

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input checked="" type="checkbox"/>	
<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Schwab-Stollmack 3-24-4-1W	
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> UNDESIGNATED	
<b>4. TYPE OF WELL</b> Oil Well      Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>	
<b>6. NAME OF OPERATOR</b> NEWFIELD PRODUCTION COMPANY						<b>7. OPERATOR PHONE</b> 435 646-4825	
<b>8. ADDRESS OF OPERATOR</b> Rt 3 Box 3630 , Myton, UT, 84052						<b>9. OPERATOR E-MAIL</b> mcrozier@newfield.com	
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE</b>			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Henderson Ranches LLC						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>	
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> RR 3 Box 3671, Myton, UT 84052						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>	
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>	
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	912 FNL 1873 FWL		NENW	24	4.0 S	1.0 W	U
<b>Top of Uppermost Producing Zone</b>	912 FNL 1873 FWL		NENW	24	4.0 S	1.0 W	U
<b>At Total Depth</b>	912 FNL 1873 FWL		NENW	24	4.0 S	1.0 W	U
<b>21. COUNTY</b> UINTAH			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 912		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40		
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1347		<b>26. PROPOSED DEPTH</b> MD: 7170 TVD: 7170		
<b>27. ELEVATION - GROUND LEVEL</b> 5031			<b>28. BOND NUMBER</b> B001834		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 437478		
<b>ATTACHMENTS</b>							
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>							
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER				<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)				<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
<b>NAME</b> Mandie Crozier			<b>TITLE</b> Regulatory Tech			<b>PHONE</b> 435 646-4825	
<b>SIGNATURE</b>			<b>DATE</b> 07/13/2010			<b>EMAIL</b> mcrozier@newfield.com	
<b>API NUMBER ASSIGNED</b> 43047511660000			<b>APPROVAL</b>			 Permit Manager	

<b>Proposed Hole, Casing, and Cement</b>						
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Prod	7.875	5.5	0	7170		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade J-55 LT&C	7170	15.5			

<b>Proposed Hole, Casing, and Cement</b>						
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Surf	12.25	8.625	0	430		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade J-55 ST&C	430	24.0			

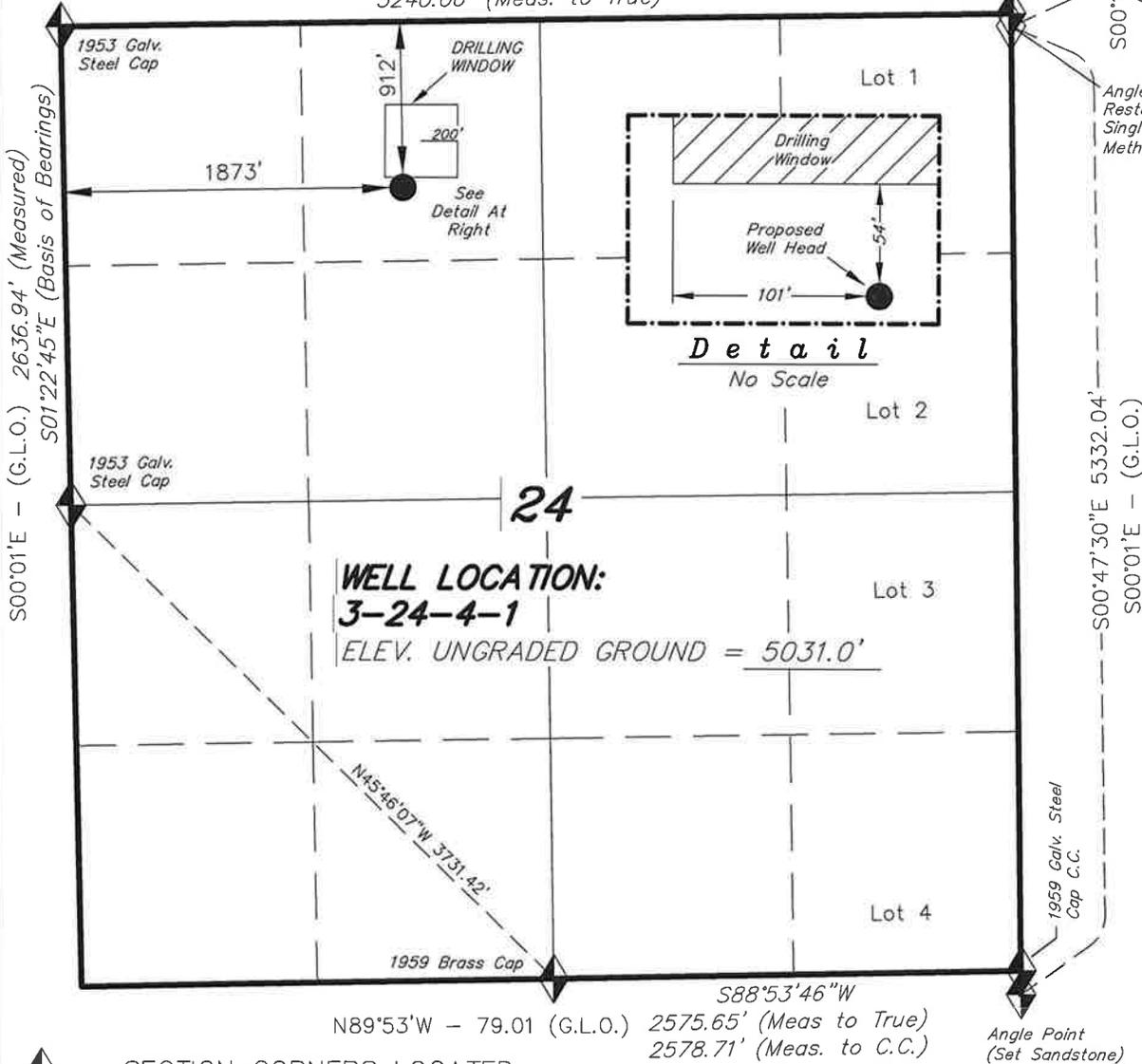
**T4S, R1W,  
U.S.B.&M.**

N89°53'W - 79.30 (G.L.O.)  
S89°06'57"W  
5240.57' (Meas. to C.C.)  
5240.06' (Meas. to True)

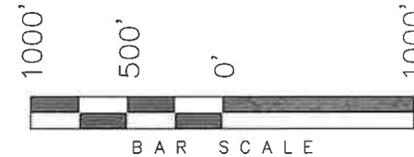
Angle Point  
Northwest Corner  
Section 18  
(1959 Galv. Cap)

**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, 3-24-4-1, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 24, T4S, R1W, U.S.B.&M. UINTAH COUNTY, UTAH.

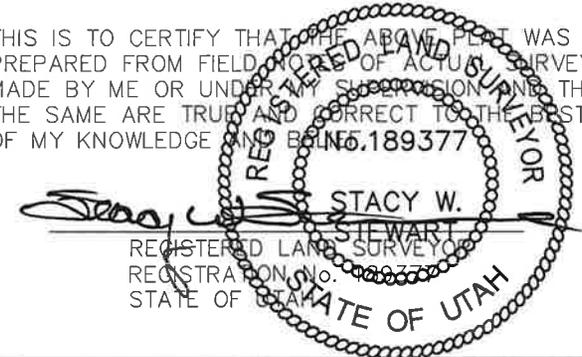


Angle Point  
Restablished Using  
Single Proportion  
Method (Not Set)



**Note:**  
1. The Proposed Well head bears N10°56'22"W 4436.88' from the South 1/4 Corner of Section 24.

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.



**WELL LOCATION:  
3-24-4-1**  
ELEV. UNGRADED GROUND = 5031.0'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

**3-24-4-1**  
**(Surface Location) NAD 83**  
LATITUDE = 40° 07' 30.85"  
LONGITUDE = 109° 56' 50.88"

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

DATE SURVEYED: 01-20-10	SURVEYED BY: C.M.
DATE DRAWN: 02-01-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

**MEMORANDUM  
of  
EASEMENT, RIGHT-OF-WAY  
and  
SURFACE USE AGREEMENT**

This Easement and Surface Use Agreement (“Agreement”) is entered into this 20th day of May 2010 by and between, **Wayne and Moreen Henderson, Lance and Julie Henderson, Tommy Henderson, and Billie Henderson**, whose address is R.R. 3, Box 3671, Myton, Utah 84052 (“Surface Owner,” whether one or more), and NEWFIELD PRODUCTION COMPANY, a Texas corporation (“NEWFIELD”), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the “Lands”) situated in Uintah County, Utah described as follows:

**Township 4 South, Range 1 West  
Section 24: NENW  
(3-24-4-1, approx. 1.5 acres plus approx. 220ft of road and pipeline)**

**Uintah County, Utah**

**(limited to proposed roads, pipelines, & well pad only, as shown in attached plats)**

**and associated road and pipeline routes beginning at the wellsites and traversing the lands as shall be agreed upon prior to the construction of same.**

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. **Compensation for Well; Release of All Claims**

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated May 20th, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD’s drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. **Grant of Right of Way and Easement**

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD’s oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

**NEWFIELD PRODUCTION COMPANY**

By: \_\_\_\_\_  
Dan Shewmake, Vice President-Development

**SURFACE OWNERS**

By: Wayne Henderson  
Wayne Henderson

By: Moreen Henderson  
Moreen Henderson

By: Lance Henderson  
Lance Henderson

By: Julie Henderson  
Julie Henderson

By: Tommy Henderson  
Tommy Henderson

By: Billie Henderson  
Billie Henderson

STATE OF UTAH            )  
                                  )ss  
COUNTY OF \_\_\_\_\_ )

STATE OF UTAH )  
COUNTY OF Duchesne )ss

This instrument was acknowledged before me this 26<sup>th</sup> day of June, 2010 by **Wayne Henderson and Moreen Henderson**

Witness my hand and official seal.

My commission expires 9/8/2013



STATE OF UTAH )  
COUNTY OF Duchesne )ss

This instrument was acknowledged before me this 26<sup>th</sup> day of June, 2010 by **Lance Henderson and Julie Henderson**

Witness my hand and official seal.

My commission expires 9/8/2013



STATE OF UTAH )  
COUNTY OF Duchesne )ss

This instrument was acknowledged before me this 26<sup>th</sup> day of June, 2010 by **Tommy Henderson and Billie Henderson**

Witness my hand and official seal.

My commission expires 9/8/2013



STATE OF COLORADO )  
COUNTY OF Denver )ss

This instrument was acknowledged before me this \_\_\_\_\_, 2010 by **Dan Shewmake-Development, as Vice President of Newfield Production Company**, a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

NEWFIELD PRODUCTION COMPANY  
SCHWAB-STOLLMACK 3-24-4-1W  
NE/NW SECTION 24, T4S, R1W  
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' – 2,095'
Green River	2,095'
Wasatch	6,895'
<b>Proposed TD</b>	<b>7,170'</b>

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

Green River Formation (Oil) 2,095' – 6,895'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sample Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: Schwab-Stollmack 3-24-4-1W**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	430'	24.0	J-55	STC	2,950	1,370	244,000
						12.23	10.01	23.64
Prod casing 5-1/2"	0'	7,170'	15.5	J-55	LTC	4,810	4,040	217,000
						2,11	1.77	1.95

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg  
 Pore pressure at surface casing shoe = 8.33 ppg  
 Pore pressure at prod casing shoe = 8.33 ppg  
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: Schwab-Stollmack 3-24-4-1W**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
			ft <sup>3</sup>			
Surface casing	430'	Class G w/ 2% CaCl	197	30%	15.8	1.17
			231			
Prod casing Lead	5,170'	Prem Lite II w/ 10% gel + 3% KCl	357	30%	11.0	3.26
			1165			
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363	30%	14.3	1.24
			451			

- \*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

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

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

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

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

From surface to ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

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 Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 350' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBDT to cement top. No drill stem testing or coring is planned for this well.

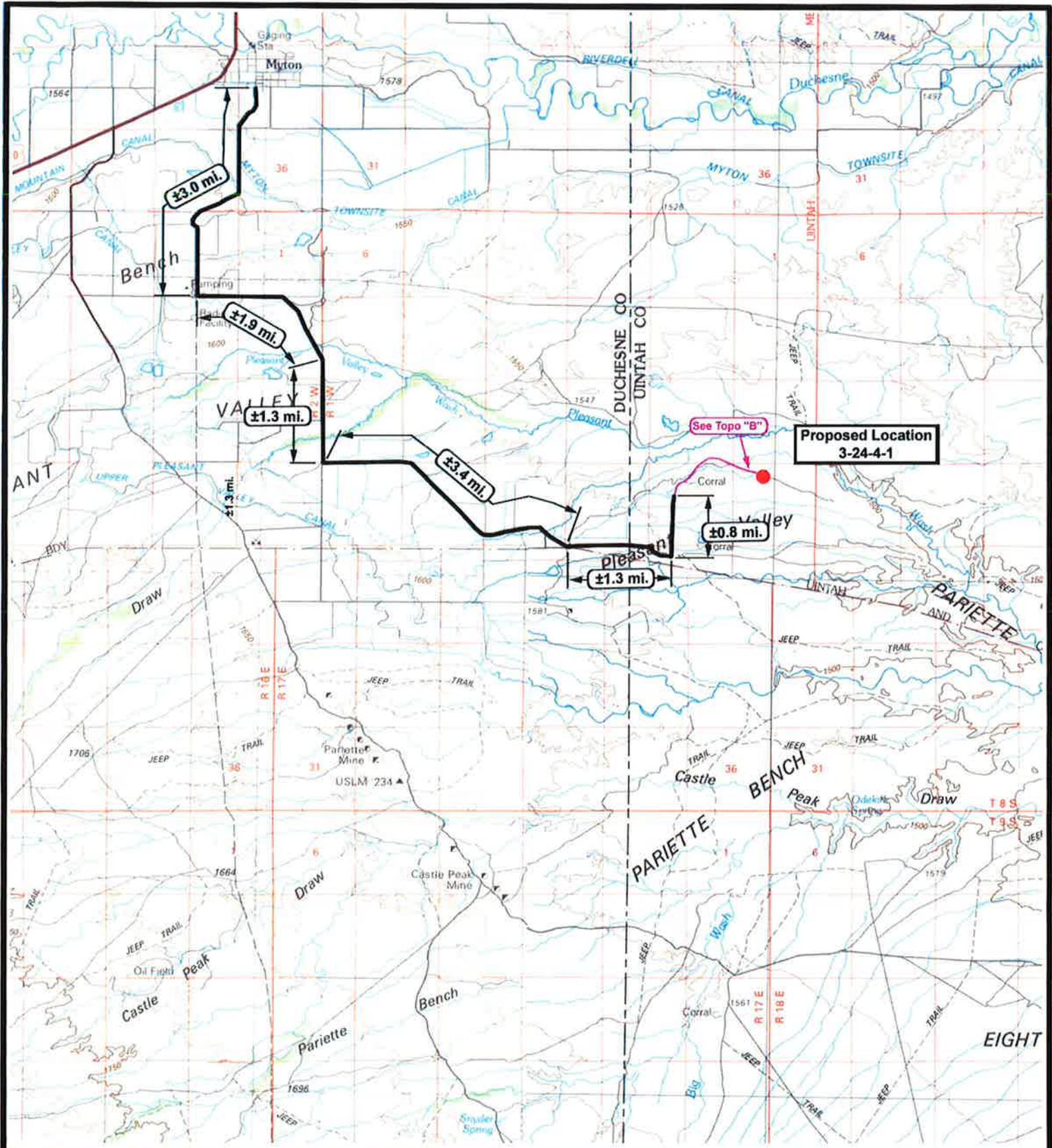
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

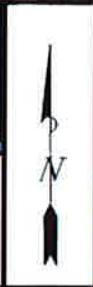
10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2010, and take approximately seven (7) days from spud to rig release.



**NEWFIELD**  
Exploration Company

**3-24-4-1**  
**SEC. 24, T4S, R1W, U.S.B.&M.**



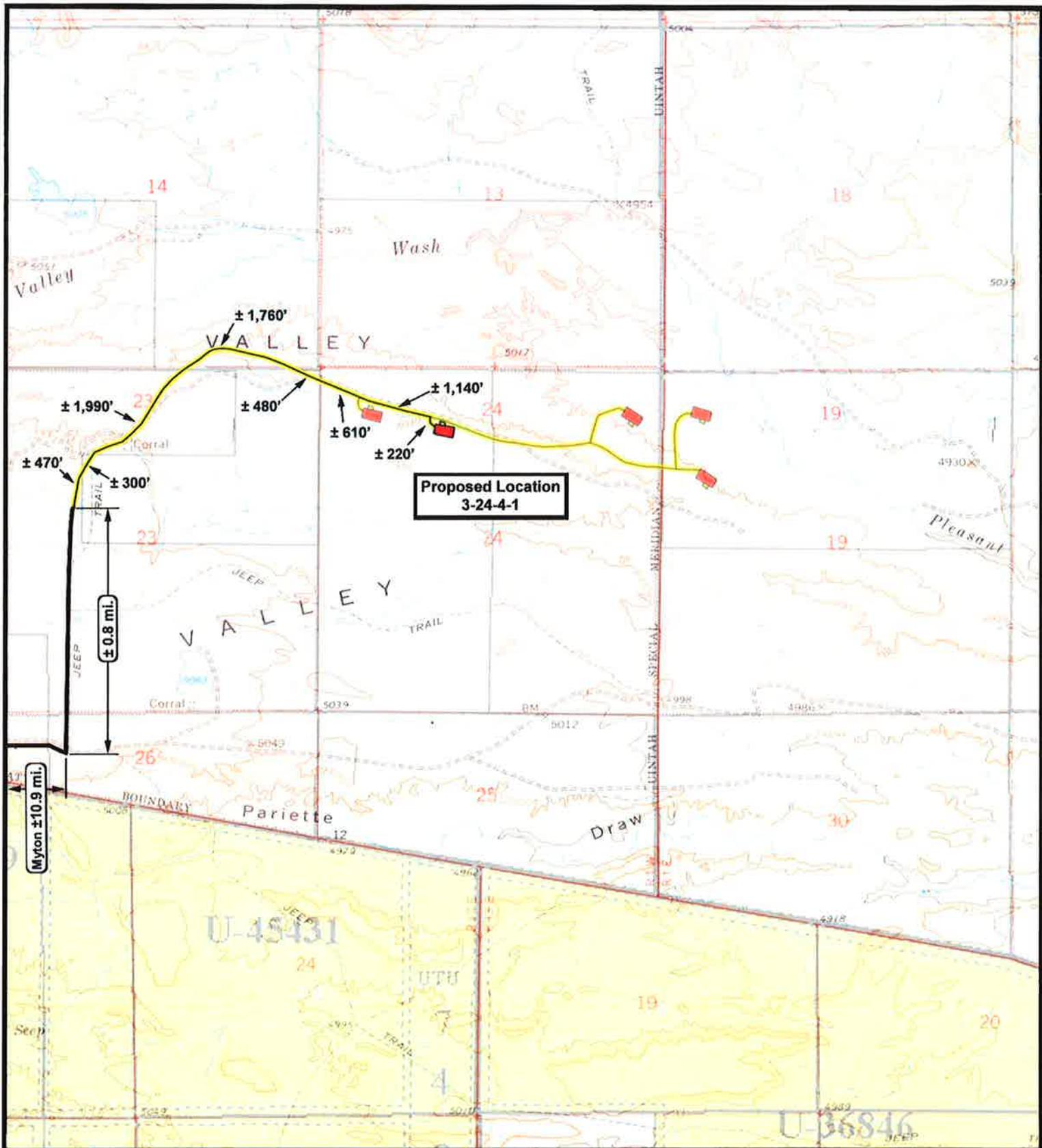
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE:** 1 : 100,000  
**DRAWN BY:** mw  
**DATE:** 02-02-2010

**Legend**

- Existing Road
- Proposed Access

**TOPOGRAPHIC MAP**  
**"A"**



**NEWFIELD**  
Exploration Company

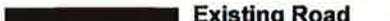
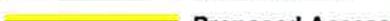
**3-24-4-1**  
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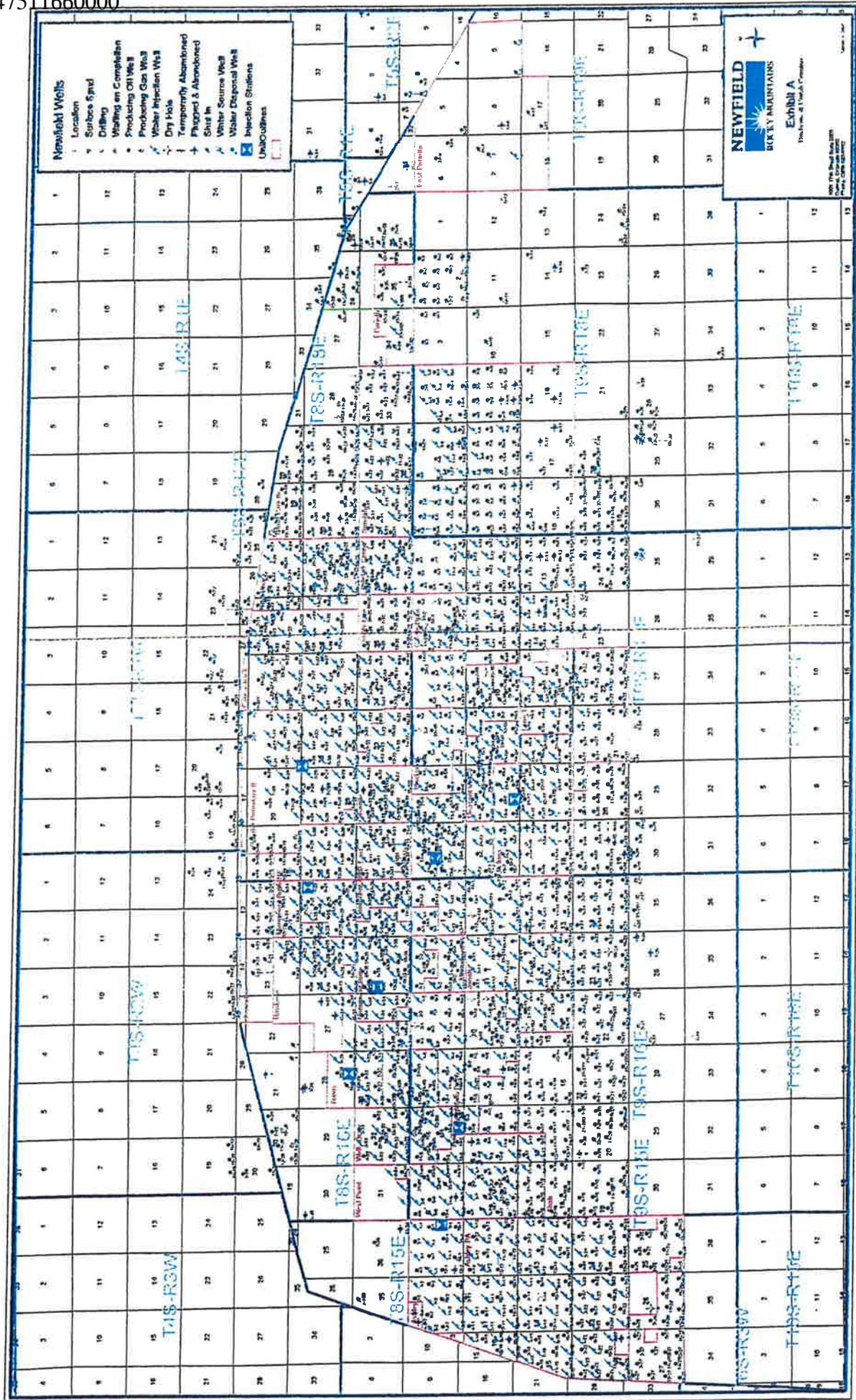
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**DRAWN BY: mw**  
**DATE: 02-02-2010**

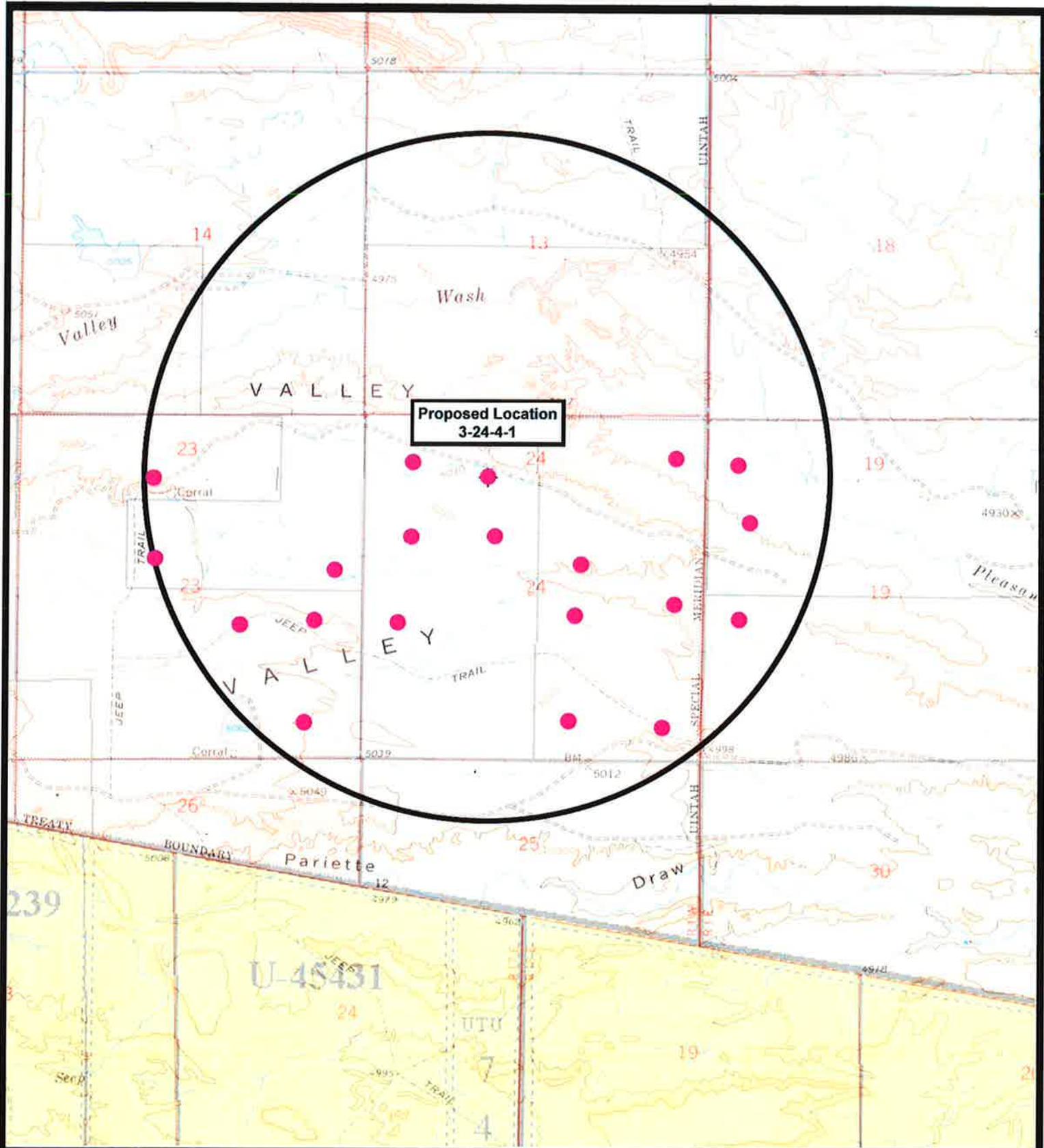
**Legend**

-  Existing Road
-  Proposed Access

**TOPOGRAPHIC MAP**  
**"B"**







 **NEWFIELD**  
Exploration Company

**3-24-4-1**  
**SEC. 24, T4S, R1W, U.S.B.&M.**



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

**SCALE: 1" = 2,000'**  
**DRAWN BY: mw**  
**DATE: 02-02-2010**

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

NEWFIELD PRODUCTION COMPANY  
SCHWAB-STOLLMACK 3-24-4-1W  
NE/NW SECTION 24, T4S, R1W  
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map “A”**

To reach Newfield Production Company well location site Schwab-Stollmack 3-24-4-1W located in the NE¼ NW¼ Section 24, T4S, R1W, S.L.B. & M., Uintah County, Utah:

Proceed in a southwesterly direction out of Myton, approximately 3.0 miles to the junction of this road and an existing road to the east; proceed southeasterly approximately 1.9 miles to it's junction with an existing road to the south; proceed southerly approximately 1.3 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 4.7 miles to it's junction with an existing road to the north; proceed northerly approximately 0.8 miles to it's junction with the beginning of the proposed access road; proceed in a easterly direction along the proposed access road approximately 6,750' ; turn and continue along the proposed access road approximately 220' 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

Approximately 6,970' of access road is proposed. See attached **Topographic Map “B”**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is 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 a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

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

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right: 43-7478

Neil Moon Pond  
Water Right: 43-11787

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

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. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and 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:** Henderson Ranches LLC  
See the attached Memorandum of Right of Way and Surface Use Agreement.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 6,970' of planned access road to be granted. **Refer to Topographic Map "B"**. Newfield Production Company requests 220' of surface gas line to be granted. Newfield Production Company requests 220' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 3" poly fuel gas line, a buried 3" steel water injection line and a buried 3" poly water return line. The planned access road will consist of a 18' permanent running surface (9' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events 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 turnouts as needed along this road to allow for increases in potential traffic issues. 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.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice form will be applied for through the State of Utah DOGM.

- 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 Schwab-Stollmack 3-24-4-1W, 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 Schwab-Stollmack 3-24-4-1W 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: Tim Eaton  
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 #3-24-4-1W, NE/NW Section 24, T4S, R1W, 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 Bond #B001834.

Ten Point Well Program &  
Thirteen Point Well Program  
Page 10 of 10

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.

7/12/10  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# 2-M SYSTEM

Blowout Prevention Equipment Systems

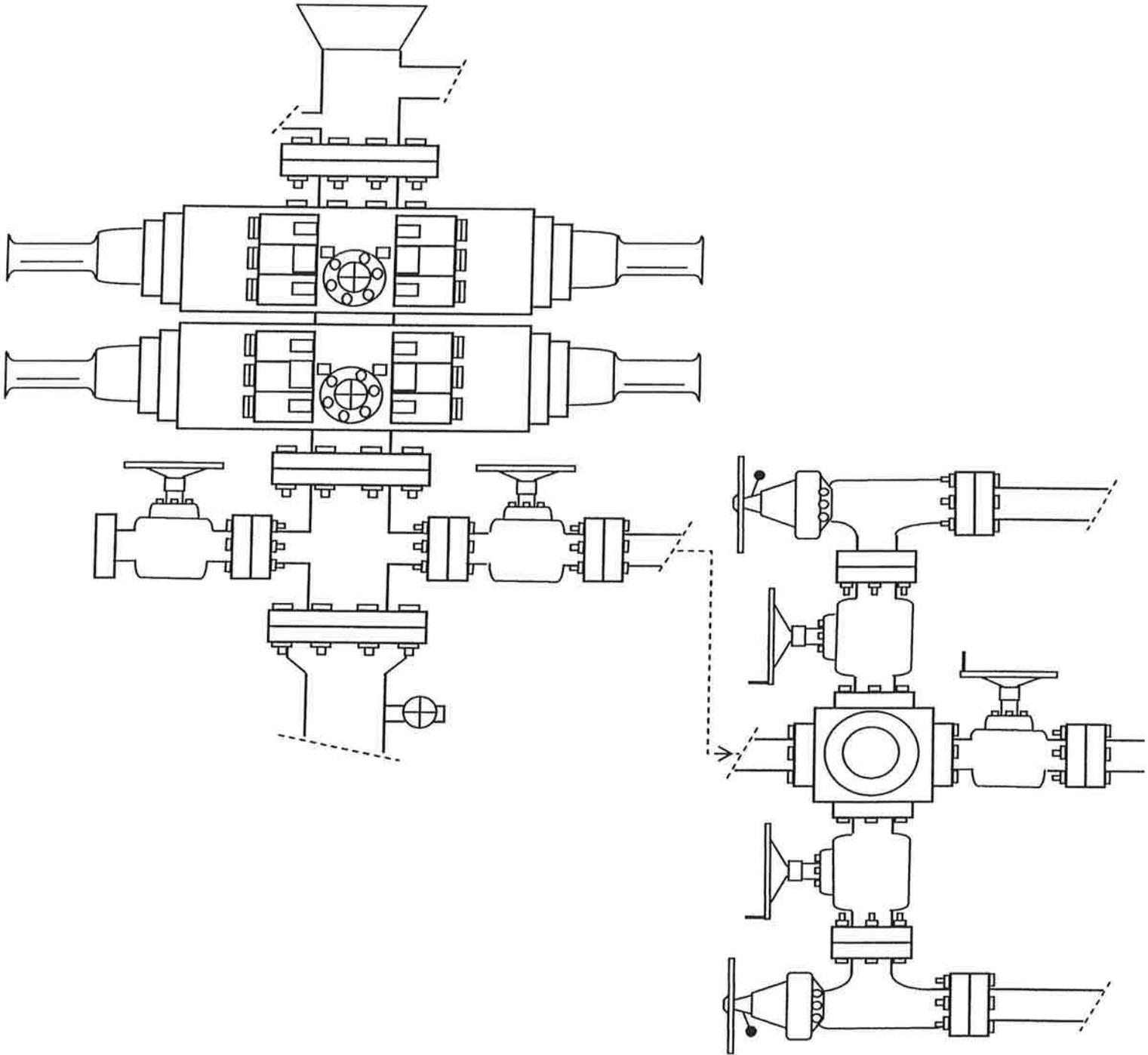


EXHIBIT C

# NEWFIELD



Route #3 Box 3630  
Myton, Utah 84052  
(435) 646-4825, FAX: (435) 646-3031

July 13, 2010

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

RE: Application for Permit to Drill  
**Schwab-Stollmack 3-24-4-1W**

Dear Diana:

The above mentioned location is an **Exception Location**. Our Land Department will send you the required exception location letter. If you have any questions, feel free to give either Tim Eaton or myself a call.

Sincerely,

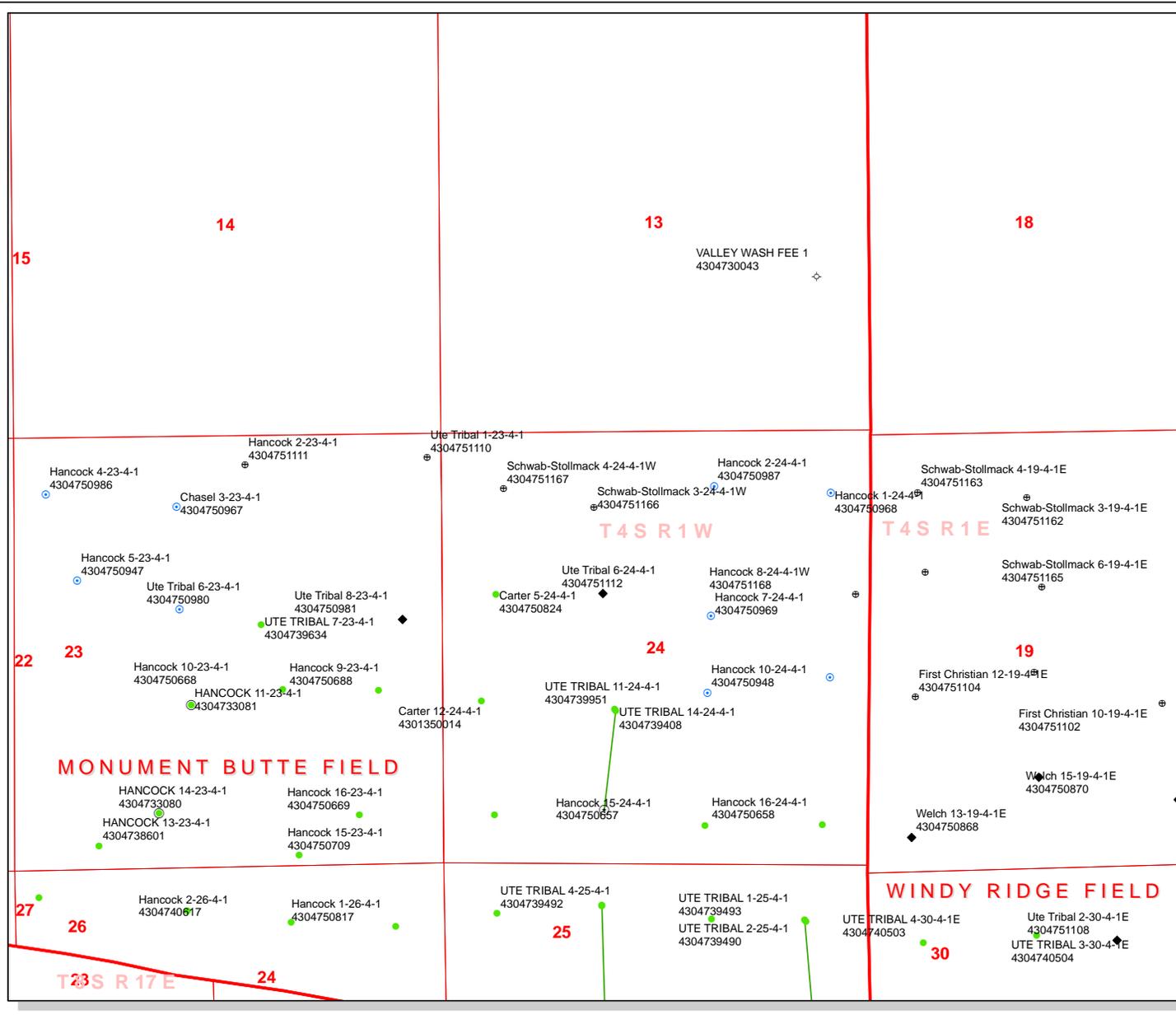
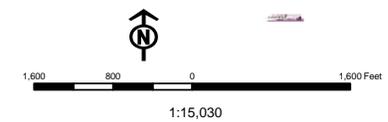
A handwritten signature in blue ink that reads "Mandie Crozier". The signature is fluid and cursive.

Mandie Crozier  
Regulatory Specialist

**API Number: 4304751166**  
**Well Name: Schwab-Stollmack 3-24-4-1W**  
**Township 04.0 S Range 01.0 W Section 24**  
**Meridian: UBM**  
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:  
 Map Produced by Diana Mason

<b>Units</b>	<b>Wells Query</b>
<b>STATUS</b>	✕ <all other values>
ACTIVE	◆ APD - Approved Permit
EXPLORATORY	○ DRL - Spudded (Drilling Commenced)
GAS STORAGE	○ GIW - Gas Injection
NF PP OIL	★ GS - Gas Storage
PI OIL	✕ LA - Location Abandoned
PP GAS	⊕ LOC - New Location
PP GEOTHERML	⊖ OPS - Operation Suspended
PP OIL	⊖ PA - Plugged Abandoned
SECONDARY	⊖ PGW - Producing Gas Well
TERMINATED	● POW - Producing Oil Well
<b>Fields</b>	⊖ RET - Returned APD
Sections	⊖ SGW - Shut-in Gas Well
Township	⊖ SOW - Shut-in Oil Well
	⊖ TA - Temp. Abandoned
	○ TW - Test Well
	⊖ WDW - Water Disposal
	⊖ WWI - Water Injection Well
	● WSW - Water Supply Well



15

14

13

18

VALLEY WASH FEE 1  
4304730043

T 4 S R 1 W

T 4 S R 1 E

22

23

24

19

MONUMENT BUTTE FIELD

WINDY RIDGE FIELD

27

26

25

30

T 3 S R 17 E

24

Hancock 2-23-4-1  
4304751111

Ute Tribal 1-23-4-1  
4304751110

Hancock 4-23-4-1  
4304750986

Chasel 3-23-4-1  
4304750967

Schwab-Stollmack 4-24-4-1W  
4304751167

Hancock 2-24-4-1  
4304750987

Schwab-Stollmack 4-19-4-1E  
4304751163

Hancock 5-23-4-1  
4304750947

Ute Tribal 6-23-4-1  
4304750980

Ute Tribal 8-23-4-1  
4304750981

UTE TRIBAL 7-23-4-1  
4304739634

Carter 5-24-4-1  
4304750824

Ute Tribal 6-24-4-1  
4304751112

Hancock 8-24-4-1W  
4304751168

Hancock 7-24-4-1  
4304750969

Schwab-Stollmack 3-19-4-1E  
4304751162

Schwab-Stollmack 6-19-4-1E  
4304751165

Hancock 10-23-4-1  
4304750668

Hancock 9-23-4-1  
4304750688

HANCOCK 11-23-4-1  
4304733081

Carter 12-24-4-1  
4301350014

UTE TRIBAL 11-24-4-1  
4304739951

UTE TRIBAL 14-24-4-1  
4304739408

Hancock 10-24-4-1  
4304750948

First Christian 12-19-4-1E  
4304751104

First Christian 10-19-4-1E  
4304751102

HANCOCK 14-23-4-1  
4304733080

Hancock 16-23-4-1  
4304750669

HANCOCK 13-23-4-1  
4304738601

Hancock 15-23-4-1  
4304750709

Hancock 15-24-4-1  
4304750657

Hancock 16-24-4-1  
4304750658

Welch 13-19-4-1E  
4304750868

Welch 15-19-4-1E  
4304750870

Hancock 2-26-4-1  
4304740617

Hancock 1-26-4-1  
4304750817

UTE TRIBAL 4-25-4-1  
4304739492

UTE TRIBAL 1-25-4-1  
4304739493

UTE TRIBAL 2-25-4-1  
4304739490

UTE TRIBAL 4-30-4-1E  
4304740503

Ute Tribal 2-30-4-1E  
4304751108

UTE TRIBAL 3-30-4-1E  
4304740504

Well Name	NEWFIELD PRODUCTION COMPANY Schwab-Stollmack 3-24-4-1W 4304			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	430	7170		
Previous Shoe Setting Depth (TVD)	0	430		
Max Mud Weight (ppg)	8.3	8.3		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	3083	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	186	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	134	YES <input type="checkbox"/> air drill <input type="text"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	91	YES <input type="checkbox"/> OK <input type="text"/>
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	91	NO <input type="checkbox"/> <input type="text"/>
Required Casing/BOPE Test Pressure=		430	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

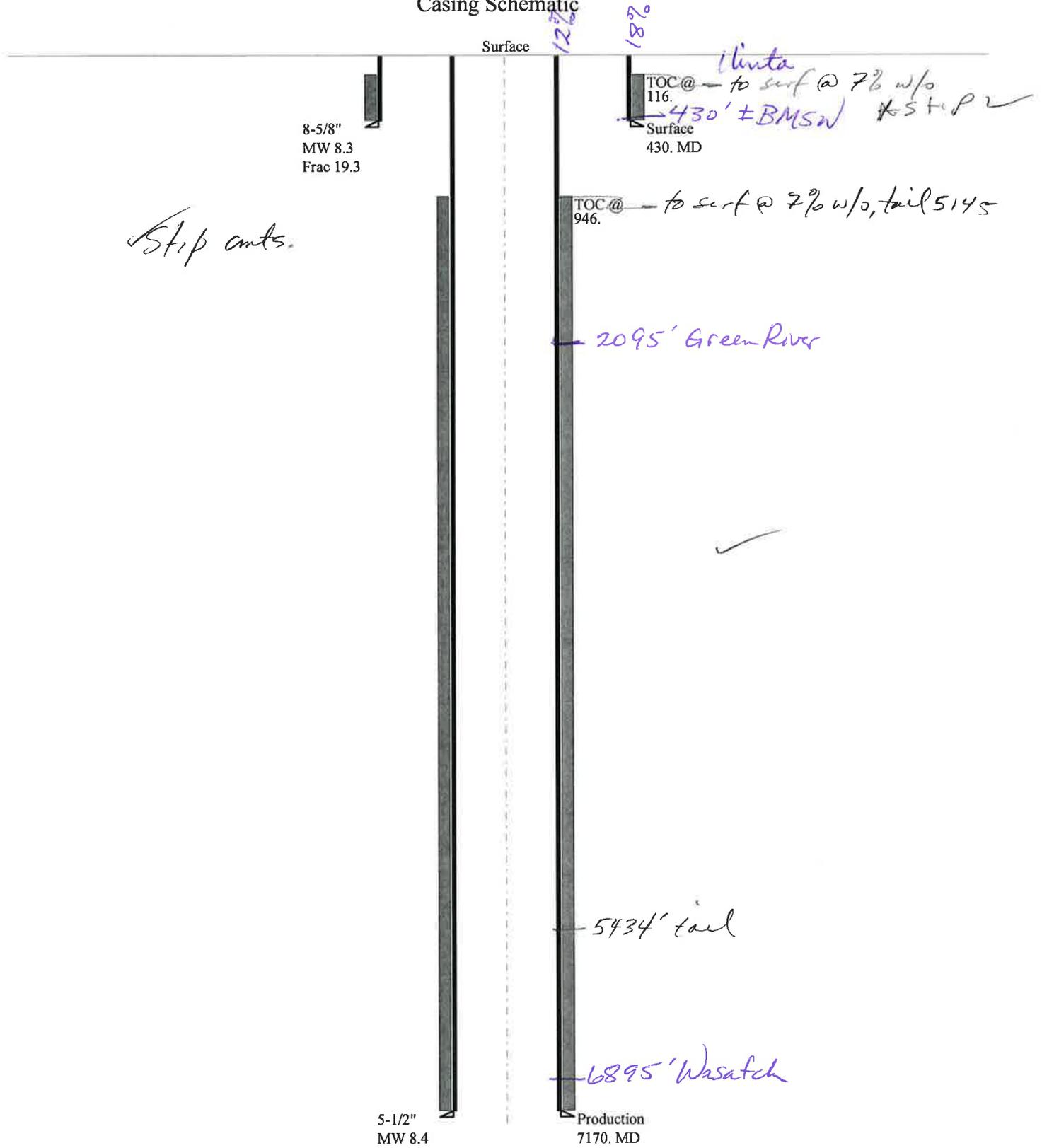
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3095	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2235	NO <input type="checkbox"/> <input type="text"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1518	YES <input type="checkbox"/> OK <input type="text"/>
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1612	NO <input type="checkbox"/> Reasonable for area <input type="text"/>
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		430	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/> <input type="text"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/> <input type="text"/>
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/> <input type="text"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/> <input type="text"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/> <input type="text"/>
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/> <input type="text"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

# 43047511660000 Schwab-Stollmack 3-24-4-1 W

## Casing Schematic



Well name:	<b>43047511660000 Schwab-Stollmack 3-24-4-1W</b>		
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>		
String type:	Surface	Project ID:	43-047-51166
Location:	UINTAH	COUNTY	

**Design parameters:**

**Collapse**

Mud weight: 8.330 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: 74 °F  
Bottom hole temperature: 80 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 116 ft

**Burst**

Max anticipated surface pressure: 378 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 430 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.70 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 376 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 7,170 ft  
Next mud weight: 8.400 ppg  
Next setting BHP: 3,129 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 430 ft  
Injection pressure: 430 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)	Est. Cost (\$)
1	430	8.625	24.00	J-55	ST&C	430	430	7.972	2214
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	186	1370	7.363	430	2950	6.86	10.3	244	23.64 J

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

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

Date: August 9, 2010  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 430 ft, a mud weight of 8.33 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>43047511660000 Schwab-Stollmack 3-24-4-1W</b>		
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>		
String type:	Production	Project ID:	43-047-51166
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

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 174 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 946 ft

**Burst**

Max anticipated surface pressure: 1,551 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 3,129 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: 1.60 (B)

**Non-directional string.**

Tension is based on air weight.  
Neutral point: 6,259 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)	Est. Cost (\$)
1	7170	5.5	15.50	J-55	LT&C	7170	7170	4.825	25317
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	3129	4040	1.291	3129	4810	1.54	111.1	217	1.95 J

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

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

Date: August 9, 2010  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7170 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.



January 12, 2011

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

RE: Exception Location  
**Schwab-Stollmack 3-24-4-1W**  
T4S R1W, Section 24: NENW  
912'FNL 1873' 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 54' south 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. The requested location has been chosen at the request of the surface owner.

Please note the drillsite and all surrounding acreage within a four hundred sixty (460') foot radius is owned by NPC and the Ute Indian Tribe. You will find a copy of the Ute Indian Tribe's consent to this exception location attached to this letter.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4137 or by email at [awild@newfield.com](mailto:awild@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Alan D. Wild".

Alan D. Wild  
Land Associate

Attachment

Return to:

Newfield Production Company  
ATTN: Alan Wild  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, CO 80202

303-893-0103 fax

[awild@newfield.com](mailto:awild@newfield.com) email

Re:

Exception Location  
**Schwab-Stollmack 3-24-11W**  
T4S R1W, Section 24: NENW  
912' FNL 1873' FWL  
Uintah County, Utah

Please be advised The Ute Indian Tribe does not have an objection to the proposed location of the  
aforementioned well.

By: 

*Manuel Mupers, Director*  
Print Name and Title

Date:

1/5/2011

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

FORM 3

AMENDED REPORT   
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO.		6 SURFACE	
FEE		Fee	
7. IF INDIAN ALLOTTEE OR TRIBE NAME			
NA			
8 UNIT or O.A. AGREEMENT NAME			
NA			
9 WELL NAME and NUMBER:			
Schwab-Stollmack 3-24-4-1W			
10. FIELD AND POOL, OR WILDCAT:			
Monument Butte			
11. QTR/CTR. SECTION, TOWNSHIP, RANGE, MERIDIAN:			
NENW 24 4S 1W			
AT SURFACE: NENW 912' FNL 1873' FWL		AT PROPOSED PRODUCING ZONE:	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE			
Approximately 13.0 miles southeast of Myton, Utah			
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)		16. NUMBER OF ACRES IN LEASE:	
Approx. 912' f/lse line, NA' flunit line		NA	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)		19. PROPOSED DEPTH	
Approx. 1347'		7,170	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):		22. APPROXIMATE DATE WORK WILL START:	
5031' GL		4# Oct. 2010	
23. ESTIMATED DURATION:		20. BOND DESCRIPTION:	
(10) days from SPUD to rig release		#B001834	

PROPOSED CASING AND CEMENTING PROGRAM

24. SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4	8 5/8 J-55	24.0	Class G w/2% CaCl 155 sx +/- 1.17 15.8
7 7/8	5 1/2 J-55	15.5	Lead(Prem Lite II) 275 sx +/- 3.26 11.0
		7,170	Tail (50/50 Poz) 450 sx +/- 1.24 14.3

ATTACHMENTS

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

- WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- COMPLETE DRILLING PLAN
- EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

SIGNATURE  DATE 7/10/10

(This space for State use only)

API NUMBER ASSIGNED: \_\_\_\_\_ APPROVAL: \_\_\_\_\_

**T4S, R1W,  
U.S.B.&M.**

N89°53'W - 79.30 (G.L.O.)  
S89°06'57"W  
5240.57' (Meas. to C.C.)  
5240.06' (Meas. to True)

Angle Point  
Northwest Corner  
Section 18  
(1959 Galv. Cap)

Set Stone

S00°49'30"E  
5,336.00'  
S00°12'W 80.85'  
(G.L.O.)

Angle Point  
Restablished Using  
Single Proportion  
Method (Not Set)

**NEWFIELD PRODUCTION COMPANY**

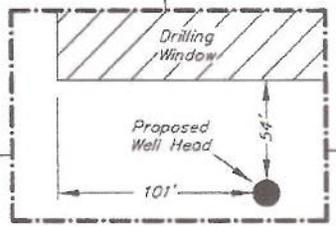
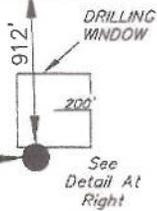
WELL LOCATION, 3-24-4-1, LOCATED  
AS SHOWN IN THE NE 1/4 NW 1/4 OF  
SECTION 24, T4S, R1W, U.S.B.&M.  
UINTAH COUNTY, UTAH.

S00°01'E - (G.L.O.) 2636.94' (Measured)  
S01°22'45"E (Basis of Bearings)

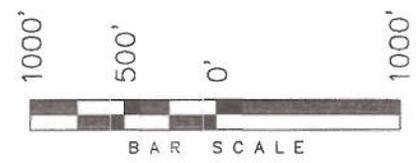
1953 Galv.  
Steel Cap

1953 Galv.  
Steel Cap

1959 Galv. Steel  
Cap C.C.



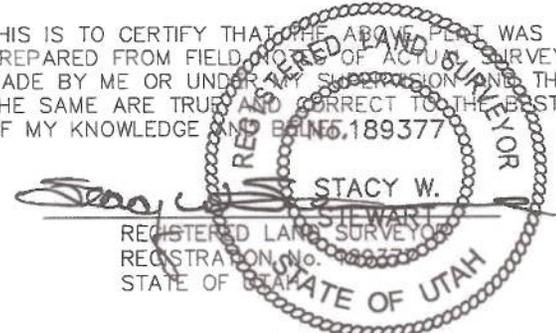
**Detail**  
No Scale



**Note:**  
1. The Proposed Well head bears  
N10°56'22"W 4436.88' from the  
South 1/4 Corner of Section 24.

**WELL LOCATION:**  
**3-24-4-1**  
ELEV. UNGRADED GROUND = 5031.0'

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. 189377



N89°53'W - 79.01 (G.L.O.) 2575.65' (Meas to True)  
2578.71' (Meas. to C.C.)  
S88°53'46"W

Angle Point  
(Set Sandstone)

◆ = SECTION CORNERS LOCATED  
BASIS OF ELEV; Elevations are base on  
LOCATION: an N.G.S. OPUS Correction.  
LAT. 40°04'09.56" LONG. 110°00'43.28"  
(Tristate Aluminum Cap) Elev. 5281.57'

**3-24-4-1**  
(Surface Location) NAD 83  
LATITUDE = 40° 07' 30.85"  
LONGITUDE = 109° 56' 50.88"

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

DATE SURVEYED: 01-20-10	SURVEYED BY: C.M.
DATE DRAWN: 02-01-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY  
**Well Name** Schwab-Stollmack 3-24-4-1W  
**API Number** 43047511660000      **APD No** 2804      **Field/Unit** UNDESIGNATED  
**Location: 1/4,1/4** NENW      **Sec** 24      **Tw** 4.0S      **Rng** 1.0W      912      **FNL** 1873      **FWL**  
**GPS Coord (UTM)** 589746 4441982      **Surface Owner** Henderson Ranches LLC

**Participants**

Floyd Bartlett (DOGM), Tim Eaton (Newfield Production Co.).

**Regional/Local Setting & Topography**

The proposed location is approximately 13 road miles southeast of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing oil field development roads. Approximately 220 feet of additional new construction across Henderson's private land will be required to reach the location.

The proposed Schwab-Stollmack 3-24-4-1W oil well pad is on a relative flat bench with a slight slope to the south. Maximum cut is 6.feet at Pit Corner B and maximum fill is 2.7 feet at Corner 8. The general terrain slopes to the south where the area becomes greasewood badlands. The access road is to the north. No drainages intersect the location and no diversions are needed. The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well.

Henderson Ranches owns the surface of the location and surrounding area.

**Surface Use Plan**

**Current Surface Use**

- Agricultural
- Grazing
- Wildlife Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.05	Width 204 Length 305	Onsite	UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?**

**Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

**Flora / Fauna**

Vegetation on the site includes greasewood, globe mallow, Indian ricegrass, prickly pear, Russian thistle and spring annuals. It is somewhat barren.

Cattle, deer, small mammals and birds.

**Soil Type and Characteristics**

Deep sandy loam.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required?** N

**Berm Required?** Y

**Erosion Sedimentation Control Required?** N

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

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

<b>Distance to Groundwater (feet)</b>	25 to 75	15
<b>Distance to Surface Water (feet)</b>	300 to 1000	2
<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>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
	<b>Final Score</b>	42

1 Sensitivity Level

**Characteristics / Requirements**

The reserve pit will be 40' x 70' x 8' deep located in an area of cut on the northwest 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**

7/28/2010  
**Date / Time**

# Application for Permit to Drill

## Statement of Basis

1/13/2011

### 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 Owner</b>	<b>CBM</b>
2804	43047511660000	LOCKED	OW	P	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>	Henderson Ranches LLC	
<b>Well Name</b>	Schwab-Stollmack 3-24-4-1W		<b>Unit</b>		
<b>Field</b>	UNDESIGNATED		<b>Type of Work</b>	DRILL	
<b>Location</b>	NENW 24 4S 1W U 912 FNL 1873 FWL		GPS Coord (UTM)	589732E	4441979N

### Geologic Statement of Basis

Newfield proposes to set 350' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 430'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 24. 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 an interconnected, high volume source of useable ground water. However, ground water in the Uinta Formation should be of sufficient quality and quantity for isolated domestic and agricultural use and should be protected. Surface casing should be extended to the estimated base of the moderately saline ground water.

Brad Hill  
APD Evaluator

8/5/2010  
Date / Time

### Surface Statement of Basis

The proposed location is approximately 13 road miles southeast of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing oil field development roads. Approximately 220 feet of additional new construction across Henderson's private land will be required to reach the location.

The proposed Schwab-Stollmack 3-24-4-1W oil well pad is on a relative flat bench with a slight slope to the south. Maximum cut is 6 feet at Pit Corner B and maximum fill is 2.7 feet at Corner 8. The general terrain slopes to the south where the area becomes greasewood badlands. The access road is to the north. No drainages intersect the location and no diversions are needed. The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well.

Henderson Ranches owns the surface of the location and surrounding area. A surface use agreement has been signed. Both Wayne Henderson and his son Tommie were contacted by telephone. They had previously seen the location and had no concerns. They did not accompany us to the site. The minerals are also FEE but owned by another party and under lease to Newfield Production Company.

Floyd Bartlett  
Onsite Evaluator

7/28/2010  
Date / Time

### 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.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

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**Application for Permit to Drill  
Statement of Basis**

1/13/2011

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

Page 2

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Surface

The reserve pit shall be fenced upon completion of drilling operations.

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

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**APD RECEIVED:** 7/13/2010

**API NO. ASSIGNED:** 43047511660000

**WELL NAME:** Schwab-Stollmack 3-24-4-1W

**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)

**PHONE NUMBER:** 435 646-4825

**CONTACT:** Mandie Crozier

**PROPOSED LOCATION:** NENW 24 040S 010W

**Permit Tech Review:**

**SURFACE:** 0912 FNL 1873 FWL

**Engineering Review:**

**BOTTOM:** 0912 FNL 1873 FWL

**Geology Review:**

**COUNTY:** UINTAH

**LATITUDE:** 40.12524

**LONGITUDE:** -109.94689

**UTM SURF EASTINGS:** 589732.00

**NORTHINGS:** 4441979.00

**FIELD NAME:** UNDESIGNATED

**LEASE TYPE:** 4 - Fee

**LEASE NUMBER:** FEE

**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

**SURFACE OWNER:** 4 - Fee

**COALBED METHANE:** NO

---

**RECEIVED AND/OR REVIEWED:**

- PLAT
- Bond: STATE/FEE - B001834
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

**Commingling Approved**

**LOCATION AND SITING:**

- R649-2-3.
  - Unit:**
  - R649-3-2. General
  - R649-3-3. Exception
  - Drilling Unit
  - Board Cause No:** R649-3-3
  - Effective Date:**
  - Siting:**
  - R649-3-11. Directional Drill
- 

**Comments:** Presite Completed

**Stipulations:** 1 - Exception Location - bhill  
5 - Statement of Basis - bhill  
23 - Spacing - dmason  
25 - Surface Casing - hmacdonald



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*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*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Schwab-Stollmack 3-24-4-1W  
**API Well Number:** 43047511660000  
**Lease Number:** FEE  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 1/13/2011

**Issued to:**

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**

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

**Exception Location:**

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

**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.

**Conditions of Approval:**

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.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

**Additional Approvals:**

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

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

**Notification Requirements:**

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

- Within 24 hours following the spudding of the well – contact Carol Daniels  
OR  
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

**Contact Information:**

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

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-231-8956 - after office hours

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**



For John Rogers  
Associate Director, Oil & Gas

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 21 Submitted By  
Cheyenne Bateman Phone Number 435-823-2419  
Well Name/Number Schwab-Stollmack 3-24-4-1w  
Qtr/Qtr NE/NW Section 24 Township 4S Range 1W  
Lease Serial Number FEE  
API Number 43-047-51166

Spud Notice – Spud is the initial spudding of the well, not drilling  
out below a casing string.

Date/Time 2/10/2011      10:00 AM  PM

Casing – Please report time casing run starts, not cementing  
times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 2/10/2011      2:00PM AM  PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time \_\_\_\_\_ AM  PM

Remarks \_\_\_\_\_

---

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**

*SCHWAB-*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
A	99999	17962	4304751166	<del>SCHAB-STOLLMACK</del> 3-24-4-1W	NENW	24	4S	1W	UINTAH	2/10/2011	2/28/11
WELL 1 COMMENTS: <i>GRRV</i>											
B	99999	17400	4301350441	GREATER MONUMENT BUTTE 3-16-9-16H	NENW	16	9S	16E	DUCHESNE	2/9/2011	2/28/11
<i>GRRV</i> <i>BHL = SWSW</i> <b>CONFIDENTIAL</b>											
E	16966	16966	4301333889	UTE TRIBAL 15-22-4-2	SWSE	22	4S	2W	DUCHESNE	7/7/2008	2/1/11
CHANGE FORMATION F/ GRRV TO GR-WS — 2/28/11											
E	17560	17560	4301334209	UTE TRIBAL 6-30-4-2	SENW	30	4S	2W	DUCHESNE	3/21/2010	2/2/11
CHANGE FORMATION F/ GRRV TO GR-WS — 2/28/11											
E	17927	17927	4301350336	UTE TRIBAL 16-27-4-3	SESE	27	4S	3W	DUCHESNE	12/21/2010	1/25/11
CHANGE FORMATION F/ GRRV TO GR-WS — 2/28/11											
E	17871	17871	4301350383	UTE TRIBAL 13-22-4-3	SWSW	22	4S	3W	DUCHESNE	11/10/2010	1/13/11
CHANGE FORMATION F/ GRRV TO GR-WS — 2/28/11											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 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.

RECEIVED  
FEB 28 2011

DIV. OF OIL, GAS & MINING

Signature: *[Handwritten Signature]*  
Jentri Park  
Production Clerk  
02/28/11

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
FEE

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
SCHWAB-STOLLMACK 3-24-4-1W

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4304751166

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

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MYTON-TRIBAL EDA

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 24, T4S, R1W

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  <u>02/23/2011</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 2/11/11 MIRU Ross #21. Spud well @10:00 AM. Drill 445' of 12 1/4" hole with air mist. TIH W/ 10 Jt's 8 5/8" J-55 24# csgn. Set @ 434.46'. On 2/21/11 cement with 210 sks of class "G" w/ 2% GaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 7 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Cheyenne Bateman

TITLE \_\_\_\_\_

SIGNATURE 

DATE 02/23/2011

(This space for State use only)

**RECEIVED**  
**MAR 09 2011**  
DIV. OF OIL, GAS & MINING





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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
 FEE

**SUNDRY NOTICES AND REPORTS ON WELL**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
 SCHWAB-STOLLMACK 3-24-4-1V

2. NAME OF OPERATOR:  
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
 4304751166

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

PHONE NUMBER:  
 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
 MYTON-TRIBAL EDA

4. LOCATION OF WELL:  
 FOOTAGES AT SURFACE: 0912 FNL 1893 FWL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 24, T4S, R1W

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 05/11/2011	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 5/11/2011, attached is a daily completion status report.

NAME (PLEASE PRINT) Jennifer Peatross

TITLE Production Technician

SIGNATURE

*Jennifer Peatross*

DATE 05/12/2011

(This space for State use only)

**RECEIVED**  
 MAY 23 2011  
 DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**SCHWAB-STOLLMACK 3-24-4-1****3/1/2011 To 7/30/2011****4/27/2011 Day: 1****Completion**

Rigless on 4/27/2011 - Ran CBL under pressure. WLTD was 6998' with TOC at 120'. Ran in hole with 3-1/8" ported gun and perforated CP5 sands as shown in perforation report. SWIFN. - Nipple up frac head and Weatherford BOPs. Rig up hot oiler and test casing, frac head, frac valves and BOP to 4500 psi. Rig up Perforators WLT with lubricator. Run CBL under pressure. WLTD was 6998' with TOC at 120'. Run in hole with 3-1/8" ported guns and perforate CP5 sands as shown in perforation report. Rig down WLT and hot oiler. SIWFN w/ 166 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$12,742**5/6/2011 Day: 2****Completion**

Rigless on 5/6/2011 - Fraced Stage 1 with BJ Services. Fraced and perforated Stages 2-4 with BJ Services and Perforators WL. Began flowback on 20/64 choke at 3 BPM. Well flowed for 6 hours and turned to oil. Set kill plug at 4700' with Perforators and SWIFN. - RU BJ Services for Stage 1. Frac CP5 sand with 20,477 lbs of white 20/40 sand. Leave pressure on well. 542 BWTR. - Begin flowback on 20/64 choke at 3 BPM. Well flowed for 6 hours and turned to oil. Recovered 860 bbls of fluid. Rigged up Perforators Wireline with lubricator and set kill plug at 4700'. Rigged down Perforators WL and SIWFN with 1650 BWTR. - RU BJ Services and Perforators Wireline for Stage 4. Perforate GG1 sand as shown in perforation report. Rig down Perforators Wireline and frac GG1 sand with 29,087 lbs of white 20/40 sand. Leave pressure on well. 2514 BWTR. - RU BJ Services and Perforators Wireline for Stage 3. Perforate PB7 and GB6 sands as shown in perforation report. Rig down Perforators Wireline and frac PB7 and GB6 sands with 119,472 lbs of white 20/40 sand. Leave pressure on well. 2171 BWTR. - RU BJ Services and Perforators Wireline for Stage 2. Perforate CP3, CP1, and CP0.5 sands as shown in perforation report. Rig down Perforators Wireline and frac CP3, CP1, and CP0.5 sands with 99,239 lbs of white 20/40 sand. Leave pressure on well. 1312 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$144,617**5/10/2011 Day: 3****Completion**

WWS #3 on 5/10/2011 - Moved in and rigged up. Nippled down Cameron BOPs and nipped up 5000 lb BOPs. Rigged up work floor and tubing equipment. Picked up and tallied used 4-3/4" chomp bit and tubing. Tripped into hole to 4691' and rigged up power swivel and pump. SWIFN. - Move from the 11-19-4-1E to the SS 3-24-4-1W. Move in and rig up. Nipple down Cameron BOPs and nipple up 5000 lb BOPs. Rig up work floor and tubing equipment. Pick up and talley used 4-3/4" chomp bit and tubing. Trip into hole to 4691' and rig up power swivel and pump. SWIFN at 5:30 pm with 1650 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$148,159**5/11/2011 Day: 4****Completion**

WWS #3 on 5/11/2011 - Drilled out plugs and cleaned out to PBTB. Laid down 3 joints of tubing and rigged up swab equipment. Made 13 swab runs and recovered 145 bbls of fluid

with no sand and a trace of oil. SWIFN. - Make 13 swab runs and recover 145 bbls of fluid with no sand and a trace of oil. Final fluid level at 1200'. Gained a total of 250 bbls of fluid. Rig down swab equipment and SWIFN at 6 pm with 1400 BWTR. - Crew travel and safety meeting on picking up lube to swab. Pressure on well at 0 psi. Run into hole with tubing, tag plug at 4700', and drill out plug in 25 minutes. Run into hole with tubing, tag plug at 4870', and drill out plug in 22 minutes. Run into hole with tubing, tag plug at 5210', and drill out plug in 21 minutes. Run into hole with tubing, tag fill at 6470', clean out 80' of fill to plug at 6550', and drill out plug in 18 minutes. Run into hole with tubing, tag fill at 6931', clean out 117' of fill to PBSD at 7048'. Circulate well clean and rack out power swivel. Lay down 3 joints of tubing to place end of tubing at 6957' and rig up swab equipment.

**Daily Cost:** \$0

**Cumulative Cost:** \$200,571

**5/12/2011 Day: 5**

**Completion**

WWS #3 on 5/12/2011 - TOOH with tubing to lay down chomp bit. Tripped into hole with production tubing including NC, 2 joints, PSN, 2 joints, TAC, and 210 joints. Rigged up rod equipment and ran rod string. Placed well on production at 18:00 on 5/11/11 w/ 122" SL and 5 SPM. - Crew travel and safety meeting on PPE. Pressure on casing at 80 psi and pressure on tubing at 180 psi. Bleed down well. Run into hole with tubing to PBSD at 7048'. No new fill. Circulate well clean and lay down extra tubing. Trip out of hole with tubing to lay down chomp bit. Pick up and run into hole with tubing as follows: notched collar, (2) joints 2-7/8" tubing, pump seating nipple, (2) joints 2-7/8" tubing, tubing anchor, and (210) joints 2-7/8" tubing. Nipple down BOPs and set tubing anchor with 18,000 lbs of tension. Land tubing with B-1 adaptor flange to place TAC at 6581.18', PSN at 6646.78', and EOT at 6710.93'. - Nipple up wellhead and cross-over to rod equipment. Flush tubing with 60 bbls of water. Pick up and prime Central Hydraulic 25-150-RHAC-16-4-17-20 pump with 182" max stroke length. Pick up and run into hole with rods as follows: (1) 1" x 4' stabilizer bar, (6) 1-1/2" weight bars, (158) 3/4" x 25' 4per guided rods, (100) 7/8" x 25' 4per guided rods, (1) 7/8" x 2' pony rod, (1) 7/8" x 8' pony rod, and (1) 1-1/2" x 30' polish rod. Seat pump, rig up pumping unit, and hang rods off to unit with hole full of fluid. Stroke pump with unit to 800 psi. Pump tested good. Place well on production at 18:00 on 5/11/11 with 122" stroke length and 5 spm. RDMO with 1400 BWTR. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$237,841

**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
 Other: \_\_\_\_\_

2. Name of Operator  
**NEWFIELD EXPLORATION COMPANY**

3. Address **1401 17TH ST. SUITE 1000 DENVER, CO 80202** 3a. Phone No. (include area code) **(435) 646-3721**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **912' FNL & 1873' FWL (NE/NW) SEC. 24, T4S, R1W**

8. Lease Name and Well No.  
**SCHWAB-STOLLMACK 3-24-4-1W**

9. AFI Well No.  
**43-047-51166**

10. Field and Pool or Exploratory  
**UNDESIGNATED**

11. Sec., T., R., M., on Block and Survey or Area  
**SEC. 24, T4S, R1W**

12. County or Parish **UINTAH** 13. State **UT**

14. Date Spudded **02/11/2011** 15. Date T.D. Reached **04/22/2011** 16. Date Completed **05/11/2011**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**5031' GL 5043' KB**

18. Total Depth: MD **7116'** TVD 19. Plug Back T.D.: MD **6926'** TVD 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 DUAL IND GRD,  SP,  COMP. DENSITY,  COMP. NEUTRON,  GR,  CALIPER,  CMT BOND

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	445'		210 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	7093'		326 PRIMLITE		120'	
						430 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6711'	TA @ 6581'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4743"	6626'	4743-6626'	.36"	102	
B)						
C)						
D)						

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
4743-6626'	.36"	102	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4743-6626'	Frac w/ 268275#s 20/40 sand in 1760 bbls of Lightning 17 fluid in 4 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/12/11	5/22/11	24	→	60	12	46			2-1/2" x 1-1/2" x 16' x 20' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

\*(See instructions and spaces for additional data on page 2)

**RECEIVED**

**JUN 30 2011**

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	4743'	6626'		GARDEN GULCH MRK	4460'
				GARDEN GULCH 1	4681'
				GARDEN GULCH 2	4807'
				POINT 3	5104'
				X MRKR	5321'
				Y MRKR	5361'
				DOUGLAS CREEK MRK	5504'
				BI CARBONATE MRK	5805'
				B LIMESTONE MRK	5961'
				CASTLE PEAK	6335'
				BASAL CARBONATE	6723'
				WASATCH	6846'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
 Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Jennifer Peatross Title Production Technician  
 Signature *J Peatross* Date 06/24/2011

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

**Daily Activity Report****Format For Sundry****SCHWAB-STOLLMACK 3-24-4-1****2/1/2011 To 6/30/2011****SCHWAB-STOLLMACK 3-24-4-1****Waiting on Cement****Date:** 2/17/2011

Ross #21 at 445. Days Since Spud - On 2/11/11 Ross #21 spud and drilled 445' of 12 1/4" hole, P/U and run 10 jts of 8 5/8" casing set - @ 446.78'KB. On 2/21/11 cement w/BJ w/210 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - yield. Returned 7bbls to pit, bump plug to 537 psi, BLM and State were notified of spud via email.

**Daily Cost:** \$0**Cumulative Cost:** \$76,236**SCHWAB-STOLLMACK 3-24-4-1****Drill 7 7/8" hole with fresh water****Date:** 4/20/2011

NDSI SS #1 at 3342. 1 Days Since Spud - to 2,000psi F/10min Tested 8 5/8" Casing to 1,500PSI F/30min all tested good. - Pick up BHA as Follows, Hughes Q506F PDC Bit, 7/8Mil. 4.8stg. 6 1/2" 1.5° Hunting Mud Motor, X-Over, - Drill 7 7/8" hole From 380' to 3342' W/ 20,000WOB 400GPM 151RPM 204fph ROP - MIRU on the Schwab Stollmack 3-24-4-1w set all Surface Equipment - Monel, Gap Sub, Index Sub, X-Over, 8 Drill Collars, 20 HWDP - Rig up B&C Quick Test and Pressure Test Pipe and Blind Rams, Choke, Upper Kelly Valve, Floor Valve

**Daily Cost:** \$0**Cumulative Cost:** \$128,509**SCHWAB-STOLLMACK 3-24-4-1****Drill 7 7/8" hole with fresh water****Date:** 4/21/2011

NDSI SS #1 at 6817. 2 Days Since Spud - Rig Service - Drill 7 7/8" hole From 5057' to 6817' W/ 20,000WOB 400GPM 151RPM 170fph ROP - Drill 7 7/8" hole From 3342' to 5057'W/ 20,000WOB 400GPM 151RPM 180fph ROP

**Daily Cost:** \$0**Cumulative Cost:** \$164,223**SCHWAB-STOLLMACK 3-24-4-1****Drill 7 7/8" hole with fresh water****Date:** 4/22/2011

NDSI SS #1 at 7116. 3 Days Since Spud - R/U csg run 167 jt 5.5 15.5# j-55 LTC-tag -GS set @ 7093.33' KB -FC set @ 7048.11' KB - Change csg rams - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/ÇAL suite TD to 3000' (loggers TD 7105') - Lay down to 4000' Pump 260 bbls of brine, finish lay down Dp, BHA and Directional tools - Circulate for logs - Drill 7 7/8" hole From 6817' - 7116' W/ 20,000WOB 379GPM 151RPM 100 fph ROP - TD - Test csg rams @ 2000 psi - test good

**Daily Cost:** \$0**Cumulative Cost:** \$217,016**SCHWAB-STOLLMACK 3-24-4-1****Wait on Completion****Date:** 4/23/2011

NDSI SS #1 at 7116. 4 Days Since Spud - Clean Mud tanks - Tear down - Nipple down - Mixed @ 14.4 ppg yeild @ 1.24 return 50 bbls to pit Bump plug to 2426 psi - yield @ 3.54 Then tail of 425 sk 50:50:2+3%KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - CMT w/BJ Pump 300 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg - Circulate csg - R/U csg run 167jt 5.5 15.5# j-55 LTC-tag -GS set @ 7093.33' KB -FC set @

7048.11' KB - Release rig @ 2:30 pm on 4/22/11 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$339,723

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**Pertinent Files: [Go to File List](#)**