: 0440 FNL 0821 FWL  
 COUNTY: UINTAH  
 LATITUDE: 40.08045 LONGITUDE: -109.9607  
 UTM SURF EASTINGS: 588612 NORTHINGS: 4436994  
 FIELD NAME: MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	12/18/07
Geology		
Surface		

LEASE TYPE: 3 - State  
 LEASE NUMBER: ML-44305  
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: MNCS  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. B001834 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

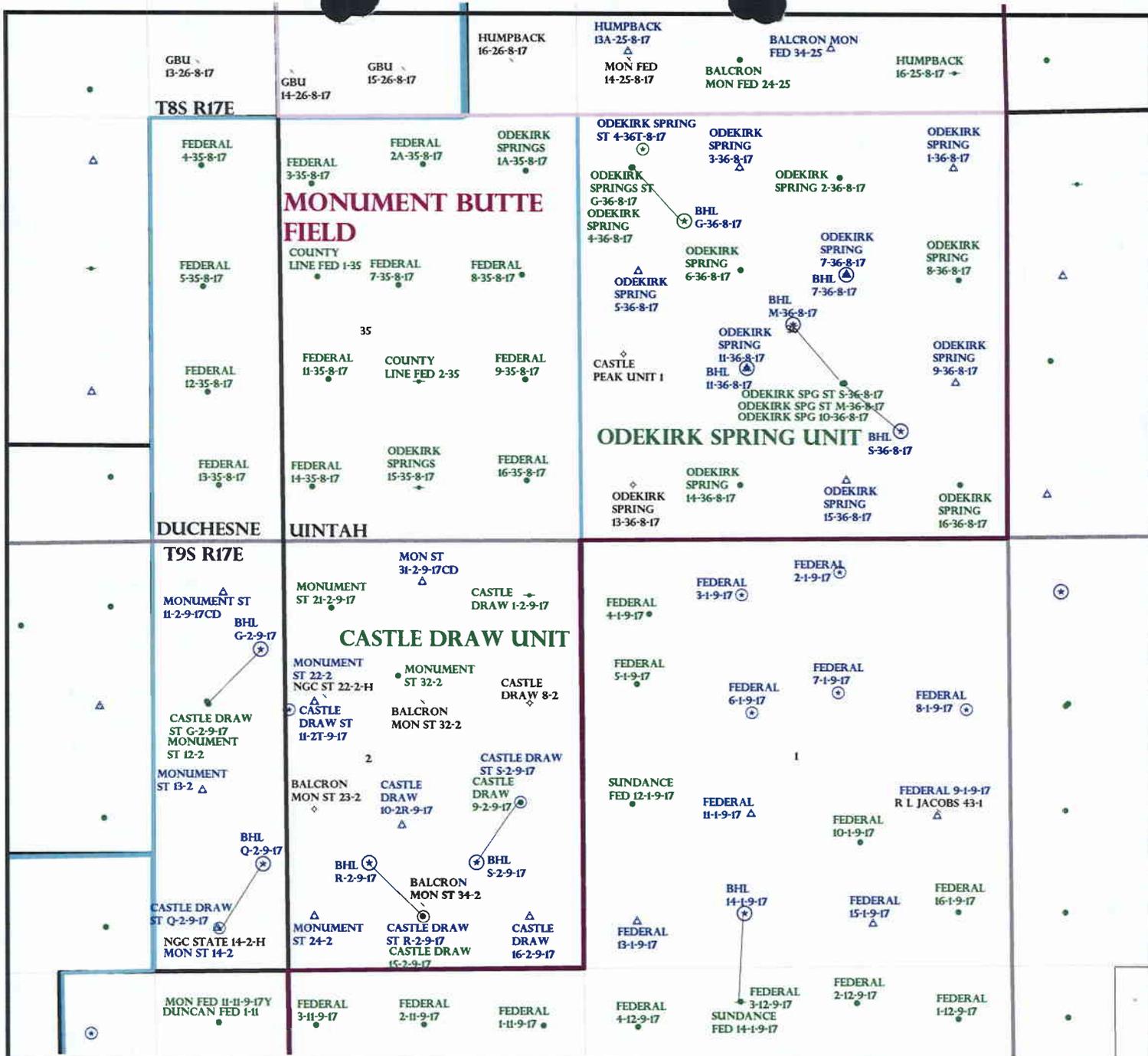
- \_\_\_ R649-2-3.  
Unit: ODEKIRK SPRING 36 \* NEW FN
- \_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- \_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- \_\_\_ R649-3-11. Directional Drill

COMMENTS:

Needs Basis (11-14-07)

STIPULATIONS:

- 1- Spacing Stip
- 2- STATEMENT OF BASIS
- 3- Surface Csg Cont Stip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 36 T.8S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

Unit Status	
	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PP OIL
	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

**Wells Status**

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



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 07-NOVEMBER-2007

# Application for Permit to Drill

## Statement of Basis

11/20/2007

Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Ownr</b>	<b>CBM</b>
587	43-047-39769-00-00		GW	S	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>		
<b>Well Name</b>	ODEKIRK SPRING ST 4-36T-8-17	<b>Unit</b>	ODEKIRK SPRING 36		
<b>Field</b>	MONUMENT BUTTE		<b>Type of Work</b>		
<b>Location</b>	NWNW 36 8S 17E S 440 FNL 821 FWL GPS Coord (UTM) 588612E 4436994N				

### Geologic Statement of Basis

Newfield proposes to set 3,500' of surface casing at this location. The base of the moderately saline water at this location is estimated to be near the ground surface. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water.

Brad Hill  
APD Evaluator

11/20/2007  
Date / Time

### Surface Statement of Basis

The proposed location is on Pariette Bench in the Castle Peak Draw area, which is a sub-drainage of the Pariette Draw drainage of Uintah County. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Ut and about 11 miles downstream from the location. Broad flats characterize the area with those to the northwest frequently used for agriculture. Flats are intersected by drainages with gentle to moderate side-slopes. Slopes become steeper and deeper as they approach Pariette Draw. Occasional seeps occur in the draws. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oil field development roads a distance of 16.8 miles. New construction of 220 feet will be required.

The Odekirk Spring State #4-36T-8-17 proposed gas well location is on the northeast edge of a bench adjacent to an existing oil well. This bench breaks off sharply on the north 1/3 part of the proposed pad into an eroded side draw with fingered ridges. Visually the fill at the southeast corner is misleading because it ends at the base of the ridge. The beginnings of the fingered drainages will be filled and no diversions are needed. It is essential to obtain adequate compaction of the fill in these draws so settlement will not occur. The well is a deep gas well with a proposed depth of 16,600 feet. The proposed site appears to be a suitable location for constructing a pad and drilling and operating a well.

Both the surface and minerals are owned by SITLA.

Ben Williams representing the Utah Division of Wildlife resources stated there are no significant wildlife concerns in the area. Mr. Williams gave Mr. Allred of Newfield Production Company and Mr. Davis a copy of this evaluation and also a seed mix recommendation to be used when the reserve pit and location are reclaimed.

Floyd Bartlett  
Onsite Evaluator

11/14/2007  
Date / Time

---

# Application for Permit to Drill

## Statement of Basis

Utah Division of Oil, Gas and Mining

11/20/2007

Page 2

---

### Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY  
**Well Name** ODEKIRK SPRING ST 4-36T-8-17  
**API Number** 43-047-39769-0 **APD No** 587 **Field/Unit** MONUMENT BUTTE  
**Location: 1/4,1/4 NWNW** **Sec** 36 **Tw** 8S **Rng** 17E 440 FNL 821 FWL  
**GPS Coord (UTM)** 588614 4437009 **Surface Owner**

### Participants

Floyd Bartlett (DOGM), David Allred (Newfield Production Company), Cory Stewart (Tri-state Land Surveying), Jim Davis and Kurt Higgins (SITLA), Ben Williams and Daniel Emmett (Utah Division of Wildlife Resources).

### Regional/Local Setting & Topography

The proposed location is on Pariette Bench in the Castle Peak Draw area which is a sub-drainage of the Pariette Draw drainage of Uintah County. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Ut and about 11 miles downstream from the location. Broad flats characterize the area with those to the northwest frequently used for agriculture. Flats are intersected by drainages with gentle to moderate side-slopes. Slopes become steeper and deeper as they approach Pariette Draw. Occasional seeps occur in the draws. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oil field development roads a distance of 16.8 miles. New construction of 220 feet will be required.

The Odekirk Spring State #4-36T-8-17 proposed gas well location is on the northeast edge of a bench adjacent to an existing oil well. This bench breaks off sharply on the north 1/3 part of the proposed pad into an eroded side draw with fingered ridges. Visually the fill at the southeast corner is misleading because it ends at the base of the ridge. The beginnings of the fingered drainages will be filled and no diversions are needed. It is essential to obtain adequate compaction of the fill in these draws so settlement will not occur. The well is a deep gas well with a proposed depth of 16,600 feet. The proposed site appears to be a suitable location for constructing a pad and drilling and operating a well.

Both the surface and minerals are owned by SITLA.

### Surface Use Plan

#### **Current Surface Use**

Grazing  
Recreational

#### **New Road**

Miles	Well Pad	Src Const Material	Surface Formation
0.05	Width 310 Length 400	Onsite	UNTA

**Ancillary Facilities** N

### Waste Management Plan Adequate? Y

### Environmental Parameters

**Affected Floodplains and/or Wetland** N

#### **Flora / Fauna**

Deseret shrub type consisting of salt brush, rabbit brush, horsebrush, broom snakeweed, halogeton, cheat grass and curly mesquite grass.

Cattle, prairie dogs, antelope, small mammals and birds.

**Soil Type and Characteristics**

Moderately deep sandy clay loam with a few small rock forming erosion pavement.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** Y

Need good compaction of fill so that settlement will not occur.

**Drainage Diversion Required** N

**Berm Required?** N

**Erosion Sedimentation Control Required?** N

**Paleo Survey Run?** N    **Paleo Potential Observed?** N    **Cultural Survey Run?** Y    **Cultural Resources?** N

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

<b>Distance to Groundwater (feet)</b>	>200	0
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	300 to 1320	10
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	<10	0
<b>Affected Populations</b>	<10	0
<b>Presence Nearby Utility Conduits</b>	Not Present	0

**Final Score** 25    1    **Sensitivity Level**

**Characteristics / Requirements**

A 100' x 165' x 8' deep reserve pit is planned in an area of cut on the southeast side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

**Closed Loop Mud Required?** N    **Liner Required?** Y    **Liner Thickness** 16    **Pit Underlayment Required?** Y

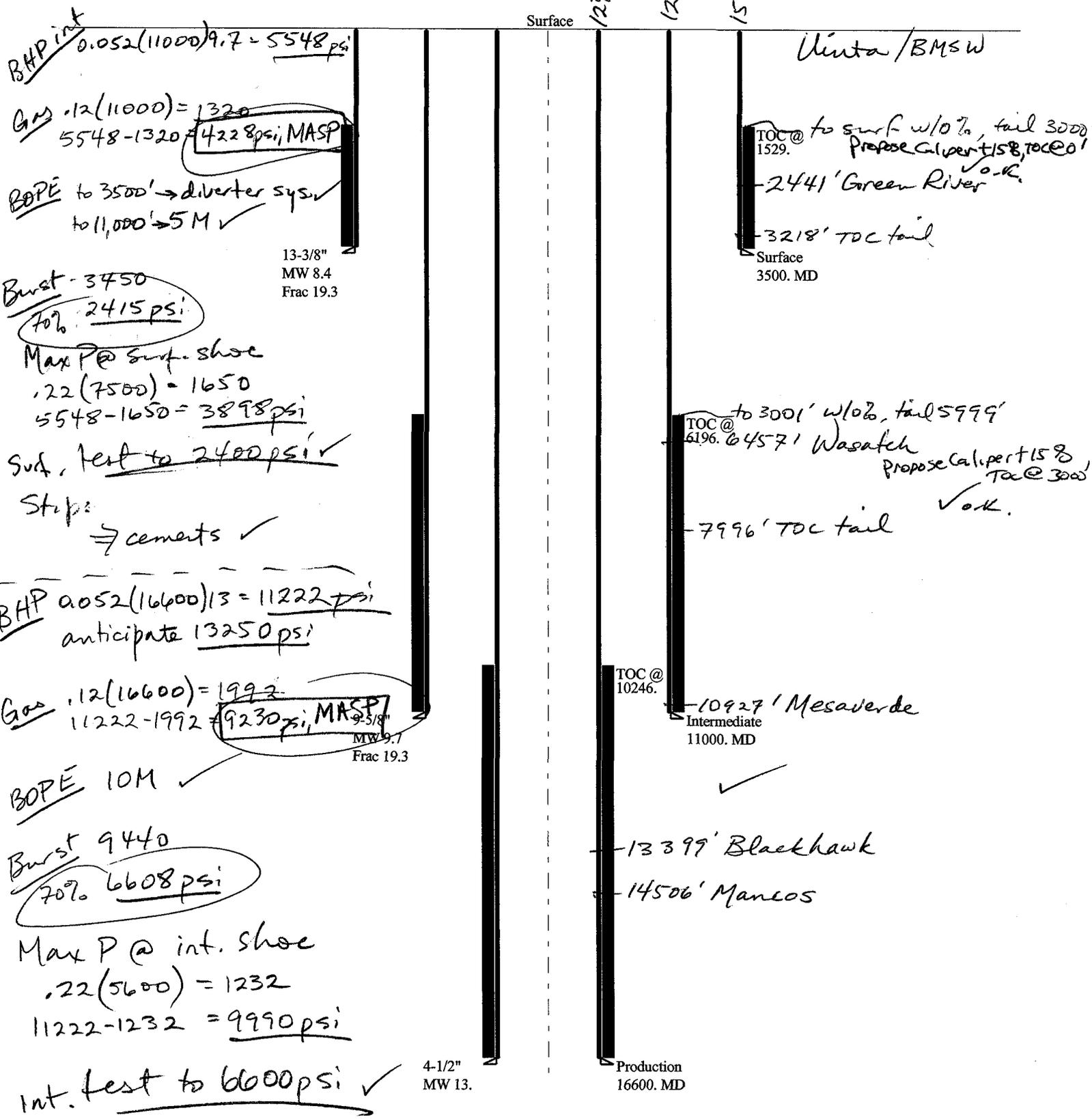
**Other Observations / Comments**

Floyd Bartlett  
**Evaluator**

11/14/2007  
**Date / Time**

2007-11 Newfield Odekirk Spring ST 4-36T-8-17

Casing Schematic



✓ Adequate OKD 12/18/07

Well name:

**2007-11 Newfield Odekirk Spring ST 4-36T-8-17**

Operator: **Newfield Production Company**

String type: **Surface**

Project ID:

43-047-39769

Location: **Uintah County**

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 124 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 290 ft

**Burst:**

Design factor 1.00

Cement top: 1,529 ft

**Burst**

Max anticipated surface pressure: 3,080 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 3,500 psi

No backup mud specified.

**Tension:**

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

Tension is based on buoyed weight.  
Neutral point: 3,063 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 11,000 ft  
Next mud weight: 9.700 ppg  
Next setting BHP: 5,543 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 3,500 ft  
Injection pressure: 3,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3500	13.375	68.00	J-55	ST&C	3500	3500	12.29	2942.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1527	1950	1.277	3500	3450	0.99	208	675	3.24 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 801-359-3940

Date: December 10, 2007  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>2007-11 Newfield Odekirk Spring ST 4-36T-8-17</b>		
Operator:	<b>Newfield Production Company</b>		
String type:	Intermediate	Project ID:	43-047-39769
Location:	Uintah County		

**Design parameters:**

**Collapse**

Mud weight: 9.700 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 7,558 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP: 9,978 psi  
 Annular backup: 2.33 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

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

Tension is based on buoyed weight.  
 Neutral point: 9,399 ft

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 229 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 6,196 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 16,600 ft  
 Next mud weight: 13.000 ppg  
 Next setting BHP: 11,210 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 11,000 ft  
 Injection pressure: 11,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11000	9.625	47.00	P-110	LT&C	11000	11000	8.625	4521.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5543	7100	1.281	8647	9440	1.09	442	1213	2.75 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Minerals

Phone: 801-538-5357  
 FAX: 801-359-3940

Date: December 18, 2007  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 11000 ft, a mud weight of 9.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	<b>2007-11 Newfield Odekirk Spring ST 4-36T-8-17</b>	
Operator:	<b>Newfield Production Company</b>	
String type:	Production	Project ID: 43-047-39769
Location:	Uintah County	

**Design parameters:**

**Collapse**  
Mud weight: 13.000 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 307 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

**Burst**

Max anticipated surface pressure: 7,558 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 11,210 psi

**Burst:**

Design factor 1.00

Cement top: 10,246 ft

No backup mud specified.

**Tension:**

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

**Non-directional string.**

Tension is based on buoyed weight.  
Neutral point: 13,328 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	16600	4.5	15.10	P-110	Buttress	16600	16600	3.701	1325.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	11210	14350	1.280	11210	13460	1.20	201	485	2.41 B

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 801-359-3940

Date: December 5, 2007  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 16600 ft, a mud weight of 13 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



November 5, 2007

State of Utah, Division of Oil, Gas & Mining  
ATTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Exception Location  
**Odekirk Spring State #4-36T-8-17**  
T8S R17E, Section 36: NW/4NW/4  
440'FNL 821' FWL  
Uintah County, Utah

Dear Ms. Mason;

Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company ("NPC") hereby requests an exception location for the drilling of the captioned well. The proposed drillsite for this well is located 21' north of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. This location has been chosen so it will not interfere with the wellbore of the Odekirk 4-36-8-17, which is an oil well producing from the Green River formation. The Odekirk Spring State #4-36T-8-17 is proposed as a deep gas well.

Please note the drillsite and all surrounding acreage within a four hundred sixty (460) foot radius is completely within the Odekirk Spring Unit, which is operated by NPC.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,  
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland  
Land Associate

Attachment

**RECEIVED**

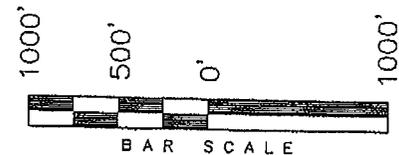
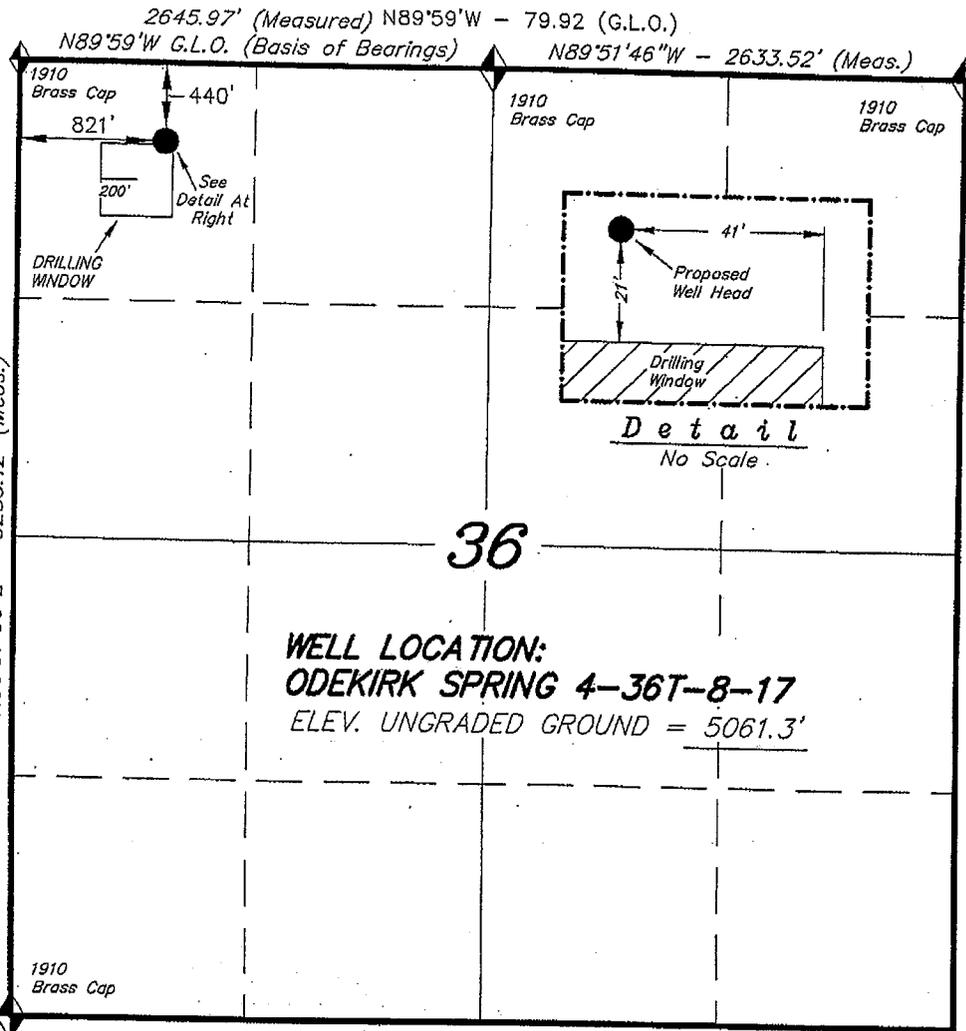
**NOV 08 2007**

**DIV. OF OIL, GAS & MINING**

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

## NEWFIELD PRODUCTION COMPANY

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



THIS IS TO CERTIFY THAT THE ABOVE PLAN 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. No.189377

*Stacy W. Stewart*  
STACY W.  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 222222  
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

**ODEKIRK SPRING 4-36T-8-17**  
(Surface Location) NAD 83  
LATITUDE = 40° 04' 49.83"  
LONGITUDE = 109° 57' 41.10"

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b> 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 08-15-07	SURVEYED BY: C.M.
DATE DRAWN: 08-21-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**Odekirk Spring**

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

9. WELL NO.  
**Odekirk Spring State #4-36T-8-17**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

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

12. County  
**Uintah**

13. STATE  
**UT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN**

1a. TYPE OF WORK DRILL  DEEPEN

1b. TYPE OF WELL

OIL  GAS  OTHER

SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Newfield Production Company**

3. ADDRESS AND TELEPHONE NUMBER:  
**Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721**

4. LOCATION OF WELL (FOOTAGE)  
At Surface **NW/NW 440' FNL 821' FwL**  
At proposed Producing Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 16.8 miles southeast of Myton, UT**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>Approx. 440' f/lse line &amp; 440' f/unit line</b>	16. NO. OF ACRES IN LEASE <b>640.00</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>
--	--	---

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approximately 381'</b>	19. PROPOSED DEPTH <b>16,600'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>
---	--------------------------------------	--

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5061' GL**

22. APPROX. DATE WORK WILL START\*  
**4th Quarter 2007**

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8"	61#	3,500'	See Detail Below
12 1/4	9 5/8"	47#	11,000	See Detail Below
8 1/2	4 1/2"	15.1#	TD	See Detail Below

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

\*The actual cement volumes will be calculated off of the open hole logs, plus 15% over capiler volume:

- SURFACE PIPE** - Lead: 639 sx Premium Lite II Cement + 3% KCl + 2% bentonite,  
Weight: 11.0 PPG YIELD: 3.26 Cu Ft/sk  
Tail: 297 sx Class G with 3% CaCl2, 15.8 ppg, 1.17 yield
- INTERMEDIATE** - Lead: 288 sx Premium Lite II Cement + 3% KCl + 2% bentonite  
Weight: 11.0 PPG YIELD: 3.26 Cu Ft/sk  
Tail: 50-50 Poz-Class G Cement + 2% bentonite, 14.3 ppg, 1.24 yield
- PRODUCTION** - 1967 sx Poz Class G + 2% bentonite  
Weight: 14.3 PPG YIELD: 1.24 Cu Ft/sk

24. Name & Signature Mandie Crozier Title: Regulatory Specialist Date: 9/28/2007

(This space for State use only)

API Number Assigned: \_\_\_\_\_ APPROVAL: \_\_\_\_\_

**RECEIVED**  
**NOV 08 2007**

\*See Instructions On Reverse Side

DIV. OF OIL, GAS & MINING

**From:** Ed Bonner  
**To:** Mason, Diana  
**Date:** 11/29/2007 11:19 AM  
**Subject:** Well Clearance

**CC:** Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

Delta Petroleum Corporation  
Greentown State 36-44S (API 43 019 31522)

Kerr McGee Oil & Gas Onshore LP  
NBU 921-25NT (API 43 047 39368)

Newfield Production Company  
Ashley State 16-2T-9-15 (API 43 013 33804)  
Odekirk Spring State 4-36T-8-17 (API 43 047 39769)  
Sundance State 6-32T-8-18 (API 43 047 39770)

Stewart Petroleum Corporation  
Cedar Camp 34-15 (API 43 019 31561)  
State 35-11 (API 43 019 31557)

If you have any questions regarding this matter please give me a call.

**Helen Sadik-Macdonald - Newfield deep permits**

---

**From:** "Hans Wychgram"  
**To:**  
**Date:** 12/10/2007 4:06 PM  
**Subject:** Newfield deep permits

---

Helen,

As per our conversation this morning, Newfield will increase the strength of the surface casing to 13-3/8", 68#, J-55, STC on the following wells that you are considering for permit:

Sundance 6-32T-8-18

Ashley 16-2T-9-15

Gilsonite 2A-32T-8-17

Odekirk Spring 4-36T-8-17

North Pariette 7-36T-8-18

Castle Draw 11-2T-9-17

Thanks,

Hans Wychgram

Newfield Production Company

hwychgram@newfield.com

303-382-4436 office

Fax to: 303-893-0103  
Newfield Production Company  
Attn: Roxann Eveland  
RE: Exception Location  
**Odekirk Spring State #4-36T-8-17**  
T8S R17E, Section 36: NW/4NW/4  
440' FNL 821' FWL  
Uintah County, Utah

Please be advised Yates Petroleum Corporation does not have an objection to the proposed location of the  
aforementioned well.

YATES PETROLEUM CORPORATION

By: *Samuel L. Randall*

Date: 12-11-07

*Senior Landman*  
Print Name and Title

Fax to: 303-893-0103  
 Newfield Production Company  
 Attn: Roxann Eveland

RE: Exception Location  
 Odekirk Spring State #4-36T-8-17  
 T8S R17E, Section 36: NW/4NW/4  
 440' FNL 821' FWL  
 Uintah County, Utah

Please be advised Yates Drilling Company does not have an objection to the proposed location of the  
 aforementioned well.

YATES DRILLING COMPANY

By: *Ernest H. Carroll*

Date: 12-11-07

*Ernest H. Carroll*  
 Print Name and Title  
*Senior Landman*

Fax to: 303-893-0103  
 Newfield Production Company  
 Attn: Roxann Eveland  
 RE: Exception Location  
 Odekirk Spring State #4-36T-8-17  
 T8S R17E, Section 36: NW/4NW/4  
 440' FNL 821' FWL  
 Uintah County, Utah

Please be advised Myco Industries Inc. does not have an objection to the proposed location of the  
 aforementioned well.

MYCO INDUSTRIES INC

By: *Ernest A. Powell*  
*Senior Landman*  
 Print Name and Title

Date: 12-11-07

Fax to: 303-893-0103  
 Newfield Production Company  
 Attn: Roxann Eveland  
 RE: Exception Location  
 Odekirk Spring State #4-36T-8-17  
 T8S R17E, Section 36: NW/4NW/4  
 440' FNL 821' FWL  
 Uintah County, Utah

Please be advised ABO Petroleum Corporation does not have an objection to the proposed location of the  
 aforementioned well.

ABO PETROLEUM CORPORATION

By: Ernest L. Carroll  
Senior Landman  
 Print Name and Title

Date: 12-13-07



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

**Division of Oil Gas and Mining**

JOHN R. BAZA  
Division Director

December 19, 2007

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Odekirk Spring State 4-36T-8-17 Well, 440' FNL, 821' FWL, NW NW, Sec. 36,  
T. 8 South, R. 17 East, 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-39769.

Sincerely,

For Gil Hunt  
Associate Director

pab  
Enclosures

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



Operator: Newfield Production Company  
Well Name & Number Odekirk Spring State 4-36T-8-17  
API Number: 43-047-39769  
Lease: ML-44305

Location: NW NW Sec. 36 T. 8 South R. 17 East

### Conditions of Approval

#### 1. General

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

#### 2. Notification Requirements

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

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

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

- Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

#### 3. Reporting Requirements

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
7. Surface casing shall be cemented to the surface.



December 5, 2007

Yates Drilling Company  
105 S. 4<sup>th</sup> Street  
Artesia, NM 88210

RE: Exception Location  
Odekirk Spring State #4-36T-8-17  
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

**Odekirk Spring State #4-36T-8-17**  
T8S R17E, Section 36: NW/4NW/4  
440' FNL 821' FWL  
Uintah County, Utah

This well is located 21' north of the drilling window as required by State of Utah R649-3-2. This location has been chosen so it will not interfere with the wellbore of the Odekirk 4-36-8-17, which is an oil well producing from the Green River formation. The Odekirk Spring State #4-36T-8-17 is proposed as a deep gas well. It is necessary to obtain your written concurrence with this exception location as a working interest owner.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). I appreciate your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland  
Land Associate

Enclosure

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JAN 07 2008

DIV. OF OIL, GAS & MINING



December 5, 2007

ABO Petroleum Corporation  
PO Box 900  
Artesia, NM 88211

RE: Exception Location  
Odekirk Spring State #4-36T-8-17  
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

**Odekirk Spring State #4-36T-8-17**  
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440' FNL 821' FWL  
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Sincerely,

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Roxann Eveland  
Land Associate

Enclosure

RECEIVED

JAN 07 2008

DIV. OF OIL, GAS & MINING



December 5, 2007

Myco Industries Inc.  
PO Box 840  
Artesia, NM 88211

RE: Exception Location  
Odekirk Spring State #4-36T-8-17  
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

**Odekirk Spring State #4-36T-8-17**  
T8S R17E, Section 36: NW/4NW/4  
440' FNL 821' FWL  
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Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland  
Land Associate

Enclosure

**RECEIVED**

**JAN 07 2008**

**DIV. OF OIL, GAS & MINING**



21 3-047-39769

January 3, 2008

State of Utah, Division of Oil, Gas & Mining  
ATTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Exception Location  
Odekirk Spring State #4-36T-8-17  
T8S R17E, Section 36: NW/4NW/4  
440' FNL 821'FWL  
Uintah County, Utah

Dear Ms. Mason;

By letter dated November 5, 2007, I submitted a request for the granting of an exception location for the above referenced well. In said letter, I stated the drillsite and surrounding acreage within a 460' radius was completely within the Odekirk Spring Unit. However, this was an error on my part. The Odekirk Spring State #4-36T-8-17 is being permitted as a deep gas well, which would not be covered by the Odekirk Spring Unit.

The Odekirk Spring State #4-36T-8-17 will be drilled on ML-44305, which is owned as follows as to the deep rights: Newfield 50%, Yates Petroleum Corporation 40%, Abo Petroleum Corporation 3.33%, Myco Industries Inc. 3.33% and Yates Drilling Company 3.34%. This well will be within 460' of U-74870, which is owned 100% by Newfield as to the deep rights. I have attached copies of letters signed by the above referenced entities, signifying their consent to the requested exception location.

If you have any questions, please do not hesitate to contact me at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). I apologize for any inconvenience this may cause.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland  
Land Associate

**RECEIVED**

**JAN 07 2008**

**DIV. OF OIL, GAS & MINING**

**RECEIVED**

DEC 10 2007

**MAIL ROOM**

December 5, 2007

Yates Petroleum Corporation  
ATTN: Ernest Carroll  
105 S. 4<sup>th</sup> Street  
Artesia, NM 88210

RE: Exception Location  
Odekirk Spring State #4-36T-8-17  
Uintah County, Utah

Dear Mr. Carroll;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

**Odekirk Spring State #4-36T-8-17**  
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Sincerely,

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Roxann Eveland  
Land Associate

Enclosure

**RECEIVED**

JAN 07 2008

DIV. OF OIL, GAS &amp; MINING

STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING

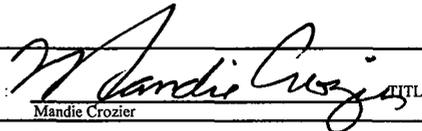
<p><b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.                  Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</p> <p>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>ML-44305</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <b>N/A</b></p> <p>7. UNIT AGREEMENT NAME <b>ODEKIRK SPRING</b></p> <p>8. WELL NAME and NUMBER <b>ODEKIRK SPRING STATE 4-36T-8-17</b></p> <p>9. API NUMBER <b>43-047-39769</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>MONUMENT BUTTE</b></p>
<p>2. NAME OF OPERATOR <b>NEWFIELD PRODUCTION COMPANY</b></p>	
<p>3. ADDRESS AND TELEPHONE NUMBER <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b></p>	
<p>4. LOCATION OF WELL</p> <p>Footages <b>440 FNL 821 FWL</b></p> <p>QQ, SEC, T, R, M: <b>NW/NW Section 36, T8S R17E</b></p>	

COUNTY **UINTAH**  
 STATE **UTAH**

<p><b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA</b></p>																											
<p style="text-align: center;">NOTICE OF INTENT: (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> ABANDON</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> REPAIR CASING</td> <td><input type="checkbox"/> PULL OR ALTER CASING</td> </tr> <tr> <td><input type="checkbox"/> CHANGE OF PLANS</td> <td><input type="checkbox"/> RECOMPLETE</td> </tr> <tr> <td><input type="checkbox"/> CONVERT TO INJECTION</td> <td><input type="checkbox"/> REPERFORATE</td> </tr> <tr> <td><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE</td> <td><input type="checkbox"/> VENT OR FLARE</td> </tr> <tr> <td><input type="checkbox"/> MULTIPLE COMPLETION</td> <td><input type="checkbox"/> WATER SHUT OFF</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> OTHER <u>APD Change</u></td> </tr> </table>	<input type="checkbox"/> ABANDON	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> REPAIR CASING	<input type="checkbox"/> PULL OR ALTER CASING	<input type="checkbox"/> CHANGE OF PLANS	<input type="checkbox"/> RECOMPLETE	<input type="checkbox"/> CONVERT TO INJECTION	<input type="checkbox"/> REPERFORATE	<input type="checkbox"/> FRACTURE TREAT OR ACIDIZE	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> MULTIPLE COMPLETION	<input type="checkbox"/> WATER SHUT OFF	<input checked="" type="checkbox"/> OTHER <u>APD Change</u>		<p style="text-align: center;">SUBSEQUENT REPORT OF: (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> ABANDON*</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> REPAIR CASING</td> <td><input type="checkbox"/> PULL OR ALTER CASING</td> </tr> <tr> <td><input type="checkbox"/> CHANGE OF PLANS</td> <td><input type="checkbox"/> RECOMPLETE</td> </tr> <tr> <td><input type="checkbox"/> CONVERT TO INJECTION</td> <td><input type="checkbox"/> REPERFORATE</td> </tr> <tr> <td><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE</td> <td><input type="checkbox"/> VENT OR FLARE</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> OTHER _____</td> </tr> </table> <p>DATE WORK COMPLETED _____</p> <p>Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</p> <p><small>*Must be accompanied by a cement verification report.</small></p>	<input type="checkbox"/> ABANDON*	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> REPAIR CASING	<input type="checkbox"/> PULL OR ALTER CASING	<input type="checkbox"/> CHANGE OF PLANS	<input type="checkbox"/> RECOMPLETE	<input type="checkbox"/> CONVERT TO INJECTION	<input type="checkbox"/> REPERFORATE	<input type="checkbox"/> FRACTURE TREAT OR ACIDIZE	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> OTHER _____	
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<input type="checkbox"/> OTHER _____																											

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

**Newfield Production Company requests to amend the name of the above mentioned APD. The new name will be the State 4-36T-8-17. The remainder of the APD will remain the same.**

13. NAME AND SIGNATURE:  TITLE Regulatory Specialist DATE 1/14/2008

(This space for State use only)

**RECEIVED**  
**JAN 16 2008**  
 DIV. OF OIL, GAS & MINING

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

<p><b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.</p> <p>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <b>ML-44305</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <b>N/A</b></p> <p>7. UNIT AGREEMENT NAME <b>NA</b></p>
<p>2. NAME OF OPERATOR <b>NEWFIELD PRODUCTION COMPANY</b></p>		<p>8. WELL NAME AND NUMBER <b>STATE 4-36T-8-17</b></p>
<p>3. ADDRESS AND TELEPHONE NUMBER <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b></p>		<p>9. API NUMBER <b>43-047-39769</b></p>
<p>4. LOCATION OF WELL</p> <p>Footages <b>440 FNL 821 FWL</b></p> <p>QQ, SEC, T, R, M: <b>NW/NW Section 36, T8S R17E</b></p>		<p>10. FIELD AND POOL, OR WILDCAT <b>MONUMENT BUTTE</b></p>
<p>COUNTY <b>UINTAH</b> STATE <b>UTAH</b></p>		

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

<p><b>NOTICE OF INTENT:</b> (Submit in Duplicate)</p> <p><input type="checkbox"/> ABANDON <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> WATER SHUT OFF</p> <p><input checked="" type="checkbox"/> OTHER <u>APD Change</u></p>	<p><b>SUBSEQUENT REPORT OF:</b> (Submit Original Form Only)</p> <p><input type="checkbox"/> ABANDON* <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> OTHER _____</p> <p>DATE WORK COMPLETED _____</p> <p>Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</p> <p>*Must be accompanied by a cement verification report.</p>
---	---

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

Newfield Production requests the following changes be made the drilling program on the above mentioned approved APD. Change surface casing depth to 2800', and casing to 13-3/8", 54.5#, J-55, STC

- Change intermediate casing depth to 10,200'
- Change production casing connection to LTC
- Minor changes in cement design for all strings. The revised Drilling Program is attached..

13. NAME & SIGNATURE: Mandie Crozier TITLE Regulatory Specialist DATE 2/8/2008

(This space for State use only)

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

DATE: 2/20/08

BY: [Signature]

RECEIVED  
FEB 13 2008  
DIV. OF OIL, GAS & MINING  
COPY SENT TO OPERATOR  
Date: 2-21-2008  
Initials: KS

NEWFIELD PRODUCTION COMPANY  
STATE #4-36T-8-17  
NW/NW SECTION 36, T8S, R17E  
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2,441'
Green River	2,441'
Wasatch	6,457'
Mesaverde	10,927'
Blackhawk	13,399'
Mancos	14,506'
Proposed TD	16,600'

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

Green River Formation (Oil)	2,441' – 6,457'	
Wasatch/Mesaverde/Blackhawk/Mancos/Dakota Formation (Gas)		6,457' - TD

4. PROPOSED CASING PROGRAM:

Surface hole: 17-1/2"

Surface Casing: 13-3/8", 54.5#, J-55, STC set at 2800' (New)

Cement with:

Lead: 579 sx Varicem VI (Class V) cement, 5 lb/sx Gilsonite (LCM), 0.125 lb/sx Poly E-Flake (LCM), 2 lb/sx Granulite (LCM), 10.5 ppg, 4.13 yield  
Tail: 555 sx Premium Cement, 0.3% Halad-344, 0.2% HR-5, 15.8 ppg, 1.15 yield

Intermediate hole: 12-1/4"

Intermediate Casing: 9-5/8", 47#, P-110, LTC set at 10,200' (New)

Cement with:

Lead: 490 sx Extendacem V2 System, 0.25 lb/sx Poly E-Flake (LCM), 0.3% HR-5, 11.1 ppg, 2.83 yield  
Tail: 1759 sx Bondcem System, 0.25% HR-5, 5% salt, 5 lb/sx Gilsonite, 14.35 ppg, 1.25 yield

Production hole: 8-1/2"

Production Casing: 4-1/2", 15.1#, P-110, LTC set at TD (New)

Cement with:

2058 sx 50/50 Poz Premium, 20% SSA-1, 5 lb/sx Silicate, 0.4% Halad-344, 0.2% CFR-3, 0.5% HR-601, 0.2% Super CBL, 0.1025 lb/sx Poly E-Flake (LCM), 0.2% HR-25, 13.5 ppg, 1.74 yield

\*Actual cement volumes will be 15% over caliper volume.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

<u>Section</u>	<u>BOP equipment</u>
Surface	Diverter system
Intermediate	13-5/8" 5M double ram, 13-5/8" 5M annular, rotating head
Production	11" 10M double ram, 11" 5M annular, rotating head

BOP equipment will be function tested daily. Choke manifold pressure rating will be equal to or greater than the pressure rating of the BOP rams. Refer to Exhibit C for a diagram of BOP equipment.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

A fresh water system will be utilized to drill the well. When necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel and barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. No chromates will be utilized in the fluid system.

In the event that the surface hole is to be drilled with air, Newfield requests a variance to regulations requiring a straight run blooie line. Newfield proposes that the flowline will contain two (2) 90-degree turns. Newfield also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Newfield requests authorization to ignite as needed, and the flowline at 80'.

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

<b>MUD PROGRAM</b>	<b>MUD TYPE</b>	<b>MAX MUD WEIGHT</b>
Surface – 2,800'	air/fresh water system	8.4 ppg
2,800' – 10,200'	fresh water based mud system	9.2 ppg
10,200 – TD	fresh water based mud system	13.0 ppg

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:**

The logging program will consist of a Compensated Neutron-Formation Density Log, Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 3500' +/- . A cement bond log will be run from PBTD to cement top in the production casing. No drill stem testing or coring is planned for this well.

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

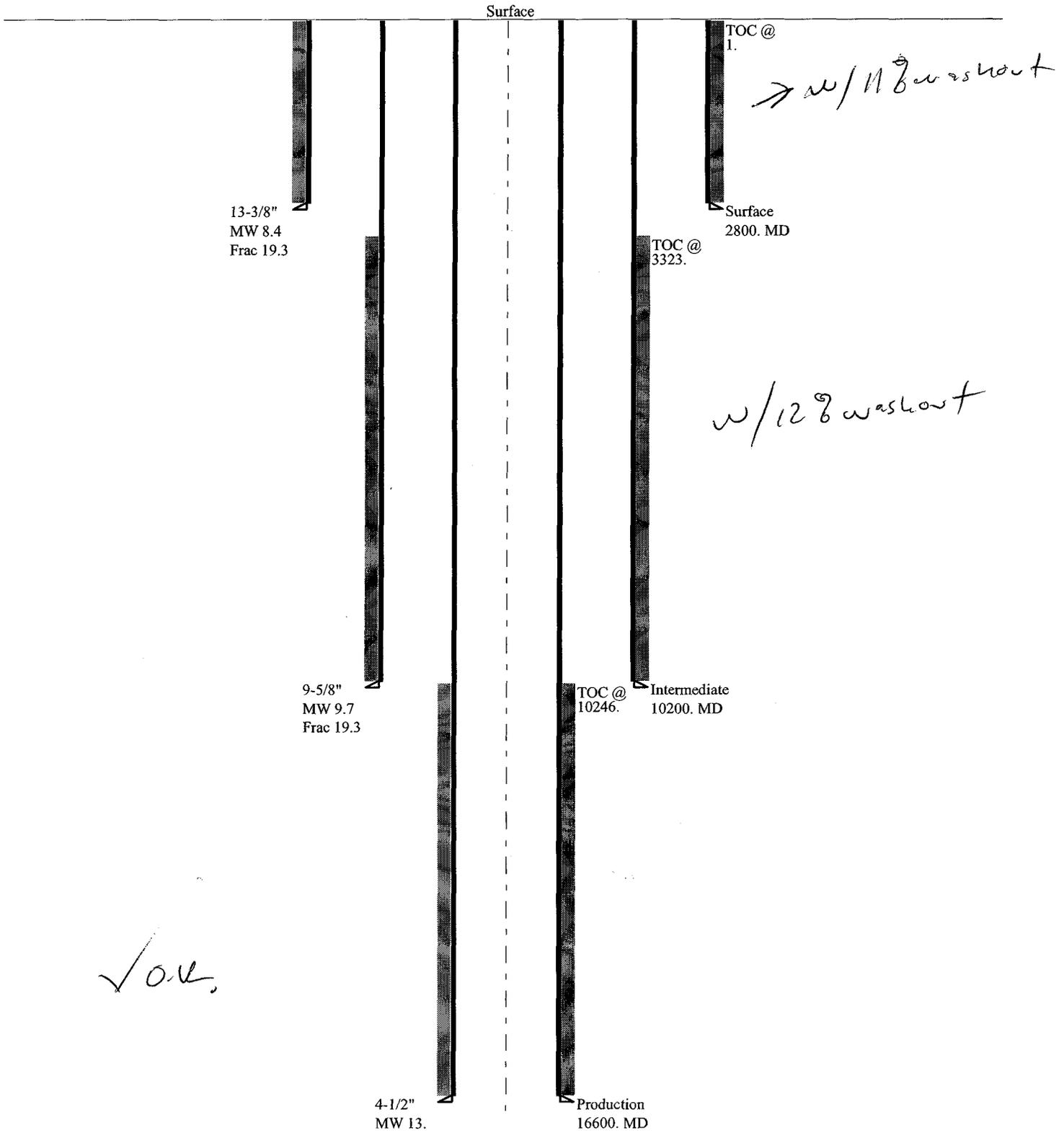
The anticipated maximum bottom hole pressure is equal to a 0.676 pressure gradient. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

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

It is anticipated that the drilling operations will commence the first quarter of 2008, and take approximately seventy five (75) days from spud to rig release.

# 2007-11 Newfield Odekirk Spring ST 4-36T-8-17rev.

## Casing Schematic



Well name:	<b>2007-11 Newfield Odekirk Spring ST 4-36T-8-17rev.</b>		Project ID:
Operator:	<b>Newfield Production Company</b>		43-047-39769
String type:	Intermediate		
Location:	Uintah County		

**Design parameters:**

**Collapse**

Mud weight: 9.700 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 218 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 3,323 ft

**Burst**

Max anticipated surface pressure: 7,558 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 9,802 psi  
 Annular backup: 2.33 ppg

**Tension:**

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

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 16,600 ft  
 Next mud weight: 13.000 ppg  
 Next setting BHP: 11,210 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 11,000 ft  
 Injection pressure: 11,000 psi

Tension is based on buoyed weight.  
 Neutral point: 8,716 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10200	9.625	47.00	P-110	LT&C	10200	10200	8.625	4192.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5140	7100	1.381	8568	9440	1.10	410	1213	2.96 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Minerals

Phone: 801-538-5357  
 FAX: 801-359-3940

Date: February 20, 2008  
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10200 ft, a mud weight of 9.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name: **2007-11 Newfield Odekirk Spring ST 4-36T-8-17rev.**  
 Operator: **Newfield Production Company**  
 String type: **Surface** Project ID: **43-047-39769**  
 Location: **Uintah County**

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
 Internal fluid density: 2.300 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 114 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 290 ft  
 Cement top: 1 ft

**Burst**

Max anticipated surface pressure: 2,464 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP 2,800 psi  
 Annular backup: 2.30 ppg

**Tension:**

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

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 10,200 ft  
 Next mud weight: 9,200 ppg  
 Next setting BHP: 4,875 psi  
 Fracture mud wt: 19,250 ppg  
 Fracture depth: 2,800 ft  
 Injection pressure: 2,800 psi

*gas gradient*

Tension is based on buoyed weight.  
 Neutral point: 2,452 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft <sup>3</sup> )
1	2800	13.375	54.50	J-55	ST&C	2800	2800	12.49	2430.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	887	1130	1.274	2465	2730	1.11	134	514	3.85 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Minerals

Phone: 801-538-5357  
 FAX: 801-359-3940

Date: February 20, 2008  
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2800 ft, a mud weight of 8.4 ppg. An internal gradient of .119 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

2/28/2008

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.

OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. <b>ML-44305</b>
2. NAME OF OPERATOR <b>NEWFIELD PRODUCTION COMPANY</b>	6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <b>N/A</b>
3. ADDRESS AND TELEPHONE NUMBER <b>Rt. 3 Box 3630, Myton Utah 84052          435-646-3721</b>	7. UNIT AGREEMENT NAME <b>NA</b>
4. LOCATION OF WELL Footages <b>440 FNL 821 FWL</b> QQ, SEC, T, R, M: <b>NW/NW Section 36, T8S R17E</b>	8. WELL NAME and NUMBER <b>STATE 4-36T-8-17</b>
	9. API NUMBER <b>43-047-39769</b>
	10. FIELD AND POOL, OR WILDCAT <b>MONUMENT BUTTE</b>
	COUNTY <b>UINTAH</b> STATE <b>UTAH</b>

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

2/28/2008

NOTICE OF INTENT: (Submit in Duplicate) <input type="checkbox"/> ABANDON <input type="checkbox"/> REPAIR CASING <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> MULTIPLE COMPLETION <input checked="" type="checkbox"/> OTHER <u>APD Change</u>	SUBSEQUENT REPORT OF: (Submit Original Form Only) <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR CASING <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> OTHER <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> RECOMPLETE <input type="checkbox"/> REPERFORATE <input type="checkbox"/> VENT OR FLARE DATE WORK COMPLETED _____ Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. *Must be accompanied by a cement verification report.
--	--

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

Newfield requests the following change to be made to the drilling program on the above mentioned approved APD: We will set 300' of 20" conductor pipe.

COPY SENT TO OPERATOR  
Date: 3.19.2008  
Initials: KS

13. NAME & SIGNATURE: Mandie Crozier TITLE: Regulatory Specialist DATE: 2/28/2008

(This space for State use only)

4/94 \* See Instructions On Reverse Side

Accepted by the Utah Division of Oil, Gas and Mining For Record Only

\* well has been plugged DWS 3/17/08

RECEIVED  
MAR 03 2008  
DIV. OF OIL, GAS & MINING

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: STATE 4-36T-8-17

Api No: 43-047-39769 Lease Type: STATE

Section 36 Township 08S Range 17E County UINTAH

Drilling Contractor ROSS DRILLING RIG # 7

## **SPUDDED:**

Date 03/05/08

Time 9:30 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by RAY HERRERA

Telephone # (435) 823-1990

Date 03/05//08 Signed CHD

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> <b>ML-44305</b>
<b>2. NAME OF OPERATOR</b> <b>NEWFIELD PRODUCTION COMPANY</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b> <b>N/A</b>
<b>3. ADDRESS AND TELEPHONE NUMBER</b> <b>Rt. 3 Box 3630, Myton Utah 84052</b> <b>435-646-3721</b>		<b>7. UNIT AGREEMENT NAME</b> <b>NA</b>
<b>4. LOCATION OF WELL</b> Footages <b>440 FNL 821 FWL</b> QQ, SEC, T, R, M: <b>NW/NW Section 36, T8S R17E</b>		<b>8. WELL NAME and NUMBER</b> <b>STATE 4-36T-8-17</b>
		<b>9. API NUMBER</b> <b>43-047-39769</b>
		<b>10. FIELD AND POOL, OR WILDCAT</b> <b>MONUMENT BUTTE</b>

COUNTY **UINTAH**  
STATE **UTAH**

<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA</b>			
<b>NOTICE OF INTENT:</b> (Submit in Duplicate)		<b>SUBSEQUENT REPORT OF:</b> (Submit Original Form Only)	
<input type="checkbox"/> ABANDON	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> ABANDON*	<input type="checkbox"/> NEW CONSTRUCTION
<input type="checkbox"/> REPAIR CASING	<input type="checkbox"/> PULL OR ALTER CASING	<input type="checkbox"/> REPAIR CASING	<input type="checkbox"/> PULL OR ALTER CASING
<input type="checkbox"/> CHANGE OF PLANS	<input type="checkbox"/> RECOMPLETE	<input type="checkbox"/> CHANGE OF PLANS	<input type="checkbox"/> RECOMPLETE
<input type="checkbox"/> CONVERT TO INJECTION	<input type="checkbox"/> REPERFORATE	<input type="checkbox"/> CONVERT TO INJECTION	<input type="checkbox"/> REPERFORATE
<input type="checkbox"/> FRACTURE TREAT OR ACIDIZE	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> FRACTURE TREAT OR ACIDIZE	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> MULTIPLE COMPLETION	<input type="checkbox"/> WATER SHUT OFF	<input type="checkbox"/> OTHER _____	
<input checked="" type="checkbox"/> OTHER <u>Rig Skid</u>		DATE WORK COMPLETED _____ Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. *Must be accompanied by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

During the process of spudding the above mentioned well, the bit twisted off and was not able to be fished out of the hole.

Newfield production requests permission to skid over 10' to the west. The new name of the proposed well will be the State 4-36TA-8-17. See the attached new APD package.

13. NAME & SIGNATURE: Mandie Crozier TITLE Regulatory Specialist DATE 3/7/2008

(This space for State use only)

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER Rt. 3 Box 3630, Myton Utah 84052 435-646-3721

4. LOCATION OF WELL 440 FNL 821 FWL NW/NW Section 36, T8S R17E

5. LEASE DESIGNATION AND SERIAL NO. ML-44305

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A

7. UNIT AGREEMENT NAME NA

8. WELL NAME and NUMBER STATE 4-36T-8-17

9. API NUMBER 43-047-39769

10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE

COUNTY UINTAH STATE UTAH

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

NOTICE OF INTENT: (Submit in Duplicate)

- ABANDON, REPAIR CASING, CHANGE OF PLANS, CONVERT TO INJECTION, FRACTURE TREAT OR ACIDIZE, MULTIPLE COMPLETION, OTHER, NEW CONSTRUCTION, PULL OR ALTER CASING, RECOMPLETE, REPERFORATE, VENT OR FLARE, WATER SHUT OFF

SUBSEQUENT REPORT OF: (Submit Original Form Only)

- ABANDON\*, REPAIR CASING, CHANGE OF PLANS, CONVERT TO INJECTION, FRACTURE TREAT OR ACIDIZE, OTHER, NEW CONSTRUCTION, PULL OR ALTER CASING, RECOMPLETE, REPERFORATE, VENT OR FLARE

DATE WORK COMPLETED Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

On 03/05/08 MIRU Ross spud rig #007. Spud well @ 9:30 am. Drill 267' of 17 1/2" hole with air mist. Bit twisted off. TOOH. On 03/06/08 TIH with overshot try to latch onto fish with no luck. TOOH. Rig up BJ Services and pump 400 sks class G neat cement @ 15.8 ppg from TD to surface. Returned 3 bbls cement to pit. Prepare for Rig Skid.

13. NAME & SIGNATURE: Ray Herrera TITLE Drilling Foreman DATE 3/7/2008

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK  
 OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other **P&A**

2. NAME OF OPERATOR  
**Newfield Exploration Company**

3. ADDRESS AND TELEPHONE NO.  
**1401 17th St. Suite 1000 Denver, CO 80202**

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
 At Surface **440' FNL & 821' FWL (NW/NW) Sec.36, T8S, R17E**  
 At top prod. Interval reported below

14. API NO. **43-047-39769** DATE ISSUED **12/19/07**  
 12. COUNTY OR PARISH **Uintah** 13. STATE **UT**

15. DATE SPUDDED **3/5/08** 16. DATE T.D. REACHED **3/5/08** 17. DATE COMPL. (Ready to prod.) **3/6/08** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **5061' GL** 19. ELEV. CASINGHEAD **5073' KB**

20. TOTAL DEPTH, MD & TVD **267'** 21. PLUG BACK T.D., MD & TVD **267'** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY **----->** ROTARY TOOLS **X** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* \_\_\_\_\_ 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN \_\_\_\_\_ 27. WAS WELL CORED **No**

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
Plug 1		

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
267'	ump 400 sacks Class "G" Cement down hole w/3 bbls returned to p

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) **P&A**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
				0	0	0	

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.) **NA** TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED Mandie Crozier TITLE **Regulatory Specialist** DATE **3/7/2008**

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
			NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name STATE 4-36T-8-17		
			Garden Gulch Mkr Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)		

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**NEWFIELD PRODUCTION COMPANY**

3. ADDRESS AND TELEPHONE NUMBER  
**Rt. 3 Box 3630, Myton Utah 84052  
435-646-3721**

4. LOCATION OF WELL  
Footages **440 FNL 821 FWL**  
CO. SEC. T. R. M: **NW/NW Section 36, T8S R17E**

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

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**NA**

8. WELL NAME and NUMBER  
**STATE 4-36T-8-17**

9. API NUMBER  
**43-047-39769**

10. FIELD AND POOL, OR WILDCAT  
**MONUMENT BUTTE**

COUNTY **UINTAH**  
STATE **UTAH**

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

NOTICE OF INTENT:  
(Submit in Duplicate)

ABANDON  NEW CONSTRUCTION  
 REPAIR CASING  PULL OR ALTER CASING  
 CHANGE OF PLANS  RECOMPLETE  
 CONVERT TO INJECTION  REPERFORATE  
 FRACTURE TREAT OR ACIDIZE  VENT OR FLARE  
 MULTIPLE COMPLETION  WATER SHUT OFF  
 OTHER \_\_\_\_\_

SUBSEQUENT REPORT OF:  
(Submit Original Form Only)

ABANDON\*  NEW CONSTRUCTION  
 REPAIR CASING  PULL OR ALTER CASING  
 CHANGE OF PLANS  RECOMPLETE  
 CONVERT TO INJECTION  REPERFORATE  
 FRACTURE TREAT OR ACIDIZE  VENT OR FLARE  
 OTHER \_\_\_\_\_

DATE WORK COMPLETED \_\_\_\_\_  
Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.  
\*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

On 03/05/08 MIRU Ross spud rig #007. Spud well @ 9:30 am. Drill 267' of 17 1/2" hole with air mist. Bit twisted off. TOO. On 03/06/08 TIH with overshot try to latch onto fish with no luck. TOO. Rig up BJ Services and pump 400 sks class G neat cement @ 15.8 ppg from TD to surface. Returned 3 bbls cement to pit. Prepare for Rig Skid.

13. NAME & SIGNATURE: Ray Herrera TITLE Drilling Foreman DATE 3/7/2008  
Ray Herrera

(This space for State use only)

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(See other instructions on reverse side)

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

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**NA**

7. UNIT AGREEMENT NAME  
**NA**

8. FARM OR LEASE NAME, WELL NO.  
**State 4-36T-8-17**

9. WELL NO.  
**43-047-39769**

10. FIELD AND POOL OR WILDCAT OR AREA  
**Monument Butte**

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

1a. TYPE OF WORK  
 OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other **P&A**

2. NAME OF OPERATOR  
**Newfield Exploration Company**

3. ADDRESS AND TELEPHONE NO.  
**1401 17th St. Suite 1000 Denver, CO 80202**

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
 At Surface **440' FNL & 821' FWL (NW/NW) Sec.36, T8S, R17E**  
 At top prod. Interval reported below

At total depth

14. API NO. **43-047-39769** DATE ISSUED **12/19/07**

12. COUNTY OR PARISH **Uintah** 13. STATE **UT**

15. DATE SPUNDED **3/5/08** 16. DATE T.D. REACHED **3/5/08** 17. DATE COMPL. (Ready to prod.) **3/6/08** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **5061' GL** 19. ELEV. CASINGHEAD **5073' KB**

20. TOTAL DEPTH, MD & TVD **267'** 21. PLUG BACK T.D., MD & TVD **267'** 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY **----->** ROTARY TOOLS **X** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* \_\_\_\_\_ 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN \_\_\_\_\_ 27. WAS WELL CORED **No**

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
Plug 1		

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
267'	Jump 400 sacks Class "G" Cement down hole w/3 bbls returned to p

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33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) **P&A**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
				0	0	0	

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.) **NA** TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

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

SIGNED Mandie Crozier TITLE Regulatory Specialist DATE 3/7/2008

MC

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



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

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

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16739	4304739769	STATE 4-36T-8-17	NWNW	36	8	17	UINTAH	3/5/2008	3/17/08
WELL 1 COMMENTS: <i>MNCS PA'd</i>											
A	99999		4304739264	FEDERAL 10-24-9-17	NWSE	24	9	17	UINTAH	<del>3/5/2008</del>	3/17/08
C <i>GRRV</i>											
B	99999	11880	4301333713	BELUGA FEDERAL C-17-9-17	NWNE	17	9	17	DUCHESE	3/5/2008	3/17/08
<i>GRRV BHL = NWNE</i>											
A	99999		4304739962	STATE 4-36TA-8-17	NWNW	36	8	17	UINTAH	3/7/2008	
<i>MNCS Rigskid from 4304739769</i>											
B	99999	12417	4301333304	LONETREE FEDERAL 1-22-9-17	NENE	22	9	17	DUCHESNE	3/7/2008	3/17/08
<i>GRRV</i>											
A	99999	16740	4301333850	STATE 6-16-9-16	SENE	16	8	16	DUCHESNE	3/3/2008	3/17/08
<i>GRRV SENW 16 9S 16E</i>											

- ACTION CODES (See instructions on back of form)
- A - new entity for new well (single well only)
  - B - well to existing entity (group or unit well)
  - C - from one existing entity to another existing entity
  - D - well from one existing entity to a new entity
  - E - other (explain in comments section)

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

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*Tammi Lee*  
Signature

Tammi Lee

Production Clerk

03/12/08

Date

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