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 Welch 14-19-4-1E	
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○					**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 ○ INDIAN ○ STATE ○ FEE ◉			**12. SURFACE OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Oman Uintah Farm LLC					**14. SURFACE OWNER PHONE (if box 12 = 'fee')**	
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 14340 S 3600 W, Bluffdale, UT 84065					**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 ○ (Submit Commingling Application) NO ◉			**19. SLANT** VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1022 FSL 2067 FWL	SESW	19	4.0 S	1.0 E	U
Top of Uppermost Producing Zone	1022 FSL 2067 FWL	SESW	19	4.0 S	1.0 E	U
At Total Depth	1022 FSL 2067 FWL	SESW	19	4.0 S	1.0 E	U

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 1022	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1879	**26. PROPOSED DEPTH** MD: 6695 TVD: 6695
27. ELEVATION - GROUND LEVEL 4993	**28. BOND NUMBER** B001834	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 43-7478

ATTACHMENTS

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**
☑ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**	☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
☐ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**	☑ **TOPOGRAPHICAL MAP**

NAME Mandie Crozier	**TITLE** Regulatory Tech	**PHONE** 435 646-4825
SIGNATURE	**DATE** 12/18/2009	**EMAIL** mcrozier@newfield.com
API NUMBER ASSIGNED 43047508690000	**APPROVAL**	Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	5.5	0	6695		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	6695	15.5			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	8.625	0	400		
Pipe	**Grade**	**Length**	**Weight**			
	Grade K-55 ST&C	400	24.0			

'APIWellNo:43047508690000'

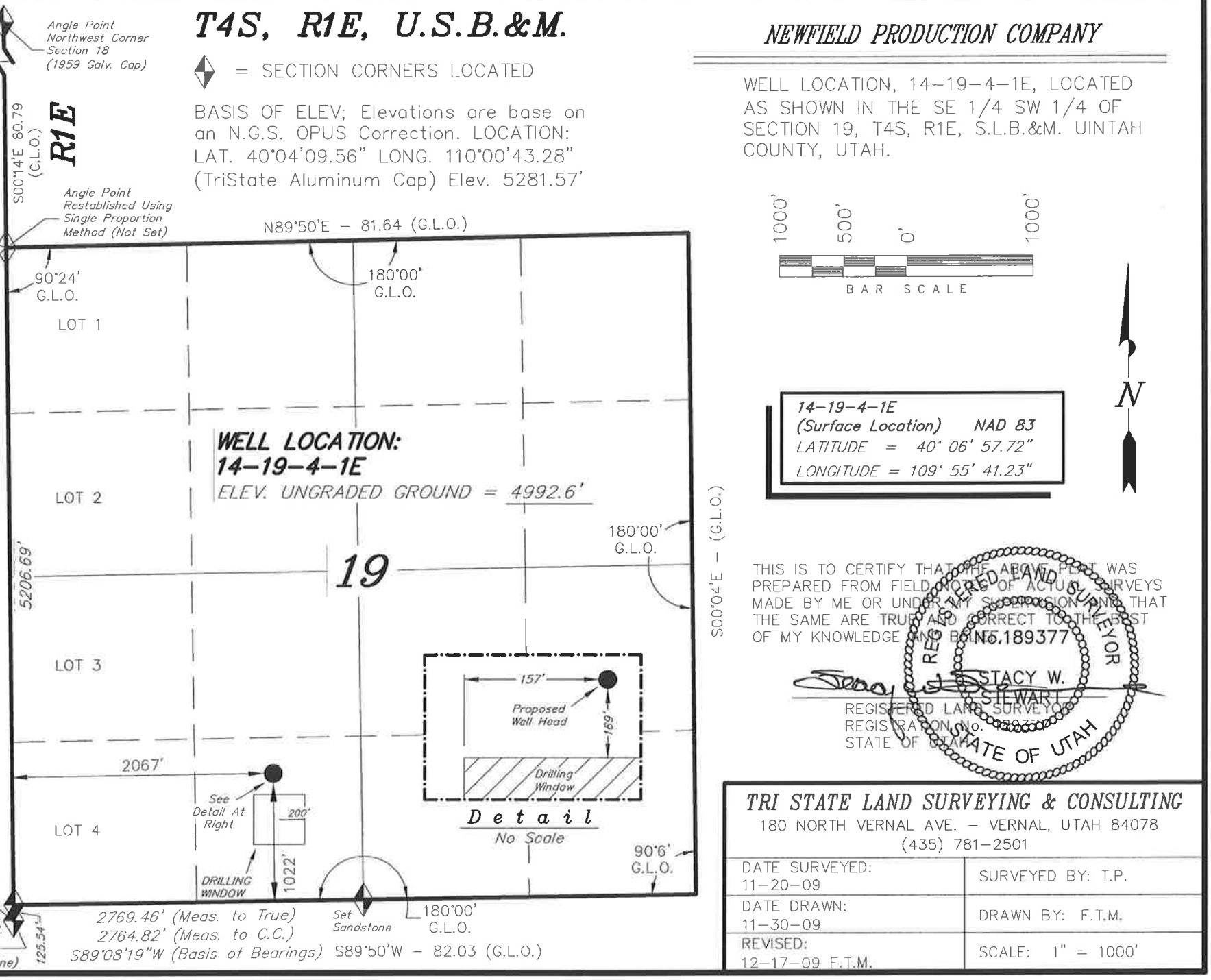
T4S, R1E, U.S.B.&M.

= SECTION CORNERS LOCATED

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

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 14-19-4-1E, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 19, T4S, R1E, S.L.B.&M. UINTAH COUNTY, UTAH.



1000' 500' 0' 1000'

BAR SCALE

N

14-19-4-1E	
(Surface Location)	NAD 83
LATITUDE =	40° 06' 57.72"
LONGITUDE =	109° 55' 41.23"

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 189377
STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 11-20-09	SURVEYED BY: T.P.
DATE DRAWN: 11-30-09	DRAWN BY: F.T.M.
REVISED: 12-17-09 F.T.M.	SCALE: 1" = 1000'

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

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 28th day of October, 2009 by and between **Oman Uintah Farm, LLC whose address is 14340 South 3600 West, Bluffdale, UT 84065**, ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 17th Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 1 East
Section 19 S/2

Uintah County, Utah
being 327.61 acres, more or less

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 October 28th, 2009, 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. This agreement replaces and supersedes any and all prior agreements covering the lands described herein.

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

SURFACE OWNER

By: Roland James Oman
Roland James Oman
Oman Uintah Farm, LLC

By: Yvonne T. Oman
Yvonne T. Oman
Oman Uintah Farm, LLC

NEWFIELD PRODUCTION COMPANY

By: _____
Daniel W. Shewmake
Vice President – Development

STATE OF UTAH)
)ss
COUNTY OF Salt Lake)

This instrument was acknowledged before me this 11th day of November, 2009 by Roland James Oman.

Witness my hand and official seal.

Notary Public

My commission expires 9/6/2013

TIA EATON
NOTARY PUBLIC-STATE OF UTAH
COMMISSION# 580019

STATE OF UTAH)
)ss
COUNTY OF Salt Lake)

This instrument was acknowledged before me this 11th day of November, 2009 by Yvonne T. Oman.

Witness my hand and official seal.

Notary Public

My commission expires 9/6/2013

TIA EATON
NOTARY PUBLIC-STATE OF UTAH
COMMISSION# 580019
COMM. EXP. 09-06-2013

STATE OF COLORADO)
)ss
COUNTY OF DENVER)

This instrument was acknowledged before me this _____, 2009 by **Daniel W. Shewmake, as Vice President – Development 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
WELCH 14-19-4-1E
SE/SW SECTION 19, T4S, R1E
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 – 1,975'
Green River	1,975'
Wasatch	6,695'

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

Green River Formation (Oil) 1,975' – 6,695'

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: Welch 14-19-4-1E

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	400'	24.0	J-55	STC	2,950 13.15	1,370 10.77	244,000 25.42
Prod casing 5-1/2"	0'	6,695'	15.5	J-55	LTC	4,810 2.26	4,040 1.90	217,000 2.09

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: Welch 14-19-4-1E

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	400'	Class G w/ 2% CaCl	183 215	30%	15.8	1.17
Prod casing Lead	4,700'	Prem Lite II w/ 10% gel + 3% KCl	324 1058	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*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 @ 400' +/-, 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

2-M SYSTEM

Blowout Prevention Equipment Systems

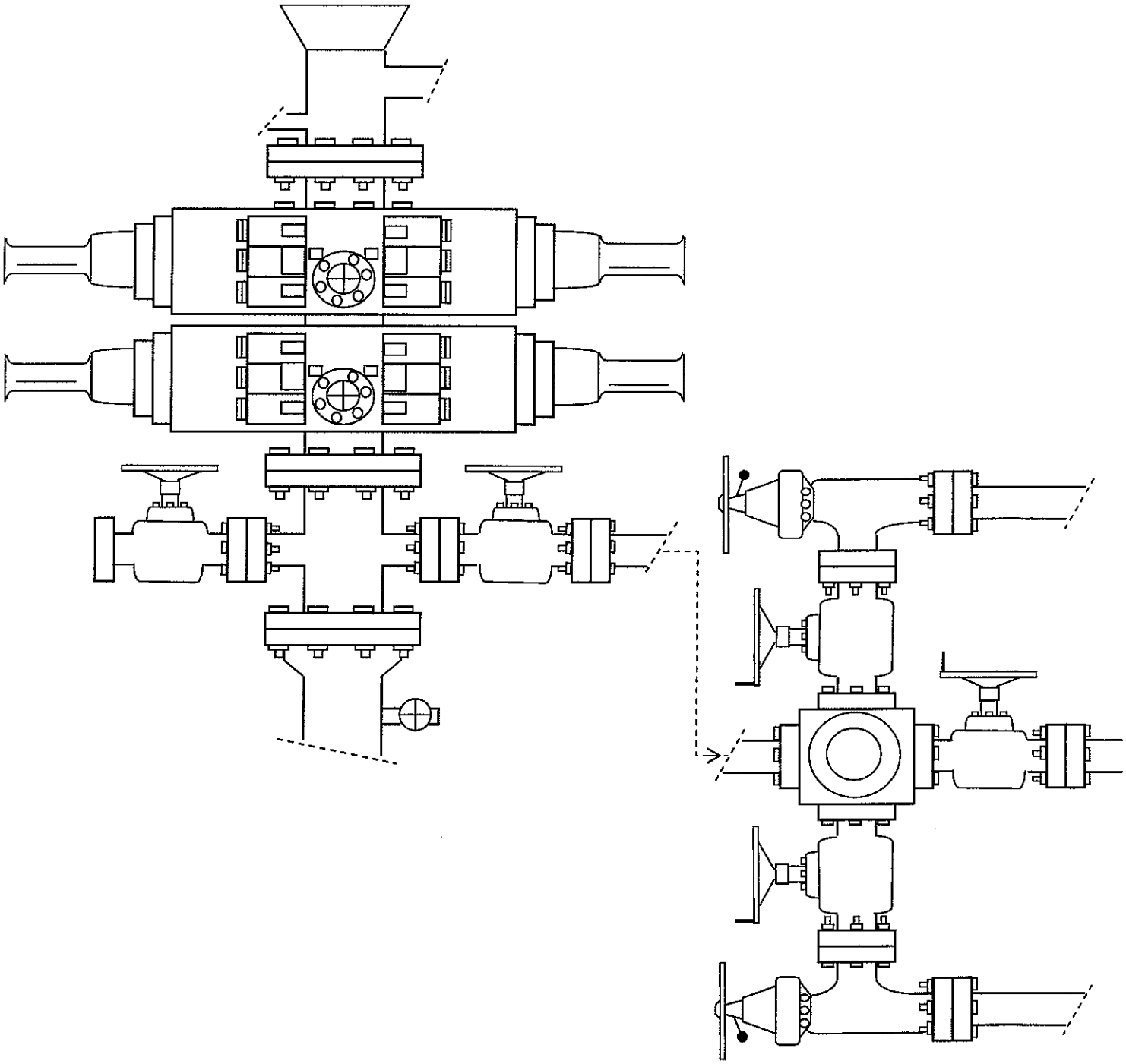
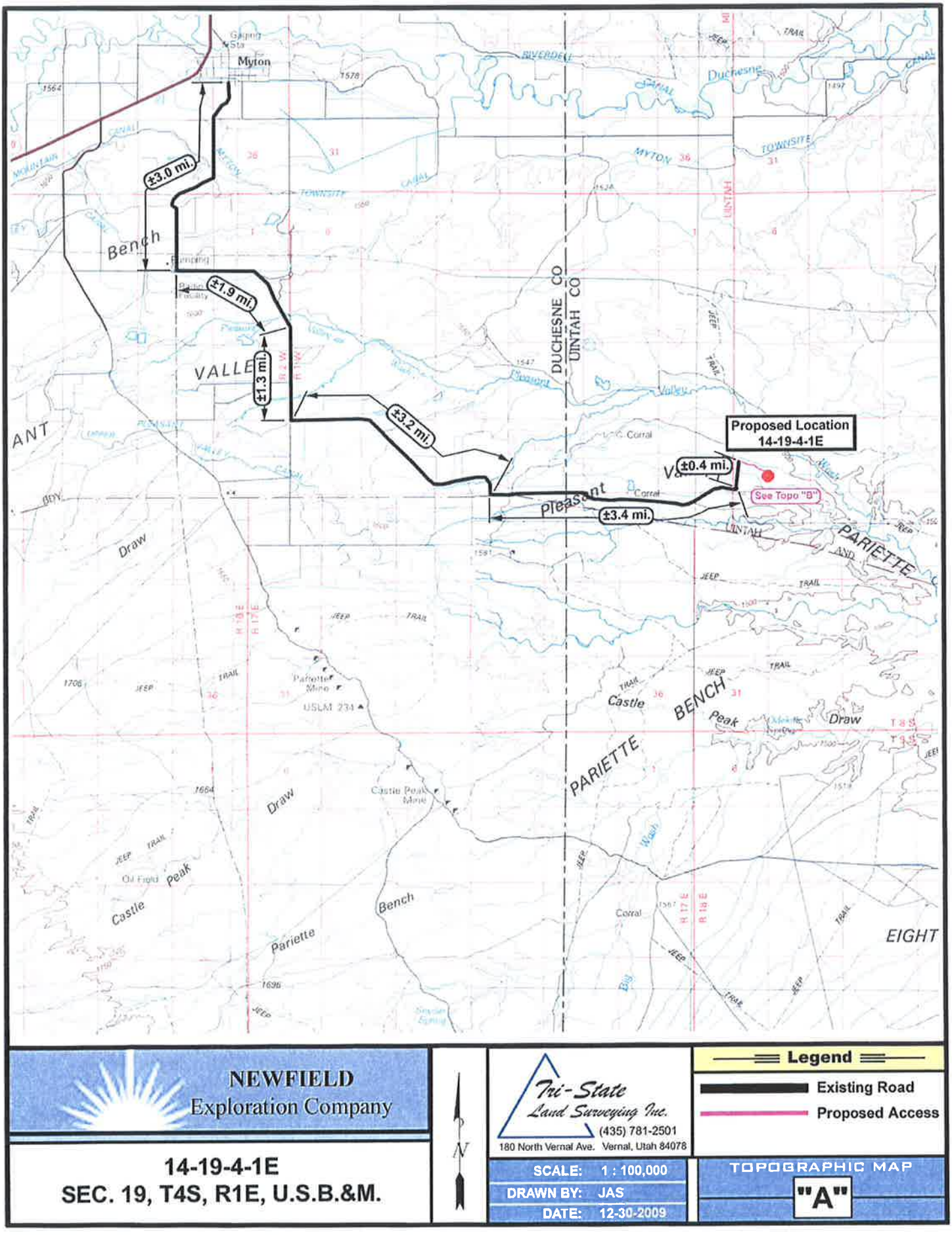


EXHIBIT C

’APIWellNo:43047508690000’



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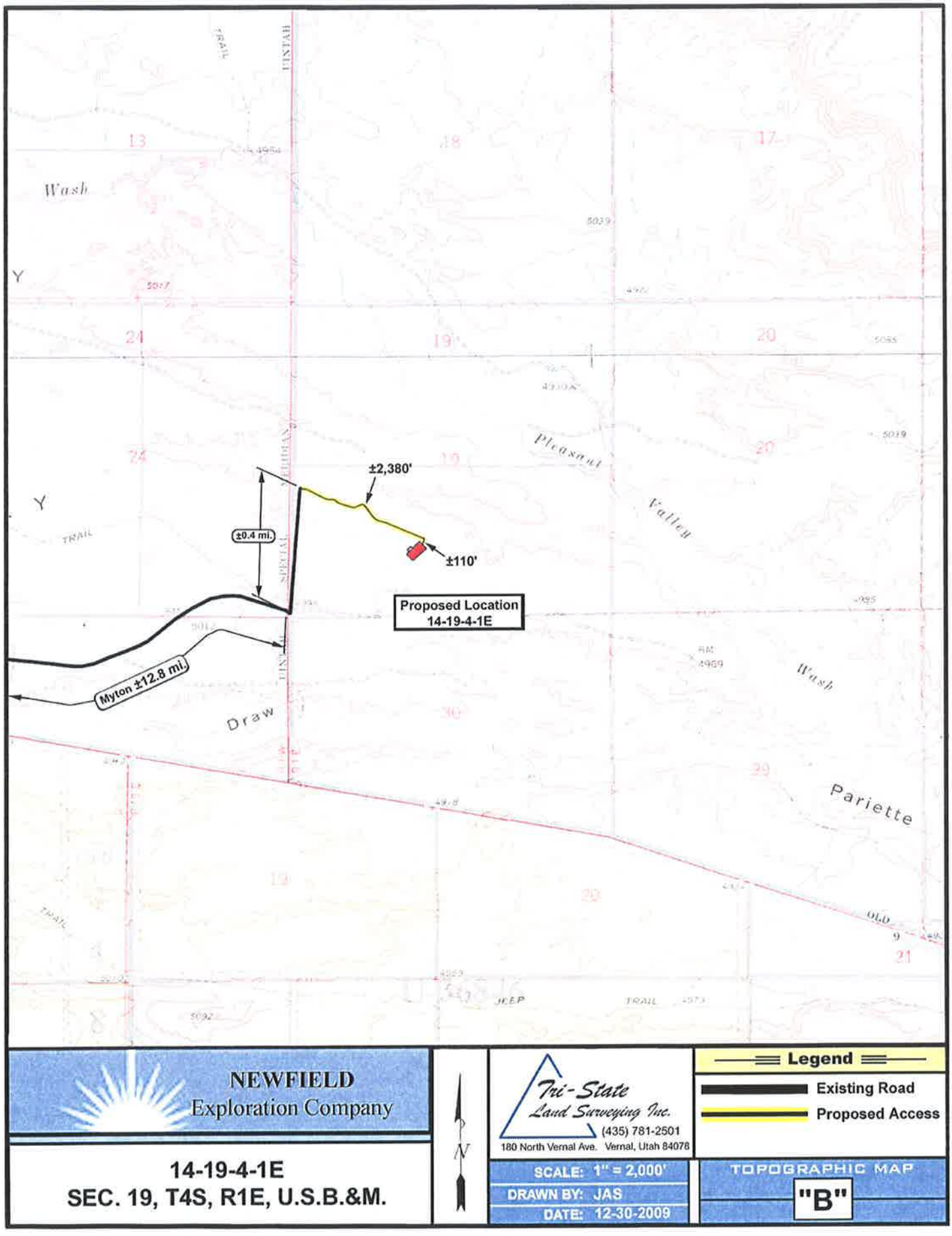

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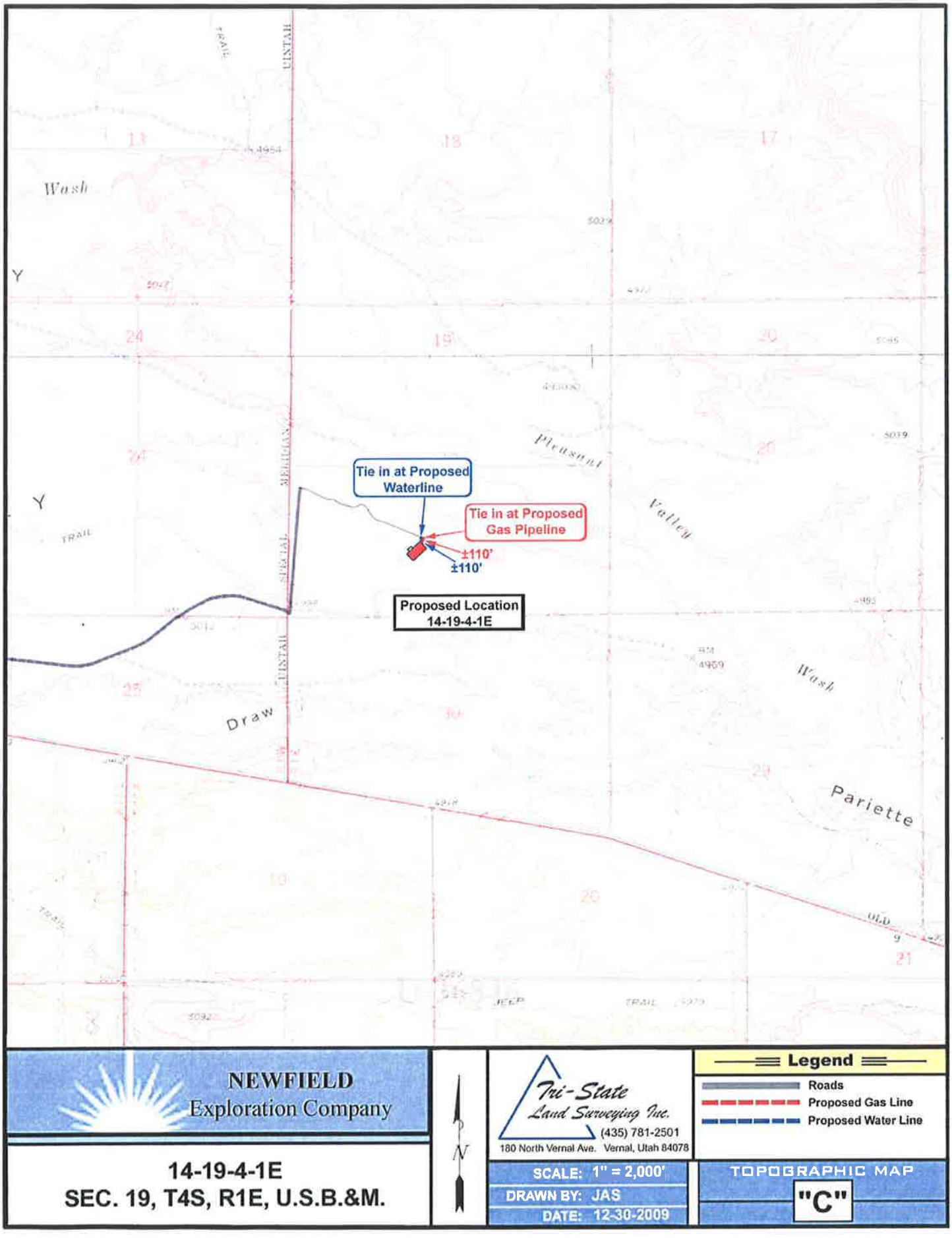

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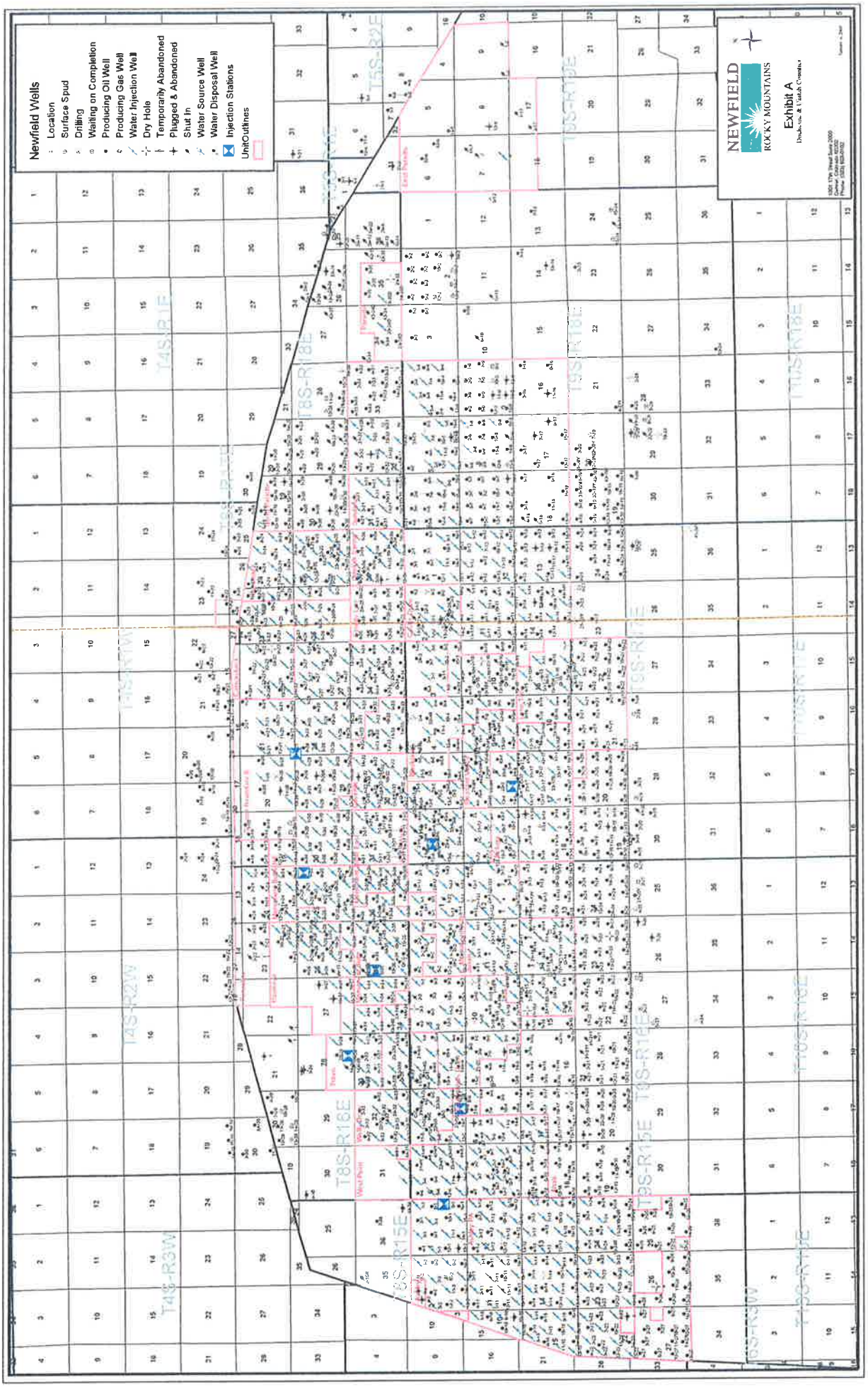

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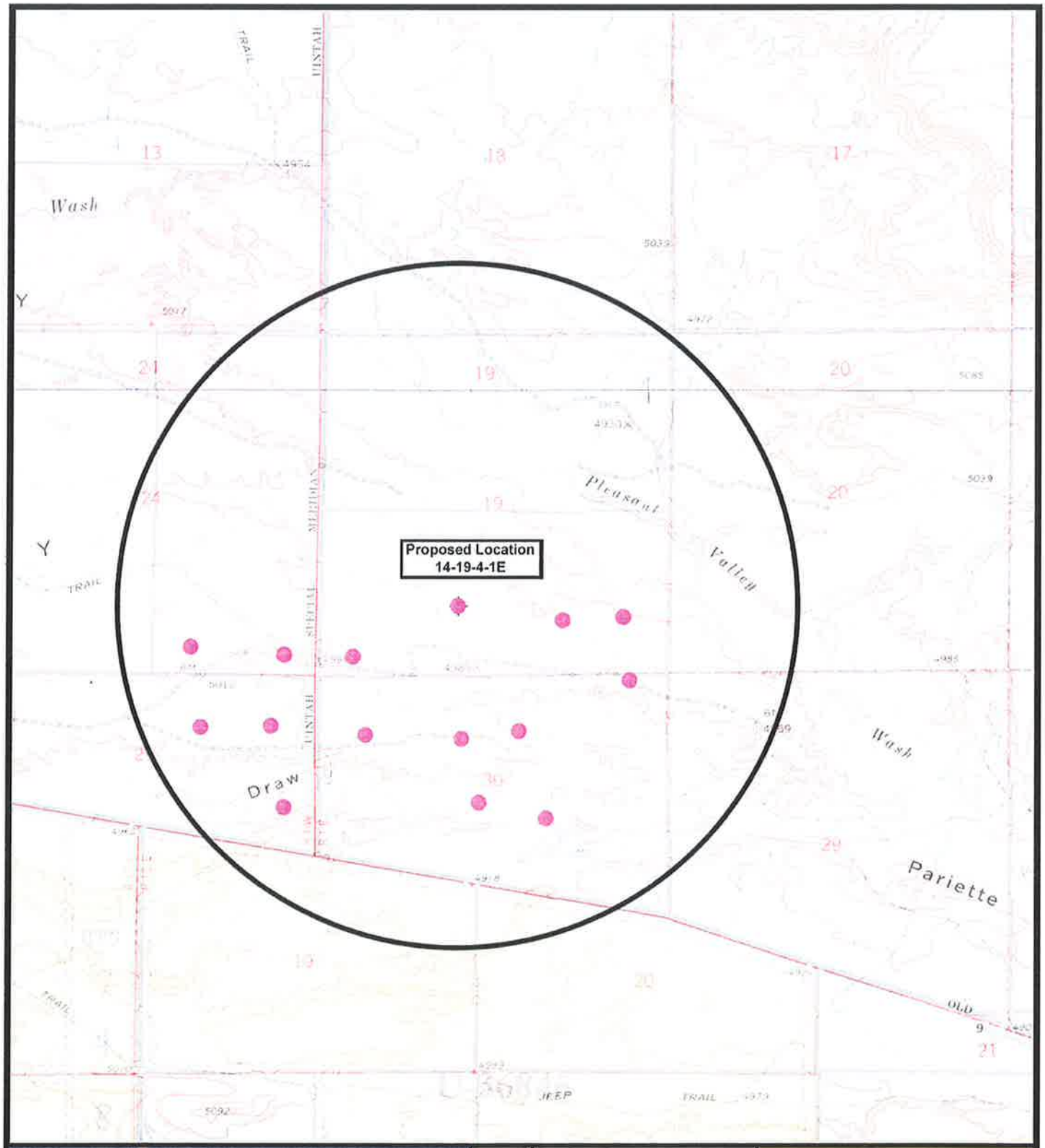


NEWFIELD
Exploration Company

14-19-4-1E
SEC. 19, T4S, R1E, U.S.B.&M.

N

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

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 12-30-2009

Legend
Location
One-Mile Radius

Exhibit "B"

NEWFIELD PRODUCTION COMPANY
WELCH 14-19-4-1E
SE/SW SECTION 19, T4S, R1E
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Welch 14-19-4-1E located in the SE¼ SW¼ Section 19, T4S, R1E, S.L.B. & M., Uintah County, Utah:

Proceed in a southerly direction out of Myton, approximately 3.0 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed in an easterly direction approximately 3.4 miles to it's junction with an existing road to the north; proceed northerly approximately 0.4 miles to it's junction with the beginning of the proposed access road southeast; proceed along the proposed access road approximately 2,490' 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 2,490' 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

Maurice Harvey Pond
Water Right: 47-1358

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:** Oman Uintah Farm LLC.
See attached Memorandum of Easement ROW and Surface Use Agreement.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 110' of disturbed area be granted for construction of the proposed gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both proposed lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Newfield Production Company requests 110' of disturbed area be granted to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. Both proposed lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

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.

The Archaeological and Paleontological Report Waiver is attached.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. 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 Welch 14-19-4-1E, 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 Welch 14-19-4-1E 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 REPRENSENTATIVE 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 #14-19-4-1E, SE/SW Section 19, T4S, R1E, 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.

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.

12/17/09
Date

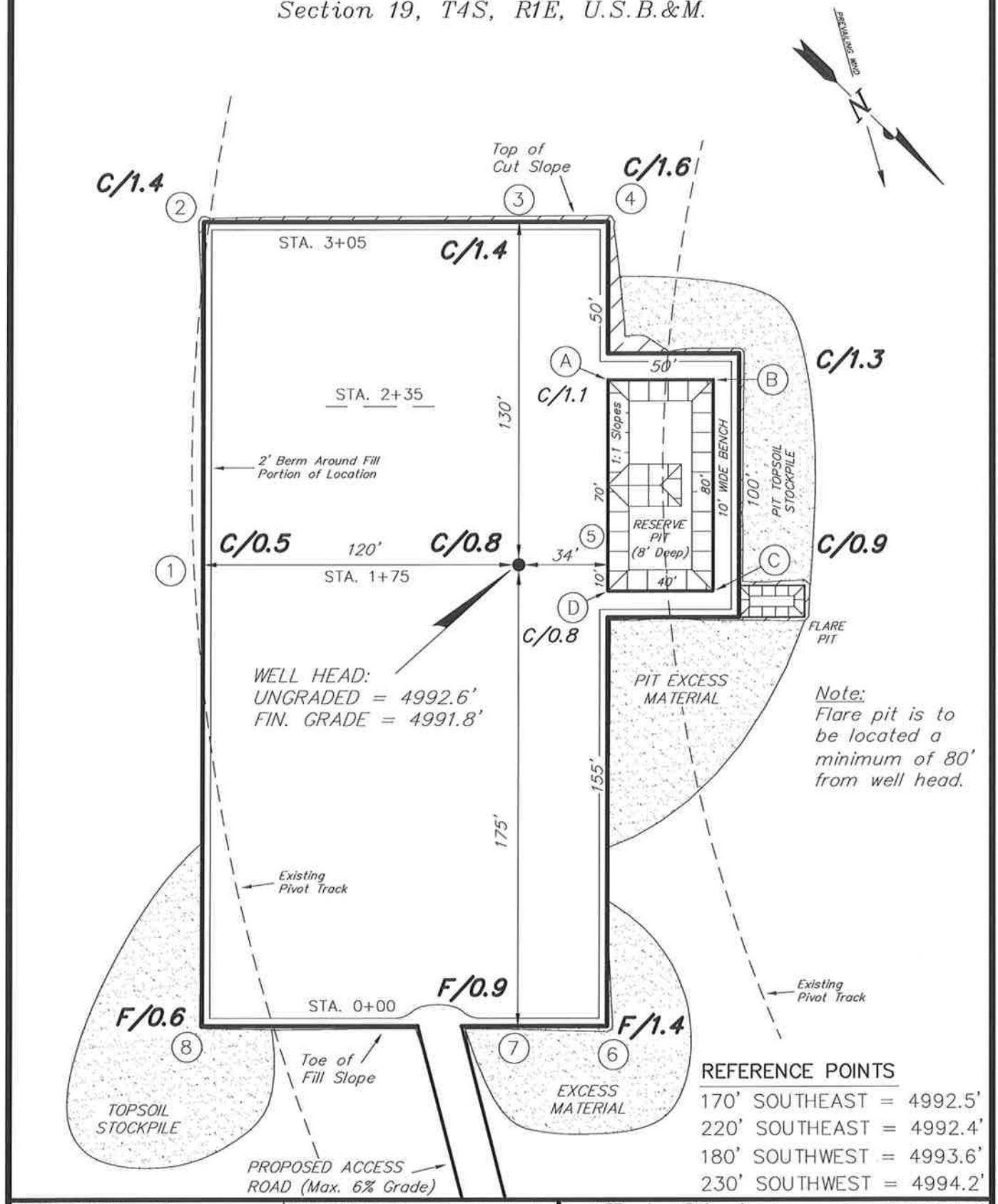
Mandie Crozier
Regulatory Specialist
Newfield Production Company

'APIWellNo:43047508690000'

NEWFIELD PRODUCTION COMPANY

14-19-4-1E

Section 19, T4S, R1E, U.S.B.&M.



Note:
Flare pit is to be located a minimum of 80' from well head.

REFERENCE POINTS

170' SOUTHEAST = 4992.5'
220' SOUTHEAST = 4992.4'
180' SOUTHWEST = 4993.6'
230' SOUTHWEST = 4994.2'

SURVEYED BY:	T.P.	DATE SURVEYED:	11-20-09
DRAWN BY:	F.T.M.	DATE DRAWN:	11-30-09
SCALE:	1" = 50'	REVISED:	

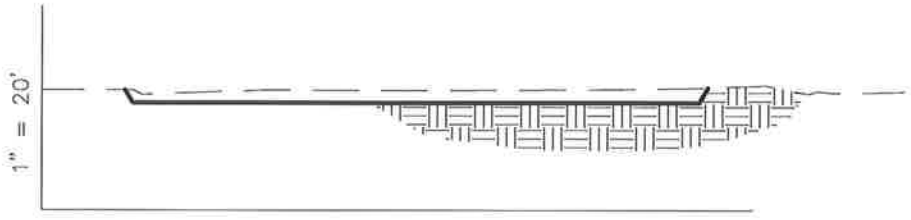
Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

'APIWellNo:43047508690000'

NEWFIELD PRODUCTION COMPANY

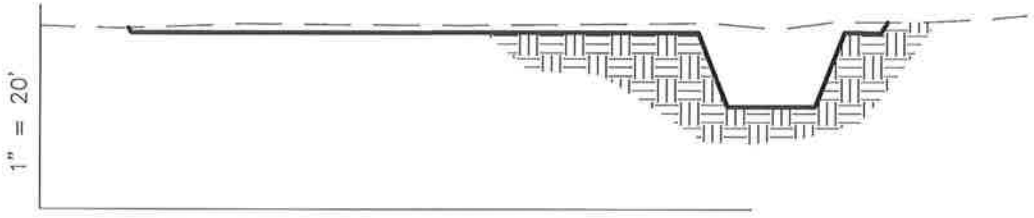
CROSS SECTIONS

14-19-4-1E



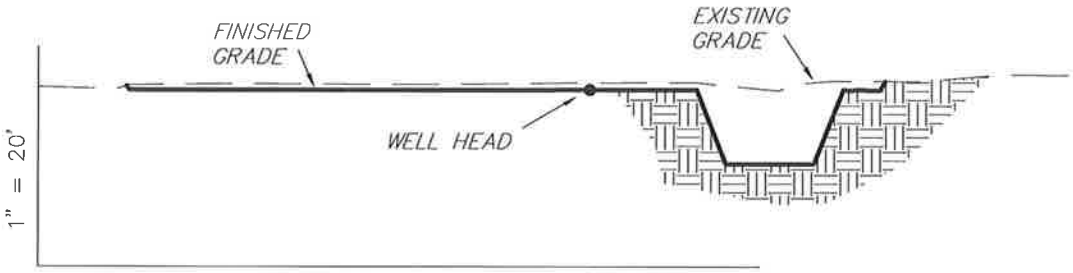
1" = 50'

STA. 3+05



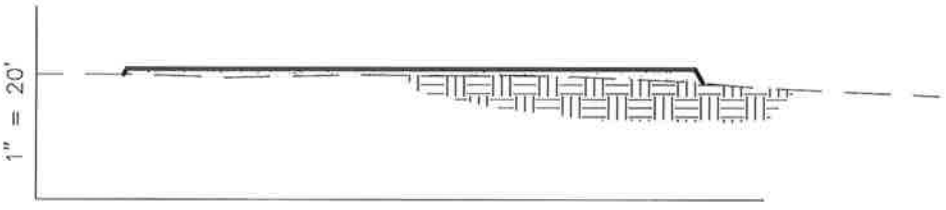
1" = 50'

STA. 2+35



1" = 50'

STA. 1+75



1" = 50'

STA. 0+00

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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	450	450	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,090	450	1,000	640

SURVEYED BY: T.P.	DATE SURVEYED:	11-20-09	
DRAWN BY: F.T.M.	DATE DRAWN:	11-30-09	
SCALE: 1" = 50'	REVISED:		

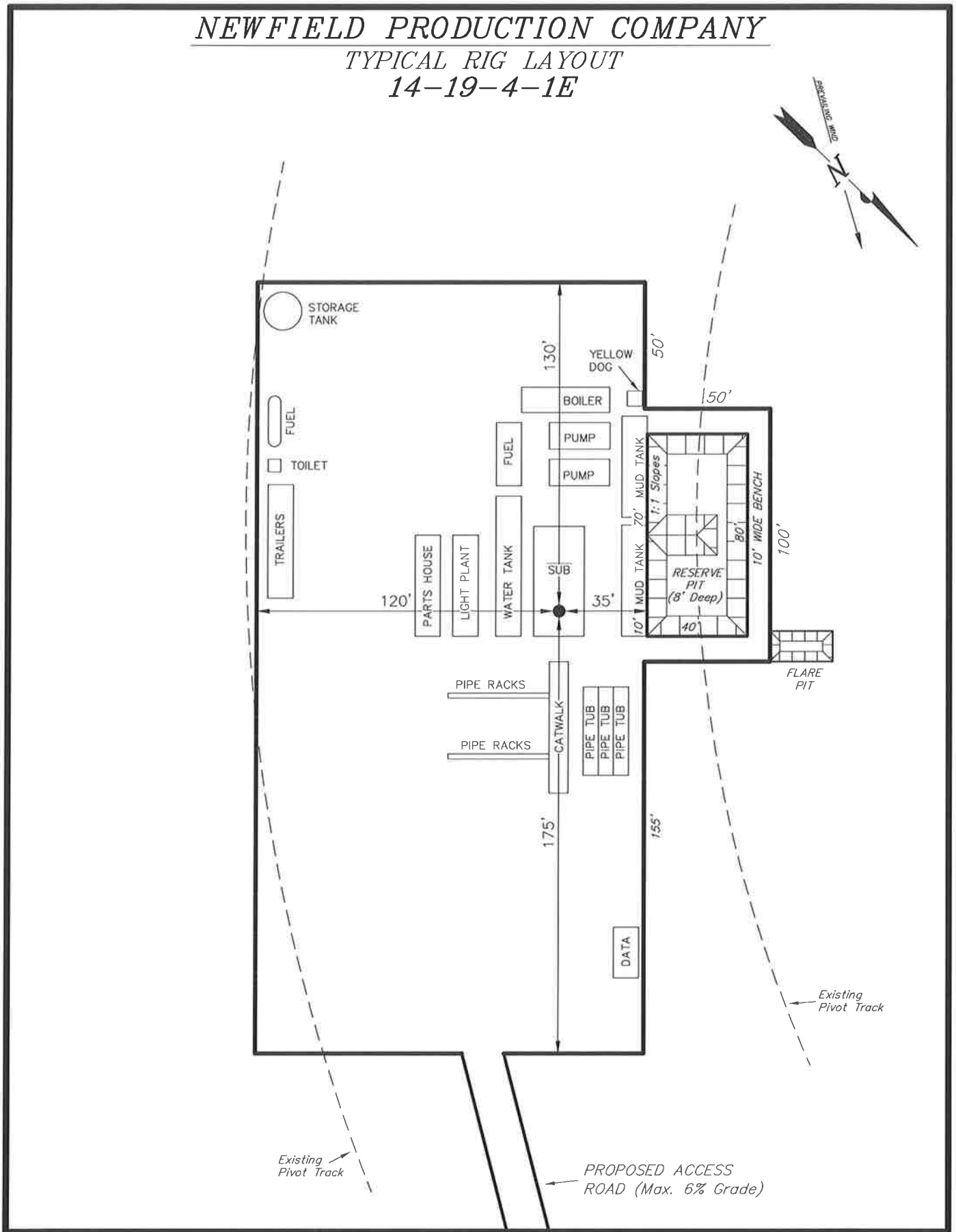
Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

'APIWellNo:43047508690000'

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

14-19-4-1E



SURVEYED BY: T.P.	DATE SURVEYED:	11-20-09	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN:	11-30-09	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

'APIWellNo:43047508690000'

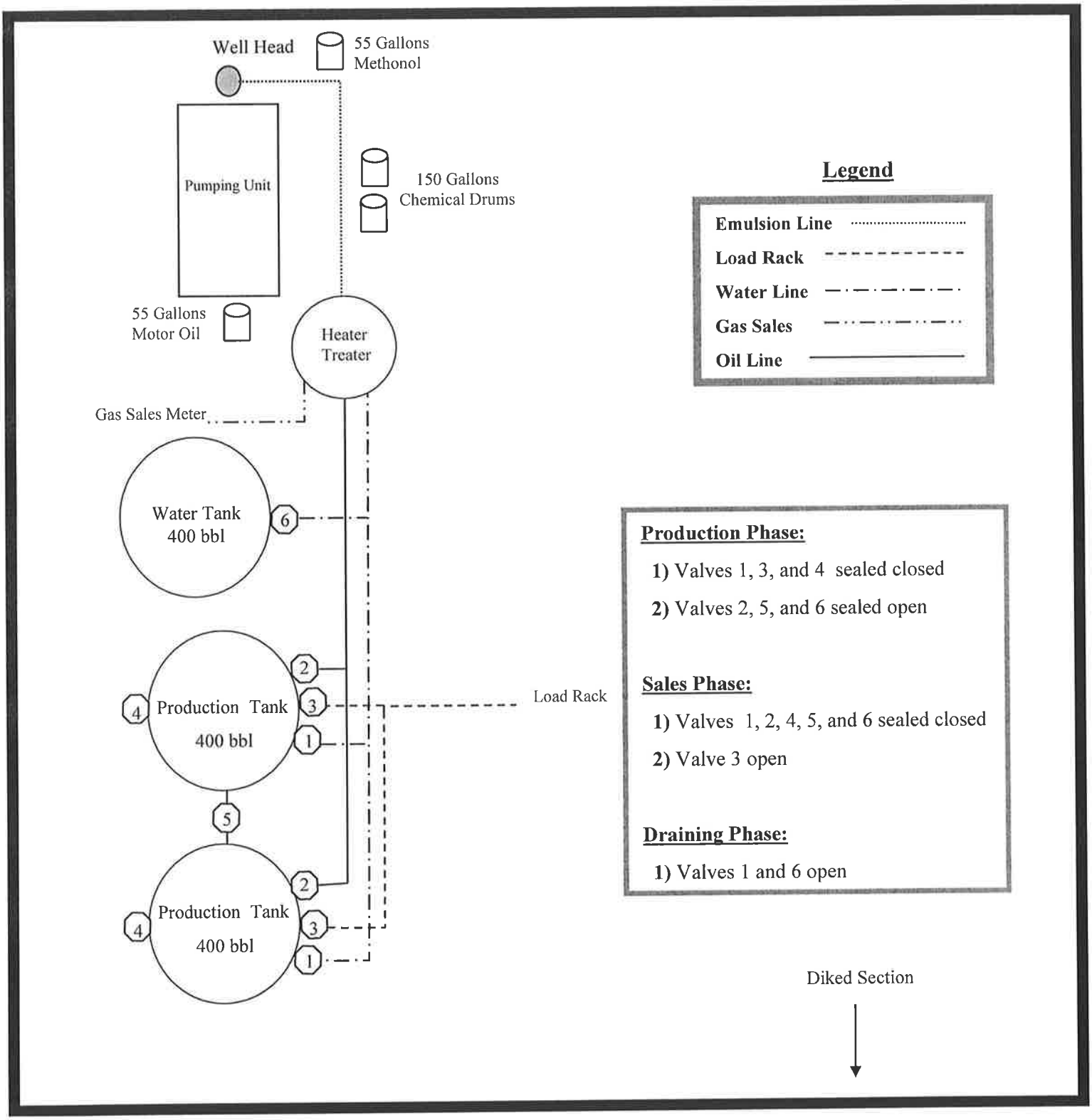
Newfield Production Company
Proposed Site Facility Diagram

Welch 14-19-4-1E

SE/SW Sec. 19, T4S, R1E

Uintah County, Utah

FEE



'APIWellNo:43047508690000'

EXHIBIT D

Township 4 South, Range 1 East
Section 19 S/2

Uintah County, Utah
being 327.61 acres, more or less

ARCHAEOLOGICAL & PALEOTOLOGICAL REPORT WAIVER

For the above referenced location; Oman Uintah Farm, LLC, the Private Surface Owner. (Having a Surface Owner Agreement with Newfield Production Company)

Roland James and Yvonne T. Oman, representing this entity does agree to waive the request from the State of Utah and Bureau of Land Management for an Archaeological/Cultural and Paleotological Resource Survey for any wells covered by the Surface Use Agreement dated 10/28/09 between the above said private land owner and Newfield Production. This waiver hereby releases Newfield Production Company from this request.

Roland James Oman 11-11-09
Roland James Oman Date
Oman Uintah Farm, LLC

Brad Mecham 11-24-09
Brad Mecham Date
Newfield Production Company

Yvonne T Oman 11-11-09
Yvonne T. Oman Date
Oman Uintah Farm, LLC

'APIWellNo:43047508690000'

NEWFIELD

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

December 17, 2009

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

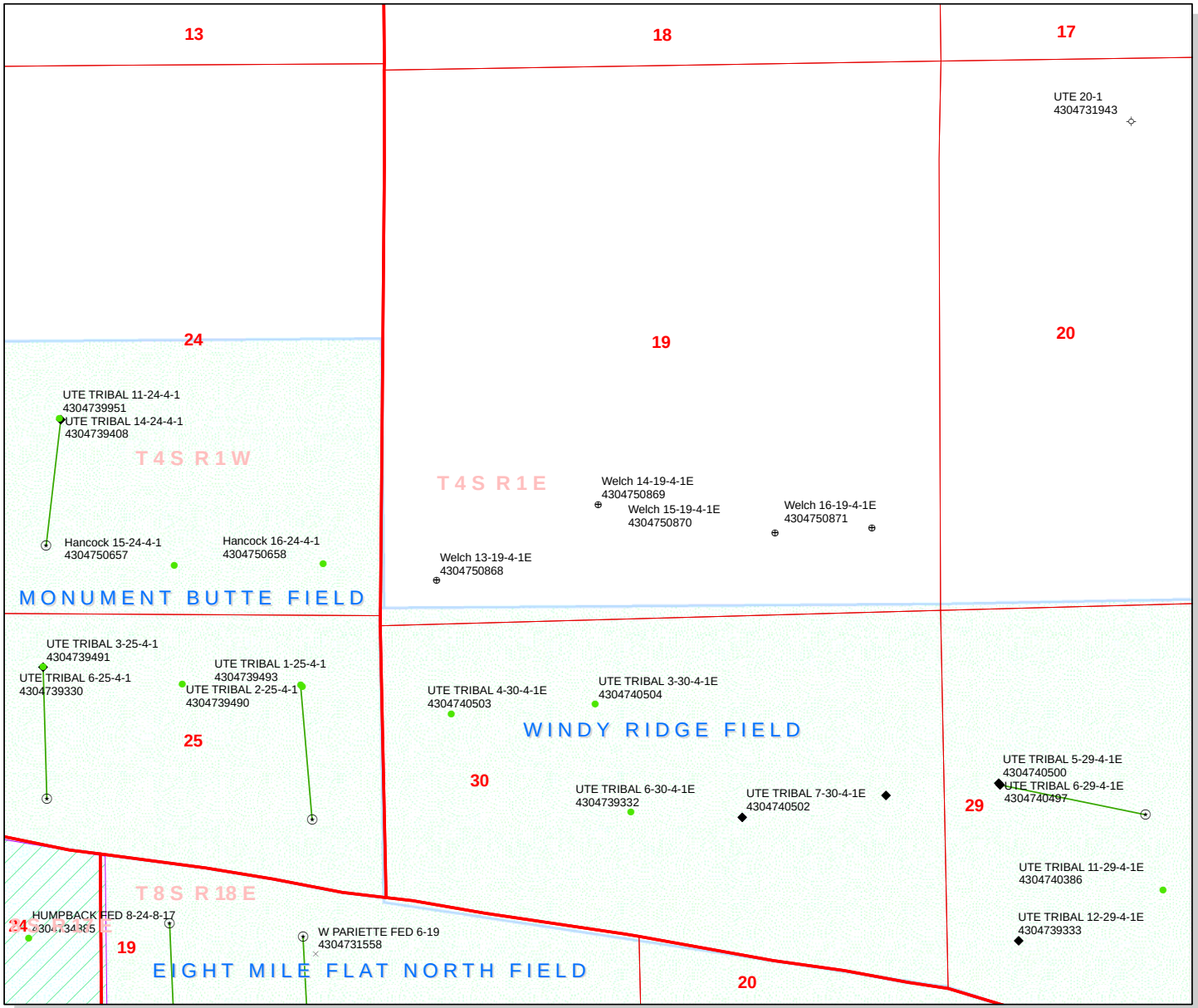
RE: Application for Permit to Drill
Welch 14-19-4-1E

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,

Mandie Crozier
Regulatory Specialist



API Number: 4304750869

Well Name: Welch 14-19-4-1E

Township 04.0 S Range 01.0 E Section 19

Meridian: UBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units

STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

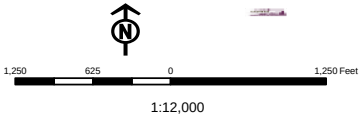
Fields

STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township

Wells Query

<all other values>

Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well



1:12,000

'APIWellNo:43047508690000'

NEWFIELD
ROCKY MOUNTAINS

December 21, 2009

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

2247

RE: Exception Location
Welch 14-19-4-1E
T4S R1E, Section 19: SESW
1022'FSL 2067' 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 169' north of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location has been chosen accommodate the surface owner.

Please note the drillsite and all surrounding acreage within a four hundred sixty (460') foot radius is owned by NPC 100%.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4137 or by email at awild@newfield.com . Your consideration of this matter is greatly appreciated.

Sincerely,

Alan D. Wild
Land Associate

Attachment

RECEIVED
DEC 2 4 2009
DIV. OF OIL, GAS & MINING

BOPE REVIEW NEWFIELD PRODUCTION COMPANY Welch 14-19-4-1E 43047508690000

Well Name	NEWFIELD PRODUCTION COMPANY Welch 14-19-4-1E 4304750869000			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	400	6695		
Previous Shoe Setting Depth (TVD)	0	400		
Max Mud Weight (ppg)	8.3	8.3		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2899	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	173	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	125	YES Air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	85	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	85	NO OK
Required Casing/BOPE Test Pressure=		400	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BPH (psi)	.052*Setting Depth*MW=	2890	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2087	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1417	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1505	NO Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		400	psi *Assumes 1psi/ft frac gradient

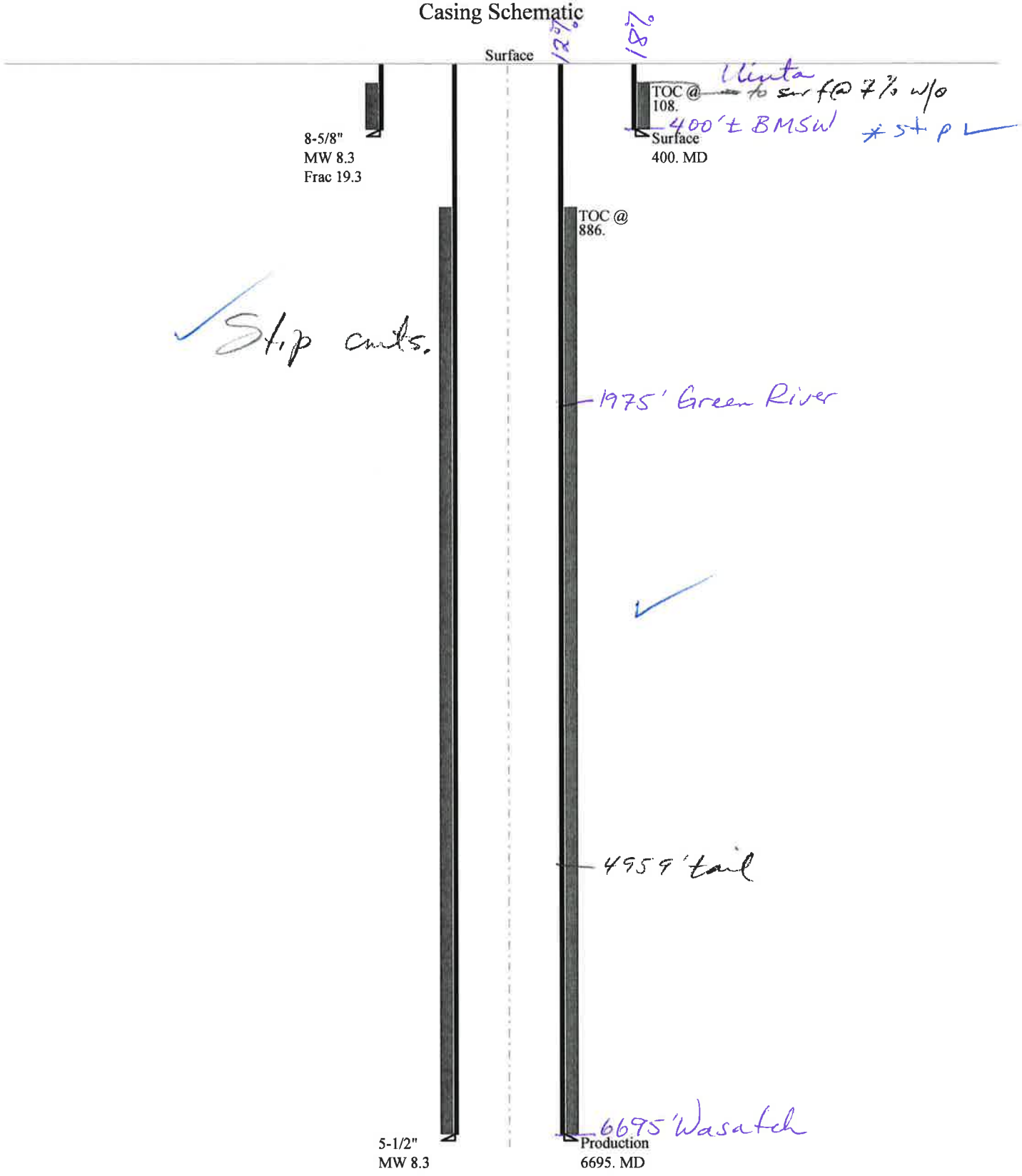
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous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

'APIWellNo:43047508690000'

43047508690000 Welch 14-19-4-1E

Casing Schematic



'APIWellNo:43047508690000'

Well name:	**43047508690000 Welch 14-19-4-1E**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-047-50869
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 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: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 350 ft

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: 108 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,695 ft
Next mud weight: 8.300 ppg
Next setting BHP: 2,887 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 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	400	8.625	24.00	J-55	ST&C	400	400	7.972	2059

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	173	1370	7.917	400	2950	7.38	9.6	244	25.42 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: February 16,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 400 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.

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

'APIWellNo:43047508690000'

Well name:	**43047508690000 Welch 14-19-4-1E**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-047-50869
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,424 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,897 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: 5,851 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 168 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 886 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	6695	5.5	15.50	J-55	LT&C	6695	6695	4.825	23640

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	2897	4040	1.394	2897	4810	1.66	103.8	217	2.09 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: February 16,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6695 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.

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

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

Operator	NEWFIELD PRODUCTION COMPANY				
Well Name	Welch 14-19-4-1E				
API Number	43047508690000	**APD No**	2247	**Field/Unit**	UNDESIGNATED
Location: 1/4,1/4	SESW **Sec** 19 **Tw** 4.0S **Rng** 1.0E	1022	FSL 2067	FWL	
GPS Coord (UTM)	591403 4440979	**Surface Owner**	Oman Uintah Farm LLC		

Participants

Floyd Bartlett (DOGM), Tim Eaton, Brian Foote (Newfield Production Co.), Cory Miller and Tyson Reary (Tri State Land Surveying), Roland Oman (Surface Owner).

Regional/Local Setting & Topography

The location is approximately 13.7 road miles southwest of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne 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 or planned oil field development roads. Approximately 110 feet of new construction across Oman's private land will be required to reach the location.

The proposed Welch 14-19-4-1E oil well pad is on the edge of a cornfield irrigated by an overhead pivot sprinkler. Terrain within the location gently slopes to the north but beyond the pad it breaks off into a long draw that contains constructed ponds. All of the pad will be within the irrigated field. A low profile jack will be used for production. The production tanks will be located off-site on a nearby pad. The berm on the east may be constructed so as to serve for the elevated base for the sprinkler wheel.

The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well.

Roland Oman owns the surface of the location and surrounding area.

Surface Use Plan

Current Surface Use
Grazing
Agricultural
Recreational
Wildlfe Habitat

New Road Miles	**Well Pad**	**Src Const Material**	**Surface Formation**
0.001	**Width** 205 **Length** 305	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

The site was covered with about 6 inches of snow. Corn, farm weeds and annuals.

Cattle, deer, ducks, geese, small mammals and birds.

Soil Type and Characteristics

Deep sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental 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)	300 to 1320	10	
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	42	1 Sensitivity Level

Characteristics / Requirements

The reserve pit will be 40' x 80' 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	1/15/2010
Evaluator	**Date / Time**

Application for Permit to Drill
Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2247	43047508690000	LOCKED	OW	P	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	Oman Uintah Farm LLC
Well Name	Welch 14-19-4-1E	**Unit**	
Field	UNDESIGNATED	**Type of Work**	DRILL
Location	SESW 19 4S 1E U 1022 FSL 2067 FWL GPS Coord (UTM)		591400E 4440965N

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 400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 19. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Surface casing should be extended to cover the estimated base of the moderately saline ground water.

Brad Hill	1/28/2010
APD Evaluator	**Date / Time**

Surface Statement of Basis

The location is approximately 13.7 road miles southwest of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Duchesne 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 or planned oil field development roads. Approximately 110 feet of new construction across Oman's private land will be required to reach the location.

The proposed Welch 14-19-4-1E oil well pad is on the edge of a cornfield irrigated by an overhead pivot sprinkler. Terrain within the location gently slopes to the north but beyond the pad it breaks off into a long draw that contains constructed ponds. All of the pad will be within the irrigated field. A low profile jack will be used for production. The production tanks will be located off-site on a nearby pad. The berm on the east may be constructed so as to serve for the elevated base for the sprinkler wheel.

The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well.

Roland Oman owns the surface of the location and surrounding area. A surface use agreement has been signed. Mr. Oman attended the pre-site visit and had no additional concerns not covered above or in the surface agreement. The minerals are FEE owned by another party but under lease to Newfield Production Company.

Floyd Bartlett	1/15/2010
Onsite Evaluator	**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.

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

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/18/2009 **API NO. ASSIGNED:** 43047508690000

WELL NAME: Welch 14-19-4-1E

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SESW 19 040S 010E **Permit Tech Review:** ☑

SURFACE: 1022 FSL 2067 FWL **Engineering Review:** ☑

BOTTOM: 1022 FSL 2067 FWL **Geology Review:** ☑

COUNTY: UINTAH

LATITUDE: 40.11593 **LONGITUDE:** -109.92746

UTM SURF EASTINGS: 591400.00 **NORTHINGS:** 4440965.00

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:** 43-7478
- ☐ **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:
5 - Statement of Basis - bhill
23 - Spacing - dmason
25 - Surface Casing - ddoucet

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: Welch 14-19-4-1E
API Well Number: 43047508690000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 3/1/2010

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 R649-3-3. 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

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

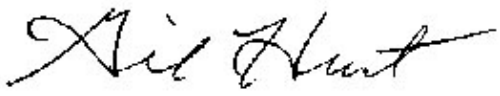
Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- 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:



Gil Hunt
Associate Director, Oil & Gas

API Well No: 43047508690000

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Welch 14-19-4-1E

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047508690000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1022 FSL 2067 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 19 Township: 04.0S Range: 01.0E Meridian: U

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/26/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: APD CHANGE

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

Newfield requests to amend the proposed depth for the Welch 14-19-4-1E from 6695' to 6945'. The new proposed depth will be 250' deeper than originally permitted. The change is necessary to give enough space for the rathole in order to complete the Basal Carbonate without having to drill out cement. The remainder of the APD will remain the same.

Approved by the Utah Division of Oil, Gas and Mining

Date: May 05, 2010

By: Dustin Doucet

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 4/26/2010

RECEIVED April 26, 2010

API Well No: 43047508690000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
WELCH 14-19-4-1E

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43047508690000

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

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1022 FSL 2067 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 19 Township: 04.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/22/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: APD Amendment

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

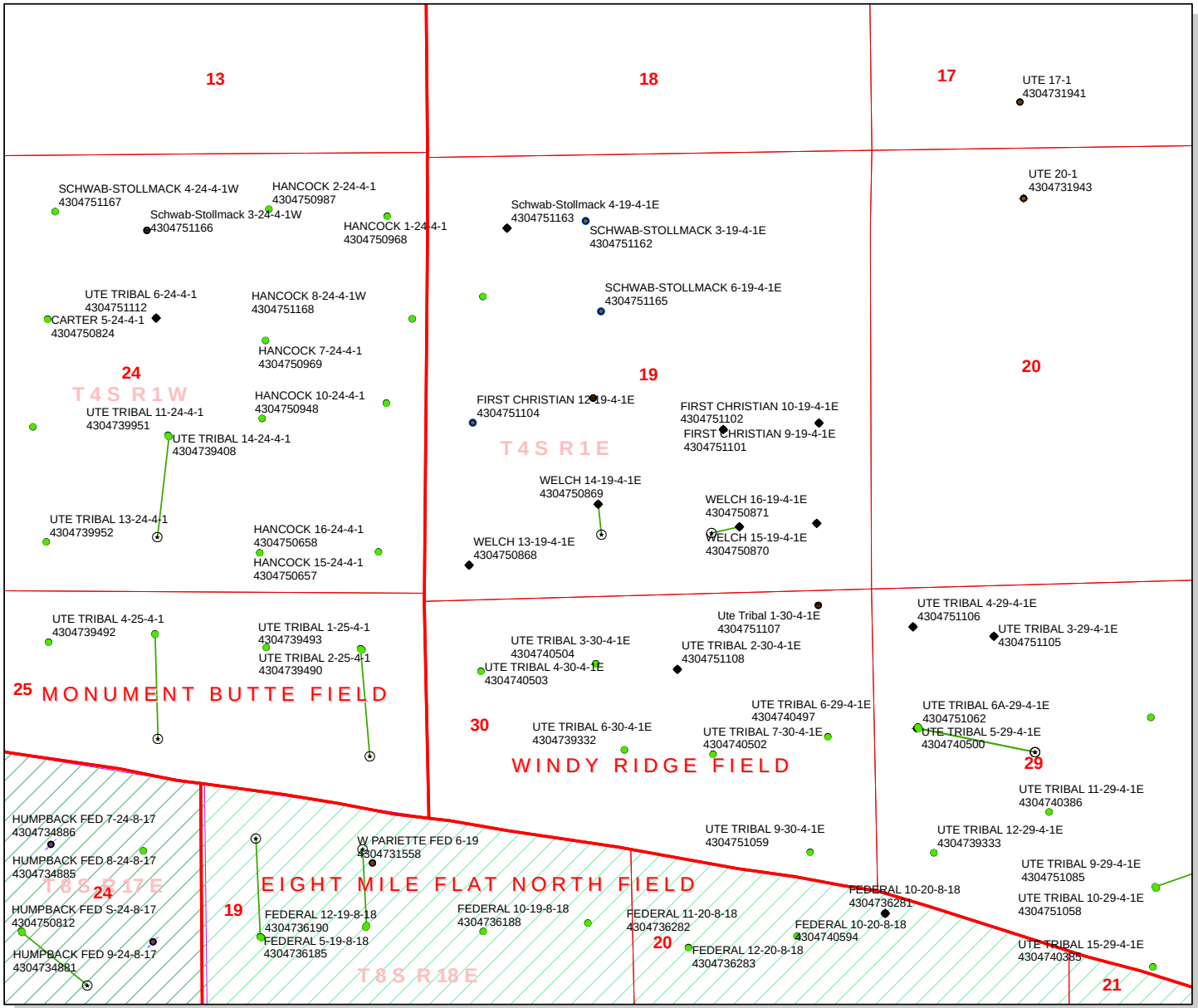
Newfield is proposing that this well be drilled directionaly in order to keep the above mentioned well within the drilling window. Attached is the new plat page, directional drill plan, drilling program, and well pad interferance plat reflecting this change.

Approved by the Utah Division of Oil, Gas and Mining

Date: 02/23/2011

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE		**DATE**
N/A		11/22/2010



API Number: 4304750869

Well Name: WELCH 14-19-4-1E

Township 04.0 S Range 01.0 E Section 19

Meridian: UBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

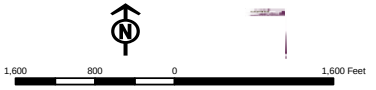
Units

STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
- Sections
- Township
- Bottom Hole Location - AGRC

Wells Query
- <all other values>

Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well



1:15,030

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: Fee	6. SURFACE: Fee
7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
8. UNIT or CA AGREEMENT NAME: NA	
9. WELL NAME and NUMBER: Welch 14-19-4-1E	
10. FIELD AND POOL, OR WILDCAT: Undesignated	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 19 4S 1E	
12. COUNTY: Uintah	13. STATE: UTAH

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐

2. NAME OF OPERATOR: Newfield Production Company

3. ADDRESS OF OPERATOR: Route #3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER: (435) 646-3721

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: SE/SW 1022' FSL 2067' FWL
AT PROPOSED PRODUCING ZONE: SE/SW 650' FSL 2100' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 13.7 miles southeast of Myton, Utah

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): Approx. 650' f/lse line, NA' f/unit line	16. NUMBER OF ACRES IN LEASE: NA	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): Approx. 1205'	19. PROPOSED DEPTH: 6,936	20. BOND DESCRIPTION: #B001834
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4993' GL	22. APPROXIMATE DATE WORK WILL START: 4th Qtr. 2011	23. ESTIMATED DURATION: (7) days from SPUD to rig release

24 **PROPOSED CASING AND CEMENTING PROGRAM**

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	400	Class G w/2% CaCl	155 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55	15.5	6,936	Lead(Prem Lite II)	275 sx +/-	3.26	11.0
					Tail (50/50 Poz)	450 sx +/-	1.24	14.3

25 **ATTACHMENTS**

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
☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

SIGNATURE Mandie Crozier DATE 11/22/10

(This space for State use only)

API NUMBER ASSIGNED: _____ APPROVAL

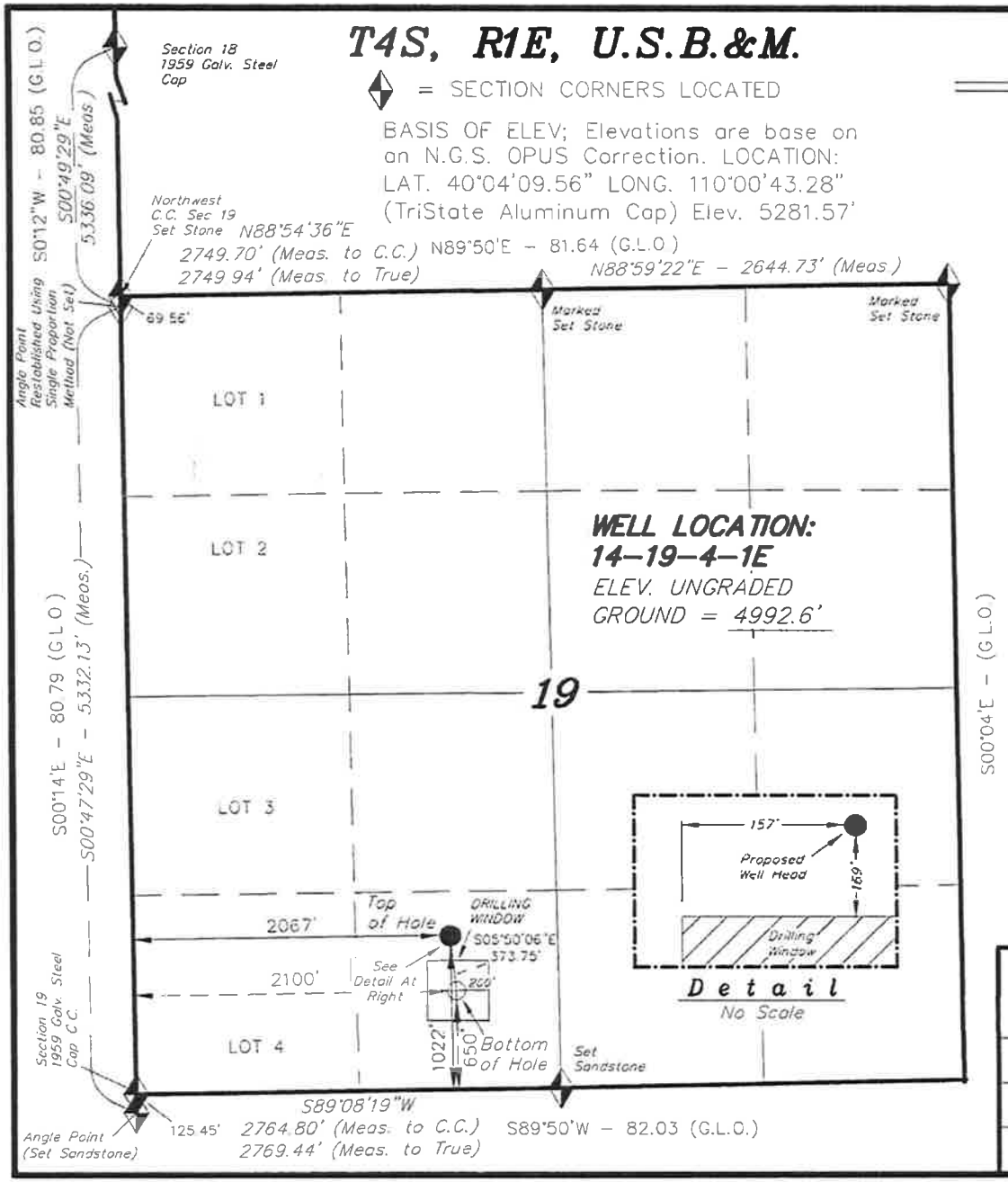
(11/2001) (See Instructions on Reverse Side)

RECEIVED November 22, 2010

T4S, R1E, U.S.B.&M.

◆ = SECTION CORNERS LOCATED

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



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 14-19-4-1E, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 19, T4S, R1E, U.S.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, 14-19-4-1E, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 19, T4S, R1E, U.S.B.&M. UINTAH COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

14-19-4-1E
(Surface Location) NAD 83
LATITUDE = 40° 06' 57.72"
LONGITUDE = 109° 55' 41.23"

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 189377
STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO.
STATE OF UTAH

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

DATE SURVEYED: 11-20-09	SURVEYED BY: T.P.
DATE DRAWN: 11-30-09	DRAWN BY: F.T.M.
REVISED: 11-15-10 - M.W.	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
WELCH 14-19-4-1E
SE/SW SECTION 19, T4S, R1E
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 – 1,975'
Green River	1,975'
Wasatch	6,695'
Proposed TD	**6,936'**

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

Green River Formation (Oil) 1,975' – 6,695'

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)

RECEIVED November 22, 2010

4. ***PROPOSED CASING PROGRAM***

a. **Casing Design: Welch 14-19-4-1E**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	400'	24.0	J-55	STC	2,950 13.15	1,370 10.77	244,000 25.42
Prod casing 5-1/2"	0'	6,936'	15.5	J-55	LTC	4,810 2.18	4,040 1.83	217,000 2.02

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: Welch 14-19-4-1E**

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	400'	Class G w/ 2% CaCl	183 215	30%	15.8	1.17
Prod casing Lead	4,936'	Prem Lite II w/ 10% gel + 3% KCl	341 1112	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*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:

RECEIVED November 22, 2010

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 @ 400' +/-, 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.

RECEIVED November 22, 2010

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.

RECEIVED November 22, 2010

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 19 T4S, R1E
14-19-4-1E

Wellbore #1

Plan: Design #1

Standard Planning Report

22 February, 2011

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 14-19-4-1E
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	14-19-4-1E @ 5004.6ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	14-19-4-1E @ 5004.6ft (Original Well Elev)
Site:	SECTION 19 T4S, R1E	**North Reference:**	True
Well:	14-19-4-1E	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 19 T4S, R1E				
Site Position:		**Northing:**	7,216,400.00 ft	**Latitude:**	40° 7' 16.243 N
From:	Map	**Easting:**	2,061,000.00 ft	**Longitude:**	109° 59' 45.328 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.96 °

Well	14-19-4-1E, SHL LAT: LONG: 40°06'57.72, LONG: -109°55'41.23				
Well Position	**+N/-S**	-1,881.4 ft	**Northing:**	7,214,852.09 ft	**Latitude:**	40° 6' 57.720 N
	+E/-W	18,961.2 ft	**Easting:**	2,079,991.32 ft	**Longitude:**	109° 55' 41.230 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,004.6 ft	**Ground Level:**	4,992.6 ft

Wellbore	Wellbore #1			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2010/11/20	11.34	65.89	52,388

Design	Design #1			
Audit Notes:				
Version:	**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	174.17

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
846.8	3.70	174.17	846.6	-7.9	0.8	1.50	1.50	0.00	174.17	
6,512.0	3.70	174.17	6,500.0	-371.8	38.0	0.00	0.00	0.00	0.00	14-19-4-1E TGT

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 14-19-4-1E
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	14-19-4-1E @ 5004.6ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	14-19-4-1E @ 5004.6ft (Original Well Elev)
Site:	SECTION 19 T4S, R1E	**North Reference:**	True
Well:	14-19-4-1E	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	174.17	700.0	-1.3	0.1	1.3	1.50	1.50	0.00
800.0	3.00	174.17	799.9	-5.2	0.5	5.2	1.50	1.50	0.00
846.8	3.70	174.17	846.6	-7.9	0.8	8.0	1.50	1.50	0.00
900.0	3.70	174.17	899.7	-11.4	1.2	11.4	0.00	0.00	0.00
1,000.0	3.70	174.17	999.5	-17.8	1.8	17.9	0.00	0.00	0.00
1,100.0	3.70	174.17	1,099.3	-24.2	2.5	24.3	0.00	0.00	0.00
1,200.0	3.70	174.17	1,199.1	-30.6	3.1	30.8	0.00	0.00	0.00
1,300.0	3.70	174.17	1,298.9	-37.0	3.8	37.2	0.00	0.00	0.00
1,400.0	3.70	174.17	1,398.7	-43.5	4.4	43.7	0.00	0.00	0.00
1,500.0	3.70	174.17	1,498.5	-49.9	5.1	50.1	0.00	0.00	0.00
1,600.0	3.70	174.17	1,598.3	-56.3	5.7	56.6	0.00	0.00	0.00
1,700.0	3.70	174.17	1,698.0	-62.7	6.4	63.1	0.00	0.00	0.00
1,800.0	3.70	174.17	1,797.8	-69.2	7.1	69.5	0.00	0.00	0.00
1,900.0	3.70	174.17	1,897.6	-75.6	7.7	76.0	0.00	0.00	0.00
2,000.0	3.70	174.17	1,997.4	-82.0	8.4	82.4	0.00	0.00	0.00
2,100.0	3.70	174.17	2,097.2	-88.4	9.0	88.9	0.00	0.00	0.00
2,200.0	3.70	174.17	2,197.0	-94.9	9.7	95.3	0.00	0.00	0.00
2,300.0	3.70	174.17	2,296.8	-101.3	10.3	101.8	0.00	0.00	0.00
2,400.0	3.70	174.17	2,396.6	-107.7	11.0	108.3	0.00	0.00	0.00
2,500.0	3.70	174.17	2,496.4	-114.1	11.7	114.7	0.00	0.00	0.00
2,600.0	3.70	174.17	2,596.2	-120.5	12.3	121.2	0.00	0.00	0.00
2,700.0	3.70	174.17	2,696.0	-127.0	13.0	127.6	0.00	0.00	0.00
2,800.0	3.70	174.17	2,795.8	-133.4	13.6	134.1	0.00	0.00	0.00
2,900.0	3.70	174.17	2,895.5	-139.8	14.3	140.5	0.00	0.00	0.00
3,000.0	3.70	174.17	2,995.3	-146.2	14.9	147.0	0.00	0.00	0.00
3,100.0	3.70	174.17	3,095.1	-152.7	15.6	153.4	0.00	0.00	0.00
3,200.0	3.70	174.17	3,194.9	-159.1	16.2	159.9	0.00	0.00	0.00
3,300.0	3.70	174.17	3,294.7	-165.5	16.9	166.4	0.00	0.00	0.00
3,400.0	3.70	174.17	3,394.5	-171.9	17.6	172.8	0.00	0.00	0.00
3,500.0	3.70	174.17	3,494.3	-178.4	18.2	179.3	0.00	0.00	0.00
3,600.0	3.70	174.17	3,594.1	-184.8	18.9	185.7	0.00	0.00	0.00
3,700.0	3.70	174.17	3,693.9	-191.2	19.5	192.2	0.00	0.00	0.00
3,800.0	3.70	174.17	3,793.7	-197.6	20.2	198.6	0.00	0.00	0.00
3,900.0	3.70	174.17	3,893.5	-204.0	20.8	205.1	0.00	0.00	0.00
4,000.0	3.70	174.17	3,993.2	-210.5	21.5	211.6	0.00	0.00	0.00
4,100.0	3.70	174.17	4,093.0	-216.9	22.1	218.0	0.00	0.00	0.00
4,200.0	3.70	174.17	4,192.8	-223.3	22.8	224.5	0.00	0.00	0.00
4,300.0	3.70	174.17	4,292.6	-229.7	23.5	230.9	0.00	0.00	0.00
4,400.0	3.70	174.17	4,392.4	-236.2	24.1	237.4	0.00	0.00	0.00
4,500.0	3.70	174.17	4,492.2	-242.6	24.8	243.8	0.00	0.00	0.00
4,600.0	3.70	174.17	4,592.0	-249.0	25.4	250.3	0.00	0.00	0.00
4,700.0	3.70	174.17	4,691.8	-255.4	26.1	256.8	0.00	0.00	0.00
4,800.0	3.70	174.17	4,791.6	-261.9	26.7	263.2	0.00	0.00	0.00
4,900.0	3.70	174.17	4,891.4	-268.3	27.4	269.7	0.00	0.00	0.00
5,000.0	3.70	174.17	4,991.2	-274.7	28.0	276.1	0.00	0.00	0.00
5,100.0	3.70	174.17	5,091.0	-281.1	28.7	282.6	0.00	0.00	0.00
5,200.0	3.70	174.17	5,190.7	-287.5	29.4	289.0	0.00	0.00	0.00

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 14-19-4-1E
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	14-19-4-1E @ 5004.6ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	14-19-4-1E @ 5004.6ft (Original Well Elev)
Site:	SECTION 19 T4S, R1E	**North Reference:**	True
Well:	14-19-4-1E	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	3.70	174.17	5,290.5	-294.0	30.0	295.5	0.00	0.00	0.00
5,400.0	3.70	174.17	5,390.3	-300.4	30.7	301.9	0.00	0.00	0.00
5,500.0	3.70	174.17	5,490.1	-306.8	31.3	308.4	0.00	0.00	0.00
5,600.0	3.70	174.17	5,589.9	-313.2	32.0	314.9	0.00	0.00	0.00
5,700.0	3.70	174.17	5,689.7	-319.7	32.6	321.3	0.00	0.00	0.00
5,800.0	3.70	174.17	5,789.5	-326.1	33.3	327.8	0.00	0.00	0.00
5,900.0	3.70	174.17	5,889.3	-332.5	34.0	334.2	0.00	0.00	0.00
6,000.0	3.70	174.17	5,989.1	-338.9	34.6	340.7	0.00	0.00	0.00
6,100.0	3.70	174.17	6,088.9	-345.4	35.3	347.1	0.00	0.00	0.00
6,200.0	3.70	174.17	6,188.7	-351.8	35.9	353.6	0.00	0.00	0.00
6,300.0	3.70	174.17	6,288.5	-358.2	36.6	360.1	0.00	0.00	0.00
6,400.0	3.70	174.17	6,388.2	-364.6	37.2	366.5	0.00	0.00	0.00
6,500.0	3.70	174.17	6,488.0	-371.0	37.9	373.0	0.00	0.00	0.00
6,512.0	3.70	174.17	6,500.0	-371.8	38.0	373.7	0.00	0.00	0.00
14-19-4-1E TGT									

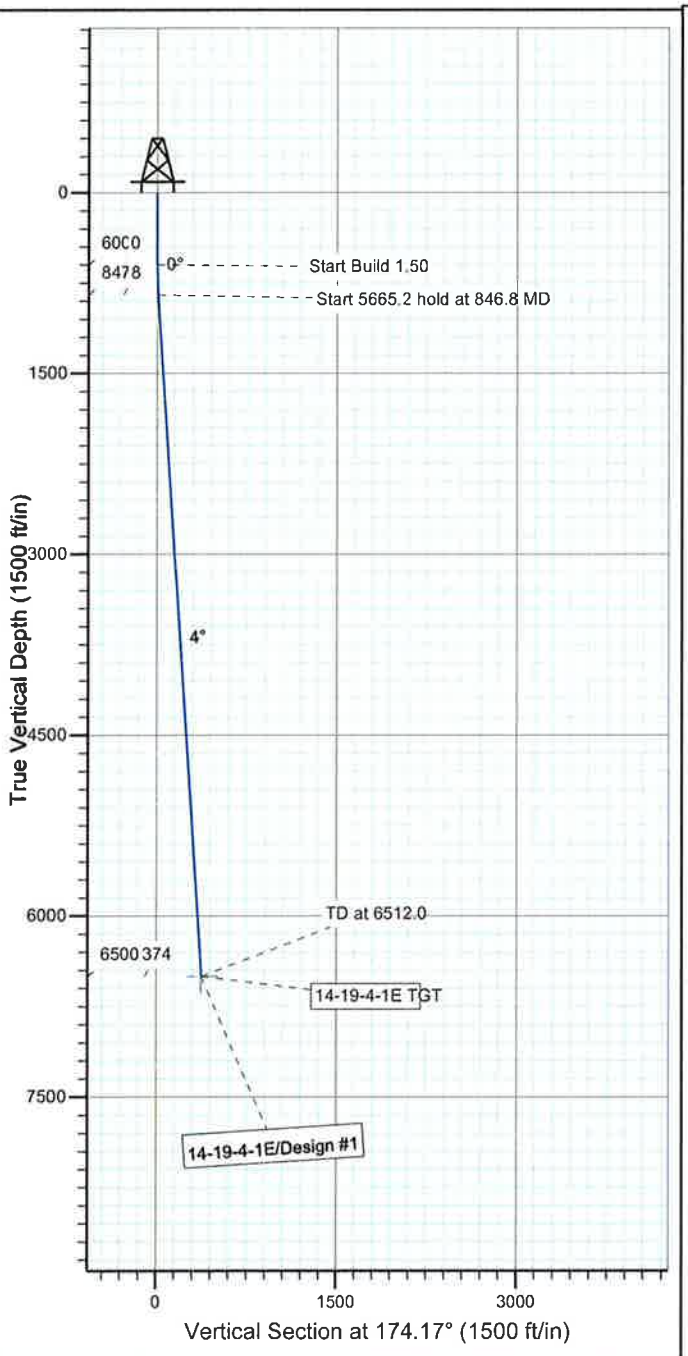
NEWFIELD

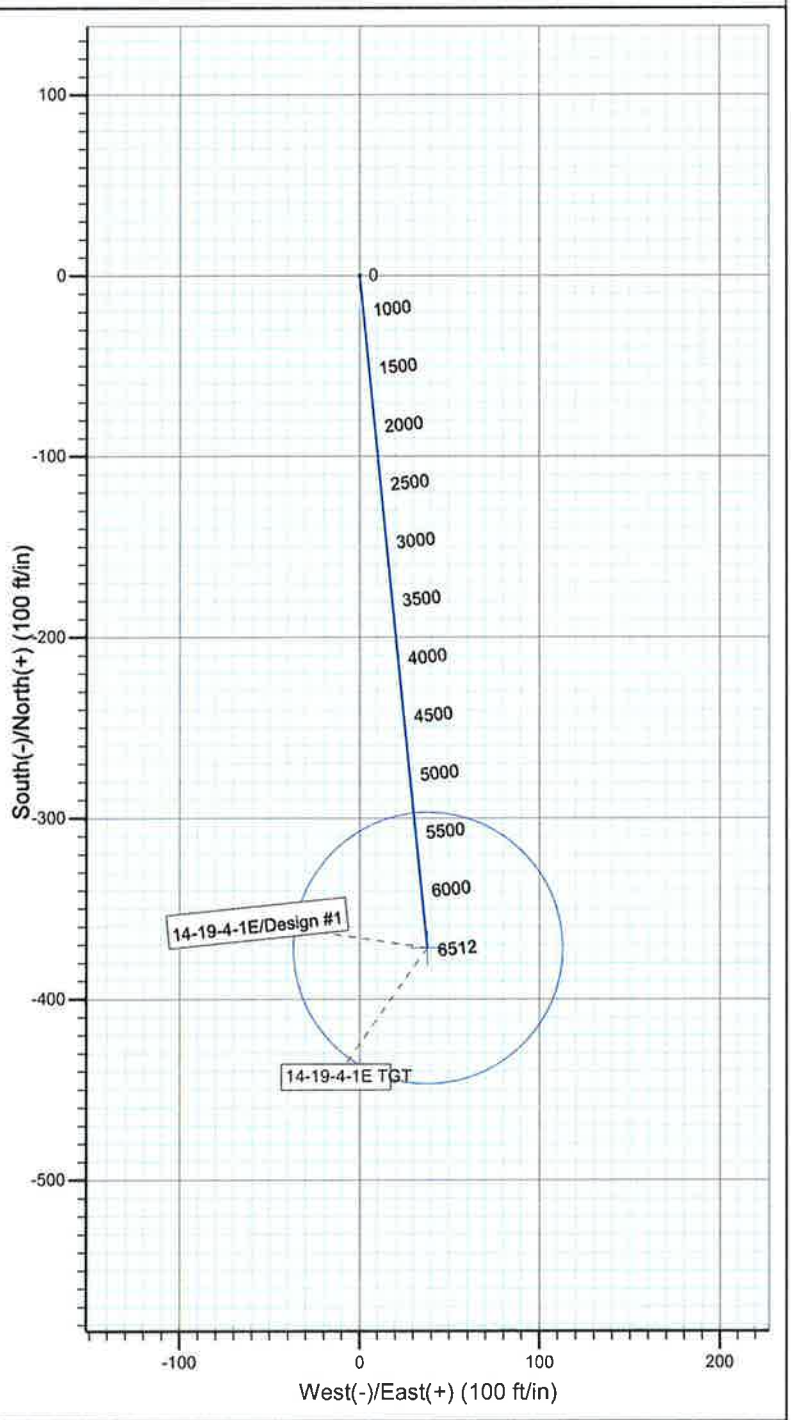
Project: USGS Myton SW (UT)
Site: SECTION 19 T4S, R1E
Well: 14-19-4-1E
Wellbore: Wellbore #1
Design: Design #1

Azimuths to True North
Magnetic North: 11.34°

Magnetic Field
Strength: 52388.3snT
Dip Angle: 65.89°
Date: 2010/11/20
Model: IGRF2010

KOP @ 600'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
14-19-4-1E TGT	6500.0	-371.8	38.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	846.8	3.70	174.17	846.6	-7.9	0.8	1.50	174.17	8.0	
4	6512.0	3.70	174.17	6500.0	-371.8	38.0	0.00	0.00	373.7	14-19-4-1E TGT

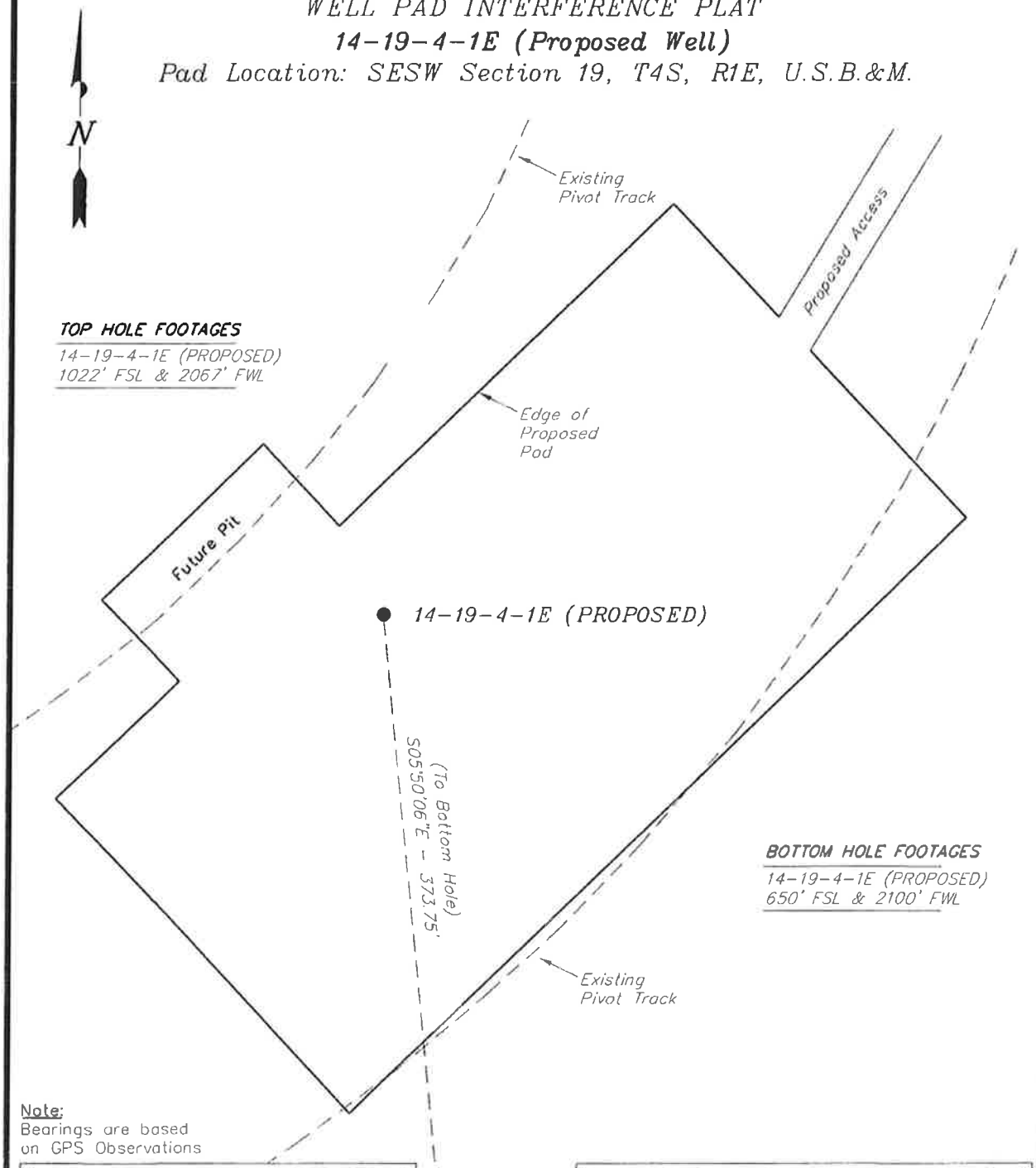
PAYZONE DIRECTIONAL

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

14-19-4-1E (Proposed Well)

Pad Location: SESW Section 19, T4S, R1E, U.S.B.&M.



Note:
Bearings are based on GPS Observations

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
14-19-4-1E	-372'	38'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
14-19-4-1E	40° 06' 57.72"	109° 55' 41.23"

SURVEYED BY:	T.P.	DATE SURVEYED:	11-20-09
DRAWN BY:	M.W.	DATE DRAWN:	11-15-10
SCALE:	1" = 50'	REVISED:	

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

RECEIVED November 22, 2010

API Well No: 43047508690000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
WELCH 14-19-4-1E

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43047508690000

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

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1022 FSL 2067 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 19 Township: 04.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 3/1/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SPUD REPORT Date of Spud:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ DRILLING REPORT Report Date:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Newfield proposes to extend the Application for Permit to Drill this well for one year.

Approved by the Utah Division of Oil, Gas and Mining

Date: 02/23/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE		**DATE**
N/A		2/22/2011

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047508690000

API: 43047508690000
Well Name: WELCH 14-19-4-1E
Location: 1022 FSL 2067 FWL QTR SESW SEC 19 TWNP 040S RNG 010E MER U
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 3/1/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Mandie Crozier **Date:** 2/22/2011
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED Feb. 22, 2011

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 Welch 14-19-4-1E
Qtr/Qtr SE/SW Section 19 Township 4S Range 1E
Lease Serial Number FEE
API Number 43-047-50869

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

Date/Time 4/4/2011 8:00 AM ☒ PM ☐

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

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 4/4/2011 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

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18016	4304751295	UTE TRIBAL 13-11-4-1E	SWSW	11	4S	1E	UINTAH	4/4/2011	4/25/11

WELL 1 COMMENTS:
GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18017	4304750869	WELCH 14-19-4-1E	SESW	19	4S	1E	UINTAH	4/4/2011	4/25/11

GRRV BHL= SESW

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
A	99999	18018	4304751296	UTE TRIBAL 15-11-4-1E	SWSE	11	4S	1E	UINTAH	4/1/2011	4/25/11

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	18019	4304751294	UTE TRIBAL 7-11-4-1E	SWNE	11	4S	1E	UINTAH	4/12/2011	4/25/11

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

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

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

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APR 12 2011
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
04/12/11

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

5. LEASE DESIGNATION AND SERIAL NUMBER: MON BUTTE EDA 20G0005609

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 [X] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: WELCH 14-19-4-1E

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4304750869

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: , 19, T4S, R1E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
05/03/2011	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] 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 5-3-2011, attached is a daily completion status report.

RECEIVED
MAY 10 2011
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jennifer Peatross TITLE Production Technician

SIGNATURE Jennifer Peatross DATE 05/04/2011

(This space for State use only)

Daily Activity Report

Format For Sundry

WELCH 14-19-4-1E

2/1/2011 To 6/30/2011

4/26/2011 Day: 1 **Completion**

Rigless on 4/26/2011 - Ran CBL. Tagged cement high. Could not perforate 1st stage. SIWFN w/ 155 BWTR. - NU Cameron BOP's. RU Hot oiler & test casing, WH head, Casing valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6531' w/ TOC @ 338'. Cement to high to perforate 1st stage. RD WLT & Hot Oiler. SIWFN w/ 156 BWTR. - NU Cameron BOP's. RU Hot oiler & test casing, WH head, Casing valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6531' w/ TOC @ 338'. Cement to high to perforate 1st stage. RD WLT & Hot Oiler. SIWFN w/ 156 BWTR. - MIRU Stone #8. NU washington head. Talley, PU & RIH w/ 4 3/4" rock bit & 2 7/8" J-55 tbg. Tagged cement @ 6540'. RU Nabor power swivel. Drill out cement to 6750'. Circulate well. SIWFN w/ 155 BWTR. - MIRU Stone #8. NU washington head. Talley, PU & RIH w/ 4 3/4" rock bit & 2 7/8" J-55 tbg. Tagged cement @ 6540'. RU Nabor power swivel. Drill out cement to 6750'. Circulate well. SIWFN w/ 155 BWTR.
Daily Cost: $0
Cumulative Cost: $17,088

4/27/2011 Day: 3 **Completion**

Stone #8 on 4/27/2011 - C/O to PBTD. Circulate well clean. POOH w/ tbg. Perf well. SWIFN. - RU BJ Services. Frac CP4/CP1/CP.5 sds as shown in stimulation report. 1272 BWTR. - RU The Perforators. Perf C/D3/D2 sds as shown in perforation report. RU BJ Services. Frac C/D3/D2 sds as shown in stimulation report. 1951 BWTR. - RU The Perforators. Perf PB7/GB4 as shown in perforation report. RU BJ Services. Frac PB7/GB4 sds as shown in stimulation report. 2828 BWTR. RD frac crew. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 3.5 hrs & died. Recovered 350 bbls. SWIFN. 2478 BWTR. - RU The Perforators. Perf PB7/GB4 as shown in perforation report. RU BJ Services. Frac PB7/GB4 sds as shown in stimulation report. 2828 BWTR. RD frac crew. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 3.5 hrs & died. Recovered 350 bbls. SWIFN. 2478 BWTR. - RU The Perforators. Perf C/D3/D2 sds as shown in perforation report. RU BJ Services. Frac C/D3/D2 sds as shown in stimulation report. 1951 BWTR. - RU BJ Services. Frac CP4/CP1/CP.5 sds as shown in stimulation report. 1272 BWTR. - Cont. DU cement to PBTD @ --'. Circulate well clean. POOH w/ tbg. RU The Perforators wireline. Perf CP4/CP1/CP.5 sds as shown in perforation report. SWIFN. - Cont. DU cement to PBTD @ --'. Circulate well clean. POOH w/ tbg. RU The Perforators wireline. Perf CP4/CP1/CP.5 sds as shown in perforation report. SWIFN.
Daily Cost: $0
Cumulative Cost: $35,791

4/29/2011 Day: 5 **Completion**

Stone #8 on 4/29/2011 - ND Cameron. NU Schaeffer. RIH w/ tbg. DU CBPs. C/O to PBTD. Swab. - ND Cameron BOP. NU Schaeffer BOP. RIH w/ chomp bit, bit sub & new 2 7/8" tbg. from pipe racks (tallying & drifting). Tag fill @ 4915'. RU powerswivel & pump. C/O to CBP @ 5110'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag CBP @ 5700'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 6626'. C/O to PBTD @ 6905'. Circulate well clean. Pull up to 6790'. RIH w/ swab. SFL @ surface. Made 7 runs. Recovered 80 bbls. Heavy sand. Trace of oil. SWIFN. 2298 BWTR.

Daily Cost: $0
Cumulative Cost: $146,278

5/2/2011 Day: 6 **Completion**

Stone #8 on 5/2/2011 - Cont. swabbing. Round trip tbg. ND BOP. Set TAC @ 6412' w/ 18,000# tension. NU wellhead. SWIFN. - Csg. @ 650 psi, tbg. @ 575 psi. Bleed off well. Flowed back 30 bbls. RIH w/ swab. SFL @ surface. Made 11 runs. Recovered 125 bbls. Small show of sand. 10% oil cut. EFL @ 500'. RD swab. RIH w/ tbg. Tag fill @ 6888'. C/O to PBTD @ 6905'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ production string. ND BOP. Set TAC @ 6412' w/ 18,000# tension. NU wellhead. X-over for rods. SWIFN. 2093 BWTR.
Daily Cost: $0
Cumulative Cost: $193,996

5/3/2011 Day: 7 **Completion**

Stone #8 on 5/3/2011 - RIH w/ rods. PWOP @ 4:30 p.m. 72" stroke length, 5 spm. Final Report. 2950 BWTR. - Csg. @ 250 psi, tbg. @ 250 psi. Bleed off well. Flush tbg. w/ 50 bbls water. RIH w/ pump & rod string. Seat pump. Stroke test to 800 psi. Good pump action. RU pumping unit. Hang off rods. RD. PWOP @ 4:30 p.m. 72" stroke length, 5 spm. Final Report. 2950 BWTR. **Finalized**
Daily Cost: $0
Cumulative Cost: $228,627

Pertinent Files: Go to File List

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 418.82

LAST CASING 14" SET AT 10
DATUM 10
DATUM TO CUT OFF CASING 10
DATUM TO BRADENHEAD FLANGE 10
TD DRILLER 415 LOGGER
HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
WELL WELCH 14-19-4-1E
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # Ross Rig #26

T04S R01E S-19
43-049-50869

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		wellhead				A	1.42
10	8 5/8"	casing (shoe jt 40.95)	24	J-55	STC	A	408.5
1	8 5/8"	guide shoe				A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	410.82	10
LESS NON CSG. ITEMS	2.32	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	408.5	10
TOTAL CSG. DEL. (W/O THRDS)		
TIMING		
BEGIN RUN CSG. Spud	4:00 PM	4/4/2011
CSG. IN HOLE	6:00 PM	4/4/2011
BEGIN CIRC	8:40 AM	4/5/2011
BEGIN PUMP CMT	8:50 AM	4/5/2011
BEGIN DSPL. CMT	9:03 AM	4/5/2011
PLUG DOWN	**9:18 AM**	**4/5/2011**

TOTAL LENGTH OF STRING	410.82
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	10
CASING SET DEPTH	**418.82**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 7
RECIPROCATED PIPI No

BUMPED PLUG TO 181

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CEMENT USED		CEMENT COMPANY- **BJ Services**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	215	Class "G"+2%CaCl Mixed@ 15.8ppg W/1.17 yield returned 7bbls to pit
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle of first, top of second and third for a total of three.		

COMPANY REPRESENTATIVE **Cheyenne Bateman** DATE

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:	MON BUTTE EDA 20G0005609
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: WELCH 14-19-4-1E
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4304750869
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: , 19, T4S, R1E	STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of Work Completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
04/06/2011	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Spud Notice
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

On 4/4/11 MIRU Ross #29. Spud well @11:00 AM. Drill 415' of 12 1/4" hole with air mist. TIH W/ 10 Jt's 8 5/8" J-55 24# csgn. Set @ 418.82. On 4/5/11 cement with 215 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 7 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Branden Arnold TITLE

SIGNATURE B d Hall DATE 06/16/2011

(This space for State use only)

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JUN 20 2011
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT **418.82**

LAST CASING **14"** SET AT **10**
DATUM **10**
DATUM TO CUT OFF CASING **10**
DATUM TO BRADENHEAD FLANGE **10**
TD DRILLER **415** LOGGER
HOLE SIZE **12 1/4"**

OPERATOR **Newfield Exploration Company**
WELL **WELCH 14-19-4-1E**
FIELD/PROSPECT **Monument Butte**
CONTRACTOR & RIG # **Ross Rig #26**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		wellhead				A	1.42
10	8 5/8"	casing (shoe jt 40.95)	24	J-55	STC	A	408.5
1	8 5/8"	guide shoe				A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	410.82	10
LESS NON CSG. ITEMS	2.32	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	408.5	10
TOTAL CSG. DEL. (W/O THRDS)		
TIMING		
BEGIN RUN CSG. Spud	4:00 PM	4/4/2011
CSG. IN HOLE	6:00 PM	4/4/2011
BEGIN CIRC	8:40 AM	4/5/2011
BEGIN PUMP CMT	8:50 AM	4/5/2011
BEGIN DSPL. CMT	9:03 AM	4/5/2011
PLUG DOWN	**9:18 AM**	**4/5/2011**

TOTAL LENGTH OF STRING	410.82
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	10
CASING SET DEPTH	**418.82**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 7
RECIPROCATED PIPI No

BUMPED PLUG TO 181

CEMENT USED		CEMENT COMPANY- **BJ Services**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	215	Class "G"+2%CaCl Mixed@ 15.8ppg W/1.17 yield returned 7bbls to pit

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Middle of first, top of second and third for a total of three.	

COMPANY REPRESENTATIVE **Cheyenne Bateman** DATE

Form 3160-4
(August 2007)

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

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

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.:

2. Name of Operator: NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.: WELCH 14-19-4-1E

3. Address: 1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. *(include area code)*: (435) 646-3721

9. AFI Well No.: 43-047-50869

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 1022' FSL & 2067' FWL (SE/SW) SEC. 19, T4S, R1E

10. Field and Pool or Exploratory: UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area: SEC. 19, T4S, R1E

At top prod. interval reported below: 904' FSL & 2097' FWL (SE/SW) SEC. 19, T4S, R1E

At total depth: 859' FSL & 2146' FWL (SE/SW) SEC. 19, T4S, R1E

1989 FWL

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: 04/04/2011

15. Date T.D. Reached: 04/12/2011

16. Date Completed: ☐ D & A ☑ Ready to Prod. 05/02/2011

17. Elevations (DF, RKB, RT, GL)*: 4993' GL 5005' KB

18. Total Depth: MD 6945' TVD 6942'

19. Plug Back T.D.: MD 6905' TVD 6902

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	415'		215 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6924'		300 PRIMLITE		338'	
						445 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@ 6504'	TA @ 6412'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4907'	6423'	4907-6423'	.36"	114	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4907-6423'	Frac w/ 349103#s 20/40 sand in 2160 bbls of Lightning 17 fluid in 3 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
5/6/11	5/20/11	24	→	63	5	34			2-1/2" x 1-1/2" x 24' 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)

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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.)*

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	4907'	6423'		GARDEN GULCH MRK	4379'
				GARDEN GULCH 1	4563'
				GARDEN GULCH 2	4682'
				POINT 3	4975'
				X MRKR	5198'
				Y MRKR	5237'
				DOUGLAS CREEK MRK	5378'
				BI CARBONATE MRK	5701'
				B LIMESTONE MRK	5817'
				CASTLE PEAK	6182'
				BASAL CARBONATE	6564'
				WASATCH	6685'

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 Jpeatross Date 06/23/2011

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.

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 19 T4S, R1E
14-19-4-1E

Wellbore #1

Design: Actual

Standard Survey Report

18 April, 2011

NEWFIELD

PayZone Directional Services, LLC.

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 14-19-4-1E
Project:	USGS Myton SW (UT)	**TVD Reference:**	14-19-4-1E @ 5004.6ft (Newfield Rig #1)
Site:	SECTION 19 T4S, R1E	**MD Reference:**	14-19-4-1E @ 5004.6ft (Newfield Rig #1)
Well:	14-19-4-1E	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 19 T4S, R1E				
Site Position:		**Northing:**	7,216,400.00 ft	**Latitude:**	40° 7' 16.243 N
From:	Map	**Easting:**	2,061,000.00 ft	**Longitude:**	109° 59' 45.328 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.96 °

Well	14-19-4-1E, SHL LAT: LONG: 40°06'57.72, LONG: -109°55'41.23					
Well Position	**+N/-S**	0.0 ft	**Northing:**	7,214,852.09 ft	**Latitude:**	40° 6' 57.720 N
	+E/-W	0.0 ft	**Easting:**	2,079,991.32 ft	**Longitude:**	109° 55' 41.230 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,004.6 ft	**Ground Level:**	4,992.6 ft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2010/11/20	11.34	65.89	52,388

Design	Actual					
Audit Notes:						
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0	
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**		
	0.0	0.0	0.0	174.17		

Survey Program **Date** 2011/04/18

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
431.0	6,945.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
431.0	0.20	78.40	431.0	0.2	0.7	-0.1	0.05	0.05	0.00
462.0	0.31	211.40	462.0	0.1	0.7	0.0	1.52	0.35	429.03
493.0	0.57	206.52	493.0	-0.1	0.6	0.2	0.85	0.84	-15.74
523.0	0.53	206.21	523.0	-0.4	0.5	0.4	0.13	-0.13	-1.03
554.0	0.70	194.43	554.0	-0.7	0.4	0.7	0.68	0.55	-38.00
584.0	0.62	201.82	584.0	-1.0	0.3	1.0	0.39	-0.27	24.63
615.0	0.70	206.43	615.0	-1.3	0.1	1.4	0.31	0.26	14.87
646.0	0.70	201.24	646.0	-1.7	0.0	1.7	0.20	0.00	-16.74
676.0	0.57	201.29	676.0	-2.0	-0.1	2.0	0.43	-0.43	0.17
706.0	0.57	201.29	706.0	-2.3	-0.2	2.2	0.00	0.00	0.00
737.0	0.75	208.34	737.0	-2.6	-0.4	2.5	0.64	0.58	22.74
768.0	0.70	203.35	768.0	-3.0	-0.6	2.9	0.26	-0.16	-16.10

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 14-19-4-1E
Project:	USGS Myton SW (UT)	**TVD Reference:**	14-19-4-1E @ 5004.6ft (Newfield Rig #1)
Site:	SECTION 19 T4S, R1E	**MD Reference:**	14-19-4-1E @ 5004.6ft (Newfield Rig #1)
Well:	14-19-4-1E	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
798.0	0.75	200.32	798.0	-3.3	-0.7	3.2	0.21	0.17	-10.10
829.0	0.75	202.35	829.0	-3.7	-0.9	3.6	0.09	0.00	6.55
859.0	0.62	193.86	859.0	-4.0	-1.0	3.9	0.55	-0.43	-28.30
890.0	0.75	205.86	890.0	-4.4	-1.1	4.2	0.62	0.42	38.71
921.0	0.70	205.11	921.0	-4.7	-1.3	4.6	0.16	-0.16	-2.42
951.0	0.75	204.45	951.0	-5.1	-1.4	4.9	0.17	0.17	-2.20
981.0	0.79	206.52	981.0	-5.4	-1.6	5.2	0.16	0.13	6.90
1,012.0	0.75	198.52	1,012.0	-5.8	-1.8	5.6	0.37	-0.13	-25.81
1,043.0	0.66	188.19	1,043.0	-6.2	-1.8	6.0	0.50	-0.29	-33.32
1,087.0	0.74	196.16	1,087.0	-6.7	-2.0	6.5	0.29	0.18	18.11
1,131.0	0.74	196.16	1,131.0	-7.3	-2.1	7.0	0.00	0.00	0.00
1,175.0	0.92	198.72	1,174.9	-7.9	-2.3	7.6	0.42	0.41	5.82
1,219.0	0.97	196.67	1,218.9	-8.5	-2.5	8.2	0.14	0.11	-4.66
1,263.0	1.05	204.50	1,262.9	-9.3	-2.8	8.9	0.36	0.18	17.80
1,307.0	1.05	204.36	1,306.9	-10.0	-3.1	9.6	0.01	0.00	-0.32
1,351.0	0.97	208.36	1,350.9	-10.7	-3.5	10.3	0.24	-0.18	9.09
1,395.0	0.97	203.84	1,394.9	-11.4	-3.8	10.9	0.17	0.00	-10.27
1,439.0	1.01	204.45	1,438.9	-12.1	-4.1	11.6	0.09	0.09	1.39
1,483.0	0.92	205.68	1,482.9	-12.7	-4.4	12.2	0.21	-0.20	2.80
1,527.0	0.92	207.22	1,526.9	-13.4	-4.7	12.8	0.06	0.00	3.50
1,571.0	0.92	202.91	1,570.9	-14.0	-5.0	13.4	0.16	0.00	-9.80
1,615.0	0.99	198.08	1,614.9	-14.7	-5.3	14.1	0.24	0.16	-10.98
1,659.0	0.97	196.89	1,658.9	-15.4	-5.5	14.8	0.06	-0.05	-2.70
1,703.0	1.05	200.41	1,702.9	-16.1	-5.8	15.5	0.23	0.18	8.00
1,747.0	1.05	193.41	1,746.9	-16.9	-6.0	16.2	0.29	0.00	-15.91
1,791.0	1.10	186.92	1,790.9	-17.7	-6.2	17.0	0.30	0.11	-14.75
1,835.0	1.19	186.13	1,834.8	-18.6	-6.3	17.9	0.21	0.20	-1.80
1,879.0	1.19	192.06	1,878.8	-19.5	-6.4	18.8	0.28	0.00	13.48
1,923.0	1.14	190.21	1,922.8	-20.4	-6.6	19.6	0.14	-0.11	-4.20
1,967.0	1.18	190.18	1,966.8	-21.3	-6.7	20.5	0.09	0.09	-0.07
2,011.0	1.10	181.78	2,010.8	-22.1	-6.8	21.3	0.42	-0.18	-19.09
2,055.0	1.10	180.50	2,054.8	-23.0	-6.8	22.2	0.06	0.00	-2.91
2,099.0	1.05	179.84	2,098.8	-23.8	-6.8	23.0	0.12	-0.11	-1.50
2,143.0	1.10	179.01	2,142.8	-24.6	-6.8	23.8	0.12	0.11	-1.89
2,187.0	1.10	175.14	2,186.8	-25.5	-6.8	24.6	0.17	0.00	-8.80
2,231.0	1.10	176.85	2,230.8	-26.3	-6.7	25.5	0.07	0.00	3.89
2,275.0	1.27	176.90	2,274.8	-27.2	-6.7	26.4	0.39	0.39	0.11
2,319.0	1.41	177.03	2,318.7	-28.2	-6.6	27.4	0.32	0.32	0.30
2,363.0	1.49	181.47	2,362.7	-29.4	-6.6	28.5	0.31	0.18	10.09
2,407.0	1.67	180.44	2,406.7	-30.6	-6.6	29.7	0.41	0.41	-2.34
2,451.0	1.66	177.47	2,450.7	-31.8	-6.6	31.0	0.20	-0.02	-6.75
2,495.0	1.67	179.67	2,494.7	-33.1	-6.6	32.3	0.15	0.02	5.00
2,539.0	1.58	181.78	2,538.7	-34.4	-6.6	33.5	0.25	-0.20	4.80
2,583.0	1.71	187.18	2,582.6	-35.6	-6.7	34.8	0.46	0.30	12.27
2,627.0	1.76	184.37	2,626.6	-37.0	-6.8	36.1	0.22	0.11	-6.39
2,671.0	1.90	182.14	2,670.6	-38.4	-6.9	37.5	0.36	0.32	-5.07
2,715.0	1.93	185.82	2,714.6	-39.8	-7.0	38.9	0.29	0.07	8.36
2,759.0	2.02	183.93	2,758.6	-41.3	-7.1	40.4	0.25	0.20	-4.30
2,803.0	2.02	182.35	2,802.5	-42.9	-7.2	41.9	0.13	0.00	-3.59
2,847.0	1.93	180.55	2,846.5	-44.4	-7.3	43.4	0.25	-0.20	-4.09
2,891.0	1.93	180.85	2,890.5	-45.9	-7.3	44.9	0.02	0.00	0.68
2,935.0	2.07	182.13	2,934.4	-47.4	-7.3	46.4	0.33	0.32	2.91
2,979.0	1.93	186.04	2,978.4	-48.9	-7.4	47.9	0.44	-0.32	8.89
3,023.0	1.80	182.50	3,022.4	-50.4	-7.5	49.3	0.39	-0.30	-8.05

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 14-19-4-1E
Project:	USGS Myton SW (UT)	**TVD Reference:**	14-19-4-1E @ 5004.6ft (Newfield Rig #1)
Site:	SECTION 19 T4S, R1E	**MD Reference:**	14-19-4-1E @ 5004.6ft (Newfield Rig #1)
Well:	14-19-4-1E	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,067.0	1.76	183.53	3,066.4	-51.7	-7.6	50.7	0.12	-0.09	2.34
3,111.0	1.76	183.31	3,110.4	-53.1	-7.7	52.0	0.02	0.00	-0.50
3,155.0	1.89	183.67	3,154.3	-54.5	-7.8	53.4	0.30	0.30	0.82
3,199.0	1.93	183.97	3,198.3	-55.9	-7.9	54.9	0.09	0.09	0.68
3,243.0	2.02	184.15	3,242.3	-57.5	-8.0	56.4	0.21	0.20	0.41
3,287.0	2.02	183.83	3,286.3	-59.0	-8.1	57.9	0.03	0.00	-0.73
3,331.0	1.93	180.72	3,330.2	-60.5	-8.1	59.4	0.32	-0.20	-7.07
3,375.0	2.02	185.07	3,374.2	-62.0	-8.2	60.9	0.40	0.20	9.89
3,419.0	1.98	187.84	3,418.2	-63.6	-8.4	62.4	0.24	-0.09	6.30
3,463.0	2.15	191.75	3,462.1	-65.1	-8.7	63.9	0.50	0.39	8.89
3,507.0	2.20	192.37	3,506.1	-66.8	-9.0	65.5	0.13	0.11	1.41
3,551.0	2.11	194.43	3,550.1	-68.4	-9.4	67.1	0.27	-0.20	4.68
3,595.0	2.15	193.69	3,594.1	-69.9	-9.8	68.6	0.11	0.09	-1.68
3,639.0	2.24	195.31	3,638.0	-71.6	-10.2	70.2	0.25	0.20	3.68
3,683.0	2.29	195.14	3,682.0	-73.3	-10.7	71.8	0.11	0.11	-0.39
3,727.0	2.37	194.65	3,726.0	-75.0	-11.1	73.5	0.19	0.18	-1.11
3,771.0	2.46	195.00	3,769.9	-76.8	-11.6	75.2	0.21	0.20	0.80
3,859.0	2.42	197.24	3,857.8	-80.4	-12.7	78.7	0.12	-0.05	2.55
3,903.0	2.45	197.74	3,901.8	-82.2	-13.2	80.4	0.08	0.07	1.14
3,947.0	2.50	196.80	3,945.8	-84.0	-13.8	82.1	0.15	0.11	-2.14
3,991.0	2.37	200.54	3,989.7	-85.7	-14.4	83.8	0.47	-0.30	8.50
4,035.0	1.76	202.03	4,033.7	-87.2	-14.9	85.3	1.39	-1.39	3.39
4,079.0	1.80	207.35	4,077.7	-88.5	-15.5	86.4	0.39	0.09	12.09
4,123.0	1.93	205.95	4,121.6	-89.7	-16.2	87.6	0.31	0.30	-3.18
4,167.0	2.02	202.43	4,165.6	-91.1	-16.8	89.0	0.34	0.20	-8.00
4,211.0	2.07	200.89	4,209.6	-92.6	-17.4	90.3	0.17	0.11	-3.50
4,255.0	2.24	201.42	4,253.6	-94.1	-18.0	91.8	0.39	0.39	1.20
4,299.0	2.33	202.74	4,297.5	-95.8	-18.6	93.4	0.24	0.20	3.00
4,343.0	2.77	203.70	4,341.5	-97.6	-19.4	95.1	1.00	1.00	2.18
4,387.0	3.12	200.28	4,385.4	-99.7	-20.2	97.1	0.89	0.80	-7.77
4,431.0	3.10	199.70	4,429.4	-101.9	-21.0	99.2	0.08	-0.05	-1.32
4,475.0	2.64	204.14	4,473.3	-103.9	-21.9	101.2	1.16	-1.05	10.09
4,519.0	1.80	213.20	4,517.3	-105.4	-22.7	102.6	2.06	-1.91	20.59
4,563.0	1.76	214.60	4,561.2	-106.6	-23.4	103.6	0.13	-0.09	3.18
4,607.0	1.80	210.74	4,605.2	-107.7	-24.2	104.7	0.29	0.09	-8.77
4,651.0	1.93	210.08	4,649.2	-109.0	-24.9	105.9	0.30	0.30	-1.50
4,695.0	2.11	211.00	4,693.2	-110.3	-25.7	107.1	0.42	0.41	2.09
4,739.0	2.20	211.44	4,737.1	-111.7	-26.5	108.4	0.21	0.20	1.00
4,783.0	2.26	211.12	4,781.1	-113.2	-27.4	109.8	0.14	0.14	-0.73
4,827.0	2.33	209.51	4,825.1	-114.7	-28.3	111.2	0.22	0.16	-3.66
4,871.0	2.50	210.34	4,869.0	-116.3	-29.2	112.7	0.39	0.39	1.89
4,915.0	2.37	210.65	4,913.0	-117.9	-30.2	114.2	0.30	-0.30	0.70
4,959.0	2.11	214.14	4,957.0	-119.4	-31.1	115.6	0.67	-0.59	7.93
5,003.0	1.50	232.17	5,000.9	-120.4	-32.0	116.5	1.88	-1.39	40.98
5,047.0	1.05	229.15	5,044.9	-121.0	-32.8	117.1	1.03	-1.02	-6.86
5,091.0	1.01	217.02	5,088.9	-121.6	-33.3	117.6	0.50	-0.09	-27.57
5,135.0	1.36	216.98	5,132.9	-122.3	-33.9	118.2	0.80	0.80	-0.09
5,179.0	1.76	217.28	5,176.9	-123.3	-34.6	119.1	0.91	0.91	0.68
5,223.0	2.10	216.47	5,220.9	-124.4	-35.5	120.2	0.78	0.77	-1.84
5,267.0	2.37	213.28	5,264.8	-125.9	-36.4	121.5	0.68	0.61	-7.25
5,311.0	2.59	211.57	5,308.8	-127.5	-37.5	123.0	0.53	0.50	-3.89
5,355.0	2.15	217.46	5,352.8	-129.0	-38.5	124.4	1.14	-1.00	13.39
5,399.0	2.20	211.70	5,396.7	-130.3	-39.4	125.7	0.51	0.11	-13.09
5,443.0	2.36	209.73	5,440.7	-131.8	-40.3	127.1	0.40	0.36	-4.48

NEWFIELD

PayZone Directional Services, LLC.

Survey Report

PAYZONE

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 14-19-4-1E
Project:	USGS Myton SW (UT)	**TVD Reference:**	14-19-4-1E @ 5004.6ft (Newfield Rig #1)
Site:	SECTION 19 T4S, R1E	**MD Reference:**	14-19-4-1E @ 5004.6ft (Newfield Rig #1)
Well:	14-19-4-1E	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,487.0	2.02	216.14	5,484.7	-133.3	-41.2	128.4	0.95	-0.77	14.57
5,531.0	2.33	212.71	5,528.6	-134.6	-42.2	129.7	0.76	0.70	-7.80
5,575.0	2.37	213.15	5,572.6	-136.2	-43.2	131.1	0.10	0.09	1.00
5,619.0	2.37	213.28	5,616.5	-137.7	-44.1	132.5	0.01	0.00	0.30
5,663.0	1.36	222.03	5,660.5	-138.8	-45.0	133.5	2.38	-2.30	19.89
5,707.0	1.67	207.18	5,704.5	-139.8	-45.6	134.4	1.13	0.70	-33.75
5,751.0	2.37	201.99	5,748.5	-141.2	-46.3	135.8	1.64	1.59	-11.80
5,795.0	2.55	201.73	5,792.4	-142.9	-47.0	137.4	0.41	0.41	-0.59
5,839.0	2.94	201.73	5,836.4	-144.9	-47.8	139.3	0.89	0.89	0.00
5,883.0	3.43	191.71	5,880.3	-147.2	-48.4	141.6	1.68	1.11	-22.77
5,927.0	3.69	191.00	5,924.2	-149.9	-49.0	144.2	0.60	0.59	-1.61
5,971.0	2.90	213.72	5,968.2	-152.2	-49.9	146.4	3.43	-1.80	51.64
6,015.0	2.77	226.12	6,012.1	-153.9	-51.3	147.9	1.42	-0.30	28.18
6,059.0	2.81	254.15	6,056.1	-154.9	-53.1	148.7	3.07	0.09	63.70
6,103.0	3.21	255.21	6,100.0	-155.5	-55.3	149.1	0.92	0.91	2.41
6,147.0	3.19	252.44	6,143.9	-156.2	-57.6	149.6	0.35	-0.05	-6.30
6,191.0	2.37	247.83	6,187.9	-156.9	-59.7	150.1	1.93	-1.86	-10.48
6,235.0	2.33	250.04	6,231.8	-157.6	-61.3	150.5	0.23	-0.09	5.02
6,279.0	2.11	258.99	6,275.8	-158.0	-63.0	150.8	0.93	-0.50	20.34
6,323.0	2.07	258.02	6,319.8	-158.4	-64.5	151.0	0.12	-0.09	-2.20
6,367.0	2.07	254.37	6,363.8	-158.7	-66.1	151.2	0.30	0.00	-8.30
6,411.0	1.91	253.05	6,407.7	-159.2	-67.6	151.5	0.38	-0.36	-3.00
6,455.0	1.93	255.43	6,451.7	-159.6	-69.0	151.7	0.19	0.05	5.41
6,499.0	1.80	252.88	6,495.7	-160.0	-70.3	152.0	0.35	-0.30	-5.80
6,502.1	1.79	252.86	6,498.8	-160.0	-70.4	152.0	0.30	-0.30	-0.55
14-19-4-1E TGT									
6,543.0	1.67	252.62	6,539.7	-160.4	-71.6	152.3	0.30	-0.30	-0.59
6,587.0	1.54	254.20	6,583.6	-160.7	-72.8	152.5	0.31	-0.30	3.59
6,631.0	1.41	254.11	6,627.6	-161.0	-73.9	152.7	0.30	-0.30	-0.20
6,675.0	1.27	255.03	6,671.6	-161.3	-74.9	152.9	0.32	-0.32	2.09
6,719.0	1.19	250.77	6,715.6	-161.6	-75.8	153.0	0.28	-0.18	-9.68
6,763.0	1.00	238.51	6,759.6	-161.9	-76.5	153.3	0.68	-0.43	-27.86
6,807.0	0.88	238.77	6,803.6	-162.3	-77.2	153.6	0.27	-0.27	0.59
6,851.0	0.70	236.53	6,847.6	-162.6	-77.7	153.9	0.41	-0.41	-5.09
6,890.0	0.79	234.11	6,886.6	-162.9	-78.1	154.1	0.24	0.23	-6.21
6,945.0	0.79	234.11	6,941.6	-163.4	-78.7	154.5	0.00	0.00	0.00

Wellbore Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
14-19-4-1E TGT	0.00	0.00	6,500.0	-371.8	38.0	7,214,481.00	2,080,035.81	40° 6' 54.045 N	109° 55' 40.741 W
- actual wellpath misses by 238.0ft at 6502.0ft MD (6498.7 TVD, -160.0 N, -70.4 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

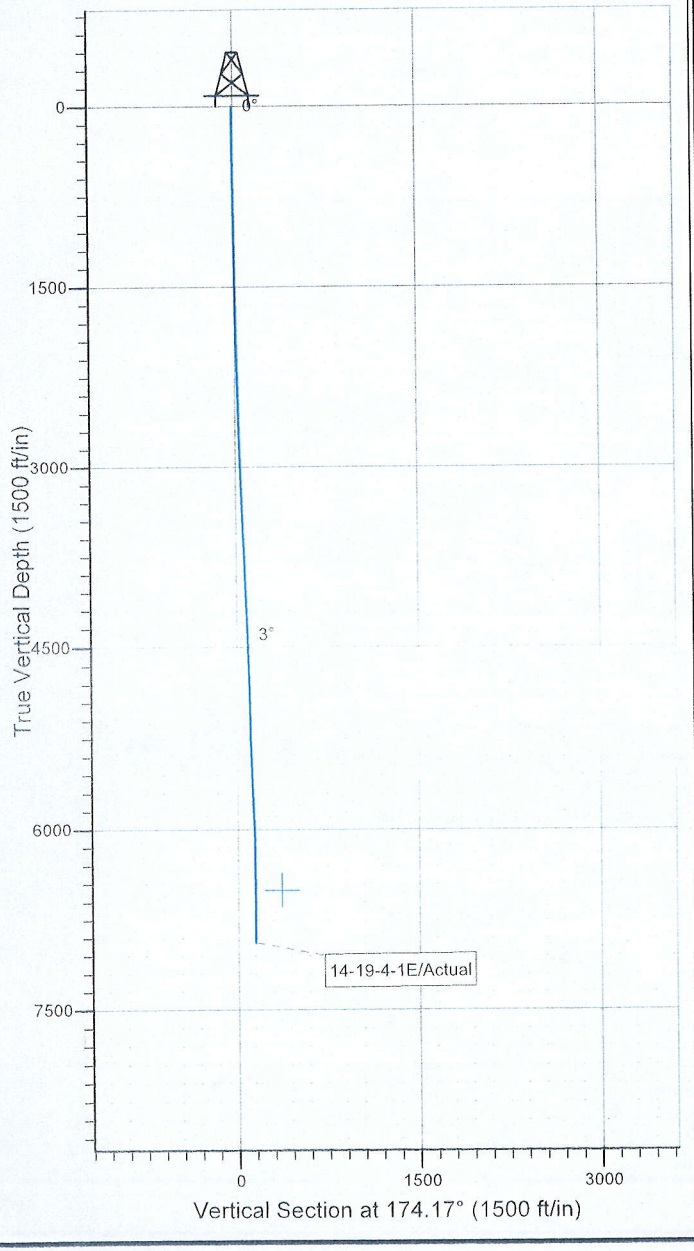
NEWFIELD

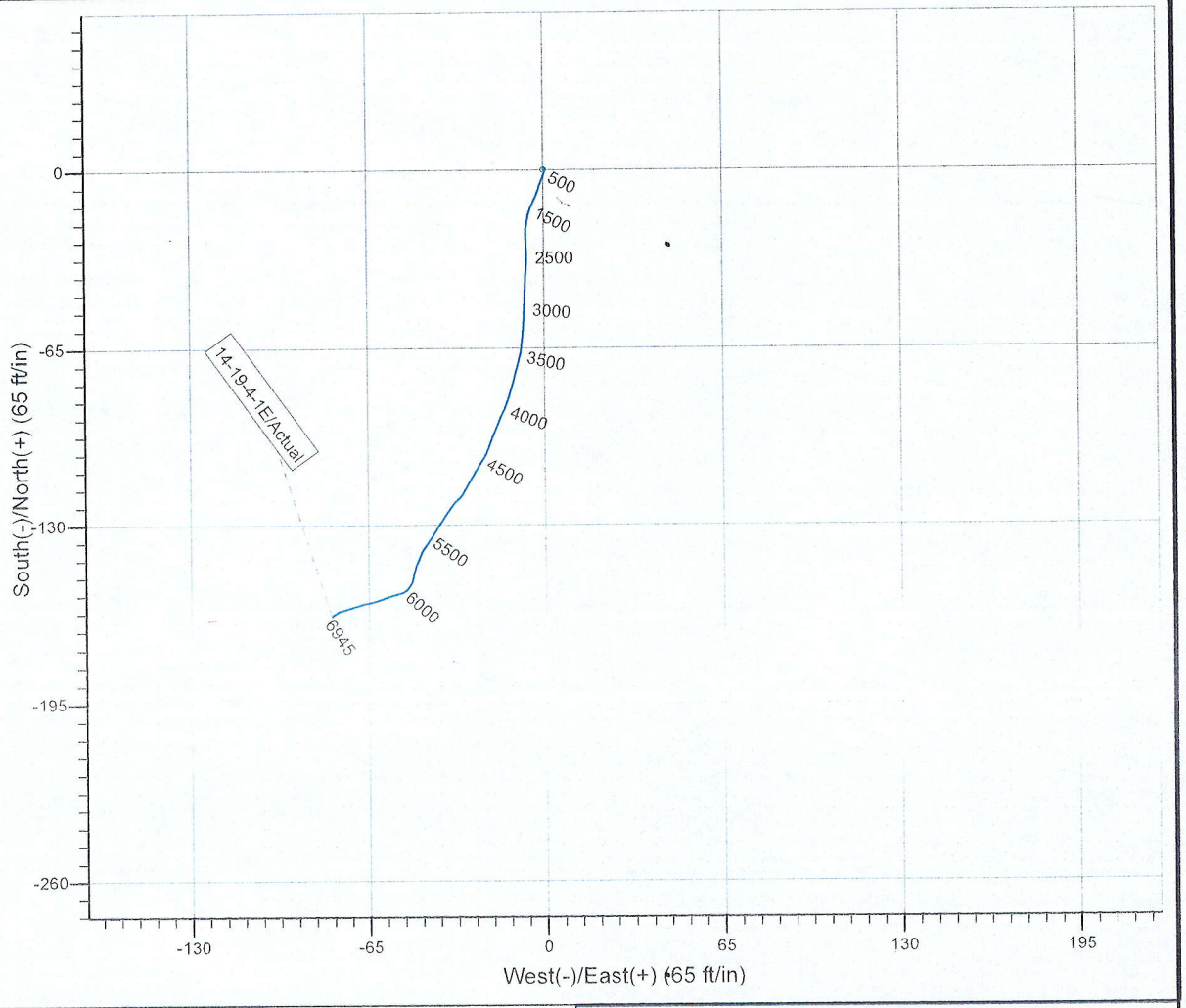
Project: USGS Myton SW (UT)
Site: SECTION 19 T4S, R1E
Well: 14-19-4-1E
Wellbore: Wellbore #1
SURVEY: Actual

T M

Azimuths to True North
Magnetic North: 11.34°

Magnetic Field
Strength: 52388.3snT
Dip Angle: 65.89°
Date: 2010/11/20
Model: IGRF2010





PAYZONE DIRECTIONAL

Design: Actual (14-19-4-1E/Wellbore #1)

Created By: Jim hudson Date: 10:11, April 18 2011

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

WELCH 14-19-4-1E

2/1/2011 To 6/30/2011

WELCH 14-19-4-1E **Waiting on Cement**

Date: 4/6/2011

Ross #26 at 415. Days Since Spud - @ 418.82'KB. On 4/5/11 cement w/BJ w/215 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - On 4/4/11 Ross #26 spud and drilled 415' of 12 1/4" hole, P/U and run 10 jts of 8 5/8" casing set - yield. Returned 7bbls to pit, bump plug to 181 psi, BLM and State were notified of spud via email.

Daily Cost: $0

Cumulative Cost: $73,689

WELCH 14-19-4-1E **Drill 7 7/8" hole with fresh water**

Date: 4/10/2011

NDSI SS #1 at 3122. 1 Days Since Spud - R/U B&C quicktest Test Kelly,safty valve,choke manifold,Pipe and blind rams @ 2000 PSI - MIRU W/ Liddell trucking set all equipment - P/U Smith Mi616 PDC Bit,.33 7/8 lobe mud motor,Payzone directional tools,8 6" DC,26 HWDP - Tag @ 370' - Drill 7 7/8" hole F/370' - 3122', w/ 20 WOB, 165 RPM, 379 GPM,ROP 250 - Surface csg @ 1500 PSI - test good

Daily Cost: $0

Cumulative Cost: $122,556

WELCH 14-19-4-1E **Drill 7 7/8" hole with fresh water**

Date: 4/11/2011

NDSI SS #1 at 6642. 2 Days Since Spud - Rig service funtion test pipe rams - Drill 7 7/8" hole F/3122' - 4046', w/ 20 WOB, 165 RPM, 379 GPM,ROP 185 - Drill 7 7/8" hole F/4046' - 6642', w/ 20 WOB, 160 RPM, 376 GPM,ROP 133

Daily Cost: $0

Cumulative Cost: $170,028

WELCH 14-19-4-1E **Wait on Completion**

Date: 4/12/2011

NDSI SS #1 at 6945. 4 Days Since Spud - Clean mud tanks - Release rig @ 12:00 pm on 4/12/11 - Drill 7 7/8" hole F/6642' -6945', w/ 20 WOB, 160 RPM, 376 GPM,ROP 121 - TD - Rig service funtion test pipe rams - Circulate for logs - Lay down DP, BHA and Directional tools - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/CAL suite TD to 3000' (loggers TD 6935') - Change and test csg rams to 2000 psi - R/U csg run 165 jt 5.5 15.5# j-55 LTC-tag - GS set @ 6923.73' KB -FC set @ 6905.48' KB - Circulat csg w/ rig pump - Hold JSA and rig up BJ start CMT - CMT w/BJ Pump 300 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg - yield @ 3.54 Then tail of 445 sk 50:50:2+3%KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - Mixed @ 14.4 ppg yeild @ 1.24 return 13 bbls to pit pressured up 8 bbls left of displacement - could not bump plug. - Clean mud tanks - Release rig @ 12:00 pm on 4/12/11 - could not bump plug. - Mixed @ 14.4 ppg yeild @ 1.24 return 13 bbls to pit pressured up 8 bbls left of displacement - yield @ 3.54 Then tail of 445 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 - Hold JSA and rig up BJ start CMT - Circulat csg w/ rig pump - R/U csg run 165 jt 5.5 15.5# j-55 LTC-tag -GS set @ 6923.73' KB -FC set @ 6905.48' KB - Change and test csg rams to 2000 psi - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/CAL suite TD to 3000' (loggers TD 6935') - Lay down DP, BHA and Directional tools - Circulate for logs - Drill 7

7/8" hole F/6642' -6945', w/ 20 WOB, 160 RPM, 376 GPM,ROP 121 - TD - Rig service funtion test pipe rams **Finalized**
Daily Cost: $0
Cumulative Cost: $328,287

Pertinent Files: Go to File List

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
Fee

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
WELCH 14-19-4-1E

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43047508690000

3. ADDRESS OF OPERATOR:
1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER:
303 382-4443 Ext

9. FIELD and POOL or WILDCAT:
WINDY RIDGE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1022 FSL 2067 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 19 Township: 04.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

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

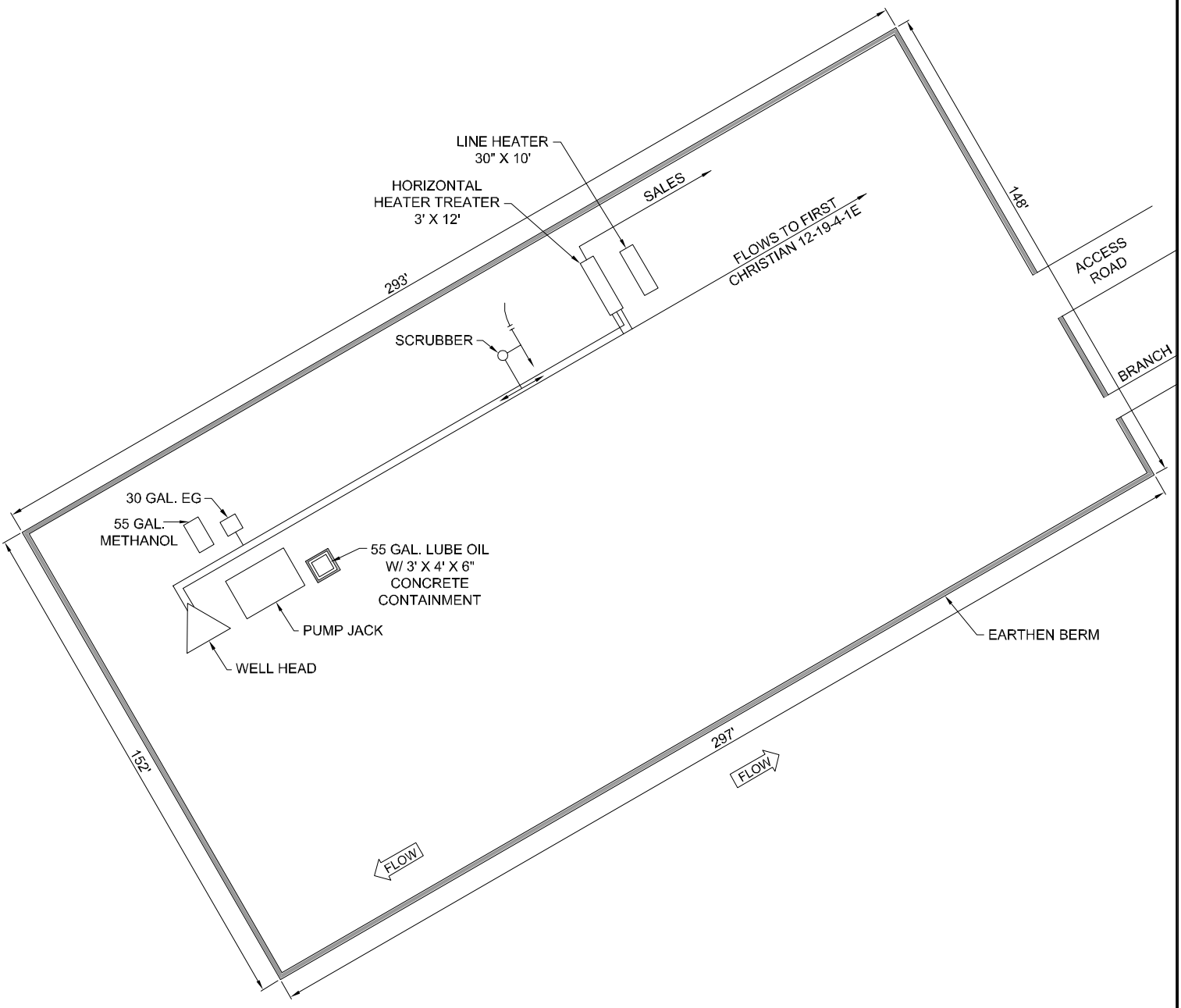
TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 3/1/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Site Facility/Site Security

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

SEE ATTACHED REVISED SITE FACILITY DIAGRAM

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
August 27, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jill L Loyle	303 383-4135	Regulatory Technician
SIGNATURE		**DATE**
N/A		8/13/2012



UTU87538X

N	WELCH 14-19-4-IE
	Newfield Exploration Company SESW Sec 19, T4S, R1E Uintah County, UT
N.T.S.	KLEINFELDER Bright People. Right Solutions.
M.G.	
MAR 2012	

RECEIVED: Aug. 13, 2012