

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER Meagher 9-20-4-2		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT UNDESIGNATED		
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>				5. UNIT or COMMUNITIZATION AGREEMENT NAME		
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY				7. OPERATOR PHONE 435 646-4825		
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052				9. OPERATOR E-MAIL mcrozier@newfield.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Emerald Phoenix Oil Co.				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 111 Lincoln Rd #4, Spokane, WA 99208				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2159 FSL 719 FEL	NESE	20	4.0 S	2.0 W	U
Top of Uppermost Producing Zone	2159 FSL 719 FEL	NESE	20	4.0 S	2.0 W	U
At Total Depth	2159 FSL 719 FEL	NESE	20	4.0 S	2.0 W	U
21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 481		23. NUMBER OF ACRES IN DRILLING UNIT 40		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1453		26. PROPOSED DEPTH MD: 7150 TVD: 7150		
27. ELEVATION - GROUND LEVEL 5382		28. BOND NUMBER B001834		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478		

ATTACHMENTS

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Mandie Crozier	TITLE Regulatory Tech	PHONE 435 646-4825
SIGNATURE	DATE 06/22/2010	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013503990000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	7150		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	7150	15.5			

Proposed Hole, Casing, and Cement

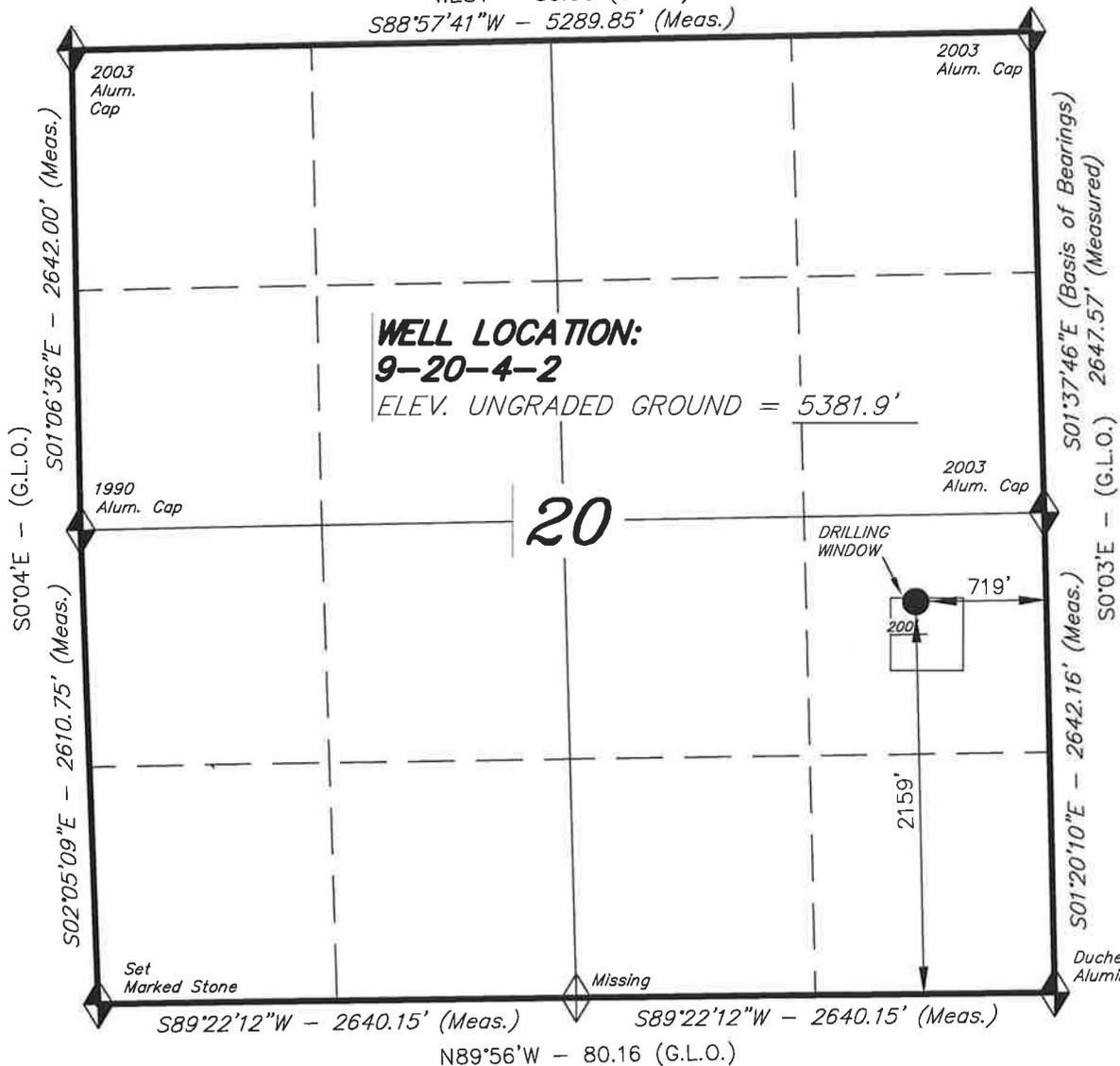
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	400		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	400	24.0			

T4S, R2W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

WEST - 80.30 (G.L.O.)
 S88°57'41"W - 5289.85' (Meas.)

WELL LOCATION, 9-20-4-2, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 20, T4S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



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

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

◆ = SECTION CORNERS LOCATED

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

9-20-4-2
 (Surface Location) NAD 83
 LATITUDE = 40° 07' 08.84"
 LONGITUDE = 110° 07' 34.84"

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

DATE SURVEYED: 03-02-10	SURVEYED BY: D.G.
DATE DRAWN: 03-03-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

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

This Easement and Surface Use Agreement ("Agreement") is entered into this 2nd day of June, 2010 by and between, **A-M, Inc, Sam Arentz, President whose address is 7350 Island Queen Drive, Sparks, NV 89436**, ("Surface Owner," whether one or more), and **NEWFIELD PRODUCTION COMPANY**, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 2 West Uintah Special Base and Meridian

Section 20: NESE, NWSE

Section 21: NESW, NWSW

160 acres more or less

Duchesne County, Utah

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

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

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 2, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

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

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

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

This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original for all purposes.

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

SURFACE OWNER

A-M, INC

NEWFIELD PRODUCTION COMPANY

By: 
Sam Arentz, President

By: _____
Dan Shewmake
Vice President - Development

STATE OF NEVADA)
)ss
COUNTY OF Washoe)

This instrument was acknowledged before me this 8th day of June, 2010 by **Sam Arentz, President for A-M, INC.**

Witness my hand and official seal.

My commission expires Aug 11, 2010

Johne Sue Bussard
Notary Public


STATE OF COLORADO)
)ss
COUNTY OF DENVER)

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

Witness my hand and official seal.

Notary Public

My commission expires _____

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

This Easement and Surface Use Agreement ("Agreement") is entered into this 2nd day of June, 2010 by and between, **Emerald Phoenix Oil Compay, LLC, Jim Ivers III, General Manager whose address is 111 Lincoln Road #4, Spokane, WA 99208**, ("Surface Owner," whether one or more), and **NEWFIELD PRODUCTION COMPANY**, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 2 West Uintah Special Base and Meridian

Section 20: NESE, NWSE

Section 21: NESW, NWSW

160 acres more or less

Duchesne County, Utah

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

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

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 2, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

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

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

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

This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original for all purposes.

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

SURFACE OWNER

EMERALD PHOENIX OIL COMPANY, LLC

By: 
Jim Ivers III, General Manager

NEWFIELD PRODUCTION COMPANY

By: _____
Dan Shewmake
Vice President - Development

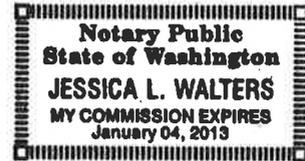
STATE OF WASHINGTON)
)ss
COUNTY OF Spokane)

This instrument was acknowledged before me this 10th day of June, 2010 by **Jim Ivers III, General Manager for Emerald Phoenix Oil Company, LLC.**

Witness my hand and official seal.

My commission expires Jan 4, 2013

Jessica L. Walters
Notary Public



STATE OF COLORADO)
)ss
COUNTY OF DENVER)

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

Witness my hand and official seal.

Notary Public

My commission expires _____

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

This Easement and Surface Use Agreement ("Agreement") is entered into this 2nd day of June, 2010 by and between, **Dale Meagher whose address is PO Box 122, Vernal, UT 84078**, ("Surface Owner," whether one or more), and NEWFIELD PRODUCTION COMPANY, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 2 West Uintah Special Base and Meridian

Section 20: NESE, NWSE

Section 21: NESW, NWSW

**160 acres more or less
Duchesne County, Utah**

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

1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated June 2, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

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

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

This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original for all purposes.

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

SURFACE OWNER

DALE MEAGHER

NEWFIELD PRODUCTION COMPANY

By: *Dale Meagher*
Dale Meagher, Surface Owner

By: _____
Dan Shewmake
Vice President - Development

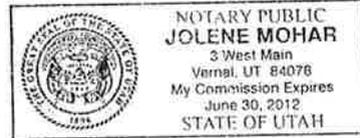
STATE OF Utah)
COUNTY OF Uintah)^{ss}

This instrument was acknowledged before me this 11 day of June, 2010 by **Dale Meagher**, Private Surface Owner.

Witness my hand and official seal.

My commission expires 6-30-12

Jolene Mohar
Notary Public



STATE OF COLORADO)
)^{ss}
COUNTY OF DENVER)

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

Witness my hand and official seal.

Notary Public

My commission expires _____

NEWFIELD PRODUCTION COMPANY
MEAGHER 9-20-4-2
NE/SE SECTION 20, T4S, R2W
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta	0' – 1,955'
Green River	1,955'
Wasatch	6,875'
Proposed TD	7,150'

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

Green River Formation (Oil) 1,955' – 6,875'

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

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

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

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

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

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: Meagher 9-20-4-2**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	400'	24.0	J-55	STC	2,950 13.15	1,370 10.77	244,000 25.42
Prod casing 5-1/2"	0'	7,150'	15.5	J-55	LTC	4,810 2.11	4,040 1.78	217,000 1.96

Assumptions:

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

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

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

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

b. **Cementing Design: Meagher 9-20-4-2**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	400'	Class G w/ 2% CaCl	183 215	30%	15.8	1.17
Prod casing Lead	5,150'	Prem Lite II w/ 10% gel + 3% KCl	356 1160	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

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

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

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

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

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

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

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

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

From surface to ±400 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±400 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

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

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

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

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

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

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

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

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

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

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

2-M SYSTEM

Blowout Prevention Equipment Systems

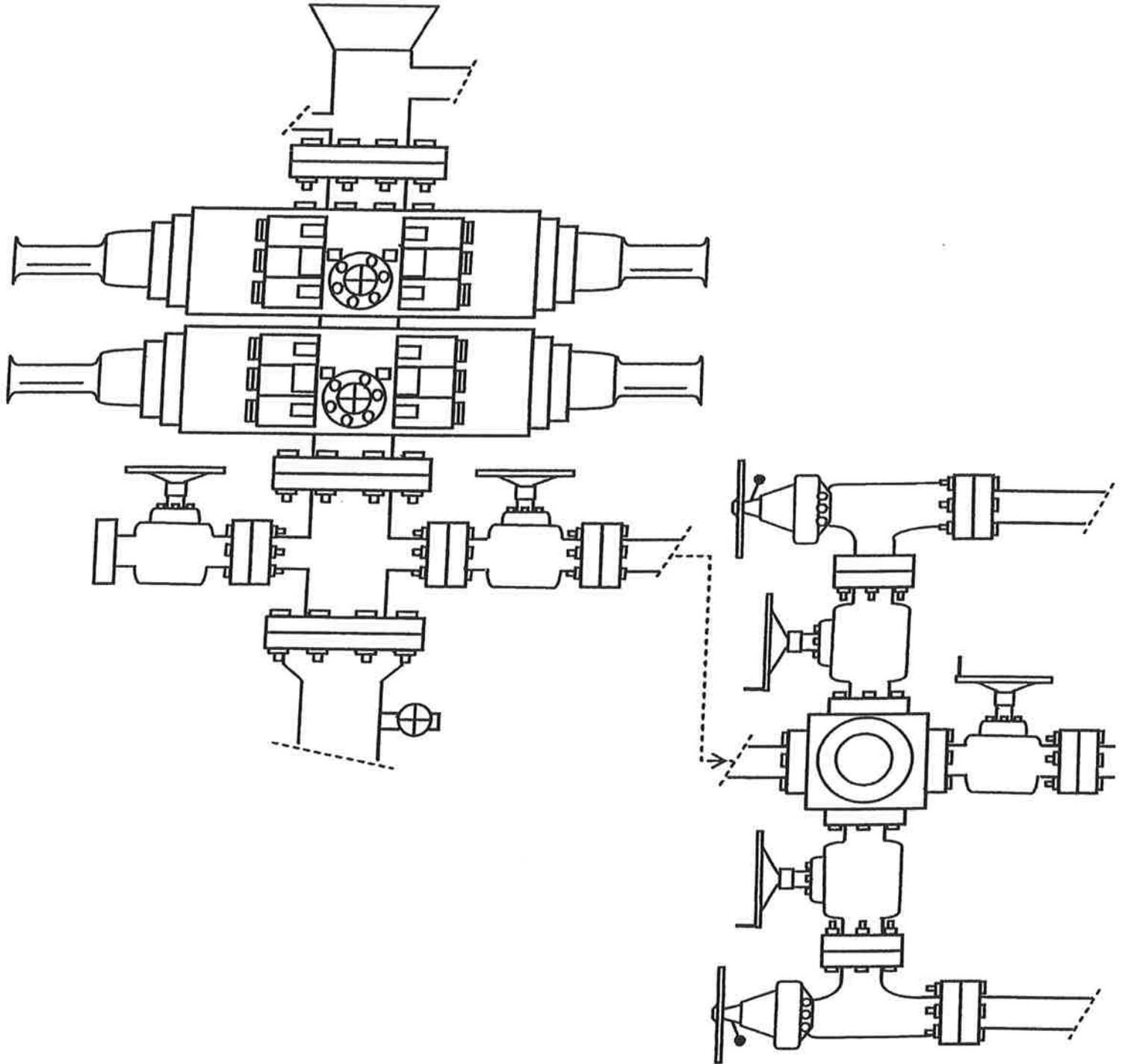
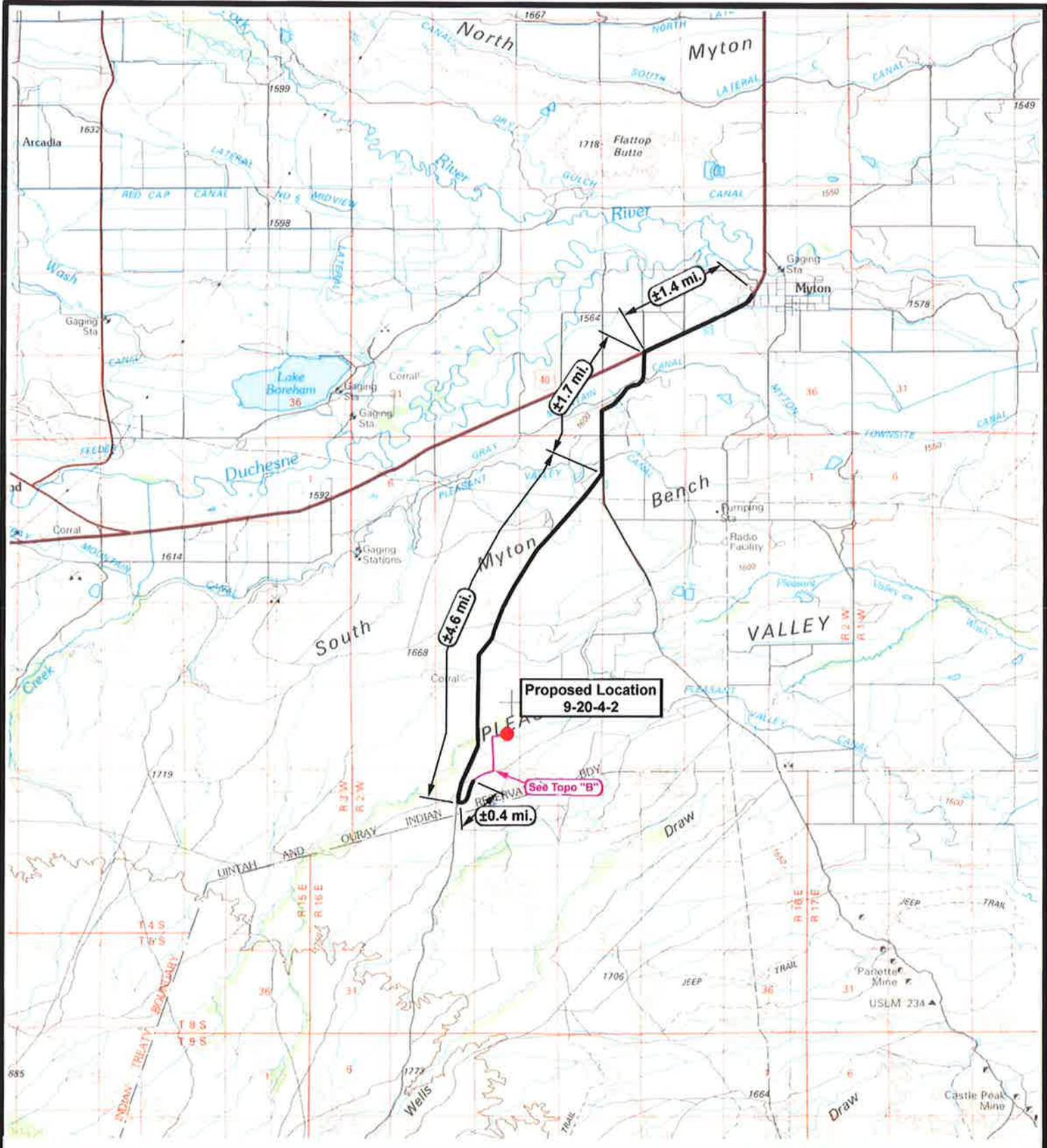
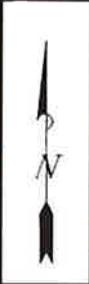


EXHIBIT C



9-20-4-2
SEC. 20, T4S, R2W, U.S.B.&M.



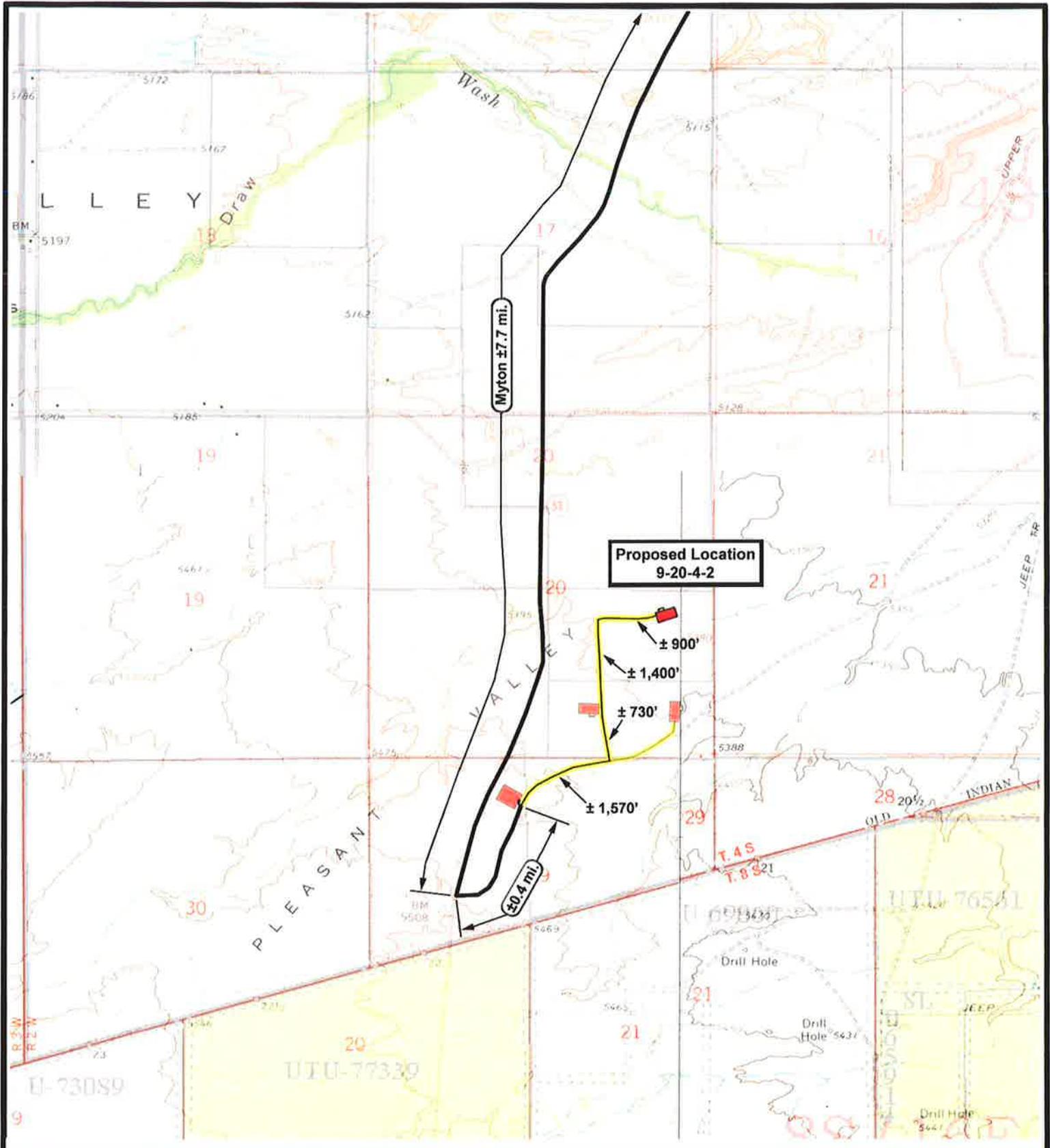
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1:100,000
DRAWN BY: mw
DATE: 03-04-2010

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9-20-4-2
SEC. 20, T4S, R2W, U.S.B.&M.



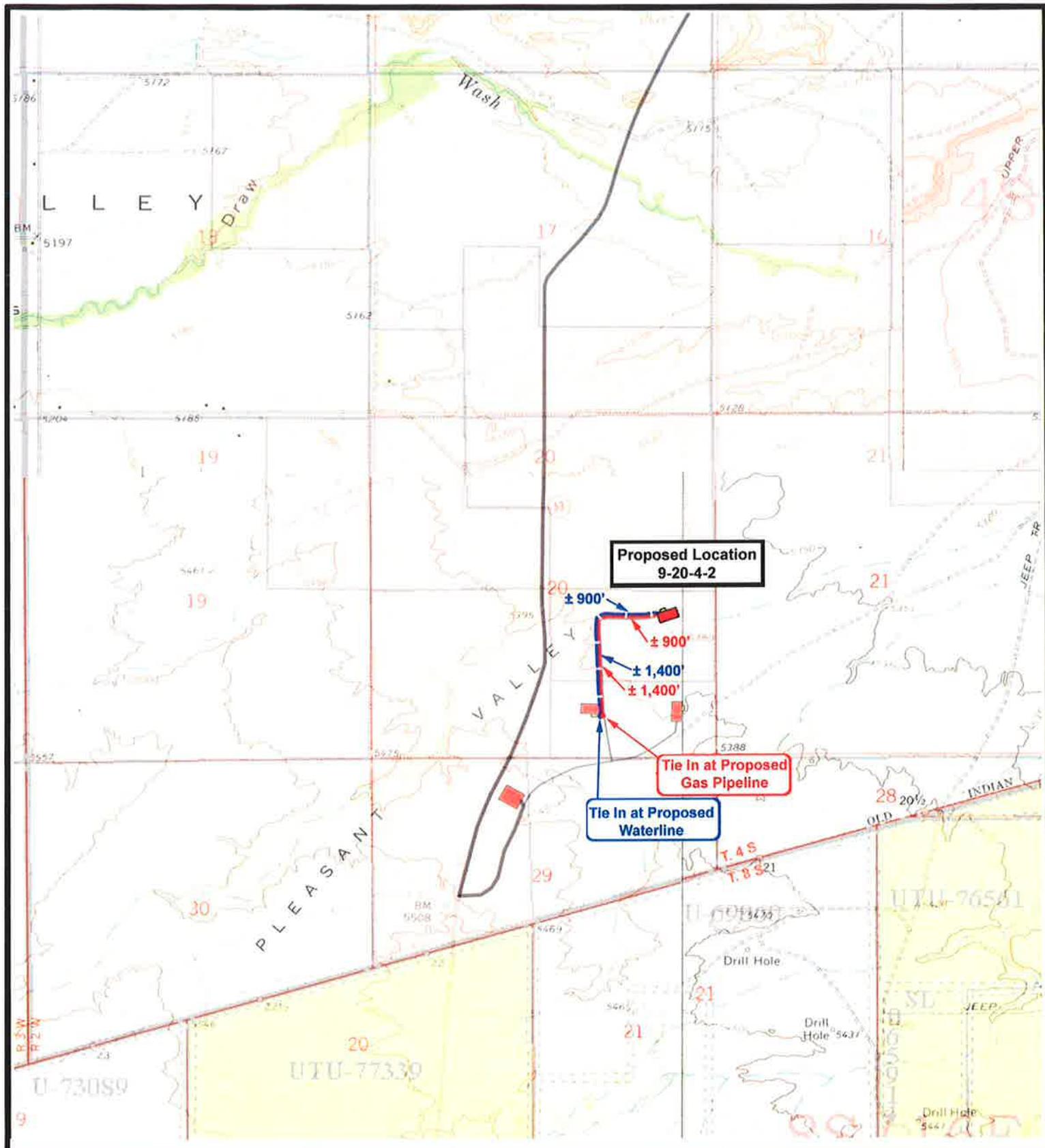
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 03-04-2010

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9-20-4-2
SEC. 20, T4S, R2W, U.S.B.&M.



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

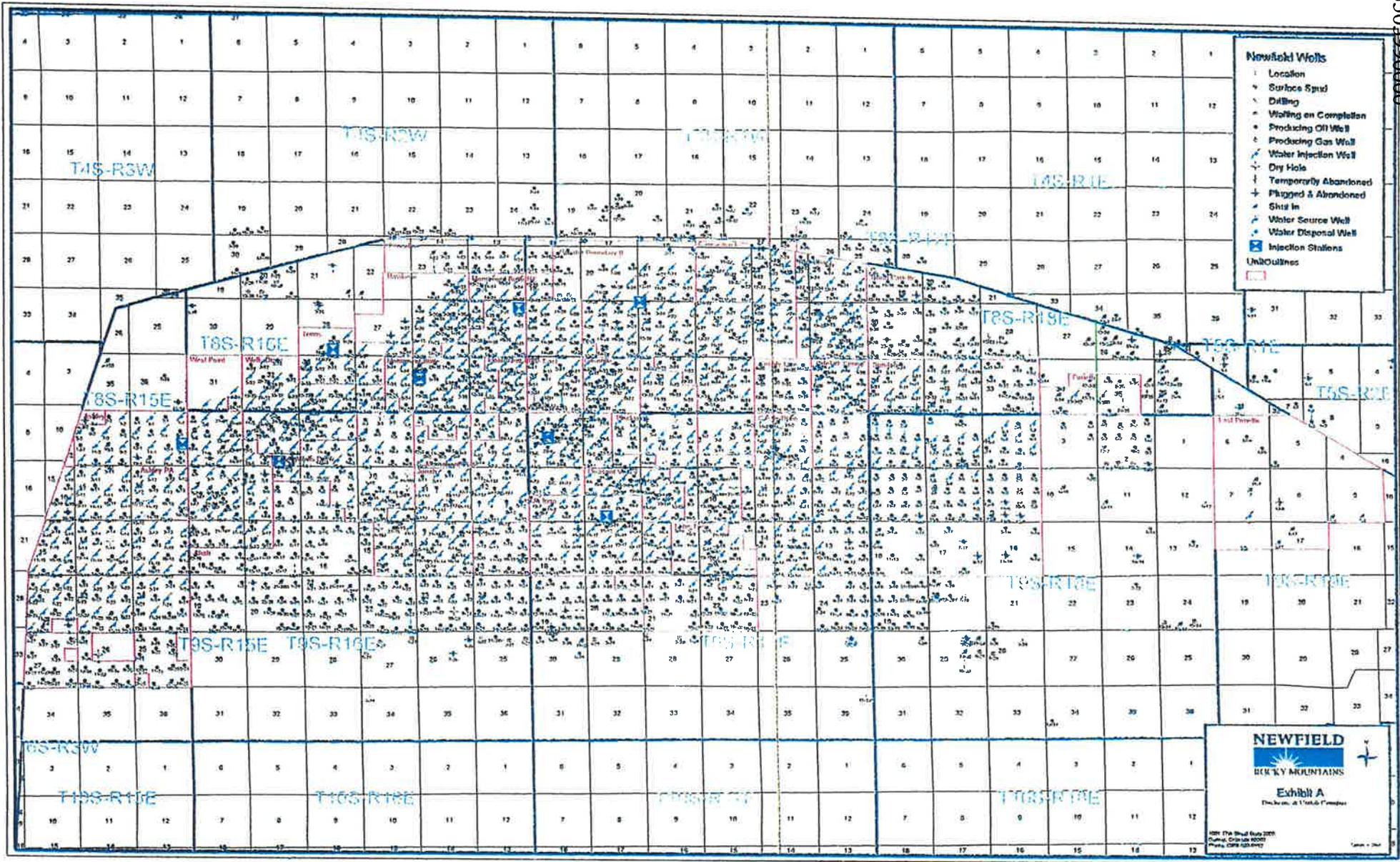
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DRAWN BY: mw
DATE: 03-04-2010

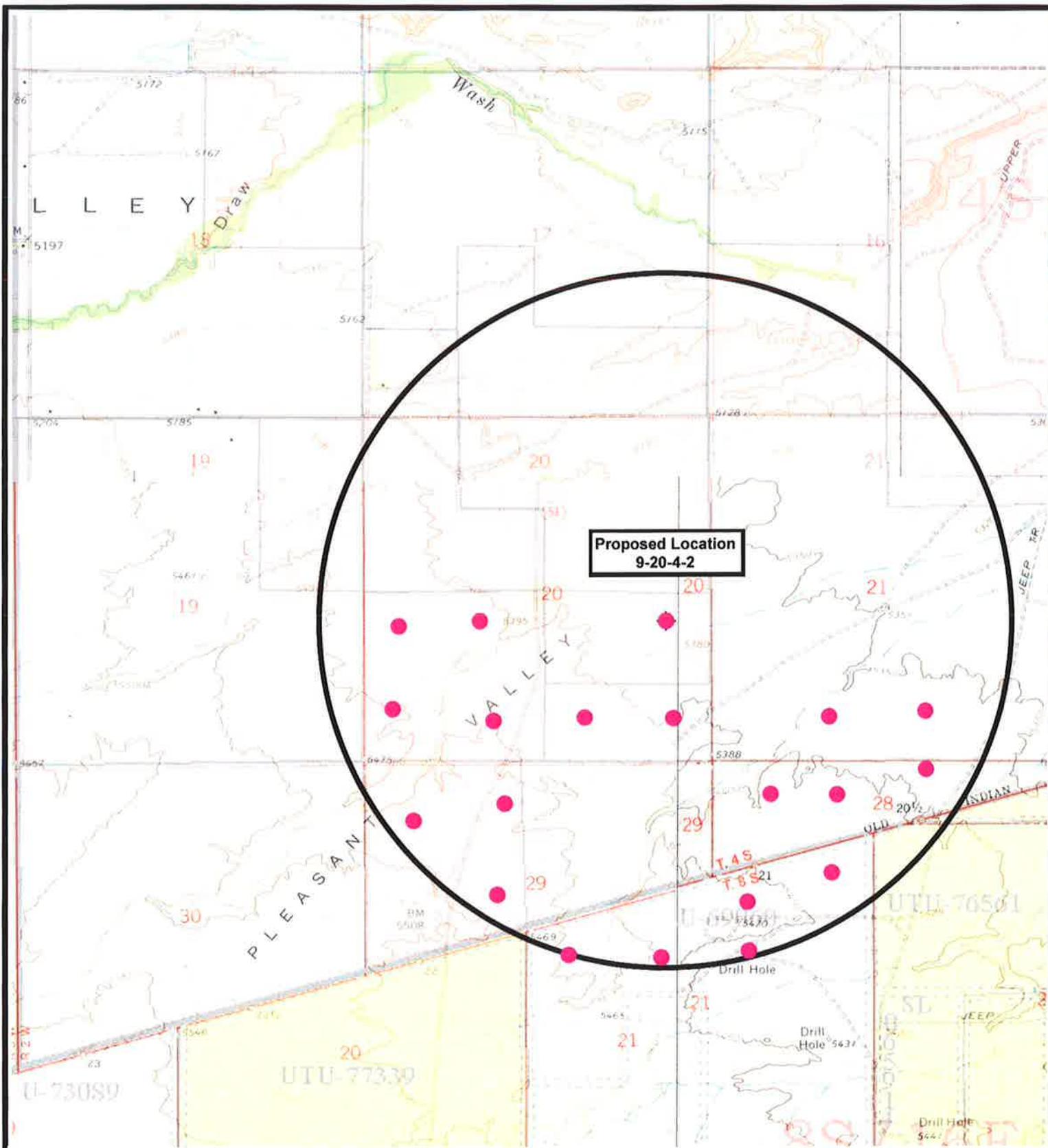
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"





9-20-4-2
SEC. 20, T4S, R2W, U.S.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 03-04-2010

Legend

- Location
- One-Mile Radius

Exhibit "B"

NEWFIELD PRODUCTION COMPANY
MEAGHER 9-20-4-2
NE/SE SECTION 20, T4S, R2W
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Meagher 9-20-4-2 located in the NE¼ SE¼ Section 20, T4S, R2W, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, approximately 1.4 miles to it's junction with an existing road to the south; proceed in a southwesterly direction approximately 6.3 miles to it's junction with an existing road to the east; proceed northeasterly approximately 0.4 miles to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road approximately 1,570'; turn and continue in a northerly direction along the proposed access road approximately 2,130'; turn and continue in a easterly direction along the proposed access road approximately 900' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

Approximately 4,600' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

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

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

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

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

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

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

There will be no water well drilled at this site

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

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

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

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

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

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** A-M Inc., Emerald Phoenix Oil Company, and Dale Meagher.
See the attached Memorandum of Surface Use Agreements.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 4,600' of planned access road to be granted. **Refer to Topographic Map "B"**. Newfield Production Company requests 2,300' of surface gas line to be granted. Newfield Production Company requests 2,300' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 3" poly fuel gas line, a buried 3" steel water injection line and a buried 3" poly water return line. The planned access road will consist of a 18' permanent running surface (9' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

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

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

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Meagher 9-20-4-2, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Meagher 9-20-4-2 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

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

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #9-20-4-2, NE/SE Section 20, T4S, R2W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in

conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

6/22/10
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

2-M SYSTEM

Blowout Prevention Equipment Systems

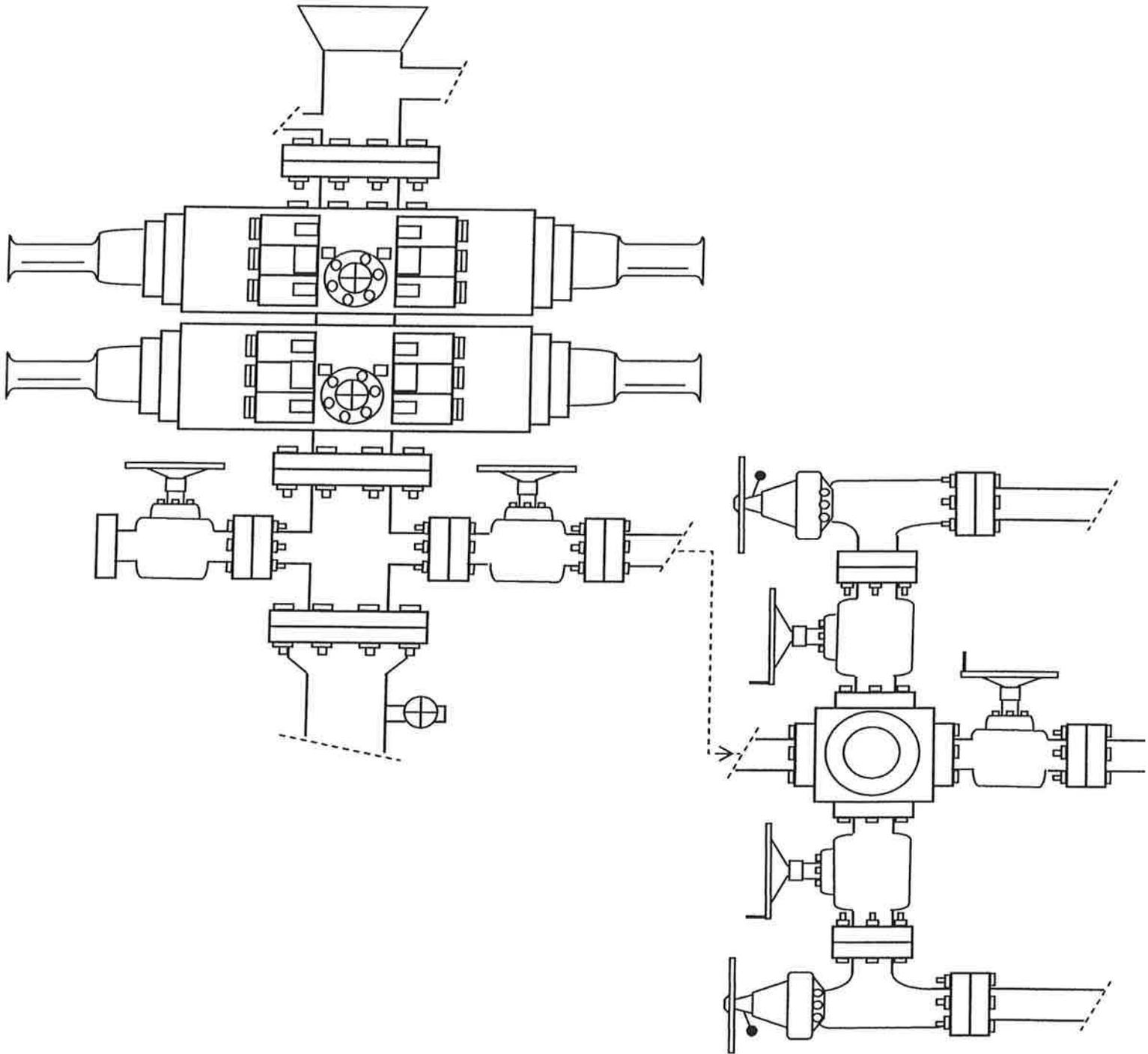
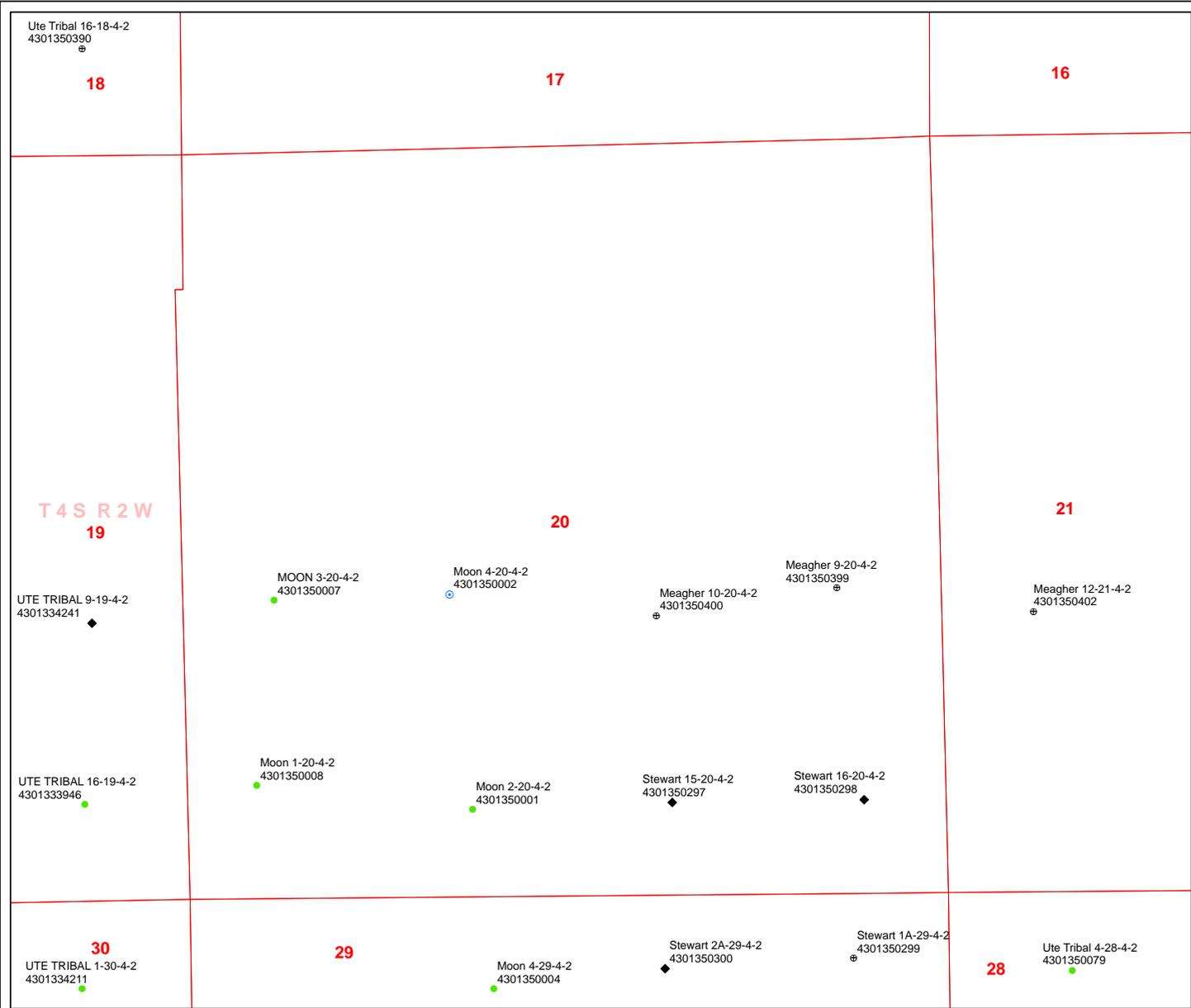


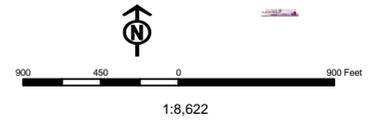
EXHIBIT C



API Number:
Well Name: Meagher 9-20-4-2
Township 04.0 S Range 02.0 W Section 20
Meridian: UBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

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



Well Name	NEWFIELD PRODUCTION COMPANY Meagher 9-20-4-2 4301350399000C		
String	Surf	Prod	
Casing Size(")	8.625	5.500	
Setting Depth (TVD)	400	7150	
Previous Shoe Setting Depth (TVD)	0	400	
Max Mud Weight (ppg)	8.3	8.4	
BOPE Proposed (psi)	500	2000	
Casing Internal Yield (psi)	2950	4810	
Operators Max Anticipated Pressure (psi)	3075	8.3	

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

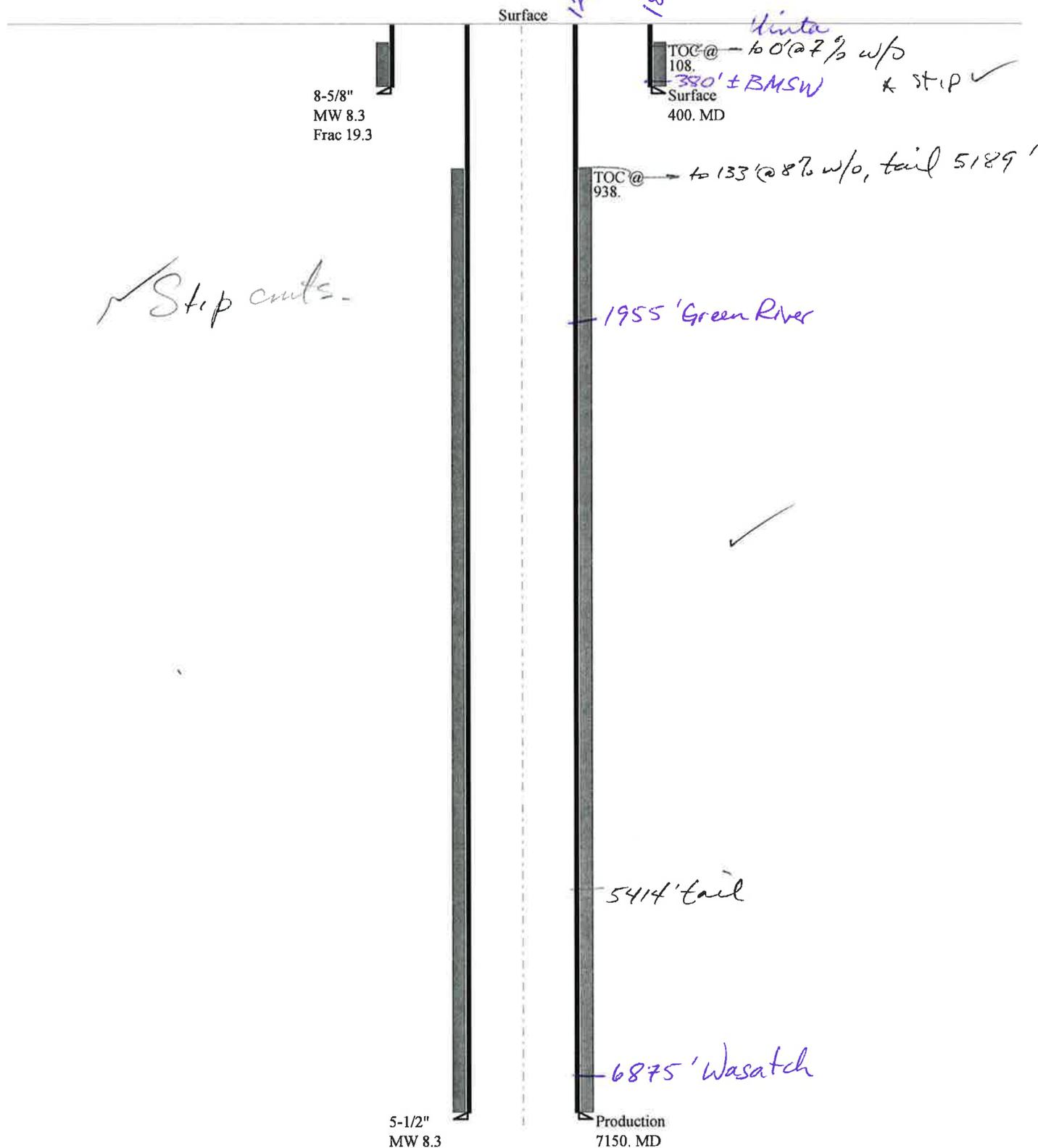
Calculations	Prod String	5.500	"
Max BHP (psi)	$.052 * \text{Setting Depth} * \text{MW} =$	3123	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$	2265	NO
MASP (Gas/Mud) (psi)	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$	1550	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	1638	NO Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		400	psi *Assumes 1psi/ft frac gradient

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

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

43013503990000 Meagher 9-20-4-2

Casing Schematic



Step cuts.

TOC @ 108. Surface 400. MD
TOC @ 100' @ 7% w/o
380' ± BMSW * STIP ✓

TOC @ 938. → 133' @ 8% w/o, tail 5189'

1955' Green River

5414' tail

6875' Wasatch

8-5/8"
MW 8.3
Frac 19.3

5-1/2"
MW 8.3

Production
7150. MD

Surface

Well name:	43013503990000 Meagher 9-20-4-2		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-013-50399
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 80 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: 108 ft

Burst

Max anticipated surface pressure: 352 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 400 psi

No backup mud specified.

Tension:

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

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

Non-directional string.

Re subsequent strings:

Next setting depth: 7,150 ft
 Next mud weight: 8.400 ppg
 Next setting BHP: 3,120 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 400 ft
 Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	2059
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	173	1370	7.917	400	2950	7.38	9.6	244	25.42 J

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

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

Date: July 20, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013503990000 Meagher 9-20-4-2		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-013-50399
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

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

Cement top: 938 ft

Burst

Max anticipated surface pressure: 1,521 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 3,094 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on air weight.
 Neutral point: 6,249 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7150	5.5	15.50	J-55	LT&C	7150	7150	4.825	25247
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3094	4040	1.306	3094	4810	1.55	110.8	217	1.96 J

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

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

Date: July 20, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7150 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Meagher 9-20-4-2
API Number 43013503990000 **APD No** 2726 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NESE **Sec** 20 **Tw** 4.0S **Rng** 2.0W 2159 **FSL** 719 **FEL**
GPS Coord (UTM) **Surface Owner** Emerald Phoenix Oil Co.

Participants

Floyd Bartlett (DOGM) and Tim Eaton (Newfield Production).

Regional/Local Setting & Topography

The general area is approximately 8.5 road miles southwest of Myton, Duchesne County, UT in the middle Pleasant Valley Wash area. Pleasant Valley Wash is an ephemeral drainage, which joins the Pariette Draw drainage. The drainage shows no signs of recent significant flows. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 11 miles downstream from the location. The area is above the agricultural lands of Pleasant Valley. Broad flats intersected by swales with gentle to moderate side slopes characterize topography. Access is by State, County and existing or planned oil field development roads. Approximately 2300 of new construction extending across private land will be required to reach the location.

The proposed Meagher 9-20-4-2 oil well location is oriented in a west to east direction on a flat which has a slight slope to the northeast. A shallow swale intersects the location. A diversion ditch as shown is desirable to collect and divert overland flows around the location. Maximum excavation is a cut of 3.3 feet at Location Corner 4. No springs, streams, seeps or ponds are known to exist in the immediate area. The selected site appears to be a good location for constructing a pad, drilling and operating a well.

Three heirs of the M.J. Meagher estate own both the minerals and the surface.

Surface Use Plan

Current Surface Use

Wildlife Habitat

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

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Vegetation on the area is a desert shrub type. Vegetation includes yucca, halogeton, horsebrush, rabbit brush, mustard, broom snakeweed, cheatgrass, Indian ricegrass, globe mallow, shadscale, bud sage, curly mesquite, rabbit brush, squirrel tail, winter fat and spring annuals.

Antelope, deer, prairie dogs, small mammals and birds. A burrowing owl was seen in the general area.

Soil Type and Characteristics

Deep sandy loam.

Erosion Issues N

Sedimentation Issues Y

. A shallow swale intersects the location. A diversion ditch as shown is desirable to collect and divert overland flows around the location.

Site Stability Issues N

Drainage Diversion Required? Y

. A shallow swale intersects the location. A diversion ditch as shown is desirable to collect and divert overland flows around the location.

Berm Required? Y

Erosion Sedimentation Control Required? Y

. A shallow swale intersects the location. A diversion ditch as shown is desirable to collect and divert overland flows around the location.

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

Reserve Pit

Site-Specific Factors	Site Ranking	
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	30
		1 Sensitivity Level

Characteristics / Requirements

A reserve pit 40' x 80' x 8' deep will be dug in the northwest corner of the location. A 10' outer bench is provided. The pit will be lined with a 16-mil liner and a sub-liner to cushion the liner as needed.

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

Other Observations / Comments

Floyd Bartlett
Evaluator

6/28/2010
Date / Time

Application for Permit to Drill Statement of Basis

7/22/2010

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2726	43013503990000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Emerald Phoenix Oil Co.	
Well Name	Meagher 9-20-4-2		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	NESE 20 4S 2W U 2159 FSL 719 FEL		GPS Coord (UTM)	574503E	4441134N

Geologic Statement of Basis

Newfield proposes to set 400' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 380'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

7/6/2010
Date / Time

Surface Statement of Basis

The general area is approximately 8.5 road miles southwest of Myton, Duchesne County, UT in the middle Pleasant Valley Wash area. Pleasant Valley Wash is an ephemeral drainage, which joins the Pariette Draw drainage. The drainage shows no signs of recent significant flows. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 11 miles downstream from the location. The area is above the agricultural lands of Pleasant Valley. Broad flats intersected by swales with gentle to moderate side slopes characterize topography. Access is by State, County and existing or planned oil field development roads. Approximately 2300 of new construction extending across private land will be required to reach the location.

The proposed Meagher 9-20-4-2 oil well location is oriented in a west to east direction on a flat which has a slight slope to the northeast. A shallow swale intersects the location. A diversion ditch as shown is desirable to collect and divert overland flows around the location. Maximum excavation is a cut of 3.3 feet at Location Corner 4. No springs, streams, seeps or ponds are known to exist in the immediate area. The selected site appears to be a good location for constructing a pad, drilling and operating a well.

Three heirs of the M.J. Meagher estate own both the minerals and the surface. Phone contact was made with Ms. Dale Meagher and Samuel Arentz (A-M INC) to invite them to the pre-site visit. Neither desired to attend. Mr. Samuel Arentz also stated that there was no need to contact Mr. Jim Ivers III of Emerald Phoenix Oil Corp., as he would not desire to attend. Signed landowner agreements exist with all surface owners.

Floyd Bartlett
Onsite Evaluator

6/28/2010
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

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

7/22/2010

Utah Division of Oil, Gas and Mining

Page 2

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 6/22/2010

API NO. ASSIGNED: 43013503990000

WELL NAME: Meagher 9-20-4-2

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NESE 20 040S 020W

Permit Tech Review:

SURFACE: 2159 FSL 0719 FEL

Engineering Review:

BOTTOM: 2159 FSL 0719 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.11912

LONGITUDE: -110.12570

UTM SURF EASTINGS: 574503.00

NORTHINGS: 4441134.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

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

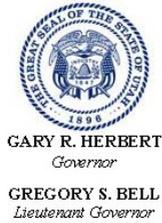
Commingle Approved

LOCATION AND SITING:

- R649-2-3.**
 - Unit:**
 - R649-3-2. General**
 - R649-3-3. Exception**
 - Drilling Unit**
 - Board Cause No:** Cause 266-01
 - Effective Date:** 5/5/2009
 - Siting:** 460' Fr Drl U Bdry & 920' Fr Other Wells
 - R649-3-11. Directional Drill**
-

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
25 - Surface Casing - hmacdonald



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Meagher 9-20-4-2
API Well Number: 43013503990000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 7/22/2010

Issued to:

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

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 266-01. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

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

Conditions of Approval:

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

Surface casing shall be cemented to the surface.

Additional Approvals:

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

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

Notification Requirements:

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

- Within 24 hours following the spudding of the well – contact Carol Daniels
- OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:



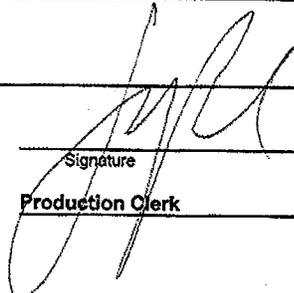
Acting Associate Director, Oil & Gas

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	17400 ✓	4301350218	FEDERAL E-36-8-16	SWSW	25 36	8S	16E	DUCHESNE	1/17/2011	1/26/2011
WELL 1 COMMENTS: GRRV BHL = Sec 36 NWNW											
B	99999	17400 ✓	4301350217	FEDERAL D-36-8-16	SWSW	25 36	8S	16E	DUCHESNE	1/14/2011	1/26/2011
GRRV BHL = Sec 36 NWNW											
B	99999	17400 ✓	4301350239	FEDERAL S-27-8-16	NESE	27	8S	16E	DUCHESNE	1/13/2011	1/26/2011
GRRV BHL = SWSE											
A	99999	17929	4301350399	MEAGHER 9-20-4-2	NESE	20	4S	2W	DUCHESNE	1/24/2011	1/26/2011
GRRV											
A	99999	17930	4301350319	UTE TRIBAL 3-16-4-2	NENW	16	4S	2W	DUCHESNE	1/21/2011	1/26/2011
GRRV											
B	99999	17400 ✓	4301350277	GREATER MON BUTTE FEDERAL P-25-8-16	NWSW	25	8S	16E	DUCHESNE	1/20/2011	
GRRV BHL SWSW											

ACTION CODES (See Instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

RECEIVED
 JAN 24 2011

Signature 
 Production Clerk Jentri Park
 01/24/11

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

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By
Adam Ferrari Phone Number 435-823-6740
Well Name/Number Meagher 9-20-4-2
Qtr/Qtr NE/SE Section 20 Township 4S Range 2W
Lease Serial Number Fee
API Number 43-013-50399

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

Date/Time 1/24/2011 12:00 AM PM

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

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

Date/Time 1/25/2011 10:00 AM PM

BOPE

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

Date/Time _____ AM PM

Remarks _____

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

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

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

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 20, T4S, ²R7W STATE: UT

8. WELL NAME and NUMBER:
MEAGHAR 9-20-4-2

9. API NUMBER:
4301350399

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
01/28/2011	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 1/24/11 MIRU Ross #29. Spud well @12:00 PM. Drill 435' of 12 1/4" hole with air mist. TIH W/ 10 Jt's 8 5/8" J-55 24# csgn. Set @ 426.10'. On 1/28/11 cement with 200 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 6 barrels cement to pit. WOC.

RECEIVED
FEB 03 2011
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Cheyenne Bateman TITLE _____

SIGNATURE  DATE 01/28/2011

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MEAGHAR 9-20-4-2

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301350399

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

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

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

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 20, T4S, R1W STATE: UT

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

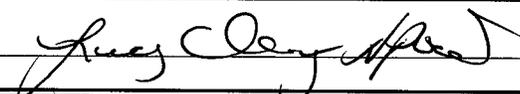
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/13/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 03-13-11, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 03/16/2011

(This space for State use only)

RECEIVED
MAR 21 2011
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MEAGHAR 9-20-4-2

1/1/2011 To 5/30/2011

3/4/2011 Day: 1

Completion

Rigless on 3/4/2011 - Run CBL & perforate stg #1 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 7063' & cement top @ 364'. Perforate stage #1, WSTCH sds @ (6973'-79') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen w/120° phasing) w/ 3 spf for total of 18 shots. RD H/O truck & The Perforators WLT & mast. Wait on frac crew EWTR 168 BBLS

Daily Cost: \$0

Cumulative Cost: \$13,098

3/7/2011 Day: 2

Completion

Rigless on 3/7/2011 - Frac well. Flow well back. - Stage #2: RU Extreme WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & perf guns. Set plug @ 6750'. Perferate CP5 sds w/ 3 spf for total of 18 shots. RU BJ & open well w/ 2538 psi on casing. Perfs broke down @ 2677 psi back to 2538 psi w/ 3 bpm w/ 2 bbls. Frac w/ 24,015#'s of sand in 366 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3526 w/ ave rate of 29 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2620 w/ .83FG. 5 min was 2563. 10 min was 2627. 15 min was 2530. Leave pressure on well. 1318 bbls EWTR. - Stage #6: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 4954'. Perferate GB4/2 sds w/ 3 spf for total of 27 shots. RU BJ & open well w/ 2047 psi on casing. Perfs broke down @ 2476 psi back to 2471 psi w/ 2 bbls @ 3 bpm. Frac w/ 21,680#'s of sand in 295 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3257 w/ ave rate of 36 bpm w/ 6 ppg of sand. ISIP was 2977 w/ 1.1FG. 5 min was 2378. 10 min was 2297. 15 min was 2270. RD BJ & WLT. Flow well back. Well flowed for 4 hours & turned to oil & gas. 2800 bbls EWTR. - Stage #5: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 5760'. Perferate B.5/D1 sds w/ 3 spf for total of 30 shots. RU BJ & open well w/ 2127 psi on casing. Perfs broke down @ 2334 psi back to 2313 psi w/ 2 bbls @ 3 bpm. Frac w/ 29,388#'s of sand in 374 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2513 w/ ave rate of 31 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2088 w/ .81FG. 5 min was 1885. 10 min was 1845. 15 min was 1786. Leave pressure on well. 3013 bbls EWTR. - Stage #4: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 6180'. Perferate LODC sds w/ 3 spf for total of 48 shots. RU BJ & open well w/ 2220 psi on casing. Perfs broke down @ 2318 psi back to 2230 psi w/ 2 bbls @ 3 bpm. Frac w/ 107,466#'s of sand in 775 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2569 w/ ave rate of 42 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2672 w/ .88FG. 5 min was 2683. 10 min was 2598. 15 min was 2511. Leave pressure on well. 2639 bbls EWTR. - Stage #1: RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 12 psi on casing. Perfs broke down @ 3800 psi back to 2990 psi w/ 5 bbls @ 4 bpm. ISIP was 2597 w/ .80FG. 1 min was 2503. 4 min was 2358. Pump 6 bbls of 15% HCL acid. Rec'd no loss in pressure when hit perfs. Pumped pad @ 3950 psi @ 20 bpm. Sweep w/ 3624#'s @ 2 ppg. Pump rest of frac. Cut sand by 10,000#'s. Frac w/ 18,465#'s of sand in 784 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3710 w/ ave rate of 23 bpm w/ 4 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3143 w/ .88FG. 5 min was 2904. 10 min was 2823. 15 min was 2907. Leave pressure on well. 952 bbls EWTR. - Stage #3: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 6501'. Perferate CP1/.5 sds w/ 3 spf for total of 24 shots. RU BJ & open well w/ 2277 psi on casing. Perfs broke down @ 2368 psi back to 2353 psi w/ 2 bbls @ 3 bpm. Frac w/ 24,279#'s of sand in 546 bbls of Lightning 17 frac fluid. Treated @ ave

pressure of 2642 w/ ave rate of 28 bpm w/ 4 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2390 w/ .81FG. 5 min was 2359. 10 min was 2457. 15 min was 2373. Leave pressure on well. 1864 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$155,822

3/8/2011 Day: 3

Completion

Stone #8 on 3/8/2011 - MIRUSU. Set plug. PU tbg. - MIRUSU. Hot oiler pump 20 bbls water down casing hot. Started @ 850 psi & ISIP was 1900 psi. RU Extreme WLT & lubricator. RIH w/ solid composite plug & set @ 4750'. RD Cameron BOP's. Instal Schefer BOP's. RU 4-3/4" Chomp mill & x-over sub. Tally, drift, pickup & TIH w/ new J-55, 2-7/8", 6.5#, 8EUE tbg to leave EOT @ 4730'. SIFN.

Daily Cost: \$0

Cumulative Cost: \$166,984

3/9/2011 Day: 4

Completion

Stone #8 on 3/9/2011 - PU tbg & drlg out plugs. - Thaw well out. Open well w/ 750 psi on casing. RU swivel. Pump & tanks. Drlg out plug @ 4750' in 35 min. Continue TIH drlg out plugs. Tag sand @ 7005'. C/O 90' of sand to PBTD @ 7096'. SIFN w/ 2650 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$167,584

3/10/2011 Day: 5

Completion

Stone #8 on 3/10/2011 - Flow well. TIH w/ production. - Open well w/ 550 pswi on casing. Flowed 160 bbls fluid in 2 hours. Pump 30 bbls down tbg. TIH w/ tbg to tag no new fill. Pump 180 bbls brine down casing. TOO H w/ tbg. LD mill & x-over sub. TIH w/ Bull Plug, 3 jts tbg, nipple, PBGA, 1 jt tbg, SN, 1 jt tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 218 jts tbg. RD BOP's. Set TA @ 6828' w/ 18,000#'s tension w/ SN @ 6860' & EOT @ 6992'. SIFN w/ 2650 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$176,089

3/13/2011 Day: 6

Completion

Stone #8 on 3/13/2011 - PU rods. Put well on pump. - Open well w/ 10 psi on casing. Flush tbg w/ 50 bbls water. PU & prime pump. TIH w/ Cntrl Hydrlic 2-1/2" x 1-1/2" x 21' x 24' RHAC pump w/ 230"SL, 1" x 4' stabiller bar, 6- 1-1/2" weight rods, 149- 3/4" guided 4per rods, 116- 7/8" 4per rods, 2',2',4',6',8' x 7/8" pony rods, 1-1/2" x 30' polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 2:30PM w/ 122"SL, 3 spm w/ 2650 bbls EWTR.

Finalized

Daily Cost: \$0

Cumulative Cost: \$216,879

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

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

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

At surface 2159' FSL & 719' FEL (NE/SE) SEC. 20, T4S, R2W

At top prod. interval reported below

At total depth 7155'

14. Date Spudded
01/24/2011

15. Date T.D. Reached
02/24/2011

16. Date Completed 03/11/2011
 D & A Ready to Prod.

5. Lease Serial No.
FEE

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
MEAGHER 9-20-4-2

9. AFI Well No.
43-013-50399

10. Field and Pool or Exploratory
MYTON-TRIBAL EDA

11. Sec., T., R., M., on Block and
Survey or Area SEC. 20, T4S, R2W

12. County or Parish

13. State

DUCHESNE

UT

17. Elevations (DF, RKB, RT, GL)*
5382' GL 5394' KB

18. Total Depth: MD 7155'
TVD

19. Plug Back T.D.: MD 7063'
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	439'		200 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	7142'		300 PRIMLITE		364'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT @ 6992'	TA @ 6825'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	6973'	6979'	6973-6979'	.36"	18	
B) Green River	4802'	6656'	4802-6656'	.34"	147	
C)						
D)						

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

Depth Interval	Amount and Type of Material
6973-6979'	Frac w/ 18465#s 20/40 sand in 216 bbls of Lightning 17 fluid in 1stage
4802-6656'	Frac w/ 206828#s 20/40 sand in 1346 bbls of Lightning 17 fluid in 5 stages

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/11/11	03/27/11	24	→	93	12	78			2-1/2" x 1-1/2" x 21' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH GREEN RIVER	6973'	6979'		GARDEN GULCH MRK	4325'
	4802'	6656'		GARDEN GULCH 1	4553'
				GARDEN GULCH 2	4678'
				POINT 3	4979'
				X MRKR	5221'
				Y MRKR	5252'
				DOUGALS CREEK MRK	5370'
				BI CARBONATE MRK	5633'
				B LIMESTON MRK	5775'
				CASTLE PEAK	6308'
				BASAL CARBONATE	6700'
				WASATCH	6833'

32. Additional remarks (include plugging procedure):

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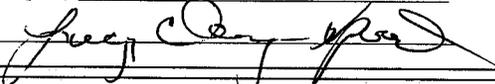
33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

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

Name (please print) Lucy Chavez-Naupoto

Title Administrative Assistant

Signature 

Date 03/31/2011

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

Daily Activity Report**Format For Sundry****MEAGHAR 9-20-4-2****12/1/2010 To 4/28/2011****MEAGHAR 9-20-4-2****Waiting on Cement****Date:** 1/28/2011

Ross #29 at 435. Days Since Spud - yield. Returned 6bbbs to pit, bump plug to 494 psi, BLM and State were notified of spud via email. - @ 426.10. On 1/28/11 cement w/BJ w/200 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - On 1/24/11 Ross #29 spud and drilled 435' of 12 1/4" hole, P/U and run 10 jts of 8 5/8" casing set

Daily Cost: \$0**Cumulative Cost:** \$90,589**MEAGHAR 9-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 2/20/2011

NDSI #3 at 1335. 1 Days Since Spud - Drill 7 7/8 hole with fresh water from 439' to 1335' WOB/15,TRPM/145,TGPM/380,ROP/149'ph - Finish rig up and change oil in mud pump - Test BOP all valves, kelly, choke manifold,choke hose, rams blind and pipe 2000psi for 10min. - MIRU - Pick up BHA and scibe tools

Daily Cost: \$0**Cumulative Cost:** \$132,459**MEAGHAR 9-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 2/21/2011

NDSI #3 at 3230. 2 Days Since Spud - Install rotating head and rig service - Drill 7 7/8 hole with fresh water from 1371' to 3230' WOB/15,TRPM/145,TGPM/380,ROP/82.6'ph - Drill 7 7/8 hole with fresh water from 1335' to 1371' WOB/15,TRPM/145,TGPM/380,ROP/149'ph

Daily Cost: \$0**Cumulative Cost:** \$151,214**MEAGHAR 9-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 2/22/2011

NDSI #3 at 4743. 3 Days Since Spud - Rig service and work on pump. - Drill 7 7/8 hole with fresh water from 3324' to 3797' WOB/18,TRPM/145,TGPM/380,ROP/70'ph - Drill 7 7/8 hole with fresh water from 3230' to 3324' WOB/18,TRPM/145,TGPM/380,ROP/70'ph - Weld up leak in drum flange. - Drill 7 7/8 hole with fresh water from 3797' to 4743' WOB/18,TRPM/145,TGPM/380,ROP/70'ph

Daily Cost: \$0**Cumulative Cost:** \$225,854**MEAGHAR 9-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 2/23/2011

NDSI #3 at 6603. 4 Days Since Spud - Rig service - Drill 7 7/8 hole with fresh water from 4743' to 5563' WOB/25,TRPM/145,TGPM/380,ROP/70'ph - Drill 7 7/8 hole with fresh water from 5563' to 6603' WOB/25,TRPM/145,TGPM/380,ROP/86'ph

Daily Cost: \$0**Cumulative Cost:** \$240,709**RECEIVED****APR 11 2011****MEAGHAR 9-20-4-2****DIV. OF OIL, GAS & MINING Logging**

Date: 2/24/2011

NDSI #3 at 7155. 5 Days Since Spud - Circulate for logs - Rig up and log w/Haliburton Triple combo + Dual lateral log. - Displace w/brine - LDDP & BHA - Drill 7 7/8 hole with fresh water from 6603' to 7155' WOB/25,TRPM/145,TGPM/380,ROP/86'ph

Daily Cost: \$0

Cumulative Cost: \$259,459

MEAGHAR 9-20-4-2

Rigging down

Date: 2/25/2011

NDSI #3 at 7155. 6 Days Since Spud - Change to csg. Rams & test to 2000 psi with Quick test/OK - spaced Neutron log/Loggers T.D. @ 7153' - Log with Halliburton/Ran Dual

Laterolog, Micro Spherically Focused log, Spectral Density log, & Dual - RU QT casers & run 167 jts 5.5" J55 15.5# LT&C Csg. Tag @ 7149'/Land mandrin in head @ 7142' - Circ with rig pump & RU B.J. - Cmt Csg. With B.J. pump 315 sks PLII+3%

KCL+5#CSE+0.5#CF+5#KOL+.5SMS+FP+SF followed by 400 sks 50:50: - Clean mud tanks - Release rig @ 8:00 PM 2/24/11 - 2+3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L/ 31 bbls cmt. To pit **Finalized**

Daily Cost: \$0

Cumulative Cost: \$406,565

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

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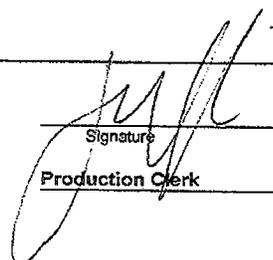
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ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
E	17953	17953	4301350299	STEWART 1A-29-4-2	NENE	29	4S	2W	DUCHESNE	2/2/2011	3/18/11
WELL 1 COMMENTS: CHANGE F/ GRRV TO GR-WS FORMATION											
											4/28/11
E	17954	17954	4301350322	UTE TRIBAL 8-17-4-2	SENE	17	4S	2W	DUCHESNE	2/14/2011	3/18/11
CHANGE F/ GRRV TO GR-WS FORMATION											
											4/28/11
E	17923	17923	4301350335	UTE TRIBAL 9-27-4-3	NESE	27	4S	3W	DUCHESNE	1/7/2011	3/14/11
CHANGE F/ GRRV TO GR-WS FORMATION											
											4/28/11
E	17909	17909	4301350353	UTE TRIBAL 6-7-4-2	SENW	7	4S	2W	DUCHESNE	12/18/2010	3/17/11
CHANGE F/ GRRV TO GR-WS FORMATION											
											4/28/11
E	17961	17961	4301350393	UTE TRIBAL 14-18-4-2	SESW	18	4S	2W	DUCHESNE	2/14/2011	3/22/11
CHANGE F/ GRRV TO GR-WS FORMATION											
											4/28/11
E	17929	17929	4301350399	MEAGHER 9-20-4-2	NESE	20	4S	2W	DUCHESNE	1/24/2011	3/11/11
CHANGE F/ GRRV TO GR-WS FORMATION											
											4/28/11

ACTION CODES (See instructions on back of form)
 A - 1 new entity for new well (single well only)
 B - well to existing entity (group or unit well)
 C - from one existing entity to another existing entity
 D - well from one existing entity to a new entity
 E - other (explain in comments section)

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Signature: 
 Production Clerk
 Jentri Park
 04/28/11

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