

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER Schwab-Stollmack 4-24-4-1W
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT UNDESIGNATED
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY		7. OPERATOR PHONE 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052		9. OPERATOR E-MAIL mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Henderson Ranches LLC		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') RR3 Box 3671, Myton, UT 84052		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	675 FNL 763 FWL	NWNW	24	4.0 S	1.0 W	U
Top of Uppermost Producing Zone	675 FNL 763 FWL	NWNW	24	4.0 S	1.0 W	U
At Total Depth	675 FNL 763 FWL	NWNW	24	4.0 S	1.0 W	U

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 675	23. NUMBER OF ACRES IN DRILLING UNIT 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1347	26. PROPOSED DEPTH MD: 7175 TVD: 7175
27. ELEVATION - GROUND LEVEL 5047	28. BOND NUMBER B001834	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478

ATTACHMENTS

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input 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

NAME Mandie Crozier	TITLE Regulatory Tech	PHONE 435 646-4825
SIGNATURE	DATE 07/13/2010	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43047511670000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	7175		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	7175	15.5			

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	450		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	450	24.0			

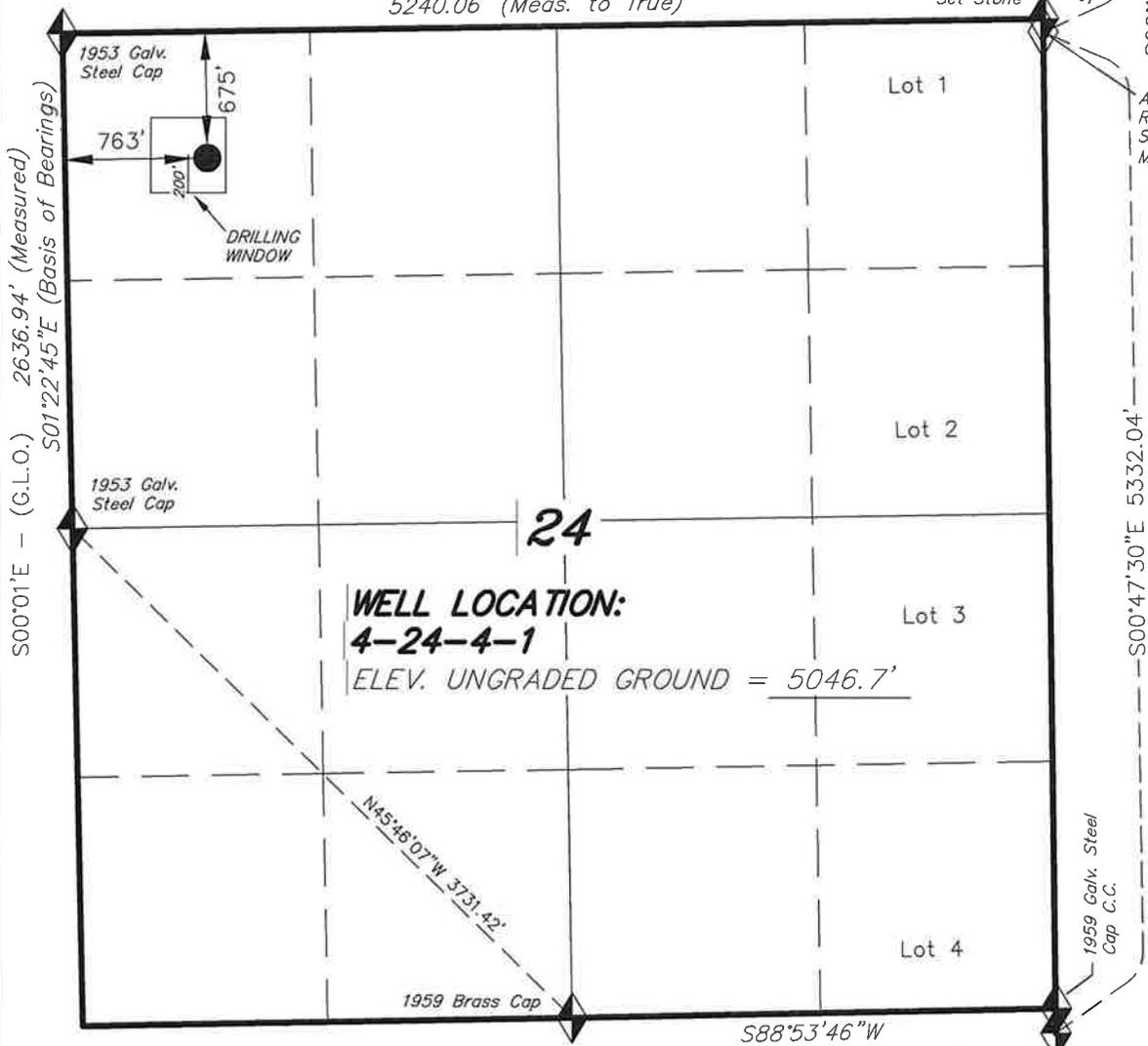
**T4S, R1W,
U.S.B.&M.**

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

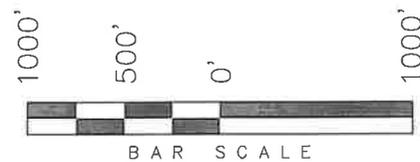
Angle Point
Northwest Corner
Section 18
(1959 Galv. Cap)

NEWFIELD PRODUCTION COMPANY

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

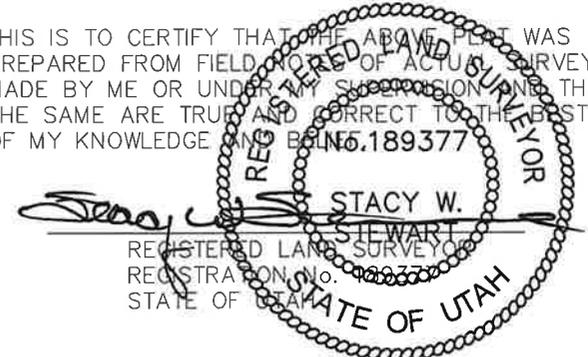


Angle Point
Restablished Using
Single Proportion
Method (Not Set)



Note:
1. The Proposed Well head bears
S49°38'10"E 1023.01' from the
Northwest Corner of Section 24.

THIS IS TO CERTIFY THAT THE ABOVE PLOT 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.)

Angle Point
(Set Sandstone)

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

◆ = 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'

4-24-4-1
(Surface Location) NAD 83
LATITUDE = 40° 07' 33.22"
LONGITUDE = 109° 57' 05.19"

DATE SURVEYED: 01-20-10	SURVEYED BY: C.M.
DATE DRAWN: 02-02-10	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 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: NWNW
(4-24-4-1, approx. 1.5 acres plus approx. 280ft 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 OWNER

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

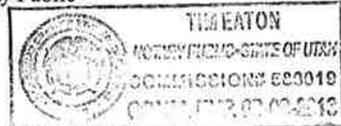
By: Billie Henderson
Billie Henderson

STATE OF UTAH)
)ss
COUNTY OF Duchesne)

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

Witness my hand and official seal.

My commission expires 9/8/2013

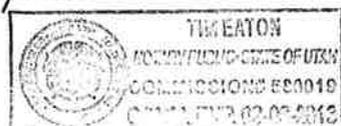

Notary Public


STATE OF UTAH)
)ss
COUNTY OF Duchesne)

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

Witness my hand and official seal.

My commission expires 9/8/2013

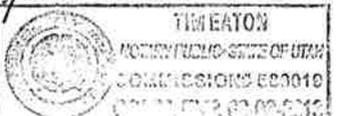

Notary Public


STATE OF UTAH)
)ss
COUNTY OF Duchesne)

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

Witness my hand and official seal.

My commission expires 9/8/2013


Notary Public


STATE OF COLORADO)
)ss
COUNTY OF Denver)

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 4-24-4-1W
NW/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	6,900'
Proposed TD	7,175'

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

Green River Formation (Oil) 2,095' – 6,900'

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 & Sampled 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 ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

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

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	450'	24.0	J-55	STC	2,950	1,370	244,000
						11.69	9.57	22.59
Prod casing 5-1/2"	0'	7,175'	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 4-24-4-1W**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	450'	Class G w/ 2% CaCl	206	30%	15.8	1.17
			241			
Prod casing Lead	5,175'	Prem Lite II w/ 10% gel + 3% KCl	358	30%	11.0	3.26
			1166			
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 PBTD to cement top. No drill stem testing or coring is planned for this well.

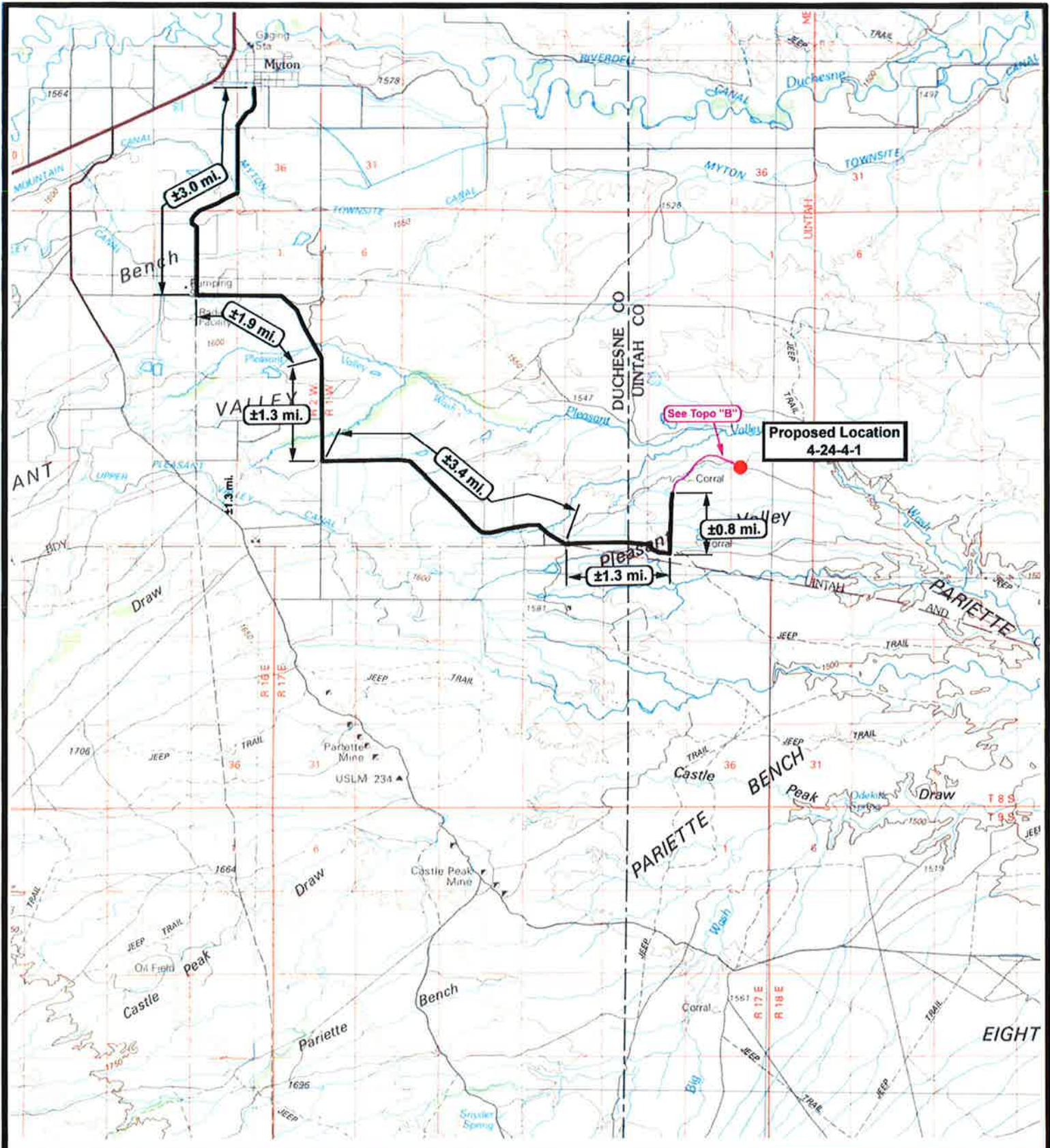
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

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

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



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

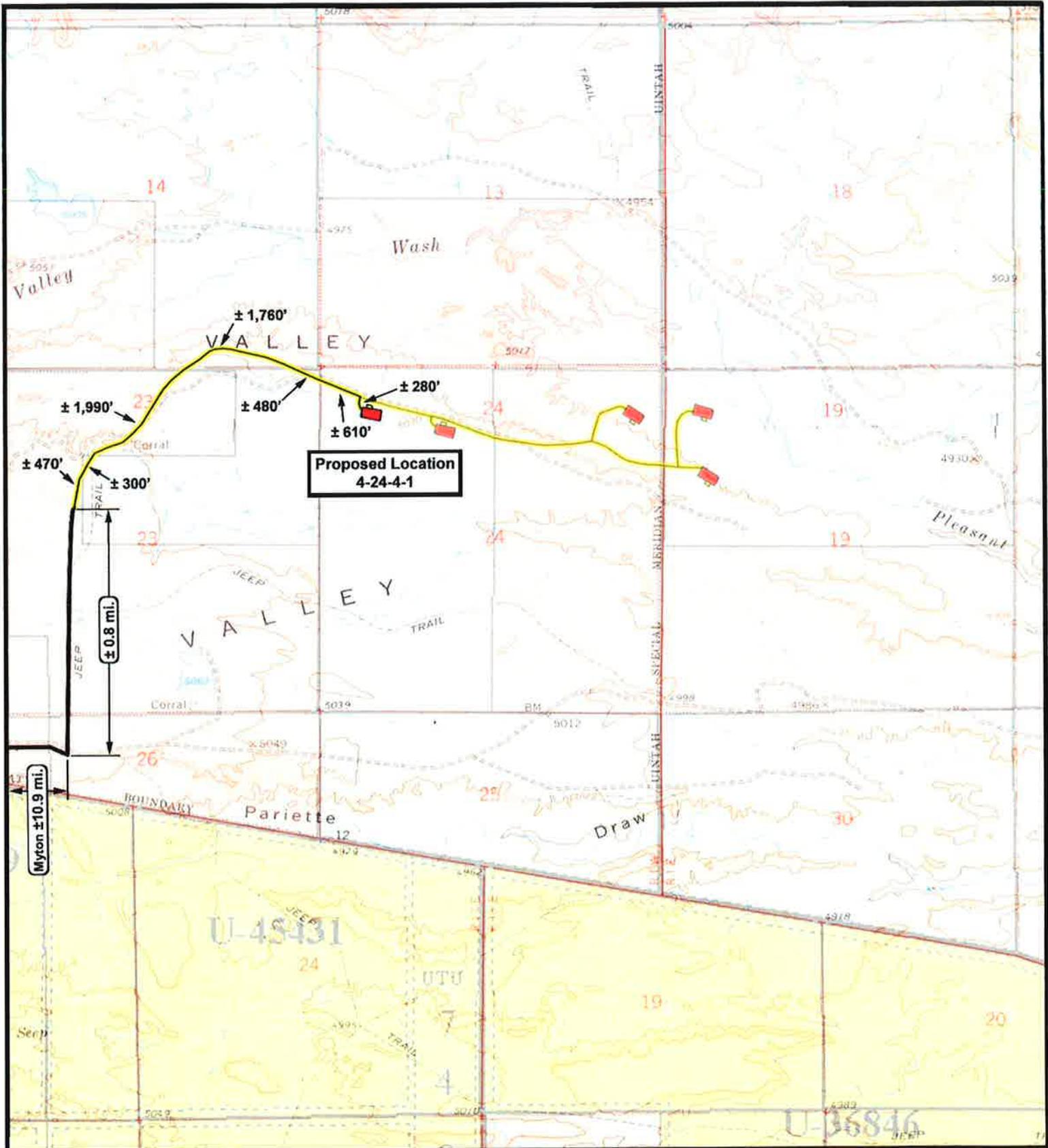
SCALE: 1 : 100,000
DRAWN BY: mw
DATE: 02-02-2010

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



**Proposed Location
4-24-4-1**

Myton ±10.9 mi.

± 0.8 mi.

NEWFIELD
Exploration Company

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



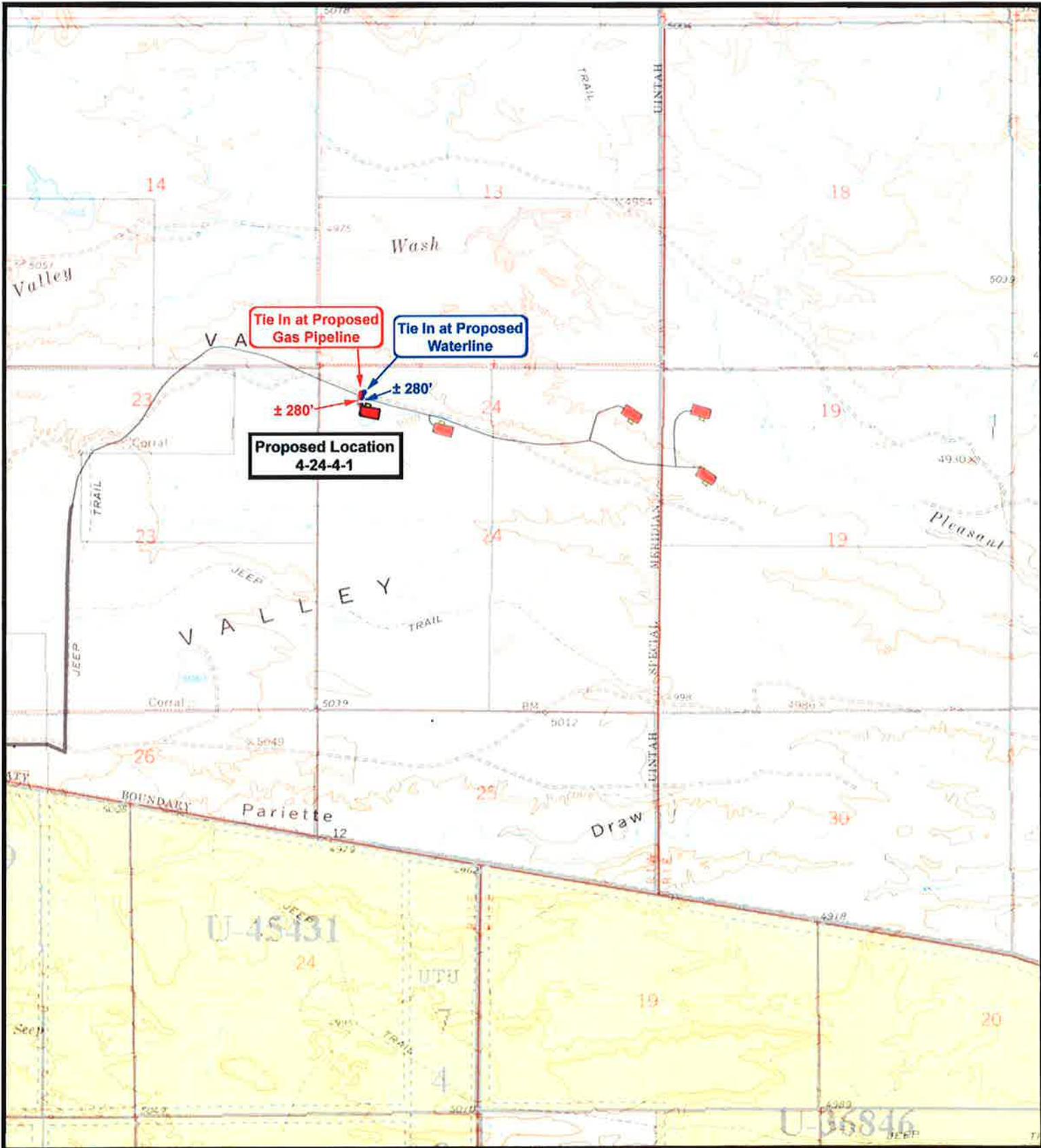
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

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

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

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



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180 North Vernal Ave. Vernal, Utah 84078

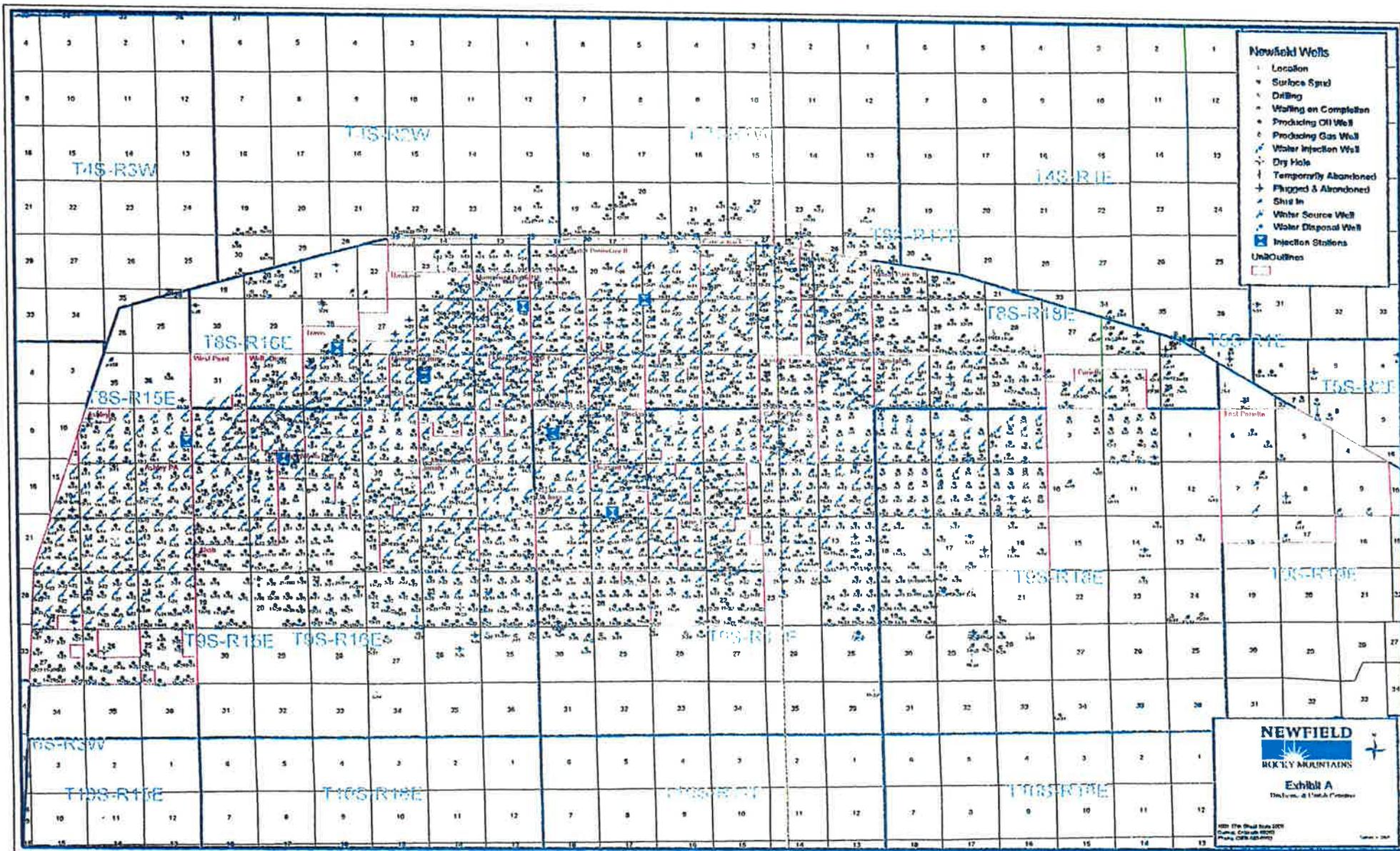
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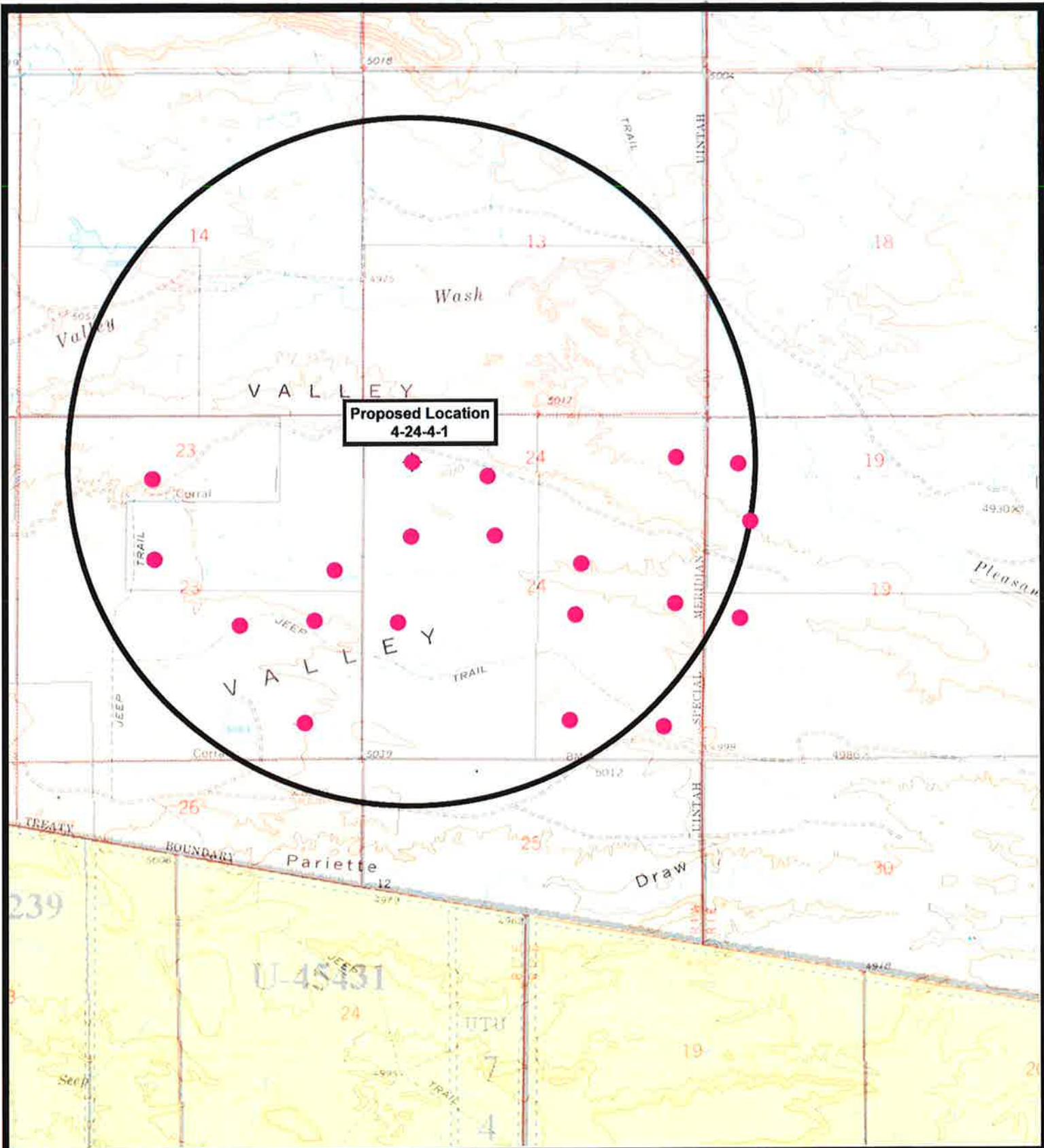
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"





**Proposed Location
4-24-4-1**



NEWFIELD
Exploration Company

4-24-4-1
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 4-24-4-1W
NW/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 4-24-4-1W located in the NW¼ 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 5,610' ; turn and continue along the proposed access road approximately 280' 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 5,890' 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 5,890' of planned access road to be granted. **Refer to Topographic Map "B"**. Newfield Production Company requests 280' of surface gas line to be granted. Newfield Production Company requests 280' 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 4-24-4-1W, 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 4-24-4-1W 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

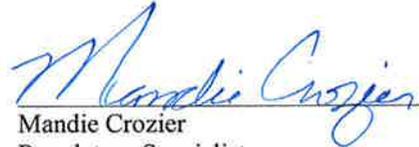
Certification

Please be advised that Newfield Production Company is considered to be the operator of well #4-24-4-1W, NW/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

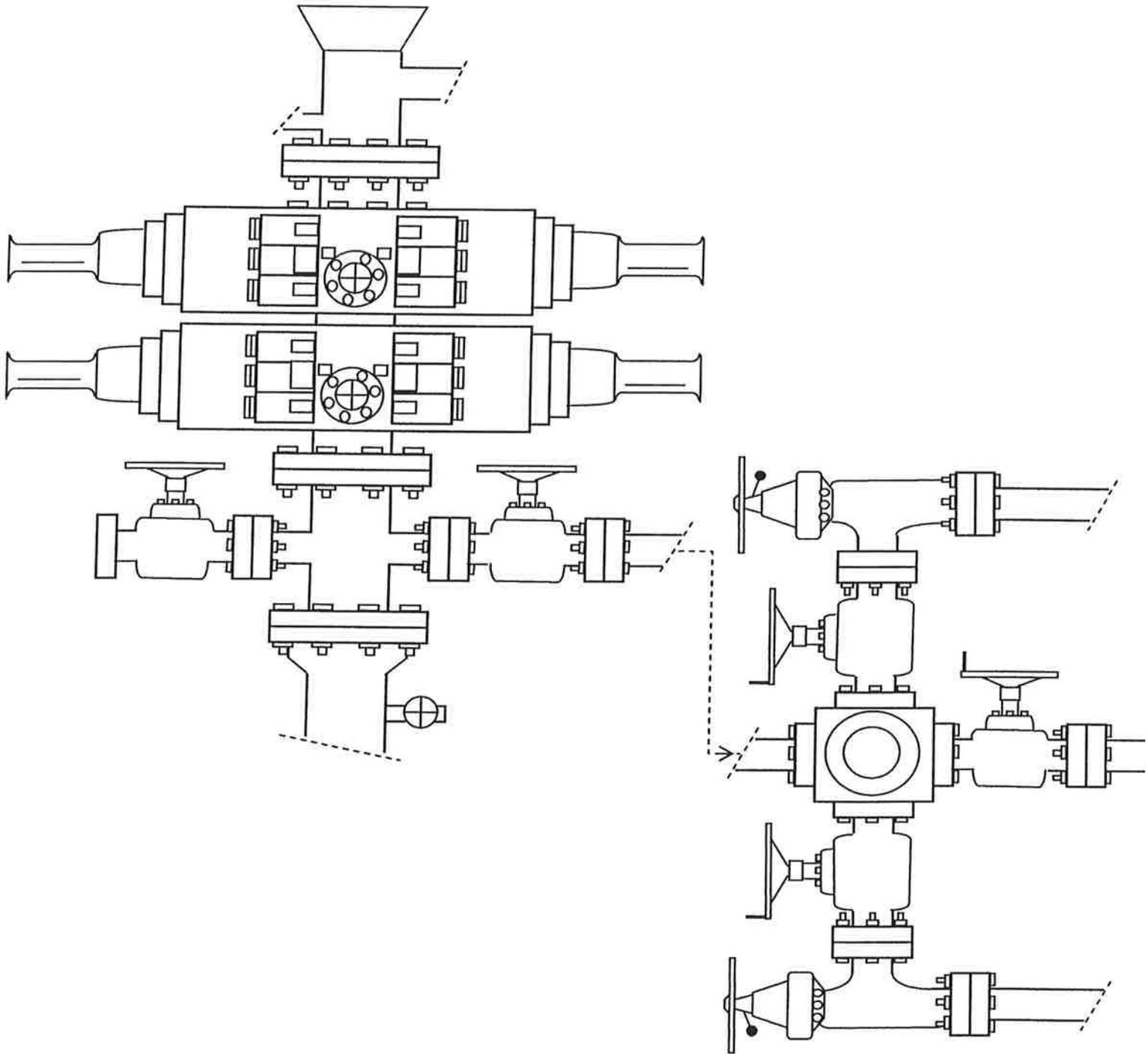
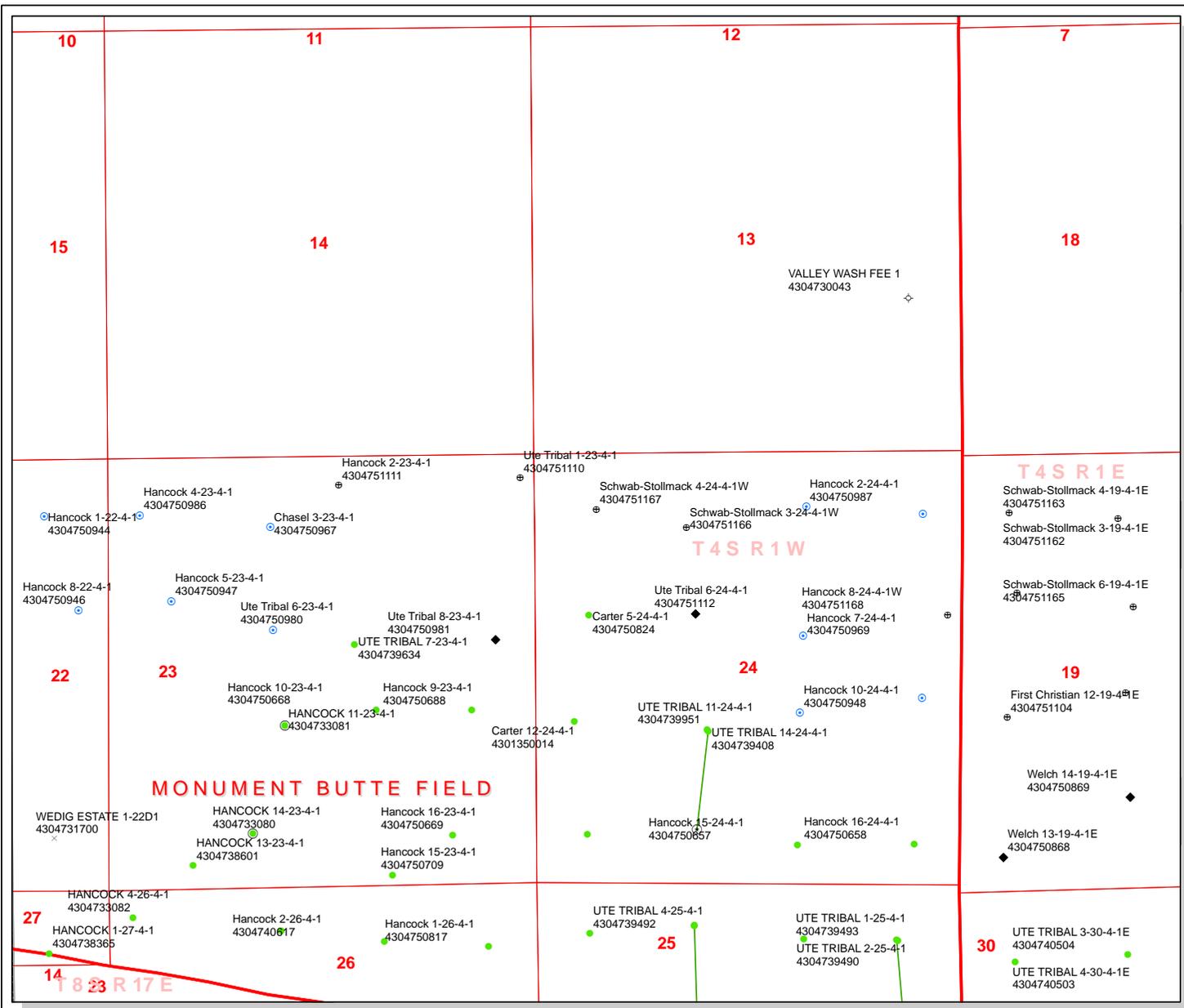
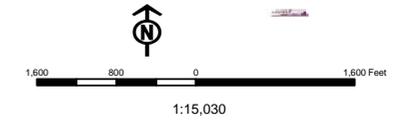


EXHIBIT C

API Number: 4304751167
Well Name: Schwab-Stollmack 4-24-4-1W
Township 04.0 S Range 01.0 W Section 24
Meridian: UBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERML	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Fields	SGW - Shut-in Gas Well
Sections	SOW - Shut-in Oil Well
Township	TA - Temp. Abandoned
	TW - Test Well
	WDW - Water Disposal
	WW - Water Injection Well
	WSW - Water Supply Well



Well Name	NEWFIELD PRODUCTION COMPANY Schwab-Stollmack 4-24-4-1W 4304			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	450	7175		
Previous Shoe Setting Depth (TVD)	0	450		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	3085	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	194	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	140	YES <input type="checkbox"/> air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	95	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	95	NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		450	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

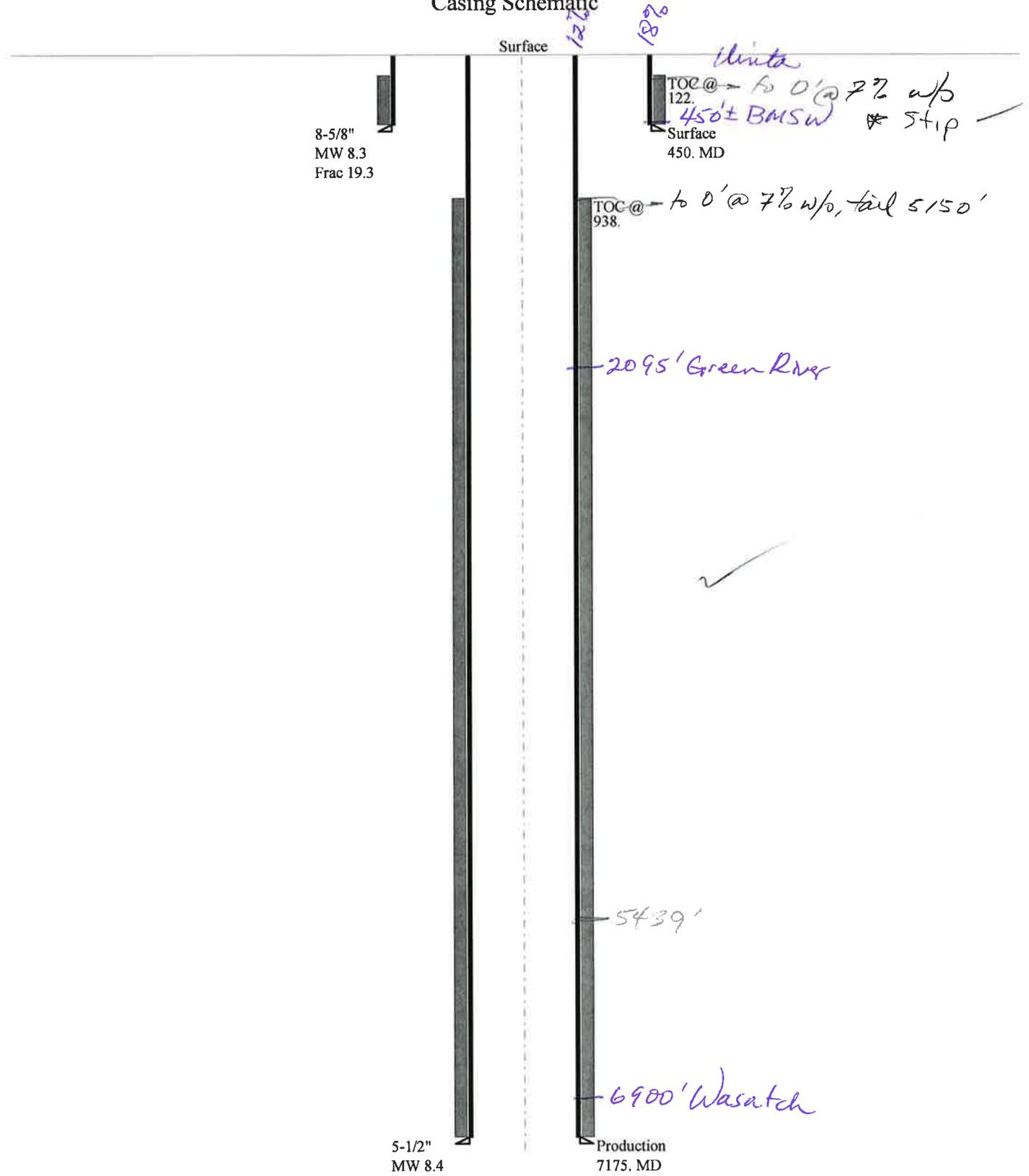
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3134	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2273	NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1556	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1655	NO <input type="checkbox"/> Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		450	psi *Assumes 1psi/ft frac gradient

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

43047511670000 Schwab-Stollmack 4-24-4-1W

Casing Schematic



Well name:	43047511670000 Schwab-Stollmack 4-24-4-1W		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-047-51167
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: 122 ft

Burst

Max anticipated surface pressure: 396 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 450 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: 394 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,175 ft
 Next mud weight: 8.400 ppg
 Next setting BHP: 3,131 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 450 ft
 Injection pressure: 450 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	450	8.625	24.00	J-55	ST&C	450	450	7.972	2317
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	195	1370	7.035	450	2950	6.56	10.8	244	22.59 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 450 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:	43047511670000 Schwab-Stollmack 4-24-4-1W		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-047-51167
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 1,552 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 3,131 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on air weight.
 Neutral point: 6,263 ft

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: 938 ft

Non-directional string.

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	7175	5.5	15.50	J-55	LT&C	7175	7175	4.825	25335
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	3131	4040	1.290	3131	4810	1.54	111.2	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 7175 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.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Schwab-Stollmack 4-24-4-1W
API Number 43047511670000 **APD No** 2805 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NWNW **Sec** 24 **Tw** 4.0S **Rng** 1.0W 675 FNL 763 FWL
GPS Coord (UTM) 589405 4442055 **Surface Owner** Henderson Ranches LLC

Participants

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

Regional/Local Setting & Topography

The proposed location is approximately 12.7 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 280 feet of additional new construction across Henderson’s private land will be required to reach the location.

The proposed Schwab-Stollmack 4-24-4-1W oil well pad is on a relative flat bench with a slight slope to the southeast. Maximum cut is 2.0 feet at Corner 4 and maximum fill is 2.4 feet at Corner 8. The general terrain slopes to the south where the area becomes greasewood badlands. The access road is to the north. A yard of beehives are to the west. 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
 Grazing
 Agricultural
 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.

Cattle, deer, small mammals and birds.

Soil Type and Characteristics

Deep sandy loam.

Erosion Issues

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

Distance to Groundwater (feet)	25 to 75	15
Distance to Surface Water (feet)	300 to 1000	2
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	32

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

8/23/2010

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2805	43047511670000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Henderson Ranches LLC	
Well Name	Schwab-Stollmack 4-24-4-1W		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	NWNW 24 4S 1W U 675 FNL 763 FWL		GPS Coord (UTM)	589393E	4442048N

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 450'. 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 12.7 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 280 feet of additional new construction across Henderson's private land will be required to reach the location.

The proposed Schwab-Stollmack 4-24-4-1W oil well pad is on a relative flat bench with a slight slope to the southeast. Maximum cut is 2.0 feet at Corner 4 and maximum fill is 2.4 feet at Corner 8. The general terrain slopes to the south where the area becomes greasewood badlands. The access road is to the north. A yard of beehives are to the west. 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.

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

8/23/2010

Utah Division of Oil, Gas and Mining

Page 2

Surface

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

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/13/2010

API NO. ASSIGNED: 43047511670000

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

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NWNW 24 040S 010W

Permit Tech Review:

SURFACE: 0675 FNL 0763 FWL

Engineering Review:

BOTTOM: 0675 FNL 0763 FWL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.12589

LONGITUDE: -109.95086

UTM SURF EASTINGS: 589393.00

NORTHINGS: 4442048.00

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

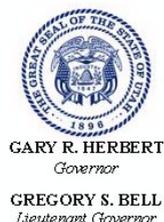
Commingling Approved

LOCATION AND SITING:

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

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
23 - Spacing - dmason
25 - Surface Casing - hmadonald



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 4-24-4-1W
API Well Number: 43047511670000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 8/23/2010

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 R649-3-2. 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

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:



Acting Associate Director, Oil & Gas

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration

Rig Name/# Ross #29

Submitted By Mitch Benson

Phone Number (435) 823-5885

Name/Numer SCHWAB-STOLLMACK 4-24-4-1W

Qtr/Qrt NW/NW Section 24

Township 4S

Range 1W

Lease Serial Number FEE

API Number 43-047-51167

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

Date/Time 8/31/2010 8:00:00 AM

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

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

Date/Time 8/31/2010 3:00:00 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**

R

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17774 17400	4304751282	FEDERAL 3A-12-9-18	NENW	12	9S	18E	UINTAH	8/28/2010	9/8/10
WELL 1 COMMENTS: MNCs not in GMRU Rig skid from 43-047-36465											
A	99999	17767	4301350310	UTE TRIBAL 7-22-4-3	SWNE	22	4S	3W	DUCHESNE	8/27/2010	9/7/10
GRRU											
A	99999	17768	4301350362	UTE TRIBAL 13-23-4-3	SWSW	23	4S	3W	DUCHESNE	8/26/2010	9/7/10
GRRU											
A	99999	17769	4304751167	SCHWAB-STOLLMACK 4-24-4-1W	NWNW	24	4S	1W	UINTAH	8/31/2010	9/7/10
GRRU											
B	99999	17400 ✓	4301334251	FEDERAL 10-35-8-15	NWSE	35	8S	15E	DUCHESNE	8/30/2010	9/7/10
WELL 5 COMMENTS: GRRU											
B	99999	17400 ✓	4301334204	W POINT FED 11-31-8-16	NESW	31	8S	16E	DUCHESNE	8/31/2010	9/7/10
WELL 5 COMMENTS: GRRU											

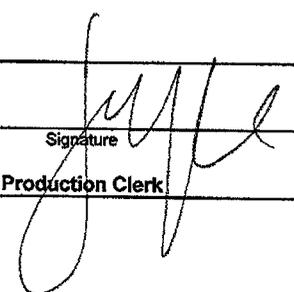
ACTION CODES (See instructions on back of form)

- A - 1 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 - ther (explain in comments section)

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

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 SEP 07 2010

DIV. OF OIL, GAS & MINING

Signature: 
 Jentri Park
 Production Clerk
 Date: 09/01/10

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
 FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
 NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
 FOOTAGES AT SURFACE: COUNTY: UINTAH

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UT
 NWNW, 24, T4S, R1W

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

9. API NUMBER:
 4304751167

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/02/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 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 8-31-10 MIRU ROSS spud rig #21. Drill 485' of 12 1/4" hole with air mist. TIH W/11 Jt's 8 5/8" J-55 24# csqn. Set @ 485.86. On 9-2-10 Cement with 250 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 10 bbls cement to pit.

NAME (PLEASE PRINT) Xabier Lasa TITLE Drilling Foreman

SIGNATURE *Xabier Lasa* DATE 09/02/2010

(This space for State use only)

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NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 485.86

LAST CASING 8 5/8" SET AT 485.86
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 TD DRILLER 485 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL SCHWAB-STOLLMACK 4-24-4-1
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross rig # 21

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
11	8 5/8"	Casing (shoe jt. 44.03')	24	J-55	STC	A	474.01
1	8 5/8"	guide shoe				A	0.95
1	8 5/8"	wellhead				A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			475.86
TOTAL LENGTH OF STRING		475.86	11	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			485.86
TOTAL		474.01	11				
TOTAL CSG. DEL. (W/O THRDS)		474.01	11	} COMPARE			
TIMING							
BEGIN RUN CSG.	Spud	2:00 PM	9/1/2010	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		4:00 PM	9/1/2010	Bbls CMT CIRC TO SURFACE			10
BEGIN CIRC		9:33 AM	9/2/2010	RECIPROCATED PIPE			No
BEGIN PUMP CMT		9:45 AM	9/2/2010	BUMPED PLUG TO			409
BEGIN DSPL. CMT		9:59 AM	9/2/2010				
PLUG DOWN		10:08 AM	9/2/2010				

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:

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 4-24-4-1

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304751167

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: **0625 FNL 0763 FWL**

COUNTY: **UINTAH**

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

STATE: **UT**

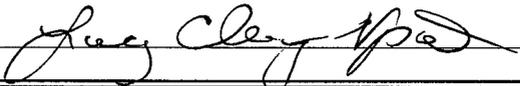
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/29/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 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 09-29-10, attached is a daily completion status report.

NAME (PLEASE PRINT) **Lucy Chavez-Naupoto**

TITLE **Administrative Assistant**

SIGNATURE 

DATE **09/30/2010**

(This space for State use only)

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DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

SCHWAB-STOLLMACK 4-24-4-1

7/1/2010 To 11/30/2010

9/20/2010 Day: 1

Completion

Rigless on 9/20/2010 - Ran CBL & perforated 1st stage. SIWFN w/ 170 BWTR. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 7066' w/ TOC @ 234'. RIH w/ 3 1/8" ported guns & perforate LODC sds @ 6279- 83', 6271- 74', 6261- 63', 6255- 57' & 6244- 57' w/ (11 gram, .36"EH, 16.82¢ pen. 120°) 3 spf for total of 39 shots. RD WLT & Hot Oiler. SIWFN w/ 170 BWTR.

Daily Cost: \$0

Cumulative Cost: \$13,243

9/24/2010 Day: 2

Completion

Rigless on 9/24/2010 - MIRU BJ Services & Perforators LLC. Frac 1st stage. Perforate & frac stage 2 & 3. Flowback well. Flowed for 6 hrs & died. Rec 1004 BTF. SIWFN w/ 1416 BWTR. - MIRU BJ Services & Perforators LLC. Frac 1st stage. Perforate & frac stage 2 & 3. Flowback well. Flowed for 6 hrs & died. Rec 1004 BTF. SIWFN w/ 1416 BWTR.

Daily Cost: \$0

Cumulative Cost: \$110,680

9/28/2010 Day: 3

Completion

NC #3 on 9/28/2010 - MIRUSU. PU tbg, & start drilling out CBP's. - 250 psi on tbg & csg. TIH w/ 4- jts 2 7/8. Tag CBP @ 6175'. RU Nabors power swivel. Drill out CBP. TIH w/ tbg to fill @ 6966'. Clean out fill to PBTD @ 7121'. CWC. LD 4- jts 2 7/8. RU sandline to swab. IFL @ surface. Made 12 swab runs & recovered 140 bbls fluid w/ trace oil & no sand. FFL @ 2200'. RD sandline. PU TIH w/ 4- jts 2 7/8. Tag PBTD @ 7121'. No new fill. CWC. LD 25- jts 2 7/8. TOH w/ 202- jts 2 7/8, & chomp bit. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 199- jts 2 7/8. SDFD. - 250 psi on tbg & csg. TIH w/ 4- jts 2 7/8. Tag CBP @ 6175'. RU Nabors power swivel. Drill out CBP. TIH w/ tbg to fill @ 6966'. Clean out fill to PBTD @ 7121'. CWC. LD 4- jts 2 7/8. RU sandline to swab. IFL @ surface. Made 12 swab runs & recovered 140 bbls fluid w/ trace oil & no sand. FFL @ 2200'. RD sandline. PU TIH w/ 4- jts 2 7/8. Tag PBTD @ 7121'. No new fill. CWC. LD 25- jts 2 7/8. TOH w/ 202- jts 2 7/8, & chomp bit. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 199- jts 2 7/8. SDFD. - MIRUSU. Bleed pressure of well (250psi). ND BOP & frac head. NU production head & BOP. RU rig floor. X- over to tbg eq. PU TIH w/ 4 3/4 chomp bit, & 166- jts 2 7/8 tbg. Tag CBP @ 5186'. RU Nabors power swivel. Drill out CBP. Hang back power swivel. TIH w/ tbg to CBP @ 6175'. LD 4- jts 2 7/8. SDFD. - MIRUSU. Bleed pressure of well (250psi). ND BOP & frac head. NU production head & BOP. RU rig floor. X- over to tbg eq. PU TIH w/ 4 3/4 chomp bit, & 166- jts 2 7/8 tbg. Tag CBP @ 5186'. RU Nabors power swivel. Drill out CBP. Hang back power swivel. TIH w/ tbg to CBP @ 6175'. LD 4- jts 2 7/8. SDFD.

Daily Cost: \$0

Cumulative Cost: \$117,577

9/29/2010 Day: 5

Completion

NC #3 on 9/29/2010 - Land production tbg, & TIH w/ rods. - 250 psi on tbg & csg. RD rig

floor. ND BOP. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 1/2 x 20 x 24 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 126- 3/4 plain rods, 97- 7/8 guided rods, 8', 6', 4', 2', x 7/8 pony rods, 1 1/2 x 26' polish rod. W/ tbg full stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 3:30 W/ 144" SL @ 5 SPM FINAL REPORT!!

Finalized

Daily Cost: \$0

Cumulative Cost: \$184,914

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

5. Lease Serial No.
FEE

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
SCHWAB-STOLLMACK 4-24-4-1WJ

9. AFI Well No.
43-047-51167

10. Field and Pool or Exploratory
MYTON-TRIBAL EDA

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
08/31/2010

15. Date T.D. Reached
09/12/2010

16. Date Completed
09/29/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5047' GL 5059' KB

18. Total Depth: MD 7170'
TVD

19. Plug Back T.D.: MD 7066'
TVD

20. Depth Bridge Plug Set: MD
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	486'		250 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	7164'		350 PRIMLITE		234'	
						440 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@ 6349'	TA @ 6250'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			6244-6283' LODC	.36"	3	39
B) Green River			6008-6091' A1 A3	.36"	3	27
C) Green River			4968-5116' GB2 GB6	.36"	3	33
D) Green River						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6244-6283'	Frac w/ 158974#'s 20/40 sand in 976 bbls of Lightning 17 fluid.
6008-6091'	Frac w/ 45342#'s 20/40 sand in 301 bbls of Lightning 17 fluid.
4968-5116'	Frac w/ 69643#'s 20/40 sand in 419 bbls of Lightning 17 fluid.

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
9-29-10	10-10-10	24	→	0.00	80	22			2-1/2" x 1-1/2" x 20' x 24' RHAC Pump

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

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

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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.)

SOLD & 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
				GARDEN GULCH MRK GARDEN GULCH 1	4482' 4703'
				GARDEN GULCH 2 POINT 3	4824' 5121'
				X MRKR Y MRKR	5335' 5369'
				DOUGALS CREEK MRK BI CARBONATE MRK	5515' 5836'
				B LIMESTON MRK CASTLE PEAK	5961' 6357'
				BASAL CARBONATE WASATCH	6745' 6870'

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) Lucy Chavez-Naupoto

Title Administrative Assistant

Signature 

Date 10/15/2010

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 4-24-4-1

7/1/2010 To 11/30/2010

SCHWAB-STOLLMACK 4-24-4-1

Waiting on Cement

Date: 9/1/2010

Ross #21 at 486. Days Since Spud - returned 10 bbls cement to pit, bump plug to 409 psi, BLM and State were notified via email - On 8-31-10 @8:00Am Ross # 21 drilled 485' of 12 1/4" hole, On 9-1-10 P/U and run 11 jts of 8 5/8" csg - set @ 485.86', On 9-2-10 cement w/ BJ w/250 sks of class G+.25#CF mixed @ 15.8ppg and 1.17 yield

Daily Cost: \$0

Cumulative Cost: \$50,591

SCHWAB-STOLLMACK 4-24-4-1

Drill 7 7/8" hole with fresh water

Date: 9/7/2010

NDSI #1 at 706. 1 Days Since Spud - choke manifold, upper kelly cock, and safety valve to 2000 psi for 10 minutes. Pressure test - surface casing to 1500 psi for 30 minutes. Remove HCR valve on choke line to clean out cement. - Change out B&C Quick Test truck at 10 pm since first truck not holding pressure. - Pick up BHA including Varel VM6166U bit, Hunting 0.33 rev/gal MM, and Hathaway Burnham directional - Drill 7 7/8" hole from 440' to 706' with 10 klbs WOB and 66.5 ft/hr avg ROP. - Rig up B&C Quick Test and pressure test pipe rams, blind rams, choke line, inside BOP, - Nipple up BOP and choke line. - Move rig from the Stewart 3-24-4-2W to the SS 4-24-4-1W with Jones Trucking. - tools.

Daily Cost: \$0

Cumulative Cost: \$103,614

SCHWAB-STOLLMACK 4-24-4-1

Drill 7 7/8" hole with fresh water

Date: 9/8/2010

NDSI #1 at 3242. 2 Days Since Spud - Work on Pason hookload sensor. Replace cord from hookload sensor to junction box. - Service rig. Function test BOP and crown-o-matic. - Drill 7 7/8" hole from 1207' to 3242' with 20 klbs WOB, 154 total RPM, and 116 ft/hr avg ROP. - Drill 7 7/8" hole from 706' to 1207' with 20 klbs WOB, 154 total RPM, and 125 ft/hr avg ROP.

Daily Cost: \$0

Cumulative Cost: \$142,534

SCHWAB-STOLLMACK 4-24-4-1

Drill 7 7/8" hole with fresh water

Date: 9/9/2010

NDSI #1 at 5155. 3 Days Since Spud - Drill 7 7/8" hole from 3242' -3525' with 20 WOB, 154 total RPM, and 116 ft/hr avg ROP - Wait on weight indicator / rig service function test pipe rams and crownomatic - Drill 7 7/8" hole from 3525' - 5155' with 20 WOB, 140 total RPM, and 85 ft/hr avg ROP

Daily Cost: \$0

Cumulative Cost: \$162,714

SCHWAB-STOLLMACK 4-24-4-1

Drill 7 7/8" hole with fresh water

Date: 9/10/2010

NDSI #1 at 5907. 4 Days Since Spud - Finish tripping out change bit and trip in hole with new bit - Drill 7 7/8" hole from 5155' -5405' with 20 WOB, 140 total RPM, and 35 ft/hr avg ROP - Rig service function test pipe rams and crownomatic - Drill 7 7/8" hole from 5405' - 5475' with 20 WOB, 140 total RPM, and 35 ft/hr avg ROP - Circulate for Trip - well flowing - Lay down to

4000' - circulate and wait on brine - Ream 60' to bottom - Drill 7 7/8" hole from 5475' - 5907' with 20 WOB, 140 total RPM, and 70 ft/hr avg ROP

Daily Cost: \$0

Cumulative Cost: \$182,994

SCHWAB-STOLLMACK 4-24-4-1

TIH

Date: 9/11/2010

NDSI #1 at 7170. 5 Days Since Spud - Pump 320 bbls of brine - Lay down to 4000' - Circulate - flowing 8 gal min - Drill 7 7/8" hole from 5907' -6564' with 20 WOB, 140 total RPM, and 110 ft/hr avg ROP - Drill 7 7/8" hole from 6564' - 7170' TD with 20 WOB, 140 total RPM, and 110 ft/hr avg ROP - Lay down DP and BHA - Log w/PSI hit bridge @ 3200' wouldn't go come out of hole. - Pick up DP - Rig service function test pipe rams and crownomatic

Daily Cost: \$0

Cumulative Cost: \$230,319

SCHWAB-STOLLMACK 4-24-4-1

Circulate & Condition Hole

Date: 9/12/2010

NDSI #1 at 7170. 6 Days Since Spud - Change rams and test casing rams @ 2000 psi - Trip in hole and lay down - Pump 160 bbls brine - trip out of hole - circulate and ream clear hole- Pump gel sweep - Pick up DC and DP run in to 3600 ft - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/CAL suite TD to 3000' (loggers TD 7151') - R/U QT csg run 170jt 5.5 15.5# j-55 LTC-tag -GS set @ 7164.56' KB -FC set @ 7121.01 KB - Circulate csg

Daily Cost: \$0

Cumulative Cost: \$357,496

SCHWAB-STOLLMACK 4-24-4-1

Wait on Completion

Date: 9/13/2010

NDSI #1 at 7170. 7 Days Since Spud - Nipple down and set slips with 100,000 lbs of tension. - at 14.4 ppg and 1.24 cuft/sk. Displace with 170 bbls of water. Return 14 bbls of cement to pit. - Clean mud tanks and rig down. - Release rig at 1:00 pm on 9/12/10. - Circulate well and rig up BJ Services to cement. - Pump 350 sacks of lead cement at 11 ppg and 3.54 cuft/sk. Follow with 440 sacks of tail cement **Finalized**

Daily Cost: \$0

Cumulative Cost: \$385,281

Pertinent Files: Go to File List