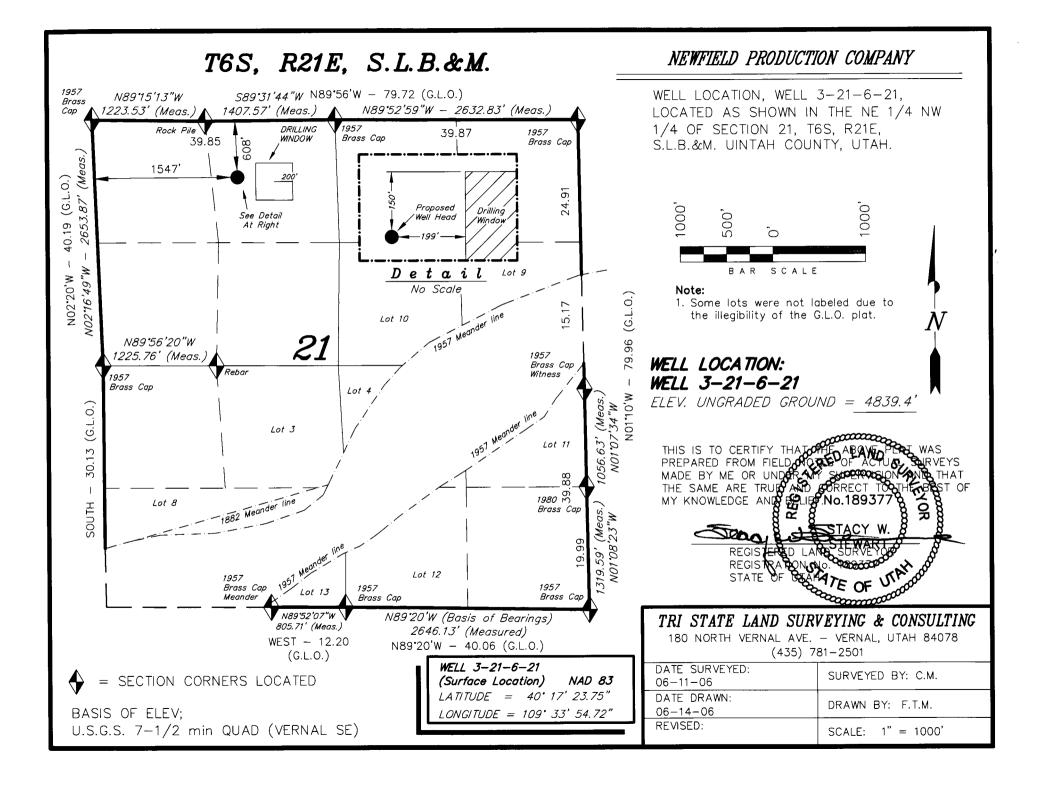
Form 3160-3 (September 2001)			OMB No.	PPROVED 1004-0136 uary 31, 2004	
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.				
BUREAU OF LAND MANAG	UTU-30289				
APPLICATION FOR PERMIT TO DR			6. If Indian, Allottee or Tribe Name		
			N/A		
la. Type of Work: 🖾 DRILL 🔲 REENTER	2		7. If Unit or CA Agreement, Name and No.		
	Υ.		N/A		
lb. Type of Well: 🔲 Oil Well 🗳 Gas Well 📮 Other	🗴 Single Zone 📮 Multij	ple Zone	8. Lease Name and W Federal 3-21		
2. Name of Operator			9. API Well No.		
Newfield Production Company			-73 04	7-38478	
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or I	• •	
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Humestron en	" under grated	
4. Location of Well (Report location clearly and in accordance with a		-	11. Sec., T., R., M., or	Blk. and Survey or Area	
At surface NE/NW 608' FNL 1547' FWL 622021 7	•		NE/NW Se	ec. 21, T6S R21E	
At proposed prod. zone $446072$	01 -109.5644.	84		0. 21, 100 N21E	
14. Distance in miles and direction from nearest town or post office*	f	· · · · · ·	12. County or Parish	13. State	
Approximatley 17.5 miles southwest of Vernal, Utah	T		Uintah	UT	
15. Distance from proposed* location to nearest	16. No. of Acres in lease	17. Spacing	g Unit dedicated to this v	veli	
property or lease line, ft.	517.81		40 Acres		
	19. Proposed Depth	20 PLM/E	BLA Bond No. on file		
18. Distance from proposed location* to nearest well, drilling, completed,					
applied for, on this lease, ft. Approx. 3,543'	3,970'		UTB000192		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration		
4839' GL	4th Quarter 2006		Approximately seven (7) days from spud to rig release.		
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be att	ached to this	form:		
1. Well plat certified by a registered surveyor.	4. Bond to cover the	ne operation	is unless covered by an	existing bond on file (see	
2. A Drilling Plan.	Item 20 above).				
3. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).	Lands, the 5. Operator certifica 6. Such other site authorized office	specific info	rmation and/or plans as	may be required by the	
25. Signature	Name (Printed/Typed)	a *		Date	
Alland' losen	Mandie Crozier		1	8/11/06	
Title					
Regulatory Specialist			1		
Appholed by (Stendure)		. HILL	1	Date 05-17-06	
Title	Office VIRONMENTAL M	ANAGER			
Application approval does not warrant or certify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject le	ease which would entitle	the applicant to conduct	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for any person knowingly and any matter within its jurisdiction.	d willfully to	) make to any departmer	it or agency of the United	

\*(Instructions on reverse)

Federal Approval of this Action is Necessary

RECEVED

AUG 1 5 2006





August 11, 2006

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

> RE: Applications for Permit Federal 3-21-6-21 Federal 12-21-6-21 Federal 10-34-6-21

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed locations are also Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely, lanche Croyes Mandie Crozier

Regulatory Specialist

mc enclosures

> RECEIVED AUG 1 5 2006

# NEWFIELD PRODUCTION COMPANY FEDERAL #3-21-6-21 NE/NW SECTION 21, T6S, R21E UINTAH COUNTY, UTAH

# **ONSHORE ORDER NO. 1**

## **DRILLING PROGRAM**

#### 1. <u>GEOLOGIC SURFACE FORMATION:</u>

Uinta formation of Upper Eocene Age

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

Uinta 0' - 3,970' Green River 3,970' +

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

Uinta Formation (Gas) 3,475' – 3,970'

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 <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

#### PROPOSED CASING PROGRAM 4.

#### a. Casing Design: Federal 3-21-6-21

	INTI	RVAL			DESIGN FACTORS			
SIZE	TOP	BTM,	WT.	OR	CPLO	BURST	COLLAPSE	TENSION
*SurfaceCasing					Csg Ratings:	2950	1370	263000
8-5/8"	0	350	24	K-55	STC	15.02	12.3	4.5
**Production Casing					Csg Ratings:	4810	4040	217000
5-1/2" Prod mode						3.48	2.88	1.95
Stim mode	0	3970	15.5	J55	LTC	2.65	2.88	1.95

Assumptions:

1) Surf. Csg max anticipated surface pressure (MASP) = Fracture Gradient - Gas Gradient (0.115pis/ft\*TVDshoe)

2) Surface Casing Collapse = Fully evacuated casing = Pore Pressure - Gas Gradient (0.115pis/ft\*TVDshoe)

3) Surface Casing Tension = Air weight of casing + 50,000# overpull

4) Production Casing MASP (production mode) = Pore Pressure - Gas Gradient \* TVDshoe)

4a) Prod csg MASP (stim mode) = Frac Gradient\*TVDshoe+Perf Friction+Pipe Friction - Hydr. Pressure

5) Production Casing Collapse = Fully evacuated casing = Pore Pressure - Gas Gradient (0.115pis/ft\*TVDshoe)

6) Production Casing Tension = Air weight of casing + 50,000# overpull

*Fracture Gradient at surface casing shoe =	13.00	Ppg
*Pore pressure at surface casing shoe =	8.33	Ppg
**Pore pressure at production casing shoe =	9.00	Ppg
**Fracture gradient at production casing shoe =	0.80	psi/ft
**Perforation Friction =	100.00	Psig
**Pipe Friction =	65.00	psi/1000ft
**Fracture treatment displacement fluid =	8.33	Ppg

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: Federal 3-21-6-21

FT OF F	350	Class G w/ 2% BWOC CaCl + 1/4#/sx celloflake.	161 / 188	30%	15.8	1.17
Prod. Csg.	3970	*50/50 poz G w/ 2% gel, 3% KCL, 0.5% EC1, ¼#/sx cello-flake or equivalent cement.	832 / 1032	50%	14.4	1.24

\*Actual volume pumped will be 15% over caliper log

1) Compressive Strength of lcmt: 2500 psi @ 24 hrs

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

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.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

## 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The Company's Class III (3) 3M minimum specifications for pressure control equipment for a standard Uinta development well are as follows:

A 3000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and an annular preventer per **Exhibit C**.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Annular Preventer - The annular shall be rated to a minimum 3000 psi WP, if one set of pipe rams is installed, and shall be installed at the top of the stack. If a 3 ram preventer and 2 preventers equipped with pipe rams are used, a 3000 psi WP is acceptable. A valve rated to full annular WP shall be mounted on the closing side using XX heavy fittings.

Rams and Position - The lower cavity shall contain pipe rams (master ram) to fit the upper section of the drill pipe in use. Casing rams are not required. The upper cavity shall contain blind rams for a 3 ram stack. A means shall be available to mechanically lock the rams closed.

BOP Side Outlets - The choke and kill lines outlets shall be a minimum 2 inches nominal and can be either in the BOP body between the rams or in a spool placed between the rams. Two gate valves rated to full BOP WP shall be installed on both outlets. The outside choke line valve shall be hydraulically operated.

Choke and Kill Lines - The lines shall be a minimum 2 inches nominal, made of seamless steel, seamless steel with Chiksan<sup>TM</sup> joints, or armored fire resistant hose rated to required BOP WP. The choke line shall be as straight as possible, and securely anchored. All turns shall be 90 degrees and "targeted." When hoses are used, they shall have a rated test pressure of at least 1.5 times the required BOP WP.

Secondary Kill Outlet - One outlet located below the lower rams either on the BOP stack or on the wellhead shall be fitted with two valves, a needle valve with adapter and pressure gauge, all rated to wellhead WP or greater. This outlet is not to be used in normal operations.

Closing Methods - At least three means of operating all the preventers shall be provided, consisting of any combination of the following:

- a. An air and/or electrically operated hydraulic pump(s) capable of closing one ram preventer in 30 seconds.
- b. An accumulator capable of closing all preventers and opening the hydraulic choke line valve, without requiring a recharge.
- c. Manual method with closing handles and/or wheels to be located in an unobstructed area, away from the wellhead, or additional equipment per item "a" and item "b" to provide full redundancy to method.
- d. Bottled nitrogen or other back-up storage system to equal accumulator capacity, manifolded to by-pass the accumulator and close the BOP directly.

Hydraulic Closing Unit - The closing unit shall be equipped with:

- a. A control manifold with a control valve for each preventer and hydraulically operated valve; a regulator for the annular preventer; and interconnected steel piping. Each blowout preventer control valve should be turned to open position during drilling operations.
- b. Control lines to BOPs of seamless steel, seamless steel lines with Chiksan joints, or fire resistant steel armored hose.
- c. A remote control panel from which each preventer and hydraulic valve can be operated. If the remote panel becomes inoperable, it shall not interfere with the operation of the main closing unit.

Location - For land locations, the hydraulic closing unit shall be located in an unobstructed area outside the substructure at least 50 feet from the wellhead and the remote panel shall be located near the driller's position. For offshore installations, the location of the closing unit and remote panel shall be such that one is located near the driller position and the other is located away from the well area and is accessible from a logical evacuation route.

Choke Manifold - The minimum equipment requirements are shown in **Exhibit C**. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Connections - All components of the manifold shall be equipped with flanged, studded, clamped hub or equivalent proprietary connections (gauge connections exempted).

Flow Wings - Three flow wings shall be provided, capable of transmitting well returns through conduits that are a minimum 2 inches nominal. Two wings shall be equipped with chokes and one gate valve upstream of each choke; one gate valve ahead of the discharge manifold; and one valve downstream of each choke; at least one choke shall be adjustable. A gate valve shall be installed directly upstream of the cross if single valves are installed upstream of the chokes. One wing with one gate valve capable of transmitting well returns directly to the discharge manifold. The chokes, the valve(s) controlling the unchoked discharge wing, and all equipment upstream of these items shall be rated to required BOP WP.

Discharge Manifold - A discharge manifold (buffer tank), capable of diverting well returns overboard or to the blowdown/reserve pit; to the mud gas separator; and to the shaker tank is required. Lead-filled bull plugs (or equivalent erosion resistant components) shall be installed in the discharge manifold directly opposite the choked wings.

Pressure Monitoring - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Drillstring Control Devices - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

Auxiliary Equipment - A kelly saver sub with casing protector larger than tool joints at top of drillstring (for kelly equipped rigs); a wear bushing or wear flange to protect the seal area of the wellhead while drilling; and a plug or cup type BOP test tool shall be provided.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

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

From surface to  $\pm$  3000 feet will be drilled with fresh water or an air/mist system, depending on the drilling contractor's preference. From approximately 3200 feet, or in the case of the air/mist system when hole conditions dictate, to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with KCL or DAP polymer additive. This fresh water system

will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated maximum mud weight is 9.3 lbs/gal based on the offset 4-14 Government well (API 43047301550000). 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.

#### 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

None uless dictated by unanticipated well conditions.

#### 8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

#### a. Logging Program:

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DIL/SONIC: TD - 2,500'

- CBL: A cement bond log will be run from the surface casing shoe to surface and from TD to the cement top of the production casing. A field copy will be submitted to the Vernal BLM Office.
- **b.** Cores: As deemed necessary.
- c. **Drill Stem Tests:** No DSTs are planned in the Uinta/Green River section. It is possible that DST's may be required in the Uinta Formation.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

#### 9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:</u>

Possible abnormal temperatures and/or pressures are <u>not</u> anticipated in Uitna or Green River. 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 be approximately equal total depth in feet multiplied by a 0.45 psi/foot gradient.

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

#### a. Drilling Activity

Anticipated Commencement Date: Drilling Days: Completion Days: Upon approval of the site specific APD. Approximately 4 days. Approximately 4 days.

#### b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

**Immediate Report:** Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing.. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported

on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

# NEWFIELD PRODUCTION COMPANY FEDERAL #3-21-6-21 NE/NW SECTION 21, T6S, R21E UINTAH COUNTY, UTAH

# **ONSHORE ORDER NO. 1**

# MULTI-POINT SURFACE USE & OPERATIONS PLAN

## 1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #3-21-6-21 located in the NE 1/4 NW 1/4 Section 21, T6S, R21E, Uintah County, Utah:

Proceed southwesterly out of Vernal, Utah along Highway 40 - 10.2 miles  $\pm$  to the junction of this highway and an existing road to the southeast; proceed southeasterly -5.5 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly -1.8 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed along the proposed access road  $-1,980^{\circ} \pm$  to the proposed well location.

## 2. <u>PLANNED ACCESS ROAD</u>

See Topographic Map "B" for the location of the proposed access road.

## 3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

## 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The following guidelines will apply if the well is productive:

- A dike will be constructed completely around those production facilities that contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted subsoil, be impervious, hold 110% of the capacity of the largest tank, and be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with approval from the AO to meet SPCC requirements. (The use of topsoil for the construction of dikes will not be allowed).
- All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors which are described by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. The required color for this facility as determined by the AO will be Carlsbad Canyon.

A description of the proposed pipelines are included. See to Topographic Map "C". Pipeline segments will be welded together on disturbed areas in or near the location (whenever possible), and dragged into place.

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

Water for drilling and completion purposes will be obtained from one of the following sources. Refer to Exhibit "E" for a copy of the Water Use Authorization.

Owner: Target Trucking 2960 North 500 East Vernal, Utah 84078 (435) 789-6850

Owner: AC/DC Fence and Roustabout Company PO Box 1493 Roosevelt, Utah 84066 (435) 722-7673

Fresh water may also be purchased by Newfield Production from the Johnson Water District and trucked to the proposed location for the purpose of drilling.

### 6. SOURCE OF CONSTRUCTION MATERIALS

Surface and subsoil materials in the immediate area will be utilized. Any gravel will be obtained from the Company's privately owned source. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

## 7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

The reserve pit will be constructed on the location and will not be located within natural drainage ways, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

Annular disposal of the drilling fluids may be requested as a disposal option. An application for an individual annular disposal permit will be made prior to disposing of any fluids in this manner.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank, or removed and disposed of at an approved facility, for a period not to exceed 90 days. During the 90-day period, in accordance with Onshore Order # 7, an application for approval of a permanent disposal method and location will be submitted for the Authorized Officer's approval.

The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells within the Horseshoe Bend Field. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within the Horseshoe Bend Field. Specific APDs shall address any modifications from this policy.

Attachment 1 contains the EPA List of Nonexempt Exploration and Production Wastes.

### 8. <u>ANCILLARY FACILITIES</u>

#### Surface gas lines:

- No installation of surface gas lines will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.
- Where possible, surface gas lines shall be placed as close to existing oil field roads as possible without interfering with normal road travel or road maintenance activities. For lines that are installed cross-country (not along access roads), travel along the lines will be infrequent and for maintenance needs only. If surface disturbance occurs along the lines, the operator will reclaim the land to the satisfaction of the AO of the appropriate surface management agency.

All surface lines will be either black or brown in color.

#### 9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Diagram.

#### 10. <u>PLANS FOR RESTORATION OF SURFACE</u>

#### a. Producing Location:

Topsoil will be stripped from the location and places where it can most easily be recovered for inerim reclamation. The topsoil shall be respread over the entire location to a depth of at least four to six inches as soon as completion operations have been finished and recontouring of fill slopes is complete. At this point the production equipment can be set. Topsoil will be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit will be stockpiled separately near the reserve pit. The areas of the location of the location not needed for production operation, including the reserve pits, shall be seeded.

Topsoil that will be stored more than one year before reclamation begins:

- will be windrowed, where possible, to a maximum depth of three (3) to four (4) feet near the margin of the well site:
- will be broadcast seeded with the seed mixture specified in the approved permit immediately after windrowing;

• will be "walked" with tracked heavy equipment to crimp the seeds into the soil.

Immediately upon well completion, the location and surrounding area will be cleared of trash and debris and all unused tubing and materials not required for production.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

If a synthetic, nylon-reinforced liner is used, the excess liner will be cut off and removed and the remaining liner will be torn and perforated while backfilling the reserve pit. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The liner will be buried to a minimum of four (4) feet deep. The AO will provide a seed mixture to revegetate the reserve pit and other unused disturbed areas at the time of the onsite.

The reserve pit and that portion of the location not needed for production facilities/operations will be reconstructed to approximate the natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting. This will be completed by the backfilling and crowning of the pit to prevent water from standing. Topsoil will be respread, and the pit area reseeded immediately following the respreading of the topsoil.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	Pascopyrum Smithii	6 lbs/acre
Galletta Grass	Hilaria Jamesii	6 lbs/acre

#### b. Dry Hole/Abandoned Location:

At the time of final abandonment, the intent of reclamation will be to return disturbed areas to near natural conditions in accordance with applicable federal and state laws, rules and regulations and agreements with private surface landowners. All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access roads to be performed within six (6) months, weather permitting, after final abandonment. The surface of disturbed areas will be recontoured to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance as compared to the surrounding terrain. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the reestablishment of irrigation systems, the reestablishment of appropriate soil conditions, and the reestablishment of vegetation as specified.

After recontouring of disturbed areas, any stockpiled topsoil will be spread over the surface, and the area reseeded immediately. The location and access roads will be revegetated to the satisfaction of the AO of the appropriate surface management agency and in accordance with any applicable agreements with private surface landowners. The seed mixture will be that provided at the time of the onsite or, the AO will be contacted at the time of reclamation for the appropriate seed mixture. Seed will be drilled on the contour to an appropriate depth. Reseeding operations will be performed immediately after completion of reclamation operations.

Dry mulch may be considered as one method to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw or hay must be certified "weed-free" and the certification documentation submitted to the AO prior to its application.

At final abandonment, the casing will be cut off at the base of the cellar or 3 feet below the final restored ground level, whichever is deeper. The Operator will cap the casing with a metal plate a minimum of 0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed with a weep hole.

11. <u>SURFACE OWNERSHIP</u> - Bureau Of Land Management (Proposed location and access roads leading to).

#### 12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey for this location will be forthcoming. The Paleontological Resource Survey for this location is attached. Paleontological Resource Survey prepared by, Wade E. Miller, 7/24/06. See attached report cover pages, Exhibit "D".

For the Federal #3-21-6-21 Newfield Production Company requests 1,980' of disturbed area be granted in Lease UTU-30289 to allow for construction of the proposed access road. **Refer to 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 a culvert required along the main county road leading onto the secondary 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.

Newfield Production Company requests 1,980' of disturbed area be granted in Lease UTU-30289 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 3" gas gathering line and a 2" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. The proposed pipeline will follow existing developed roads or existing two track roads. In the areas that two tracks are followed, crews will set up on existing well pads for welding and a dozer will drag pipe across. There will be no surface disturbance and there will not be any road upgrades. **Refer to Topographic Map "C."** 

Newfield Production Company requests 1,980' of disturbed area be granted in Lease UTU-30289 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it will be transported to a water disposal well in the Horseshoe Bend Area by company or contract trucks.

Water not meeting quality criteria, will be disposed of at State of Utah approved surface disposal facility.

### Threatened, Endangered, And Other Sensitive Species

None for the proposed Federal 3-21-6-21.

#### **Reserve Pit Liner**

The reserve pit will be lined with a synthetic reinforced liner a minimum of 12-mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash or scrap that could puncture the liner will not be disposed of in the pit.

#### **Details of the On-Site Inspection**

The proposed Federal #3-21-6-21 was on-sited on 6/15/06. The following were present; Shon McKinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Conditions were clear and ground cover was 100 percent open.

### 13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### **Representative**

Name:	Shon McKinnon		
Address:	Route #3 Box 3630		
	Myton, UT 84052		
Telephone:	(435) 646-3721		

#### **Certification**

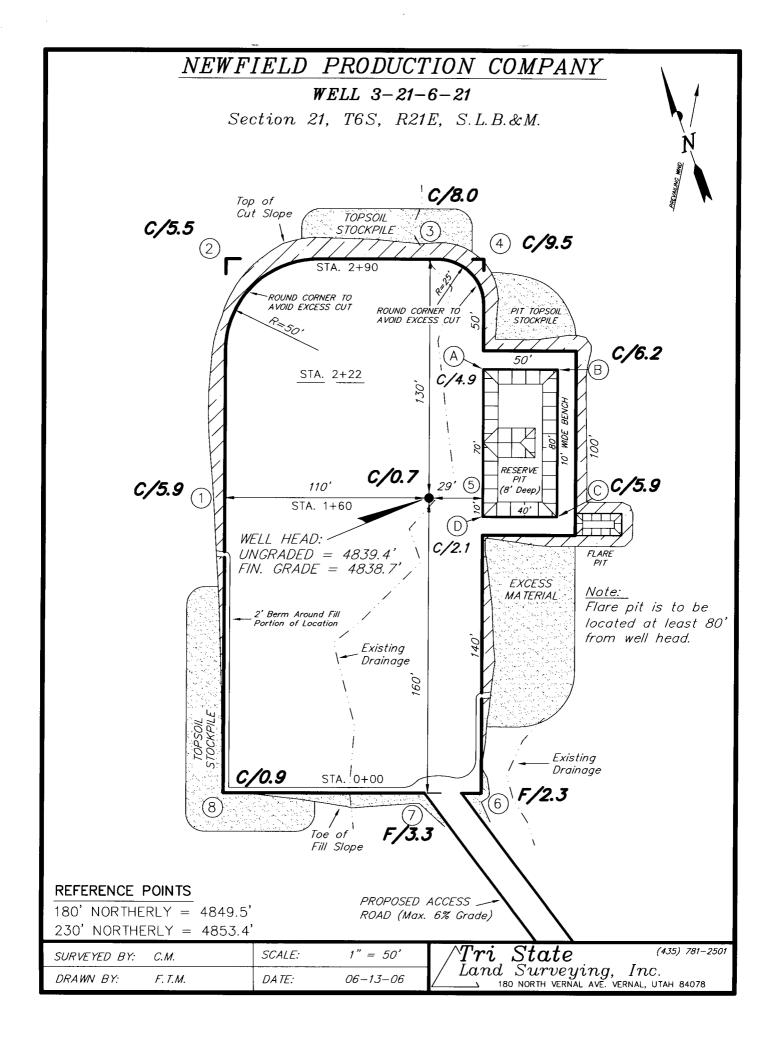
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-21-6-21 NE/NW Section 21, Township 6S, Range 21E: Lease UTU-30289 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

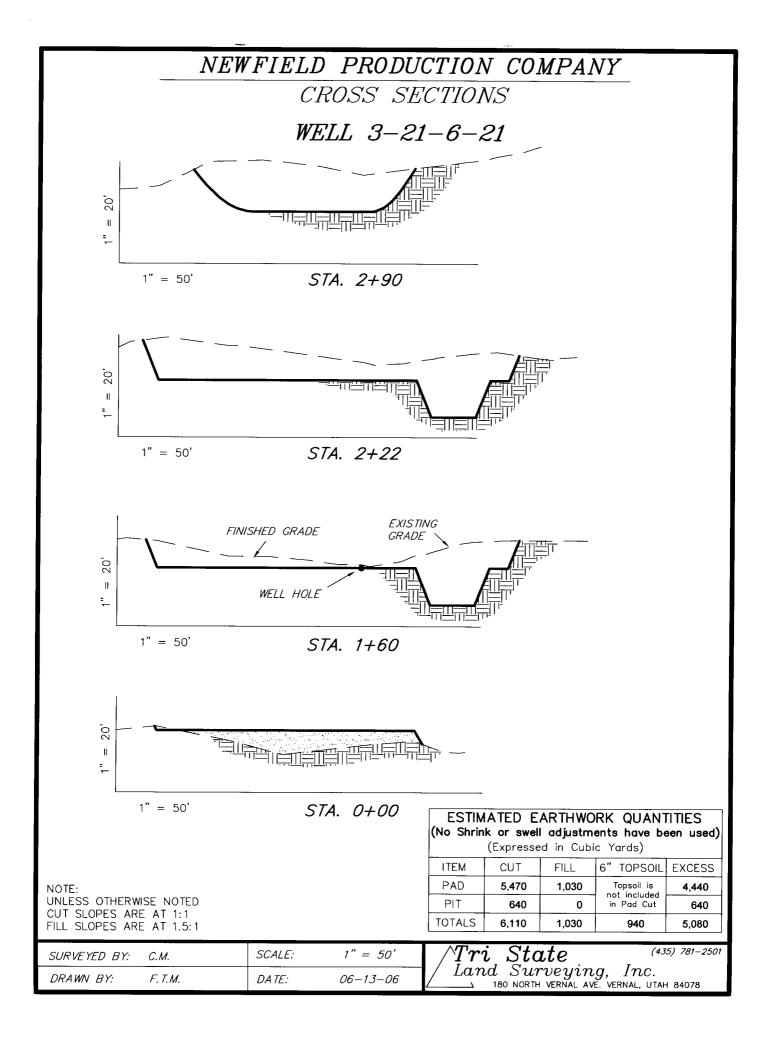
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by 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 18 U.S.C. 1001 for the filing of a false statement.

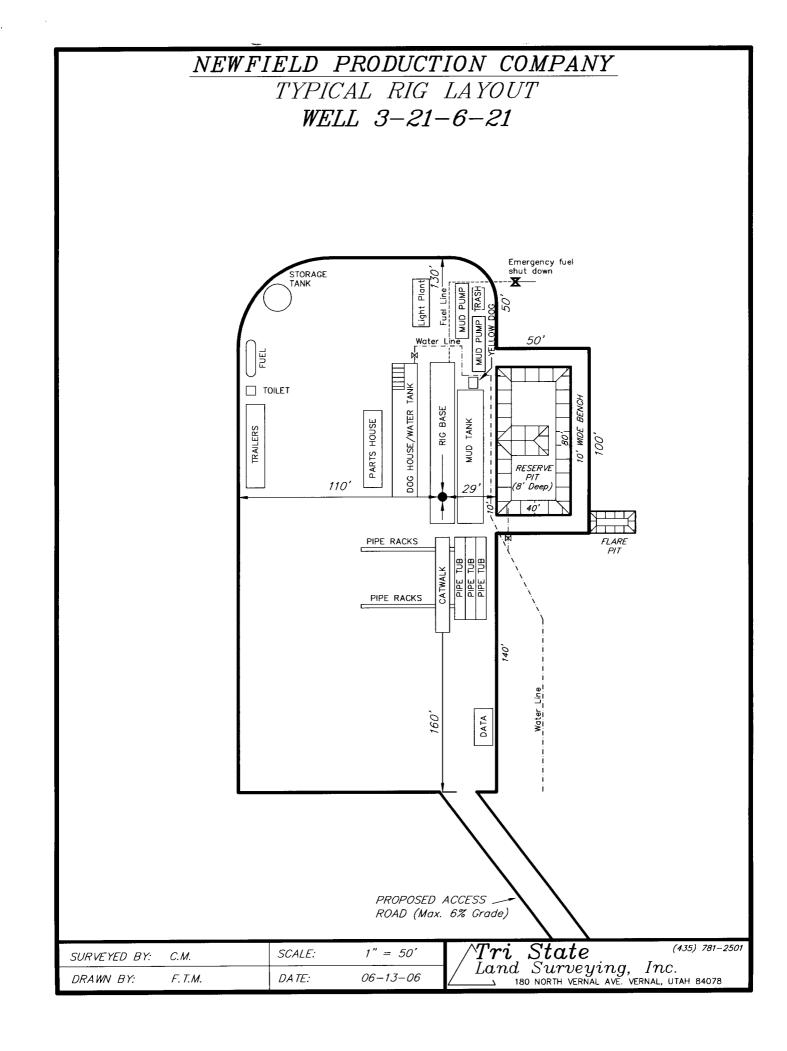
8/11/06 Date

andi Cueries

Mandie Crozier Regulatory Specialist







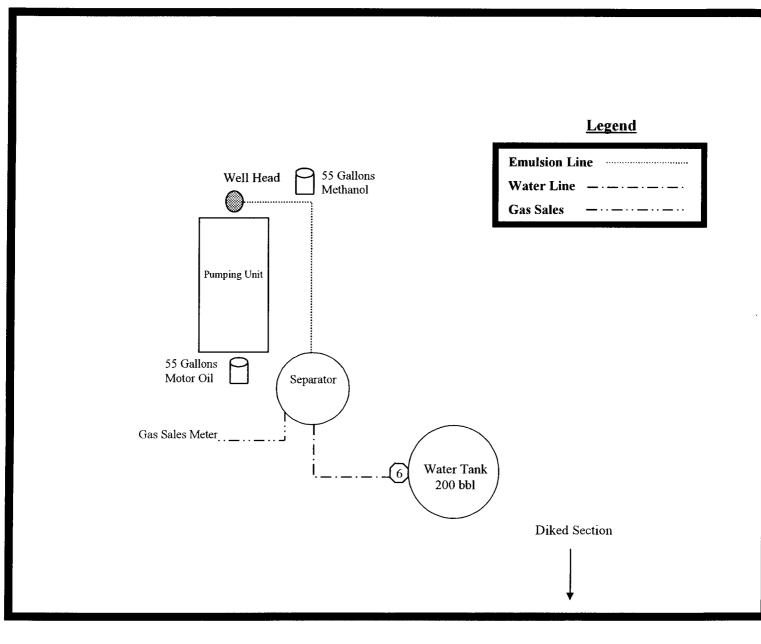
# Newfield Production Company Proposed Site Facility Diagram

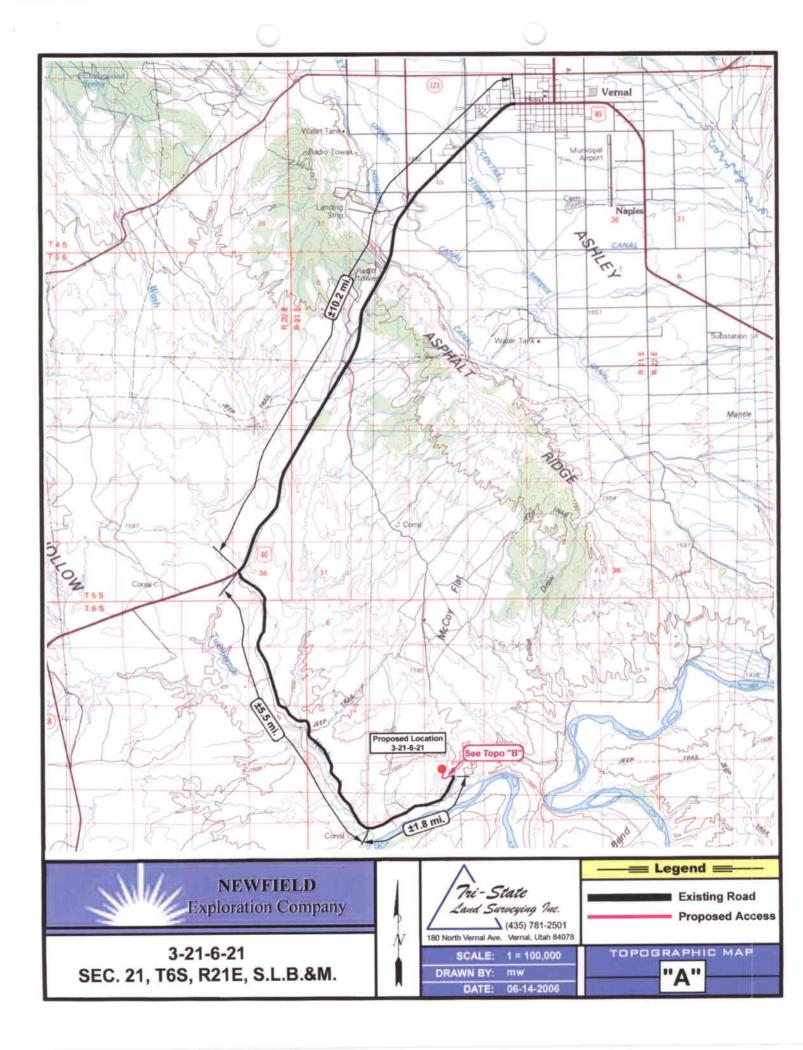
Federal 3-21-6-21

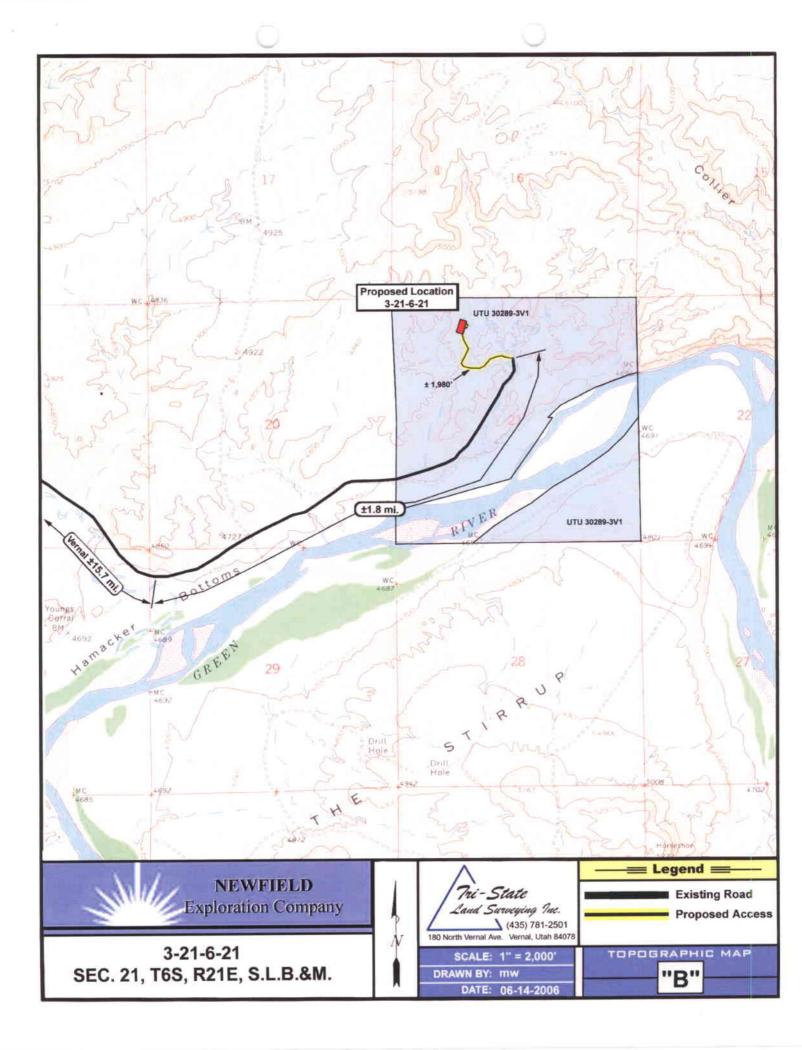
NE/NW Sec. 21, T6S, 21E

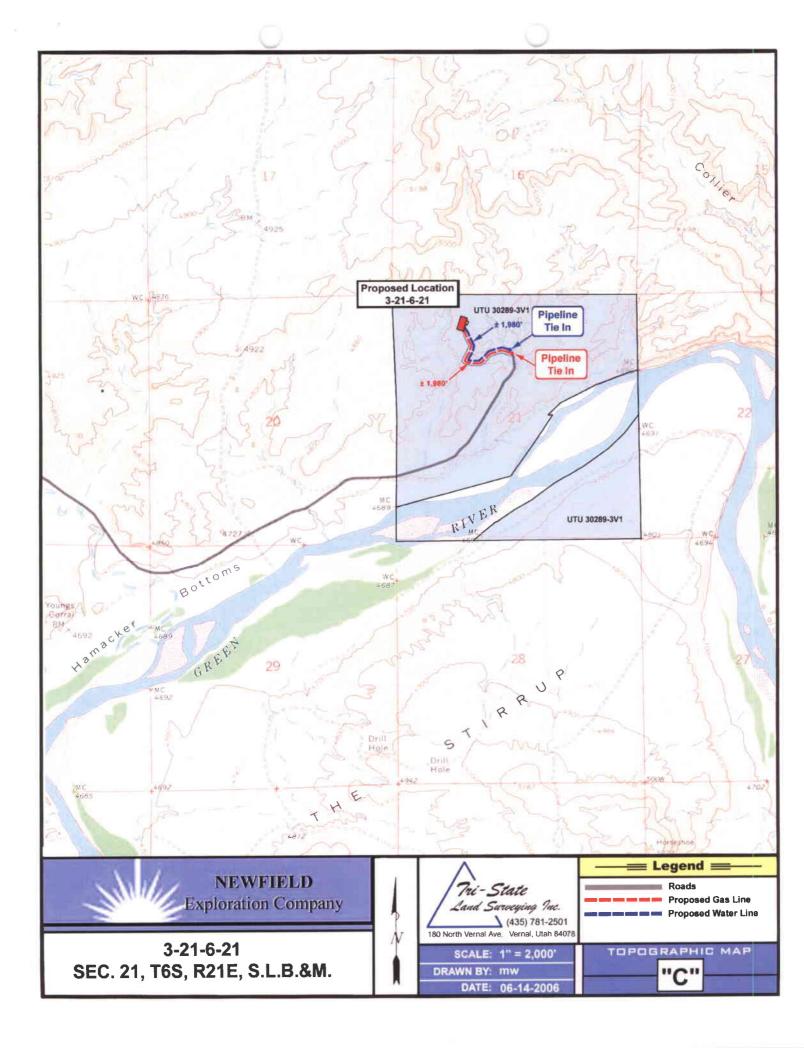
Uintah County, Utah

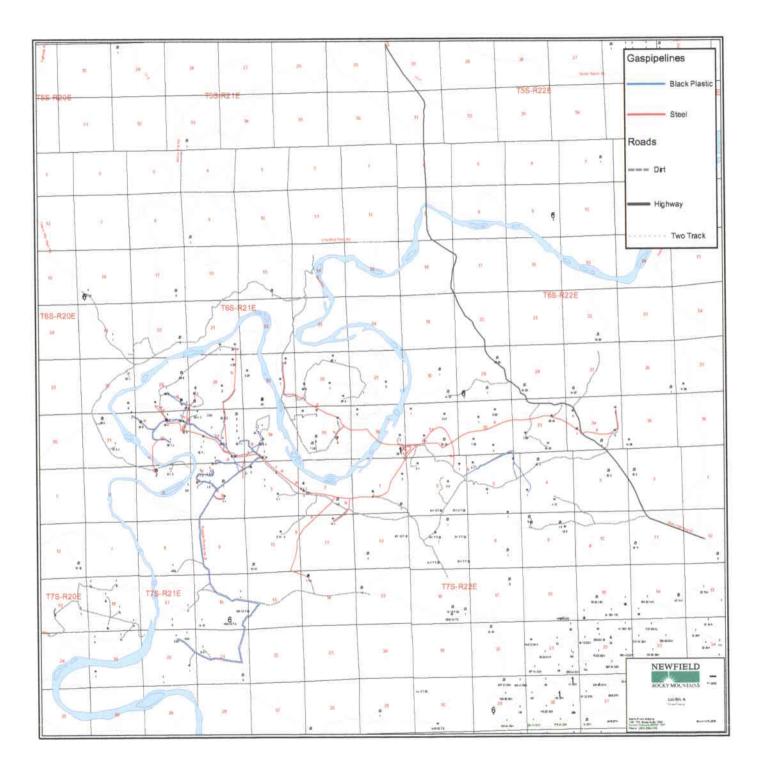
UTU-30289

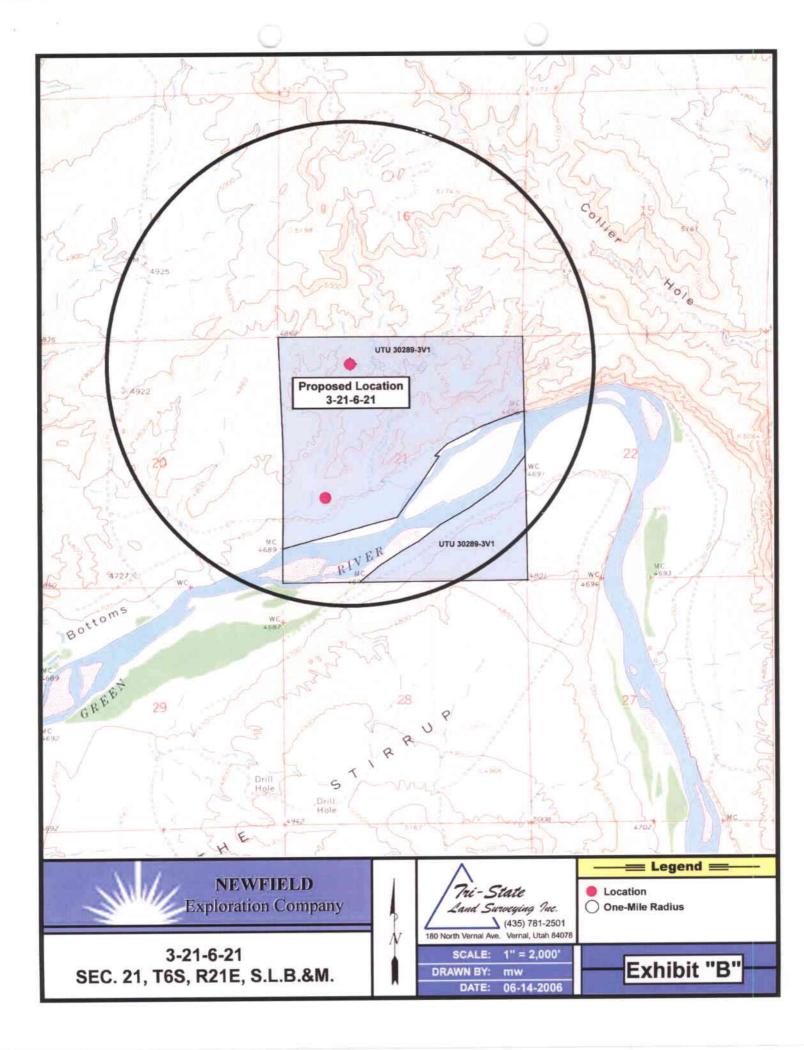












3-M SYSTEM Blowout Prevention Equipment Systems

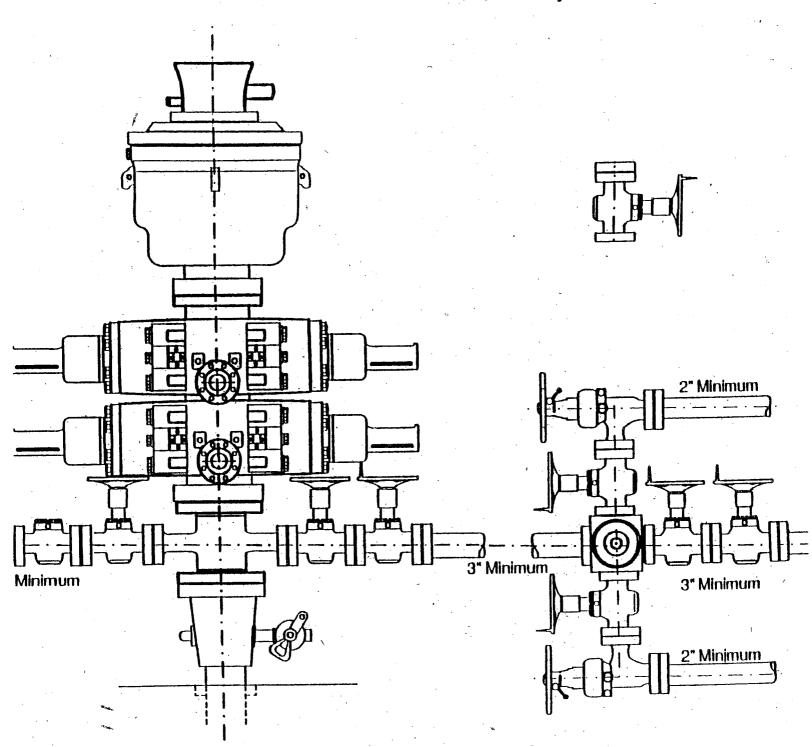
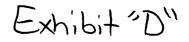


EXHIBIT C



# **NEWFIELD PRODUCTION COMPANY**

# PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, UINTAH AND DUCHESNE COUNTIES, UTAH

(NE 1/4, NW 1/4, Section 21, and NW 1/4, SE 1/4, Section 34, T 6 S, R 21 E, Horseshoe Bend Area; NE 1/4 & SE 1/4, Section 19, T 8 S, R 17 E, NE 1/4 & NW 1/4, NE, and NE 1/4 & NW 1/4, NW 1/4, and SW 1/4, NW 1/4, and NW 1/4, SW 1/4, Section 20 T 8 S, R 17 E; NE 1/4, & NW 1/4, NE 1/4, and NE 1/4, & NW 1/4, NW 1/4, Section 21, T 8 S, R 17 E, Greater Boundary Unit)

## **REPORT OF SURVEY**

Prepared for:

**Newfield Production Company** 

Prepared by:

Wade E. Miller Consulting Paleontologist July 24, 2006



state of DEPARTMENT OF NATURAL RESOURCES **DIVISION OF WATER RIGHTS** 

Michael O. Loavitt Governor Kathleen Clarke Executive Director Robert L. Morgan State Engineer 801-538-7467 (Fax)

1594 West North Temple, Suite 1:20 PO Box 146300 Salt Lake City, Utah 84114-6300 801-538-7240

August 11, 2000

Target Trucking 3-10008 Dan AcKee or R.C. Hacking 3960 North 500 East Vernal, UT 84078

Dear Applicanc:

RE: APPROVED APPLICATION NUMBER 43-10988 (F72511)

This is your authority to develop the water under the above referenced appl. cation which under Sections 73-3-10 and 73-3-12, Utah Code Annotated, 1953, as amended, must be diligently prosecuted to completion. The water must be put to beneficial use and proof of beneficial use be made to the State Engineer on or before August 31, 2003; otherwise, the application will be lepsed.

Proof of beneficial use is evidence to the State Engine the water has been placed to its full intended beneficial use. By law, it must be prepared by a registered engineer or land surveyor, who will certify to the location and the uses for the water. Your proof of beneficial use will become the basis for the extent of your water right.

Failure on your part to comply with the requirements of the statutes may result in forfeiture of this application. It is the applicant's obligation to maintain a current address with this office. Please notify this of live inmediately of any change.

Also enclosed are two post cards. You must give the Driller (Start) Card to the licensed driller with whom you contract to construct the well(s). The other card is the Applicant Card which is your responsibility to sign and recurn to this office immediately after final completion of the well. CAUTION: There may be local health department requirements for the actual siting of your well. Please check with the proper local authority before construction begins.

Your contact with this office, should you need it, is with the Vernal Regional Office. The telephone number is (435)781-5327.

Sincerely,

Robert L. Morgan, P State Engineer

RLM:et

Encl.: Memorandum Decision

-) of 3

WHEREAS, the Ute Tribal Business Committee, has the right to approve or becauly sale, disposition, lease or environment of Tribal Lands, interest in Tribal lands or other Tribal assets, which may be authorized or execute by officials or Agency of the Government, provides that no Tribal lands shall ever be encumbered or sold, except leases for mining purposes or on intimble 1 and may be made for such longer periods as may be authorized by law;

- 6

- WHEREAS, Energy producers Reconvation while have a need for industrial water to double of and gas wells; and
- WHEREAS, AC/DC Fence and Roustabout Company proposes to pump water out and to build French drains, if needed, from Reservation wide to supply industrial water to the energy producers for the purpose of drilling oil and gas wells; and
- WHEREAS, Energy producers within the boundaries of the U & O reservation; have a need for industrial water to drill oil and gas wells. Also, to build French drains, as needed; and
- WHEREAS, AC/DC Fencing and Roustabout Company, proposes to pay the Ute Indian Tribe a reasonable market value of five (5) cents for each barrel of water sold to energy producers through their company, and twenty-five (.25) cents to AC/DC for a total of the product per barrel,

NOW, THEREFORE, BE IT RESOLVED BY THE TRIBAL BUSINESS COMMITTEE OF THE UTE INDIAN TRIBE OF THE UINTAH AND OURAY RESERVATION, UTAH, in order to promote independent business among tribal members, and to foster the economic welfare of tribal members and to develop if needed Group VI water rights of the Ute Indian Tribe, the Ute Indian Tribe hereby grants authority to AC/DC Fence and Roustabout Company to develop resources Reservation wide for the purpose of energy development.

BE IT FURTHER RESOLVED, that ACADC Fence and Roustabout pay a reasonable market value for all water and through their company for a period of two (2) year.

Davider that ABSENT M. Maxine Natchecs, Chairman Smiley Arrowchis, Vice-Chairman KILD. Frances Poowegup, Member Ronald A ves. Member Irene Cuch, Member **Richard Jenks** 

343

## **STATION**

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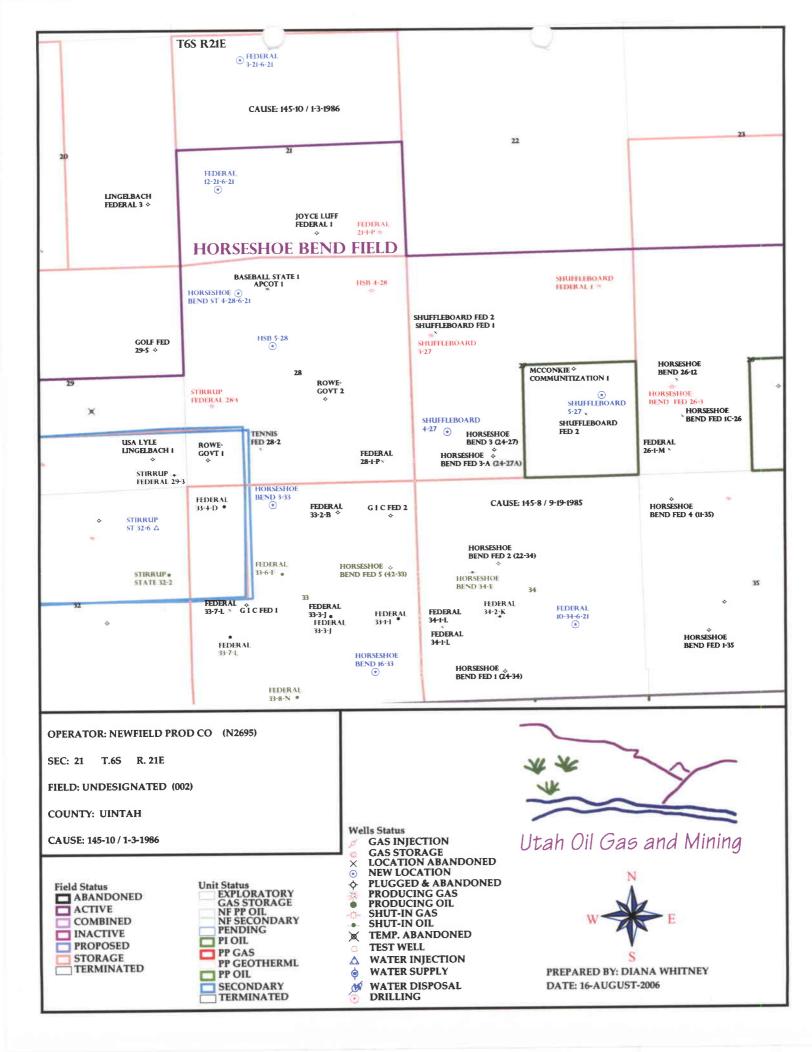
I hereby certification the discussion of Resolution was adopted by the Fill Mesiness Committee of the Ute Scalar Trace c Uintah and Ouray Reservation, Uten at a duly called meeting and the discussion of the 13 day of July, 2005, and 1 time a guorum was preserved and volud 5 FOR, 0 AGAINST, 0 Cossil a chard of and 1 ABSENT.

Demetery of the Trade Destroy of the

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/15/2006	API NO. ASSIGNED: 43-047-38478
WELL NAME: FEDERAL 3-21-6-21	
OPERATOR: NEWFIELD PRODUCTION (N2695)	PHONE NUMBER: 435-646-3721
CONTACT: MANDIE CROZIER	
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NENW 21 060S 210E	Tech Review Initials Date
SURFACE: 0608 FNL 1547 FWL BOTTOM: 0608 FNL 1547 FWL	Engineering
COUNTY: UINTAH	Geology
LATITUDE: 40.28998 LONGITUDE: -109.5645 UTM SURF EASTINGS: 622021 NORTHINGS: 44607	20 Surface
FIELD NAME: UNDESIGNATED (2	
LEASE TYPE: 1 - Federal	
LEASE NUMBER: UTU-30289	PROPOSED FORMATION: UNTA
SURFACE OWNER: 1 - Federal	COALBED METHANE WELL? NO
<pre>     Plat     Bond: Fed[1] Ind[] Sta[] Fee[]     (No. UTB000192 )     Potash (Y/N)</pre>	<pre> R649-2-3. Unit:  R649-3-2. General Siting: 460 From Qtr/Qtr &amp; 920' Between Wel  R649-3-3. Exception ✓ Drilling Unit Board Cause No: <u>145/10</u> Eff Date: <u>1-3/1986</u> Siting: <u>500'fr boundarcoff 4 Genom</u>  R649-3-11. Directional Drill</pre>
COMMENTS:	

: .





# State of Utah

# Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > August 17, 2006

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

Re: Federal 3-21-6-21 Well, 608' FNL, 1547' FWL, NE NW, Sec. 21, T. 6 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38478.

Sincerely Associate Director

pab Enclosures

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

Operator:	Newfield Production Company			
Well Name & Number	Federal 3-21-6-2	1		
API Number:	43-047-38478			
Lease:	UTU-30289			
Location: <u>NE NW</u>	Sec. <u>21</u>	T. <u>6 South</u>	<b>R.</b> <u>21 East</u>	

# **Conditions of Approval**

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338
- 3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

	DEPARTMEN	LAND MANAGE D REPORT spen or reentry	CMENT SON WELLS a different reservoir.	U	Expires: Ma ase Designatio <b>TU-30289</b> ndian, Allottee	au No. 1004-0135 rch 31, 1993 n and Serial No.
	SUBMIT IN	TRIPLICA	TE	7. If U N	-	greement Designation
	Gas Vell Other			FF	ll Name and N EDERAL 3-2 Well No.	
2. Name of Operator <b>NEWFIELD PRO</b> 3. Address and Telephone No.	DUCTION COMPANY	· · · · · · · · · · · · · · · · · · ·		10. Fie		78 r Exploratory Area IOE BEND
	yton Utah, 84052 435-6 ., T., R., m., or Survey Description) L NE/NW Sectio		1E		unty or Parish, INTAH C	State
12. CHECI			NATURE OF NOTICE, REPO TYPE O	DRT, OR OT		ГА
I. Describe Proposed or Completed O ally drilled, give subsurface local Newfield Produce approval date wa	ions and measured and true vertical depths	X Other and give pertinent date for all markers and zon sts to extend 8/17/07).	pletion ng Back Repair g Casing <u>Permit Extension</u> es, including estimated date of starting any propose es pertinent to this work.)* the Permit to Drill this v	Comple ed work. If well is o	Water Shut- Conversion Dispose Wa leport results of a tion or Recomple	uction e Fracturing Off to Injection tter multiple completion on Well ttion Report and Log form.)
		Appro Utah	oved by the Division of Is and Mining			
Ę	B-15-07 RM	Date: _O By: _D_	8-14-07 Deffell	-	RECE AUG 1	
14. I hereby certify that the foregot Signed Mandie CC: UTAH DOGM	ing is true and correct	Title	Regulatory Specialist		Date	8/10/2007
(This space for Federal or Second	tate office use)					

Approved	by
----------	----

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious

Title

Date

or fradulent statements or representations as to any matter within its jurisdiction.

#### Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:43-047-38478Well Name:Federal 3-21-6-21Location:NE/NW Section 21,T6S R21ECompany Permit Issued to:Newfield Production CompanyDate Original Permit Issued:8/17/2006

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  $\Box$  No  $\Box$   $\bigcap \ominus$ 

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  $\square$  No  $\square$ 

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  $\Box$  No  $\blacksquare$ 

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□NoIZ

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□NoI

Is bonding still in place, which covers this proposed well? Yes ☑ No □

anature

gnature

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

8/10/2007

Date

AUG 1 4 2007

DIV. OF OIL, GAS & MINING

FOR`13160-5 (June 1990)	UNITE DEPARTMENT BUREAU OF LA	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.	
SUN	IDRY NOTICES AND	REPORTS ON WELLS	UTU-30289
Do not use this form fo	r proposals to drill or to deepe Use "APPLICATION FO	6. If Indian, Allottee or Tribe Name <b>NA</b>	
	SUBMIT IN T	TRIPLICATE	7. If Unit or CA, Agreement Designation NA
1. Type of Well           X         Oil           Well         Oil	Gas Well Other	<ol> <li>8. Well Name and No.</li> <li>FEDERAL 3-21-6-21</li> <li>9. API Well No.</li> </ol>	
	DUCTION COMPANY		43-047-38478 10. Field and Pool, or Exploratory Area HORSESHOE BEND
	Iyton Utah, 84052435-640ec., T., R., m., or Survey Description)VLNE/NW Section		11. County or Parish, State UINTAH COUNTY, UT.
12. CHEC	CK APPROPRIATE BOX(s) T	O INDICATE NATURE OF NOTICE, REPOR	
TYPE OF S	UBMISSION	TYPE OF	ACTION
	Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other Permit Extension	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
	Operations (Clearly state all pertinent details, an cations and measured and true vertical depths for	nd give pertinent dates, including estimated date of starting any proposed v r all markers and zones pertinent to this work.)*	vork. If well is direction-

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/17/06.

This APD has not yet been approved by the BLM.

		Approved by the Utah Division of Oil, Gas and Mining		
	Dat By:	E TO COLLIN	Date:	ENT TO OPERATOR 8-4-2008 K-S
14. I hereby certify that the foregoing is true and correct Signed Mandie Crozier	Title	Regulatory Specialist	Date	7/28/2008
CC: UTAH DOGM (This space for Federal or State office use)		<u></u>	<u> </u>	
Approved by	Title		Date	
Conditions of approval, if any:				
CC: Utah DOGM				RECEIVED
Title 18 U.S.C. Section 1001, makes it a crime for any person knowing or fradulent statements or representations as to any matter within its jur		y to make to any department or agency of the Unit	ed States any false, fic	JUL 2 9 2008

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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□NoI

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  $\Box$  No

Is bonding still in place, which covers this proposed well? Yes ☑ No □

Signature

7/28/2008

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

JUL 2 9 2008

DIV. OF OIL, GAS & MINING

September 2011       UNITED STATES DEPARTMENT OF THE INTERIOR BURGATION OF THE INTERIOR AND 15 2006       AUG 1 5 2006         APPLICATION FOR PERMIT TO DRILL OR REENTER       S. Cares Sential No. UTU32292       I. United No. The Andrew State of Care Name         a. Type of Work:       DEMIL       REENTER       No.         b. Type of Work:       DEMIL       REENTER       No.         Andres of Great       DEMIL       REENTER       No.         Control of VAL (Great Control Andrew of the accordance work and State regulareaments.?       No.       REENTER         Andres of Great       DEMIL       DEMIL       NE.NW       Sca. 21, TGS R21E         Demote train develop of Monton of the accordance work and State regulareaments.?       No.       NE.NW       Sca. 21, TGS R21E         Andres of the monopool	Second 2001)       UNITED STATES DEPARTMENT OF THE INTERIOR       AUG 1 5 2006         BURATIVENT OF THE INTERIOR       AUG 1 5 2006         APPLICATION FOR PERMIT TO DRILL OR REENTER       - Leure Section 2000         a. Type of Wolk:       DERIC       - REINTER         b. Type of Wolk:       DERIC       - REINTER       - REINTER         b. Type of Wolk:       DERIC       - REINTER       - REINTER         b. Type of Wolk:       DERIC       - REINTER       - REINTER         b. Type of Wolk:       DERIC       - REINTER       - REINTER         b. Type of Wolk:       DERIC       - REINTER       - REINTER         b. Type of Wolk:       DERIC       - REINTER       - REINTER         b. Type of Wolk:       DERIC       - REINTER       - REINTER         Added       D. BLASS DON Stockade and coder down and accordinate work may State repriorements?       - Added       - Added Tool, Welk and Survey of Aver         Addition of Welk (Poper bockade accordinate work may State repriorements?       - Added Tool, Welk and Survey of Aver       - REINW         Addition to cance       BS       DEL       - Added Tool, Welk and Survey of Aver         Addition to cance       BS       DEL       - Added Tool, Welk and Survey of Aver         Adding to the state accordinate work may State re						
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b. Type of Wall:       Out Well:       Out Well	b. Type of Wall:       Oal Well:       Other       Single Zone       Matuiple Zone       Parent 3-21-6-21         Name of Operator:       2       API Wall No.       Parent 3-21-6-21       Parent 3-21-6-21         Walled Production Company       30. Phone No. (include area code)       10. February       Parent 3-24-6-21         Location of Well (Report location clearly and in accordance with any State requirements.*)       11. Sec. T. R. M. of Bik. and Survey or Area         Appropriation of Well (Report location clearly and in accordance with any State requirements.*)       11. Sec. T. R. M. of Bik. and Survey or Area         Appropriation of Well (Report location clearly and in accordance with any State requirements.*)       11. Sec. T. R. M. of Bik. and Survey or Area         Appropriation of Well (Report location clearly and in accordance with any State requirements.*)       12. County or Parist:       13. State         Datance form persod*       10. No. of Areas in Resc       11. Sec. T. R. M. of Bik. and Survey or Area       13. State         Approximately 17.5 miles southwest of Verinal. Utah       UT       UT       13. State         Datance form persod*       12. County or Parist:       13. State         Paristor (Table states in Resc       14. No. on file       14. Approximate date work will dart*         Approximate date work will state*       20. REMBAB. And AN. on file       14. Ondart*         Parent (Show	a. Type of Work: 🖾 DRILL	C REENTER			N/A	
Newfield Production Company     43     Gr. 584-7.g.       a. Adtess     [425] 646-3721     10. Etcld and Pool, or Explorating?       Attachess     [425] 646-3721     11. Steel, T., R., M., or Bik, and Survey or Area       Attache NE/NW     605° FNL 1547° FWL     11. Steel, T., R., M., or Bik, and Survey or Area       Attache NE/NW     605° FNL 1547° FWL     11. Steel, T., R., M., or Bik, and Survey or Area       Approach proposal?     12. Country or Parish     13. State       Distance for miles and direction from necess two no post office?     12. Country or Parish     13. State       Distance for miles and direction from necess two no post office?     10. No. of Acres in lease     17. Spacing Unit deficiented to this well property or takes is lasses, ft.       Operator of takes is lasses, ft.     Approv. 1,537     3,970'     UBB000192       Electricing (Show whether DF, KDB, RT, GL, etc.)     22. Approximate due work will start?     23. estimated duration       A string to entities to an explore the scating     Approv. 1,537     3,970'     UBB000192       Electricing (Show whether DF, KDB, RT, GL, etc.)     24. Attachments     24. Attachments       A string to entities to an expecting to entities and string to revise system Linds. If the 30 above, the operating and/or plans as may be required by a attached to this form:     4. Band to ouver the operating and/or plans as may be required by antividiate force to entities in a conduct spread fore the outling and the specific information and/or plans	Newfield Production Company     43     Applied 3847-8       a. Adters     [30. Phone No. (include area code)]     [10. Field and Pool, or Explorating?       Autor XB Box 3630, Myton UT 84052     [435) 646-3721     [10. Field and Pool, or Explorating?       I. Catatine or EVIII, Report location of clarify and in accordance with any State requirements; *)     I. See, T., R., M. or Bik, and Survey or Are       A tarbox NENW     BOS 'PLI 1547' FVIL     NENW     Sec. 21, T6S R21E       Approvabing network, and direction from nearest two in oped offloc*     I. See, T., R., M. or Bik, and Survey or Are       Distance for proposel*     I. See, T., R., M. or Bik, and Survey or Are       Distance for proposel*     I. County or Pariability     I. See, T., R., M. or Bik, and Survey or Are       Distance for proposel*     I. See, T., R., M. or Bik, and Survey or Are     NEINW     Sec. 21, T6S R21E       Distance for proposel*     I. See, T., R., M. or Bik, and Survey or Are     I. See, T., R., M. or Bik, and Survey or Are       Distance for proposel*     I. See, T., R., M. or Bik, and Survey or Are     I. See, T., R., M. or Bik, and Survey or Are       Distance for proposel*     I. See, T., R., M. or Bik, and Survey or Are     I. See, T., R., M. or Bik, and Survey or Are       Distance for proposel*     I. See, T., R., M. or Bik, and Survey or Are     I. See, T., R., M. or Bik, and Survey or Are       Distance for proposel*     I. See, T., R., M. or Bik, and Survey or Are     I. See, T.,	b. Type of Well: 🔲 Oil Well 🖾 Gas Well	<b>O</b> ther	Single Zone 🗔 Multi			)
Route #3 Box 3630, Myton UT 84052         (435) 646-3721         Horseation Bend           Location of Well (Report location clearly and in accordance with any State requirements: *)         11. See, T, R, M, or Blk, and Survey of Area           At suches NE/NW         508° FNL 1547° FNL         NE/NW         Sec. 21, TBS R21E           Approximation 17.5 miles southwest of Vernal, Utah         12. County of Parish         13. State           Diffuse from properties         10. No. of Acces in lease         17. Spacing Unit delicated to this woll           Optimes from properties         10. No. of Acces in lease         17. Spacing Unit delicated to this woll           Optimes from properties         19. Proposed Depth         20. BLACBIA Bond No. on Bile         13. State           Optimes from request location*         19. Proposed Depth         20. BLACBIA Bond No. on Bile         13. State           Obtimes from request location*         19. Proposed Depth         20. BLACBIA Bond No. on Bile         13. State           Obtimes from request location*         19. Optime Toron State and the requirements of Onstore OII and Gas Order No. I, shall be attached to this form:         14. Attachments           2 following, completed in accordance with the requirements of Onstore OII and Gas Order No. I, shall be attached to this form:         1. Bond to cover the operations unless covered by an existing bond on Bile (and the out of the state for the state for the out of the tout of the out of the out of the state for the out	Route #3 Box 3630, Myton UT 84052     (435) 846-3721     Hersashee Bend       Location of Well (Report location clearly and in accordance with any State requirements: ')     11. See, T, R, M, or Blik, and Survey or Arc       Alsaches NE/NW     608' FNL 1547' FWL     NE/NW     Sec. 21, T6S R21E       Approximatily 17.5 miles acutinector toon a post office*     12. County or Partial:     13. State       Approximatily 17.5 miles acutinectos toon a post office*     16. No. of Acres in lease     17. Spacing Unit dedicated to this well       Obtaines from proposed     0.00 (Man, NA funk     6.07     40 Acress       Obtaines from proposed     19. Proposed Depth     20. BL/MBLA Bond No. on file     UTB000192       Distance from proposed formation (T)     43.970'     UTB000192     23. Estimated duration       Also to narract well, file and march too for the second formation (T)     44. Outpref 2006     20. Estimate duration       A Outpref 2006     24. Attachments     24. Attachments       Software Use Plan (if the location is on National Forest System Links. Her     4. Bond to cover the operation unless covered by an existing bond on file ( and a state are proprieted in accordance with the requirements of Onsbore OII and Gas Order No.1, shall be attached to this form:     4. Bond to cover the operation induced to plans at may be required by antiburgital of files       Step Output Biol Manager 1     Nome (trinned/T pred)     0EC 15.2       Step Output Biol Manager 1     Nome (trinned/T pred)	Newfield Production Company				· -	78
Location of Well (Report location clearly and in accordance with any State requirements.*)     At surface NEAW 608 FNL 1547 FWL     At proposed prod. zore <u>0.5</u> <u>0</u>	Location of Well (Report Incation clearly and in accordance with any State requirements.")     At surface NEAW 608 FNL 1547 FWL At proposed prod. zone     63 2 2 7     1     1. Sec. T. R. M. or Blk. and Survey or Are     NEAW 508 FNL 1547 FWL At proposed prod. zone     63 2 2 7     1				10.		atory
Algeposed prod. zone     US     AUE     NERVE     NERVE     Sec. 21, T6S R21E       Detances to miles and direction from neserest town or post office*     12. County or Parish:     13. State       Detances form proposed*     Uintah     UT       Detances form proposed*     10. On Carces in lease     17. Spacing Unit detailed to this well       Detances form proposed*     40. Acres     19. Proposed Depth     20. BLM/EBA Bord No. on file       Detances form proposed*     3.970'     UTB000192     23. Examated durantion       48.39 GL     48.97 GL     24. Attachments     23. Examated durantion       48.39 GL     48.97 GL     24. Attachments     23. Examated durantion       48.39 GL     48.97 GL     40.97 Cores     3.970'     UTB000192       Elevations (Show whether DF, KDB, RT, GL, etc.)     24. Attachments     24. Attachments     24. Attachments       Stringe Up Rate (if the location is on National Forest System Lands, the     4. Bond to cover the operations unless covered by an existing bond on file (immution and/or plans as may be required by the adouted to the durantion.     5. Operator certification.     5. Such attacked to the operations unless covered by an existing bond on file (immution and/or plans as may be required by the durantion and/or plans as may be required by the durantion and/or plans as may be required by the duranted to the operations unless covered by an existing bond on file (immution and/or plans as may be required by the durante/trande)     5. Operator certi	At proposed prod. zone     6.5     245     1.1       Detances for material in miles and direction from nearest town or post-office*     12. County or Parish:     13. State       Detances for my proposed     Unitah     UT       Detances for my proposed     16. No, of Acres in lease:     Unitah     UT       Detances for my proposed     13. State:     Unitah     UT       Detances for my proposed     14. No, of Acres in lease:     17. Spreing Unit detailed to this well     UT       Detances for my proposed     19. Proposed Depth     10. BLMEBA Bond No. on file     19. Proposed Depth     13. State:       Detances for my proposed     21. Attachments     23. Estimated duration     4839 'GL       24. Attachments     24. Attachments     23. Estimated for max tow must bin miles       25 offlowing, completed in accordance with the requirements of Onstore Oil and Gas Order No. 1, shall be attached to this form:     3. Boad to cover the operations unless covered by an existing bond on file (Jama) above?       26 offlowing, completed in accordance with the requirements of Offlowing Container offlowing.     9. Boad to cover the operations unless covered by an existing bond on file (Jama) above?       31. State attraction from Marging Plane     Name (Prinned Tryned)     0. DEC 15 2       32. State attraction from Marging Plane     Name (Prinned Tryned)     0. DEC 15 2       33. State attractin the appropriate Fores     Name (Prinned Tryned)		n accordance with any	y State requirements.*)	11.	Sec., T., R., M., or Blk. a	nd Survey or Are
Distance in miles and direction from nearest town or post office*       12. County or Parish:       13. State         Distance from proposed*       Unitah       UT         Distance from proposed*       16. No. of Access in lease       17. Spacing Unit dedicated to this well         Distance from proposed*       19. Proposed Depth       20. BLM:BLA Bond No. on Rife         Distance from proposed*       19. Proposed Depth       20. BLM:BLA Bond No. on Rife         Distance from proposed*       3,970'       UTB000192         Elevations (Show whether DF, RDB, RT, GL, etc.)       24. Attachments         26 dilowing, completed in accordance with the requirements of Onshore Oil and Gas Order No. I, shall be attached to this form:         Well plat certified by a registered surveyor.       3.970'         A Drilling Plan.       6 Bond to cover the operations unless covered by an existing hond on file (r) and the appropriate Forest System Curds, the         Supposition of the operations unless covered by an existing hond on file (r) and the appropriate Forest System Curds, the         Supposition of the operations unless covered by an existing hond on file (r) and the appropriate Forest System Curds, the         Supposition of the operations unless covered by an existing hond on file (r) and the appropriate Forest System Curds, the operations unless covered by an existing hond on file (r) and the operations unless covered by an existing hond on file (r) and the operation and/or plans as may be required by (r) and/or plans as may be required of file. <td>Distance in miles and direction from nearest town or post office*       12. County or Parish:       13. State         Distance from proposal*       Unitah       UT         Distance from proposal*       16. No. of Access in lease       17. Spacing Unit dedicated to this well         Distance from proposal*       19. Proposed Depth       20. BLM/BLA Bond No. on file         Distance from proposal*       19. Proposed Depth       20. BLM/BLA Bond No. on file         Distance from proposal*       3,970'       UTB000192         Elevations (Show whether DF, RDB, RT, GL, etc.)       22. Approximate data work will start*       40. Acress         4839' GL       24. Attachments       24. Attachments         2 following, completed in accordance with the requirements of Onshare Oil and Gas Order No 1, shall be attached to this form:       4. Bond to cover the operations unless covered by an existing bond on file (max)         A Surface Use Plan (ff the location is on National Forset System Cands, the SUPO shall be filed with the appropriate Forset System Cands, the Superiment Picked Typed       5. Operator certification.         Signature Well by Gregorard       Name (Primad/Typed)       Diff. 2         Mandie Crozier       Name (Primad/Typed)       Diff. 2         Signature Well by Gregorard       Name (Primad/Typed)       Diff. 2         Signature A Information and/or plans as may be required by anticis of responsed Departone of the operatione on t</td> <td></td> <td>L</td> <td></td> <td>1</td> <td>IE/NW Sec. 21</td> <td>, T6S R21E</td>	Distance in miles and direction from nearest town or post office*       12. County or Parish:       13. State         Distance from proposal*       Unitah       UT         Distance from proposal*       16. No. of Access in lease       17. Spacing Unit dedicated to this well         Distance from proposal*       19. Proposed Depth       20. BLM/BLA Bond No. on file         Distance from proposal*       19. Proposed Depth       20. BLM/BLA Bond No. on file         Distance from proposal*       3,970'       UTB000192         Elevations (Show whether DF, RDB, RT, GL, etc.)       22. Approximate data work will start*       40. Acress         4839' GL       24. Attachments       24. Attachments         2 following, completed in accordance with the requirements of Onshare Oil and Gas Order No 1, shall be attached to this form:       4. Bond to cover the operations unless covered by an existing bond on file (max)         A Surface Use Plan (ff the location is on National Forset System Cands, the SUPO shall be filed with the appropriate Forset System Cands, the Superiment Picked Typed       5. Operator certification.         Signature Well by Gregorard       Name (Primad/Typed)       Diff. 2         Mandie Crozier       Name (Primad/Typed)       Diff. 2         Signature Well by Gregorard       Name (Primad/Typed)       Diff. 2         Signature A Information and/or plans as may be required by anticis of responsed Departone of the operatione on t		L		1	IE/NW Sec. 21	, T6S R21E
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Property of research (i.g., unit line, if any)       Approx. 606' fram. NA fount       547-84       40 Acres         Distance from proposed location*       19. Proposed Depth       20. BLM/BLA Bood No. on file         on memory and proposed location*       19. Proposed Depth       21. BLM/BLA Bood No. on file         operating with (rilling, completed, applied for, on this lease, ft.       Approx. 3,543       3,970'       UTB000192         21. Elevations (Show whether DF, KDB, RT, GL, etc.).       22. Approximate date work will start*       23. Estimated duration         4839' GL       24. Attachments         9 following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:         Well plat certified by a registered surveyor.       A Drilling Plan.         A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest System Cands, the Suport certification.         Signature       Bond to cover the operations unless covered by an existing bond on file (7).         A Surface Use Plan (if the location is on National Forest System Cands, the Super Certification.         Signature       Bond to cover the operations unless covered by an existing bond on file (7).         Signature       Image Americal Resources         Mandie Crozier       Super Certification.         Signature       Nomme (PrintedTyped)         Man	Property of treasent drig, unit line, if any Approx. 606' flase, NA flunt       547-84       40 Acres         Distance from proposed location* to narcest will, filling, completed, applied for, on this lease, ft.       Approx. 3,543       3,970       UTB000192         Elevations (Show whether DF, KDB, RT, GL, etc.).       22. Approximate date work will start*       23. Estimated duration Approx. 9,543       24. Attachments         24. Attachments       24. Attachments       24. Attachments       25. Operations unless covered by an existing bond on file ( Improved by a registered surveyor.         A Drilling Plan.       As orfice Use Plan (if the location is on National Forest System Lands, the SUPO shall be fild with the appropriate Forest Service Office).       4. Bond to cover the operations unless covered by an existing bond on file ( Improved by Strengture)         Stignature       As unface Use Plan (if the location is on National Forest System Lands, the Regulatory Specialist       Name (Primed/Typed)       Date         Signature       Name (Primed/Typed)       Date       8/11/06         Between the appropriate Forest Service Office).       Name (Primed/Typed)       Die C 15 2         Context       Office       VERNAL Field OFFICE       Die C 15 2         Mandie Crozier       Berly Lawards       Office       Die C 15 2         Mandie Crozier       Name (Primed/Typed)       Die C 15 2       Die C 15 2         Machine and the applic	location to nearest			17. Spacing Un	it dedicated to this well	· ·
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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE 170 South 500 East VERNAL, UT 84078 (435) 781-4400



### **CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Well No: API No:	Newfield Production ( Federal 3-21-6-21 43-047-38478	Company	Location: Lease No: Agreement:	NENW, Sec. 21, T6S, R21E UTU-30289 N/A		
Title		Name	Office Phone	e Number	<b>Cell Phone Number</b>	
Petroleum E	ngineer:	Matt Baker	(435) 782	1-4490	(435) 828-4470	
Petroleum E	ngineer:	Michael Lee	(435) 78	1-4432	(435) 828-7875	
Petroleum E	ngineer:	Ryan Angus	(435) 78	1-4430	(435) 828-7368	
Supervisory	Petroleum Technician:	Jamie Sparger	(435) 781	1-4502	(435) 828-3913	
Supervisory NRS:		Karl Wright	(435) 782	1-4484	(435) 828-7381	
NRS/Enviro	Scientist:	Holly Villa	(435) 782	1-4404	(435) 828-3544	
NRS/Enviro	Scientist:	James Hereford	(435) 781	1-3412		
NRS/Enviro	Scientist:	Chuck Macdonal	d (435) 781	1-4441	(435) 828-7481	
NRS/Enviro	Scientist:	Dan Emmett	(435) 781	1-3414		
NRS/Enviro	Scientist:	Paul Percival	(435) 78	1-4493		
NRS/Enviro	Scientist:	Anna Figueroa	(435) 783	1-3407	(435) 828-3548	
NRS/Enviro	Scientist:	Verlyn Pindell	(435) 78	1-3402	(435) 828-3547	
NRS/Enviro	Scientist:	Nathan Packer	(435) 78	1-3405	(435) 828-3545	
NRS/Envori	Scientist:	David Gordon	(435) 781	-4424		
			Fax: (435) 78	81-3420		

#### <u>A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR</u> <u>FIELD REPRESENTATIVE TO INSURE COMPLIANCE</u>

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

Location Construction (Notify Environmental Scientist) Location Completion (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads. Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

#### **NOTIFICATION REQUIREMENTS**

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

### SITE SPECIFIC COAs:

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

#### **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded using a rangeland drill. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1<sup>st</sup> until snow or ground is frozen) with the following seed mix: *(Seed mix may change if current mix does establish itself)*.

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	Elymus elymoides	3.0	1/4 - 1/2"
Siberian wheatgrass	Agropyron fragile	1.0	1⁄2"
Shadscale saltbush	Atriplex confertifolia	0.50	1⁄2"
Four-wing saltbush	Atriplex canescens	0.50	1⁄2"
Gardner's saltbush	Atriplex gardneri	0.50	1⁄2"
Scarlet globemallow	Sphaeralcea coccinea	0.10	$\frac{1}{8} - \frac{1}{4}$ "

#### Seed mix:

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

#### • Final reclamation:

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim unless otherwise instructed.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other
  applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of
  the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide
  Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or
  other
  possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

#### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- 3M BOPE shall be installed and tested on the 8-5/8" surface casing.
- Production casing cement shall be brought to surface.
- Newfield Production Co. shall adhere to all referenced requirements in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal On-shore Oil and Gas Orders. A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in</u> advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	_	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER:
	UTU-30289		
	RY NOTICES AND REPORTS ON	_	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen exis Jgged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: FEDERAL 3-21-6-21
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	IPANY		9. API NUMBER: 43047384780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 8-		PHONE NUMBER:	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0608 FNL 1547 FWL QTR/QTR, SECTION, TOWNSH	ID RANGE MERIDIAN.		COUNTY: UINTAH
	. Township: 06.0S Range: 21.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
		ALTER CASING	CASING REPAIR
✓ NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
7/31/2009	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:		FRACTURE TREAT	
Date of Work completion.		PLUG AND ABANDON	
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
		VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:		SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
I	DMPLETED OPERATIONS. Clearly show all pertiner ts to extend the Permit to Drill th		olumes, etc.
Newneid reques	is to extend the Permit to Drift th	is well for one year.	Approved by the
			Utah Division of
			Oil, Gas and Mining
		D	ate: June 30, 2009
		2	V m cut M
		В	y: Droby Hall
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 6/29/2009	
		0,23,2005	

**RECEIVED** June 29, 2009



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 43047384780000**

API: 43047384780000 Well Name: FEDERAL 3-21-6-21 Location: 0608 FNL 1547 FWL QTR NENW SEC 21 TWNP 060S RNG 210E MER S Company Permit Issued to: NEWFIELD PRODUCTION COMPANY Date Original Permit Issued: 8/17/2006

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 🔵

Approved by the No Utah Division of Oil, Gas and Mining

Signature:	Mandie Crozier	Date:	6/29/2009	
Title:	Regulatory Tech Repr	esenting:	NEWFIELD PRODUCTION COMPANY <b>Date:</b> June 30, 2009	
	5 / 1	-		

	STATE OF UTAH	c	FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-30289		
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: FEDERAL 3-21-6-21
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	IPANY		9. API NUMBER: 43047384780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 8-		NE NUMBER:	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0608 FNL 1547 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NENW Section: 21	L Township: 06.0S Range: 21.0E Meridian:	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
1		ALTER CASING	CASING REPAIR
✓ NOTICE OF INTENT Approximate date work will start: 8/17/2010	□ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
0/1//2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:		FRACTURE TREAT	
	OPERATOR CHANGE	PLUG AND ABANDON	
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	
			WATER DISPOSAL
DRILLING REPORT Report Date:		SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
1	DMPLETED OPERATIONS. Clearly show all pert sts to extend the permit to drill		volumes, etc.
Newneid reques	is to extend the permit to drin	this well for one year.	Approved by the
			Utah Division of
			Oil, Gas and Mining
		D	ate: August 23, 2010
			$\sum_{n=1}^{\infty} \frac{n \log \log 23}{\log 23}$
		E	By: Dole Hul
NAME (PLEASE PRINT) Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	TITLE Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 8/13/2010	
L			



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 43047384780000**

API: 43047384780000 Well Name: FEDERAL 3-21-6-21 Location: 0608 FNL 1547 FWL QTR NENW SEC 21 TWNP 060S RNG 210E MER S Company Permit Issued to: NEWFIELD PRODUCTION COMPANY Date Original Permit Issued: 8/17/2006

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.

- 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

• Has the approved source of water for drilling changed? 🔵 Yes 廮 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? O Yes I No
- Is bonding still in place, which covers this proposed well? 🔘 Yes 🔵

 Oil, Gas and Mining

 Signature:
 Mandie Crozier
 Date:
 8/13/2010

 Title:
 Regulatory Tech Representing:
 NEWFIELD PRODUCTION COMPANY
 Date:
 August 23, 2010

August 23, 2010

Approved by the

No Utah Division of



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining JOHN R. BAZA Division Director

December 7, 2010

Mandie Crozier Newfield Production Co Route 3 Box 3630 Myton, UT 84052

Re: <u>APD Rescinded – Federal 3-21-6-21, Sec. 7, T.6S, R.21E</u> <u>Uintah County, Utah API No. 43-047-38478</u>

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on August 17, 2006. On August 14, 2007, July 31, 2008, June 30, 2009 and August 23, 2010 the Division granted a one-year APD extension. On December 6, 2010, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 6, 2010.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

ina Mason

Environmental Scientist

cc:

Well File Bureau of Land Management, Vernal



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT Green River District-Vernal Field Office 170 South 500 East Vernal, UT 84078 (435) 781-4400 Fax: (435) 781-4410 http://www.blm.gov/ut/st/en/fo/vernal.html



JAN 1 8 2011

IN REPLY REFER TO: 3160 (UTG011)

Mandie Crozier Newfield Production Company Route 3, Box 3630 Myton, UT 84052

3 0A7 38478

Re: Request to Rescind Approved APD And Notice of Expiration Well No. Federal 3-21-6-21 NENW, Sec. 21, T6S, R21E Uintah County, Utah Lease No. UTU-30289

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the above-referenced well was approved on December 15, 2008. This office is rescinding its approval of the referenced Application for Permit to Drill per your request to this office in an email message to Land Law Examiner Cindy Severson received on December 6, 2010. The APD approval also expired on December 15, 2010. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding APD processing, please contact Cindy Severson at (435) 781-4455.

## RECEIVED

FEB 0 1 2011

DIV. OF OIL, GAS & MINING

Sincerely,

James H. Sparger Acting Assistant Field Manager Lands & Mineral Resources

cc: UDOGM

#### Division of Oil, Gas and Mining Operator Change/Name Change Worksheet-for State use only

Effective Date:		1/24/2	020								
FORMER OPERATOR:			NEW OPERATOR:								
Newfield Production Company				Ovintiv Production, Inc.							
Groups: Greater Monument Butte											
WELL INFORMATION:											
Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Туре	Status		
See Attached List											
Total Well Count: OPERATOR CHANGES DOCUN 1. Sundry or legal documentation wa 2. Sundry or legal documentation wa 3. New operator Division of Corpora	as received from as received from	the FC	EW ope	-	755627-0143		3/16/2020 3/16/2020				
			••								
<b>REVIEW:</b> Receipt of Acceptance of Drilling Pr Reports current for Production/Disp OPS/SI/TA well(s) reviewed for full UIC5 on all disposal/injection/storag Surface Facility(s) included in operat	cost bonding: A ge well(s) Appro	ies: Approve			1/14/2021 12/21/2020 3/25/2020	9/2/2020					
NEW OPERATOR BOND VERIN State/fee well(s) covered by Bond N				B001834.A 107238142-Shut-In Bond							
DATA ENTRY: Well(s) update in the RBDMS on: Group(s) update in RDBMS on: Surface Facilities update in RBDMS Entities Updated in RBDMS on:	on:			1/14/2021 1/14/2021 1/14/2021					_		
COMMENTS:											

	STATE OF UTAH			FORM 9
	DEPARTMENT OF NATURAL RE DIVISION OF OIL, GAS ANI			5. LEASE DESIGNATION AND SERIAL NUMBER
				see attached list
SUNDRY	NOTICES AND REPO	ORTS ON WELL	S	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
Do not use this form for proposals to drill n drill horizontal k	new wells, significantly deepen existing wells be aterals. Use APPLICATION FOR PERMIT TO I	elow current bottom-hole depth, DRILL form for such proposals.	reenter plugged wells, or to	7 UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	GAS WELL OTH	1ER		8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR:				9. API NUMBER:
Newfield Production Com	pany			attached
3. ADDRESS OF OPERATOR: 4 Waterway Square Place St <sub>CIT</sub>	The Woodlands		HONE NUMBER: (435) 646-4936	10. FIELD AND POOL, OR WILDCAT: attached
4. LOCATION OF WELL				
FOOTAGES AT SURFACE:				COUNTY
QTR/QTR. SECTION, TOWNSHIP, RAN	IGE, MERIDIAN:			STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO IND	ICATE NATURE C	F NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	T		PE OF ACTION	
	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
Approximate date work will start	CASING REPAIR	NEW CONST	RUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS		HANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND A	BANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS		N (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMAT		ON OF WELL SITE	
	CONVERT WELL TYPE		E - DIFFERENT FORMATIO	OTHER
12. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly sho		of Newfield Prod	
This sundry is serve as no Inc. Attached is a list of a	all wells wells that will be ope	erated under Ovintiv	Production Inc e	
	all wells wells that will be ope NEV pany Ovin e Suite 100 4 W 30 The		ace Suite 100	
Inc. Attached is a list of a PREVIOUS NAME: Newfield Producion Com 4 Waterway Square Place The Woodlands, TX 7738	all wells wells that will be ope pany Ovin e Suite 100 4 W 30 The (435	erated under Ovintiv N NAME: htiv Production Inc. /aterway Square Pl Woodlands, TX 77	ace Suite 100 /380 Regulatory Ma	
Inc. Attached is a list of a PREVIOUS NAME: Newfield Producion Com 4 Waterway Square Plac The Woodlands, TX 7738 (435)646-4825	all wells wells that will be ope pany Ovin e Suite 100 4 W 30 The (435	erated under Ovintiv N NAME: htiv Production Inc. Vaterway Square Pl Woodlands, TX 77 5)646-4825	ace Suite 100 /380 Regulatory Ma	effective January 24, 2020.

STATE OF U		- 0			FORM 9
DEPARTMENT OF NATUR. DIVISION OF OIL, GAS	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list				
SUNDRY NOTICES AND R		DIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for proposals to drill new wells, significantly deepen existing drill horizontal laterals. Use APPLICATION FOR PER	-	attached or CA AGREEMENT NAME:			
	OTHER				L NAME and NUMBER:
2. NAME OF OPERATOR:					attached
Newfield Production Company				attac	
3. ADDRESS OF OPERATOR: 4 Waterway Square Place SL <sub>CLTY</sub> The Woodlands	ETX ZIP 77		PHONE NUMBER: (435) 646-4936		LD AND POOL, OR WILDCAT:
4. LOCATION OF WELL					
FOOTAGES AT SURFACE:				COUNT	Y
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:				STATE:	UTAH
11. CHECK APPROPRIATE BOXES TO	INDICATE	NATURE	OF NOTICE, REPOR	RT, OF	R OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
	Ľ	DEEPEN			REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	Γ.	FRACTURE	TREAT		SIDETRACK TO REPAIR WELL
Approximate date work will start.		NEW CONST			TEMPORARILY ABANDON
CHANGE TO PREVIOUS PL	ANS	OPERATOR			TUBING REPAIR
	L.				VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL STATUS			DN (START/RESUME)		WATER DISPOSAL WATER SHUT-OFF
Date of work completion:	FORMATIONS	-	ION OF WELL SITE		OTHER:
	Г. Г	_	TE - DIFFERENT FORMATION		UTHER.
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Cle	arly show all perti	nent details inc	luding dates, depths, volume	s, etc.	
This sundry is serve as notification of the formal of Inc. Attached is a list of all wells wells that will be	corporate na	me change	e of Newfield Produc	tion C	
PREVIOUS NAME: Newfield Producion Company	NEW NAM				
4 Waterway Square Place Suite 100	4 Waterway	Square P	lace Suite 100		
The Woodlands, TX 77380	The Woodla (435)646-48		7380		
(435)646-4825	(433)040-40	525			
		TITL	Regulatory Mana	ger, R	Rockies
R R AACI		IIL			
SIGNATURE AND ALL SUMMOL		DAT	e <u>3/16/2020</u>	- <del>1</del>	
(This space for State use only)					

# Division of Oil, Gas and Mining Operator Change/Name Change Worksheet-for State use only

Effective Date:		7/1/202	1							
FORMER OPERATOR:				NEW OPERATOR:						
Ovintiv Production, Inc.			Ovintiv USA, Inc.							
Groups: Greater Monument Butte		a la la gale	a statistics							
WELL INFORMATION:										
Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Туре	Status	
See Attached List										
See Attached List       4689         Pre-Notice Completed:       9/22/2021         OPERATOR CHANGES DOCUMENTATION:       1.         1. Sundry or legal documentation was received from the FORMEH       2.         2. Sundry or legal documentation was received from the NEW ope       3. New operator Division of Corporations Business Number: <b>REVIEW:</b> Receipt of Acceptance of Drilling Procedures for APD on:         Reports current for Production/Disposition & Sundries:       OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Du UIC5 on all disposal/injection/storage well(s) Approved on: Approved Surface Facility(s) included in operator change:			ER operator on: perator on: 9/15/2021 9/15/2021 5053175-0143 9/15/2021							
NEW OPERATOR BOND VERII State/fee well(s) covered by Bond N				Canvasback Fed 1-22-8-17 B001834-B						
DATA ENTRY: Well(s) update in the RBDMS on: Group(s) update in RDBMS on: Surface Facilities update in RBDMS Entities Updated in RBDMS on:				107238142A 11/24/2021 11/21/2021 11/24/2021 11/24/2021						

COMMENTS: 9/22/2021, Since the Newfield to Ovintiv operator change was processed at the beginning of 2021, Name change will only need to match the existing bonds in place under Ovintiv Production, Inc; no additiaonl bond will be required at this time.

STATE OF UTAH	FORM 9							
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list							
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:							
TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:							
2. NAME OF OPERATOR:	9. API NUMBER:							
Ovintiv Production, Inc.								
3. ADDRESS OF OPERATOR: 4 Waterway SQ PL STE 100 CITY The Woodlands STATE TX ZIP 77380 (281) 210-5100	10. FIELD AND POOL, OR WILDCAT:							
4. LOCATION OF WELL FOOTAGES AT SURFACE:	COUNTY:							
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH							
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO								
TYPE OF SUBMISSION TYPE OF ACTION								
	REPERFORATE CURRENT FORMATION							
NOTICE OF INTENT (Submit in Duplicate)     Image: Construction of the second seco	SIDETRACK TO REPAIR WELL							
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON							
7/1/2021 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR							
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE							
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL							
Date of work completion:	WATER SHUT-OFF							
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:							
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION								
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	es, etc.							
This sundry is to serve as notification that Ovintiv Production Inc. merged into Ovintiv USA In will be operated under Ovintiv USA Inc. effect July 1, 2021.	nc. Attached is a list of all wells that							
PREVIOUS NAME:NEW NAME:Ovintiv Production Inc.Ovintiv USA Inc.4 Waterway Square Place Suite 1004 Waterway Square Place Suite 100The Woodlands, TX 77380The Woodlands, TX 77380(281) 210-5100(281) 210-5100								
NAME (PLEASE PRINT) Julia Carter TITLE Manager, US Reg	egulatory Operations							
SIGNATURE Julian Canter DATE 9/8/2021								
This space for State use only)	ROVED							
By Ut	ah Division of							
	as, and Mining							
	rel Medina							
	ucilitation							