FORM 3

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-45555

APPLICATION FOR PERMIT TO DRILL, DEEPEN

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

7. UNIT AGREEMENT NAME: N/A

1b. TYPE OF WELL

OIL [ ] GAS [X] OTHER [ ] SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: N/A

2. NAME OF OPERATOR: Newfield Production Company

9. WELL NO.: State 16-2T-9-17

3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (FOOTAGE)
At Surface: SE/SE 644' FSL 337' FEL 588283X 4434104Y 40.054453 -109.964967
At proposed Producing Zone

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/SE Sec. 2, T9S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 15.9 miles southeast of Myton, UT

12. County: Uintah

13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
Approx. 337' f/lse line & NA' f/unit line	640.20	40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
Approximately 339'	16,092	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5057 GL

22. APPROX. DATE WORK WILL START*: 4th Quarter 2008

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 1/2	10 3/4"	40.5	1,000'	See attachment
9 3/4	7 5/8"	39	10,000	See attachment
6 1/2	4 1/2"	15.1	TD	See attachment

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

See Attached Drilling Program

RECEIVED
JUN 23 2008
DIV. OF OIL, GAS & MINING

24.
Name & Signature: Mandie Crozier Title: Regulatory Specialist Date: 6/16/2008

(This space for State use only)

API Number Assigned: 43-047-40161 APPROVAL:

Approved by the
Utah Division of
Oil, Gas and Mining

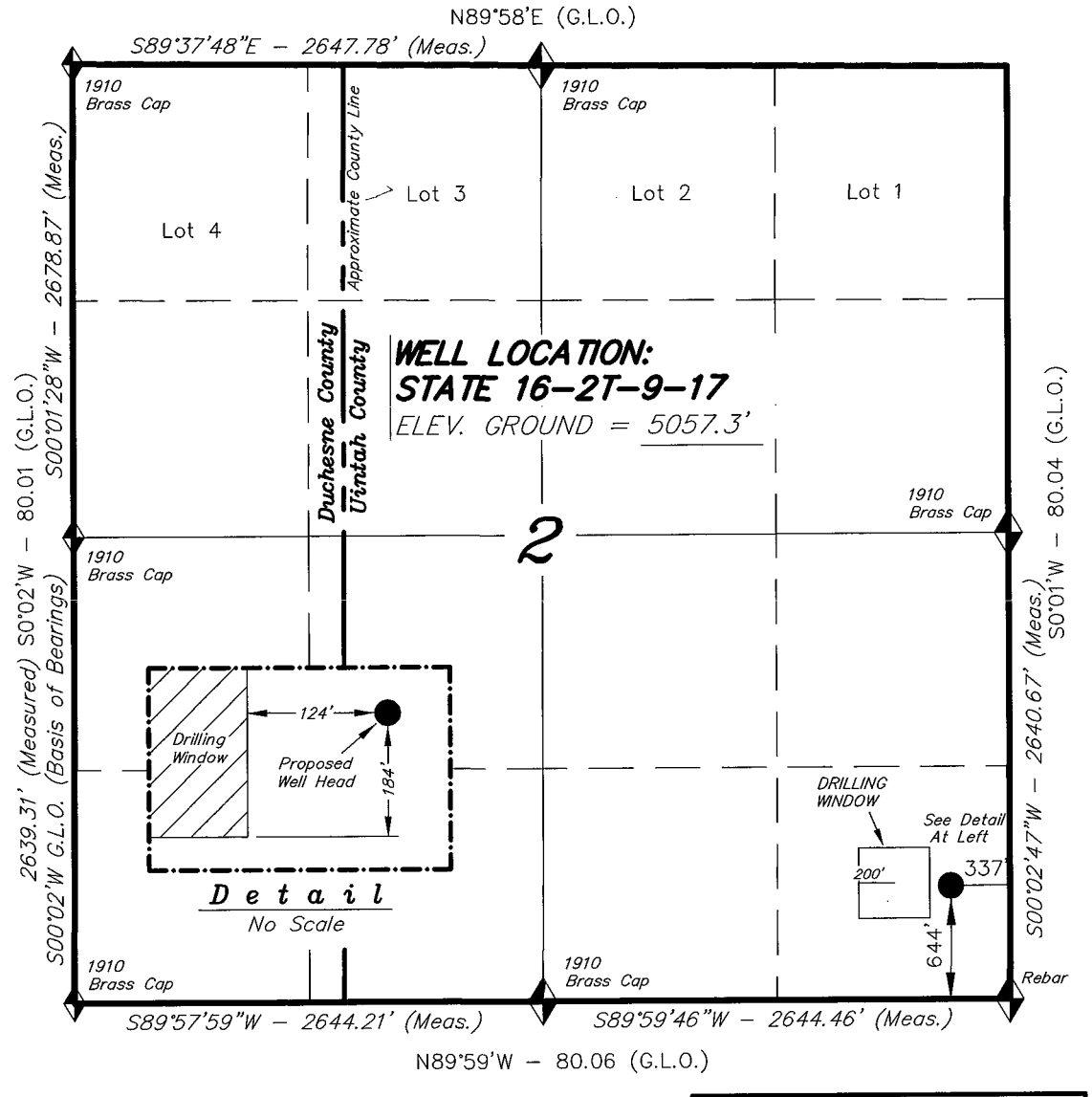
Date: 11-05-08
By:

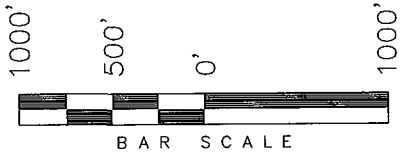
*See Instructions On Reverse Side

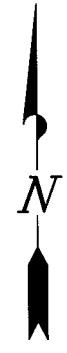
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

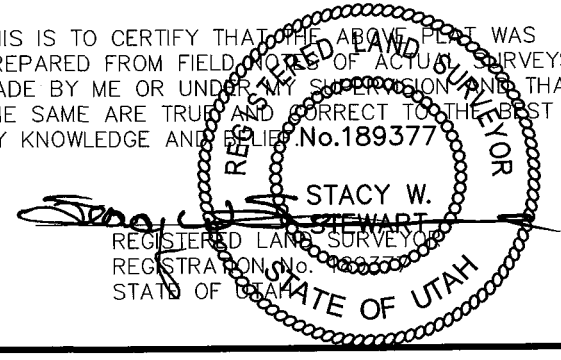
WELL LOCATION, STATE 16-2T-9-17, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.







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.



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

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

STATE 16-2T-9-17
(Surface Location) *NAD 83*
LATITUDE = 40° 03' 16.01"
LONGITUDE = 109° 57' 56.16"

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

DATE SURVEYED: 02-17-08	SURVEYED BY: C.M.
DATE DRAWN: 02-18-08	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD
ROCKY MOUNTAINS

July 21, 2008

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

RE: Exception Location
State 16-2T-9-17
ML-3453B
T9S R17E, Section 2: SESE
644' FSL 337' FEL
Uintah County, Utah

Dear Ms. Mason;

Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company ("NPC") hereby requests an exception location for the drilling of the captioned well. The proposed drillsite for this well is located 124' east of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. This location has been chosen so it will not interfere with the wellbore of the Castle Draw 16-2-9-17, an oil well producing from the Green River formation. The State 16-2T-9-17 is being permitted as a deep gas well.

The State 16-2T-9-17 will be drilled on ML-45555, which is owned by Newfield 100% as to deep rights. However, please note the location of this well is 337' from U-64806, which is owned by Newfield 50%, Yates Petroleum Corporation 20%, Myco Industries Inc. 10%, Abo Petroleum Corporation 10%, and Yates Drilling Company 10%, as to the deep rights. Enclosed are letters from the above referenced parties signifying their consent to the location of the State 16-2T-9-17.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com . Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

Roxann Eveland

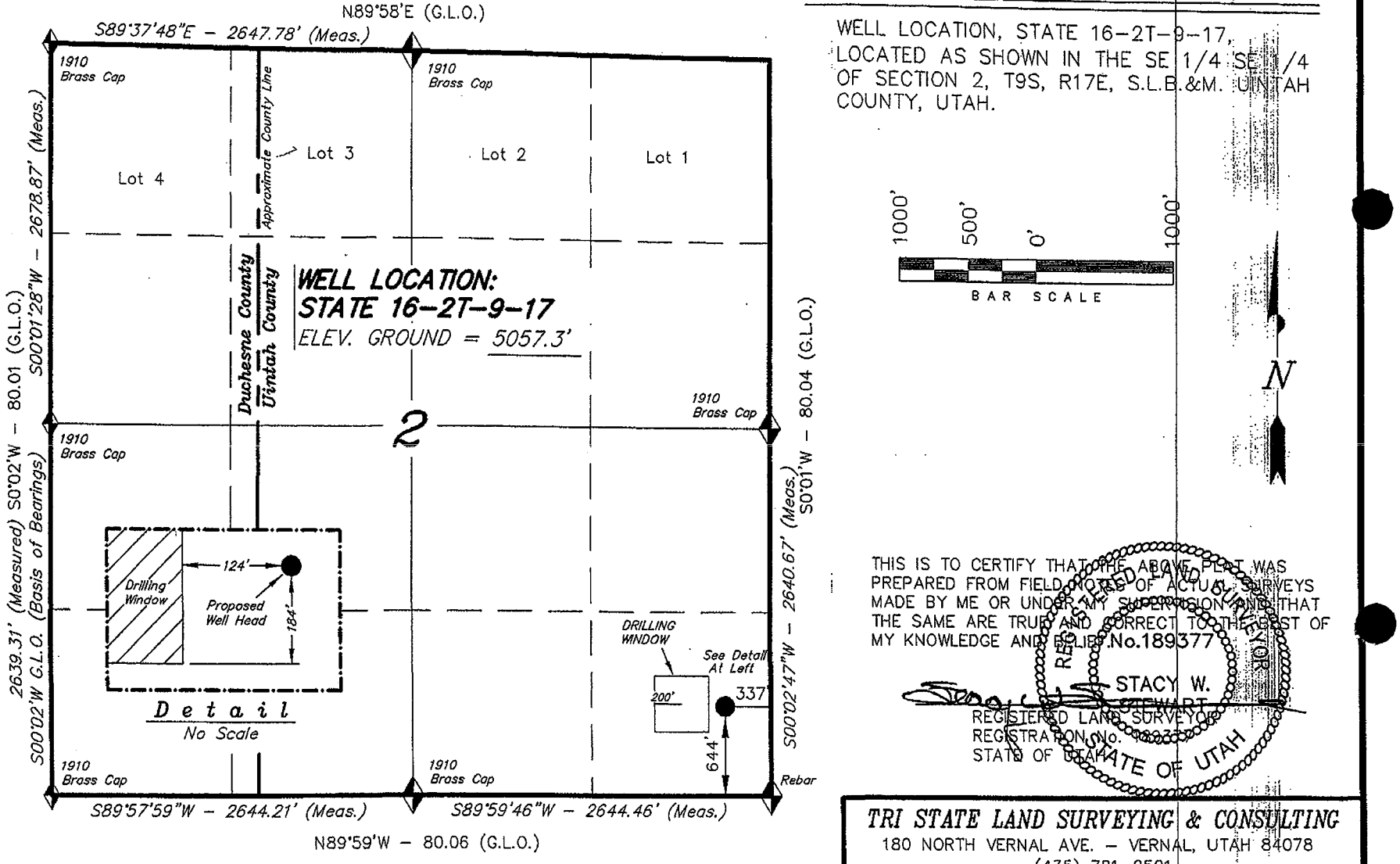
Roxann Eveland
Land Associate

Attachment

T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, STATE 16-2T-9-17, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.



1000' 500' 0' 1000'

BAR SCALE

N

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

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

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

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

STATE 16-2T-9-17
(Surface Location) NAD 83
LATITUDE = 40° 03' 16.01"
LONGITUDE = 109° 57' 56.16"

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

DATE SURVEYED: 02-17-08	SURVEYED BY: C.M.
DATE DRAWN: 02-18-08	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/23/2008

API NO. ASSIGNED: 43-047-40161

WELL NAME: STATE 16-2T-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SESE 02 090S 170E

SURFACE: 0644 FSL 0337 FEL

BOTTOM: 0644 FSL 0337 FEL

COUNTY: UINTAH

LATITUDE: 40.05445 LONGITUDE: -109.9650

UTM SURF EASTINGS: 588283 NORTHINGS: 4434104

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	11/5/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-45555

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MNCS

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. MUNICIPAL)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: ___

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

✓ R649-3-3. Exception

___ Drilling Unit

Board Cause No: ___

Eff Date: ___

Siting: ___

___ R649-3-11. Directional Drill

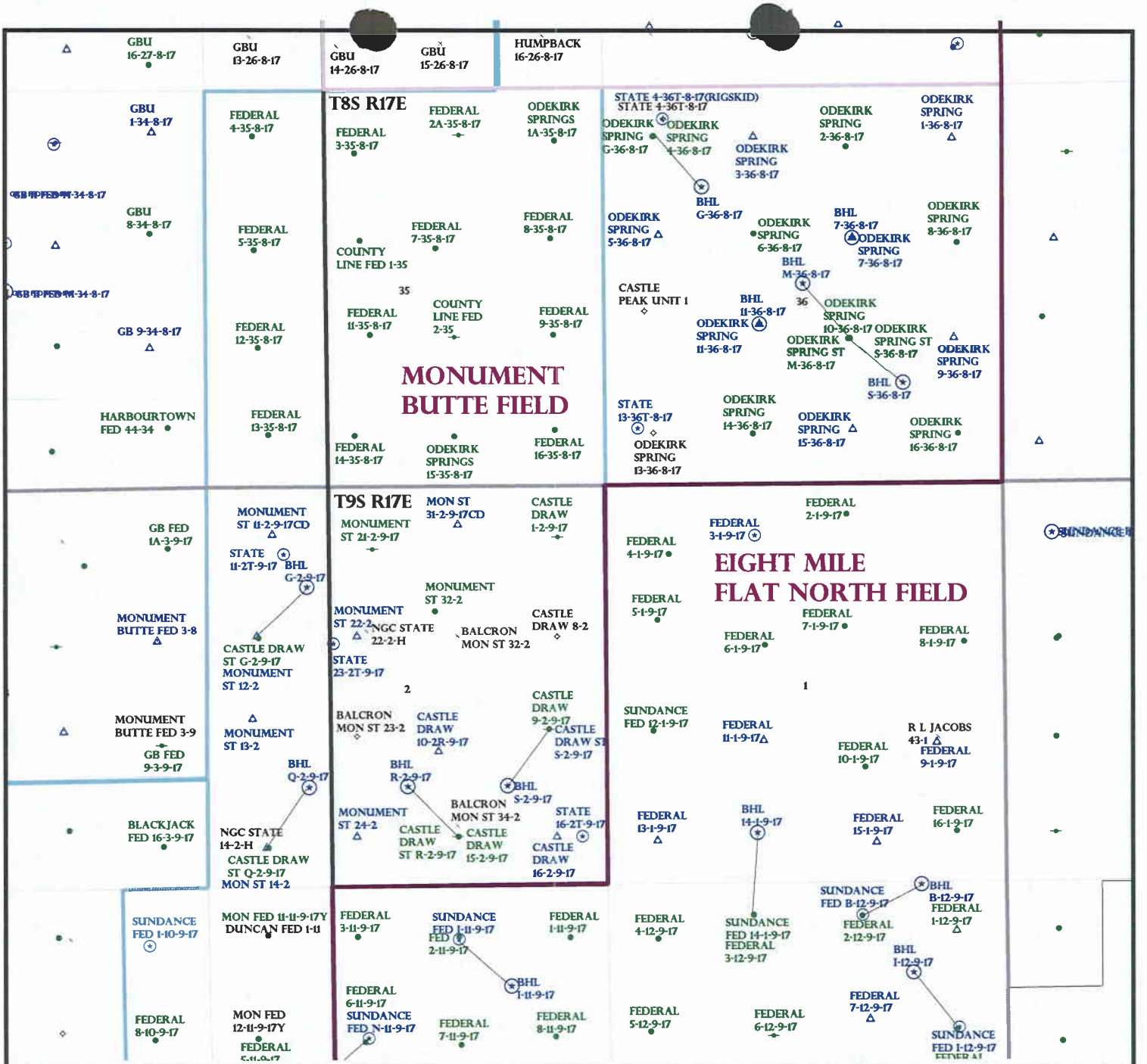
COMMENTS: Needs Presite (07-03-08)

STIPULATIONS: 1-Spacing Stip

2-Statement of Basis

3-Surface Casing Cmt Stip

4-Cmt Stip #3 (7 5/8" intermediate, 3500' MD minimum)



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 2 T.9S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 24-JUNE-2008

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
830	43-047-40161-00-00		GW	S	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	
Well Name	STATE 16-2T-9-17	**Unit**	
Field	MONUMENT BUTTE	**Type of Work**	
Location	SESE 2 9S 17E S 644 FSL 337 FEL	GPS Coord (UTM) 588283E 4434104N	

Geologic Statement of Basis

Newfield proposes to set 1,000' 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 100'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 2. 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 program should adequately protect usable ground water in this area.

Brad Hill	10/15/2008
APD Evaluator	**Date / Time**

Surface Statement of Basis

The general area is approximately 16 miles southwest of Myton, Utah in the Monument Butte field of Pariette Bench. Castle Peak Draw is the main drainage in the area. It runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the immediate area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 15.9 miles. A new road approximately 680 feet in length will be constructed to the site.

The State 16-2T-9-17 is proposed as a deep gas well with the pad to be constructed immediately west of an existing injection well. The existing pad will be used for pipe and materials storage so as to reduce the size of the new pad. The new location is oriented in a south to north direction on a small flat which breaks off sharply on all sides except against the existing well pad. Corner 2 is on the edge of the break off while Corner 1 has 11 feet of fill.. Corners 6 and 8 are rounded to avoid excessive fill. No drainages intersect the location and no diversions will be required.

The selected site appears to be a suitable location for drilling and operating a well and is the best site in the immediate area.

Both the surface and minerals are owned by SITLA. Ed Bonner represented SITLA at the site visit. He had no concerns regarding the proposal. SITLA is to be contacted for reseeding and reclamation standards for reclaiming the site. Ben Williams of the Utah Division of Wildlife Resources was invited to the evaluation. He did not attend.

Floyd Bartlett	7/3/2008
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name STATE 16-2T-9-17
API Number 43-047-40161-0 **APD No** 830 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SESE **Sec** 2 **Tw** 9S **Rng** 17E 644 FSL 337 FEL
GPS Coord (UTM) 588291 4434110 **Surface Owner**

Participants

Floyd Bartlett (DOGM), David Allred (Newfield Production Company), Cory Miller (Tri-State Land Surveying) and Ed Bonner (SITLA).

Regional/Local Setting & Topography

The general area is approximately 16 miles southwest of Myton, Utah in the Monument Butte field of Pariette Bench. Castle Peak Draw is the main drainage in the area. It runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the immediate area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 15.9 miles. A new road approximately 680 feet in length will be constructed to the site.

The State 16-2T-9-17 is proposed as a deep gas well with the pad to be constructed immediately west of an existing injection well. The existing pad will be used for pipe and materials storage so as to reduce the size of the new pad. The new location is oriented in a south to north direction on a small flat which breaks off sharply on all sides except against the existing well pad. Corner 2 is on the edge of the break off while Corner 1 has 11 feet of fill.. Corners 6 and 8 are rounded to avoid excessive fill. No drainages intersect the location and no diversions will be required.

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Surface Use Plan

Current Surface Use
Grazing
Wildlfe Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.01	**Width** 310	**Length** 400	Onsite	OCERK

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Vegetation is a poor Desert shrub type. Identified vegetation consisted of shadscale, greasewood, mustard weed, rabbit brush, Gardner saltbrush, horsebrush, halogeton, prickly pear, Indian Rice grass, curly mesquite, broom snakeweed, and spring annuals.

Cattle, prairie dogs, antelope, small mammals and birds.

Soil Type and Characteristics

Moderately deep gravely, sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
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)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	25 1 **Sensitivity Level**

Characteristics / Requirements

A 100' x 165' x 8' deep reserve pit is planned in an area of cut on the southwest side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

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

Other Observations / Comments

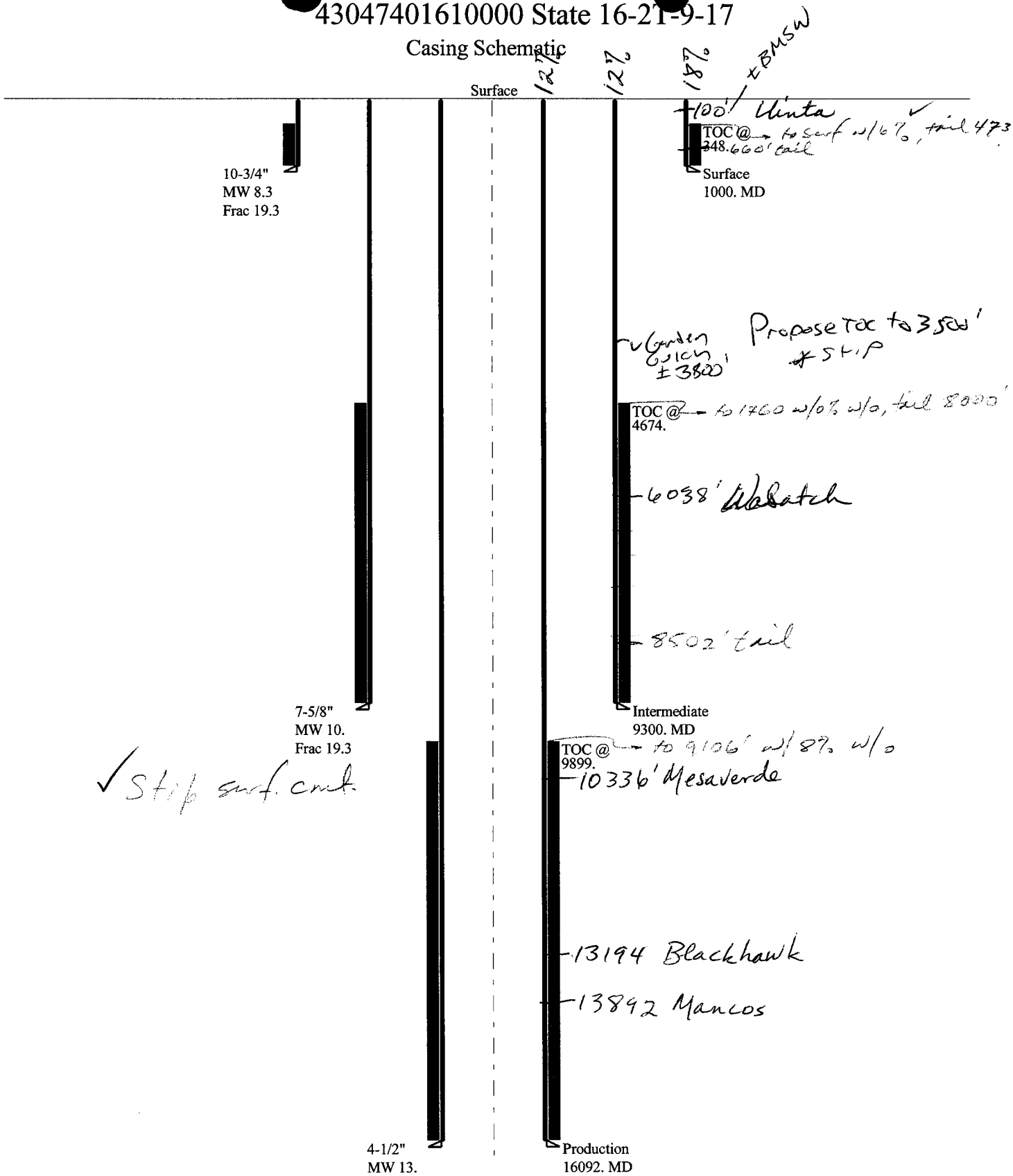
The wrong Location Layout and cut sheets were provided at the pre-site visit. Corrections have been provided and will be submitted to the Salt Lake DOGM Office.

Floyd Bartlett — **Evaluator**

7/3/2008 — **Date / Time**

43047401610000 State 16-21-9-17

Casing Schematic



Well name:	**43047401610000 State 16-2T-9-17**
Operator:	**Newfiled Production Company**
String type:	Surface
Project ID:	43-047-40161-0000
Location:	Uintah Co.

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,000 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on air weight.
Neutral point: 878 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 185 ft

Cement top: 348 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,300 ft
Next mud weight: 10.000 ppg
Next setting BHP: 4,831 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 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)	Internal Capacity (ft^3)
1	1000	10.75	40.50	J-55	ST&C	1000	1000	9.925	550.8

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	433	1580	3.652	1000	3130	3.13	40	420	10.37 J

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

Phone: 810-538-5357

Date: November 3,2008
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

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

Well name:	**43047401610000 State 16-2T-9-17**
Operator:	**Newfiled Production Company**
String type:	Intermediate
Project ID:	43-047-40161-0000
Location:	Uintah Co.

Design parameters:

Collapse

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 7,254 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,300 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on air weight.
Neutral point: 7,913 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 195 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 4,674 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 16,092 ft
Next mud weight: 13.000 ppg
Next setting BHP: 10,867 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,300 ft
Injection pressure: 9,300 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)	Internal Capacity (ft^3)
1	9300	7.625	39.00	N-80	LT&C	9300	9300	6.5	2226.2

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	4831	8820	1.826	9300	9180	0.99	363	798	2.20 J

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

Phone: 810-538-5357

Date: November 3,2008
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 9300 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

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

Well name:	**43047401610000 State 16-2T-9-17**
Operator:	**Newfiled Production Company**
String type:	Production
Project ID:	43-047-40161-0000
Location:	Uintah Co.

Design parameters:

Collapse

Mud weight: 13.000 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 7,327 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 10,867 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on buoyed weight.
Neutral point: 12,920 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 290 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 9,899 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	16092	4.5	15.10	P-110	LT&C	16092	16092	3.701	1284.8

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	10867	14350	1.320	10867	14420	1.33	195	406	2.08 J

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

Phone: 810-538-5357

Date: November 3,2008
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 16092 ft, a mud weight of 13 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

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

BOPE REVIEW — Newfield State16-2T-9-17 — API 43-047-40161-0000

Well Name	Newfield State16-2T-9-17	API 43-047-40161-0000	
	String 1	String 2	String 3
Casing Size (")	10 3/4	7 5/8	4 1/2
Setting Depth (TVD)	1000	9300	16092
Previous Shoe Setting Depth (TVD)	40	1000	9300
Max Mud Weight (ppg)	8.33	9	13 ✓
BOPE Proposed (psi)	500	5000	10000
Casing Internal Yield (psi)	3130	6890	14420
Operators Max Anticipated Pressure (psi)	10460		12.5 ppg ✓

Calculations	String 1	10 3/4 "	
Max BHP [psi]	.052*Setting Depth*MW =	433	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	313	YES ✓ Diverter head
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	213	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	222	← NO OK.
Required Casing/BOPE Test Pressure		1000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		40 psi ✓	*Assumes 1psi/ft frac gradient

Calculations	String 2	7 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	4352	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3236	YES ✓ 5M double ram, 5M annular rotating head.
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2306	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	2526	← NO Reasonable
Required Casing/BOPE Test Pressure		4823 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		1000 psi ✓	*Assumes 1psi/ft frac gradient

Calculations	String 3	4 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	10878	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	8947	YES ✓ 10M double ram, 5M annular rotating head.
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	7338	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	9384	← NO Reasonable
Required Casing/BOPE Test Pressure		10000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		6890 psi ✓	*Assumes 1psi/ft frac gradient

STATE OF [redacted]H

DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL

OIL [ ] GAS [X] OTHER [ ] SINGLE ZONE [X] MULTIPLE ZONE [ ]

5. LEASE DESIGNATION AND SERIAL NO.: ML-45555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: N/A

2. NAME OF OPERATOR: Newfield Production Company

9. WELL NO.: State 16-2T-9-17

3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (FOOTAGE)

At Surface: SE/SE 644' FSL 337' FEL

At proposed Producing Zone

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/SE Sec. 2, T9S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 15.9 miles southeast of Myton, UT

12. County: Uintah

13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
Approx. 337' f/lse line & NA' f/unit line	640.20	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
Approximately 339'	16,092	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5057 GL

22. APPROX. DATE WORK WILL START*: 4th Quarter 2008

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 1/2	10 3/4"	40.5	1,000'	See attachment
9 3/4	7 5/8"	39	10,000	See attachment
6 1/2	4 1/2"	15.1	TD	See attachment

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

See Attached Drilling Program

24.

Name & Signature: Mandie Crozier Title: Regulatory Specialist Date: 6/16/2008

(This space for State use only)

API Number Assigned: _____ APPROVAL: _____

RECEIVED
JUL 25 2008
DIV. OF OIL, GAS & MINING

*See Instructions On Reverse Side

NEWFIELD
ROCKY MOUNTAINS

June 23, 2008

Yates Petroleum Corporation
ATTN: Cody Moore
105 S. 4th St.
Artesia, NM 88210

RE: Exception Location
State 16-2T-9-17
Uintah County, Utah

Dear Mr. Moore;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

State 16-2T-9-17
ML-45555
T9S R17E, Section 2: SESE
644' FSL 337' FEL
Uintah County, Utah

This well is located outside of the drilling window as required by State of Utah R649-3-2. This location has been chosen so it will not interfere with the wellbore of the Castle Draw 16-2-9-17, which is an oil well producing from the Green River formation. The State 16-2T-9-17 is proposed as a deep gas well. It is necessary to obtain your written concurrence with this exception location as a 20% working interest owner of UTU-64806, the lease this well location is encroaching upon.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by email at reveland@newfield.com or by fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444 or by email. I appreciate your prompt attention to this matter.

Sincerely,

Roxann Eveland

Roxann Eveland
Land Associate

Enclosure

TO: Newfield Production Company
ATTN: Roxann Eveland
EMAIL: reveland@newfield.com
FAX: 303-893-0103

RE: Exception Location
State 16-2T-9-17
T9S R17E, Section 2: SESE
644' FSL 337' FEL
Uintah County, Utah

Please be advised Yates Petroleum Corporation does not have an objection to the proposed location of the aforementioned well.

YATES PETROLEUM CORPORATION

By: _____ Date: July 7, 2008

Cody J. Moore Associate Landman
Print Name and Title

NEWFIELD
ROCKY MOUNTAINS

June 23, 2008

Yates Drilling Company
Attn: Cody Moore
105 S. 4th St.
Artesia, NM 88210

RE: Exception Location
State 16-2T-9-17
Uintah County, Utah

Dear Mr. Moore;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

State 16-2T-9-17
ML-45555
T9S R17E, Section 2: SESE
644' FSL 337' FEL
Uintah County, Utah

This well is located outside of the drilling window as required by State of Utah R649-3-2. This location has been chosen so it will not interfere with the wellbore of the Castle Draw 16-2-9-17, which is an oil well producing from the Green River formation. The State 16-2T-9-17 is proposed as a deep gas well. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner of UTU-64806, the lease this well location is encroaching upon.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by email at reveland@newfield.com or by fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444 or by email. I appreciate your prompt attention to this matter.

Sincerely,

Roxann Eveland

Roxann Eveland
Land Associate

Enclosure

TO:	Newfield Production Company
ATTN:	Roxann Eveland
EMAIL:	reveland@newfield.com
FAX:	303-893-0103

RE:	Exception Location **State 16-2T-9-17** T9S R17E, Section 2: SESE 644' FSL 337' FEL Uintah County, Utah

Please be advised Yates Drilling Company does not have an objection to the proposed location of the aforementioned well.

YATES DRILLING COMPANY

By: _____ Date: July 7, 2008

Cody J. Moore - Associate Landman
Print Name and Title

NEWFIELD
ROCKY MOUNTAINS

June 23, 2008

Abo Petroleum Corporation
PO Box 900
Artesia, NM 88211

RE: Exception Location
State 16-2T-9-17
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

State 16-2T-9-17
ML-45555
T9S R17E, Section 2: SESE
644' FSL 337' FEL
Uintah County, Utah

This well is located outside of the drilling window as required by State of Utah R649-3-2. This location has been chosen so it will not interfere with the wellbore of the Castle Draw 16-2-9-17, which is an oil well producing from the Green River formation. The State 16-2T-9-17 is proposed as a deep gas well. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner of UTU-64806, the lease this well location is encroaching upon.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by email at reveland@newfield.com or by fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444 or by email. I appreciate your prompt attention to this matter.

Sincerely,

Roxann Eveland

Roxann Eveland
Land Associate

Enclosure

TO:	Newfield Production Company
ATTN:	Roxann Eveland
EMAIL:	reveland@newfield.com
FAX:	303-893-0103

RE: Exception Location
State 16-2T-9-17
T9S R17E, Section 2: SESE
644' FSL 337' FEL
Uintah County, Utah

Please be advised Abo Petroleum Corporation does not have an objection to the proposed location of the aforementioned well.

ABO PETROLEUM CORPORATION

By: _____ Date: July 7, 2008

Cody J. Moore - Associate Landman
Print Name and Title

NEWFIELD
ROCKY MOUNTAINS

June 23, 2008

Myco Industries Inc.
PO Box 840
Artesia, NM 88211

RE: Exception Location
State 16-2T-9-17
Uintah County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

State 16-2T-9-17
ML-45555
T9S R17E, Section 2: SESE
644' FSL 337' FEL
Uintah County, Utah

This well is located outside of the drilling window as required by State of Utah R649-3-2. This location has been chosen so it will not interfere with the wellbore of the Castle Draw 16-2-9-17, which is an oil well producing from the Green River formation. The State 16-2T-9-17 is proposed as a deep gas well. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner of UTU-64806, the lease this well location is encroaching upon.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by email at reveland@newfield.com or by fax to 303-893-0103.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444 or by email. I appreciate your prompt attention to this matter.

Sincerely,

Roxann Eveland

Roxann Eveland
Land Associate

Enclosure

TO:	Newfield Production Company
ATTN:	Roxann Eveland
EMAIL:	reveland@newfield.com
FAX:	303-893-0103

RE:	Exception Location **State 16-2T-9-17** T9S R17E, Section 2: SESE 644' FSL 337' FEL Uintah County, Utah

Please be advised Myco Industries, Inc. does not have an objection to the proposed location of the aforementioned well.

MYCO INDUSTRIES, INC.

By: _____ Date: July 7, 2008

Cody J. Moore - Associate Landman
Print Name and Title

NEWFIELD PRODUCTION COMPANY
STATE 16-2T-9-17
SE/SE SECTION 2, T9S, R17E
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Wasatch	6,038'
Mesaverde	10,336'
Blackhawk	13,194'
Mancos	13,892'
Proposed TD	16,092'

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

Wasatch/Mesaverde/Blackhawk/Mancos (Gas) 6,038' - TD

4. **PROPOSED CASING AND CEMENT PROGRAM:**

Casing Design:

Description	Hole Size	Interval		Weight (lb/ft)	Grade	Coupling	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Design Factors		
		Top	Btm							Burst	Collapse	Tension
Conductor 16"	20"	0'	40'	65.0	H-40	STC	--	--	--	--	--	--
Surface 10-3/4"	13.5"	0'	1,000'	40.5	J-55	STC	8.33	8.33	13.0	5.11	4.97	10.37
Interm 7-5/8"	9.875"	0'	9,300'	39.0	N-80	LTC	9.5	10.0	16.0	2.47	2.34	2.20
Prod 4-1/2"	6.5"	0'	16,092'	15.1	P-110	LTC	12.5	13.0	18.0	1.78	1.59	1.67

Cement Design:

Job	Fill	Description	Sacks FT^3	Excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	60'	Class G w/ 2% CaCl2, 0.25 lbs/sk Cello Flake	40 47	50%	15.8	1.17
Surface Casing Lead	500'	Prem Lite II w/ 3% KCl, 2% Bentonite (or equivalent cement)	72 236	30%	11.0	3.26
Surface Casing Tail	500'	50/50 Poz Class G w/ 3% KCl, 2% Bentonite (or equivalent cement)	202 236	30%	14.3	1.27
Interm Casing Lead	4,800'	Prem Lite II w/ 3% KCl, 2% Bentonite (or equivalent cement)	411 1340	30%	11.0	3.26
Interm Casing Tail	1,000'	50/50 Poz Class G w/ 3% KCl, 2% Bentonite (or equivalent cement)	220 279	30%	14.3	1.27
Prod Casing	7,092'	50/50 Poz Class G w/ 3% KCl, 2% Bentonite (or equivalent cement)	871 1106	30%	14.3	1.27

*Actual cement volumes will be 15% over caliper volume.
*Cement slurries will be equal to or greater in strength than the slurries listed above.

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

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

Section	BOP equipment
Surface	Diverter head
Intermediate	11" 5M double ram, 11" 5M annular, rotating head
Production	11" 10M double ram, 11" 5M annular, rotating head

BOP equipment will be function tested daily. Choke manifold pressure rating will be equal to or greater than the pressure rating of the BOP rams. Refer to Exhibit C for a diagram of BOP equipment.

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

A fresh water system will be utilized to drill the well. When necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel and barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. No chromates will be utilized in the fluid system.

In the event that the surface hole is to be drilled with air, Newfield requests a variance to regulations requiring a straight run blooie line. Newfield proposes that the flowline will contain two (2) 90-degree turns. Newfield also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Newfield requests authorization to ignite as needed, and the flowline at 80'.

Newfield Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM	MUD TYPE	MAX MUD WEIGHT
Surface –1,000'	air/fresh water system	8.33 ppg
1,000' – 9,300'	fresh water based system	10.0 ppg
9,300 – TD	fresh water based system	13.0 ppg

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 Compensated Neutron-Formation Density Log, Dual Induction, Gamma Ray and Caliper log from TD to base of the Green River @ 6,038' +/-. A cement bond log will be run from PBTD to cement top in the production casing. No drill stem testing or coring is planned for this well.

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

The anticipated maximum pressure is equal to a 0.65 psi/ft gradient. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

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

It is anticipated that the drilling operations will commence upon approval of the APD, and take approximately sixty (60) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
STATE 16-2T-9-17
SE/SE SECTION 2, T9S, R17E
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site State 16-2T-9-17 located in the SE¼ SE¼ Section 2, T9S, R17E, S.L.B. & M., Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 – 1.7 miles ± to it's junction with an existing road to the southeast; proceed southeasterly – 9.9 miles ± to its junction with an existing road to the northeast; proceed northeasterly – 1.4 miles ± to its junction with an existing road to the southeast; proceed southeasterly – 1.0 miles ± to its junction with an existing road to the southeast; proceed southeasterly – 0.4 miles ± to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly – 680' ± 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**

680' or access road is proposed for the State 16-2T-9-17. 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 Desert Tan. All facilities will be painted within six months of installation.

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

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A.**

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. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or 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:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

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

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-088, 4/28/08. Paleontological Resource Survey prepared by, SWCA Environmental Consultants. See attached report cover pages, Exhibit "D".

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 State 16-2T-9-17, 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 State 16-2T-9-17. Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

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

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

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

Representative

Name: Dave Allred

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 #16-2T-9-17, SE/SE Section 2, T9S, R17E, LEASE #ML-45555, 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 Hartford Accident #4471291.

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.

6/16/08
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

Paleontological Assessment for Newfield Exploration Co. 40-Acre Parcel around Proposed Well Castle Draw 16-2T-9-17

Pariette Draw SW Quadrangle

Uintah County, Utah

Prepared for

Newfield Production Co.
and
School and Institutional Trust Land Administration

Prepared by

SWCA Environmental Consultants

June 18, 2008
SWCA #UT08-14273-15

Paleontological Assessment for Newfield Exploration Co. 40-Acre Parcel around Proposed Well Castle Draw 16-2T-9-17

Prepared for

Newfield Production Co.
10530 South County Road #33
Duchesne County, Utah 84052

and

State of Utah
School & Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818

Prepared by:

Margaret Imhof M.S. and Paul C. Murphey, Ph.D.
Utah State Permit 07-363

SWCA Environmental Consultants
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Vernal, UT 84078
Phone: 435.789.9388
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www.swca.com

SWCA #UT08-14273-15

June 18, 2008

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    - Utah State Permit 07-363
- Paleontological records search and field survey for 40-acre parcel around Castle Draw 16-2T-9-17.
- Field survey on May 9, 2008 of SESE quarter-quarter in T9S-R17E-Sec2, Uintah County, Utah (USGS 7.5 Minute Pariette Draw SW quadrangle).
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        - Alluvium and colluvium (PFYC Class 2)
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- Paleontology
    - 13 previously recorded localities within one-mile radius, none within the project area.
    - Two new localities were recorded (050908-WBG-01; 050908-WBG-02), material collected from one of those localities (050908-WBG-01).
- Recommendation
    - Recommend monitoring for development in the southern and northeastern parts of the quarter-quarter.
    - Recommend clearance without further mitigation for surface and subsurface of the plateau in the central and northwestern parts of the quarter-quarter, including infrastructure staked at time of survey.
    - However, if any subsurface bones or other potential fossils are encountered during construction anywhere within the project area, work in the immediate vicinity should cease, the SITLA should be notified, and a qualified and Utah State-permitted paleontologist should inspect the location before work continues.
- Distribution of Survey Report
    - Hard copies sent SITLA and Newfield Production Co. Hard copy and electronic copies on file at the SWCA Vernal office.

2.0 INTRODUCTION

At the request of Newfield Production Co. and the State of Utah School & Institutional Trust Lands Administration (SITLA), SWCA Environmental Consultants conducted a paleontological records search and field survey of the 40-acre parcel around Castle Draw 16-2T-9-17.

The surveyed area includes the SESE quarter-quarter in T9S-R17E-Sec2, Uintah County, Utah (USGS 7.5 Minute Pariette Draw SW quadrangle; see Map 1).

3.0 METHODS

The paleontological survey and evaluation procedures for this assessment were conducted according to State guidelines under Utah State Permit 07-363.

3.1 Personnel

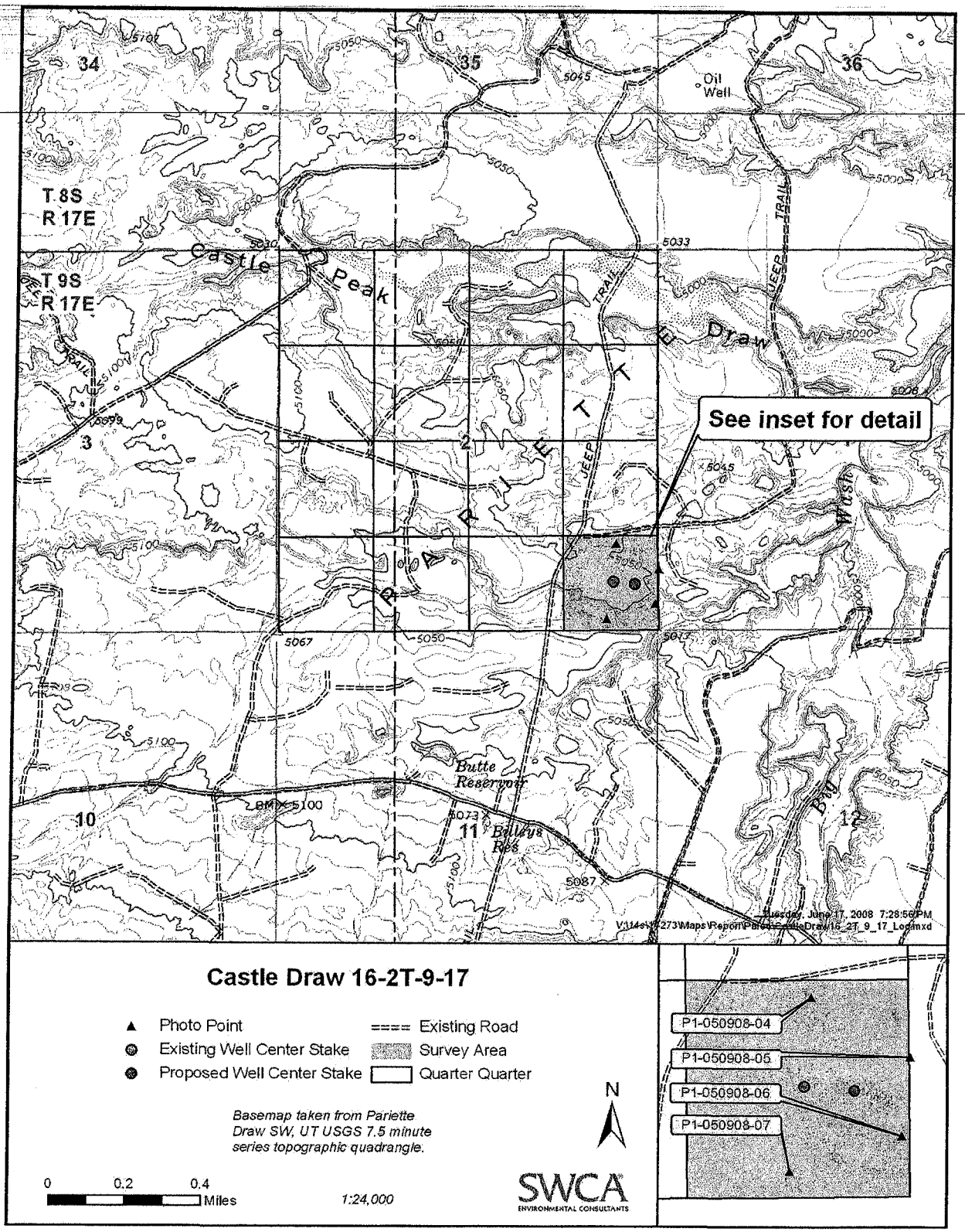
William Gelnaw and Margaret Imhof completed the field survey of the project. Margaret Imhof also conducted the file searches and prepared the final report. Dr. Paul C. Murphey, Principal Investigator on the Utah State permit under which this survey was conducted, supervised the research, field work, and reviewed the final report. Allen Stutz produced the maps.

3.2 Records Search Methods

Records searches were conducted in order to 1) determine whether any previously recorded fossil localities occur within the project areas; 2) assess the potential for disturbance of these localities during construction; and 3) evaluate the paleontological sensitivity within the area of potential effect (APE). Electronic paleontological records maintained by the Utah Geological Survey, Paleontology Department were searched in order to determine the presence of previously documented fossil localities within the project APE.

3.3 Resource Assessment Methods

The paleontological sensitivity of each geologic unit to be impacted was evaluated using the Potential Fossil Yield Classification System (PFYC), originally developed by the U.S. Forest Service (1996) and recently significantly revised and adopted as policy by the BLM (BLM IM 2008-009) to replace its previous resource management classification system (BLM *Conditions 1-3*). The PFYC utilizes the close relationship between paleontological resource occurrences and the geologic units in which they are preserved. The PFYC designations for the affected geologic units for this project were assigned by the BLM Regional Paleontologist.



Map 1. Location of 40-acre parcel survey area around Castle Draw 16-2T-9-17 for Newfield Production Co.

3.4 Field Methods

The survey was designed to 1) determine the surface presence of previously unknown significant vertebrate fossils and/or noteworthy occurrences of invertebrate, plant, or trace fossils; 2) evaluate the condition of documented paleontological localities and the potential for disturbance of these localities during the proposed construction; and 3) evaluate potential adverse impacts to subsurface paleontological resources during construction.

The paleontological field survey consisted of inspection for 1) surface fossils; 2) exposures of potentially fossiliferous rocks; and 3) areas in which fossiliferous rocks will be exposed or otherwise impacted during construction. The survey was 100% pedestrian of all bedrock exposures unless to steep to safely traverse.

A paleontological locality documents the location, identification and description of a scientifically significant fossil(s) along with its geologic context. In addition, however, we record the presence of highly weathered, fragmentary or otherwise unidentifiable fossils as non-significant fossil occurrences which typically consist of fragments of turtle shell, unidentifiable bone and tooth fragments, and unidentifiable plant fossils in order to communicate the presence of fossils in a manner that does not trigger mitigation measures. Typically, fossil locality forms and maps are provided only for significant fossil localities which are either collected at the time of discovery or recommended for avoidance and/or later mitigation. Field locality numbers are used in this report; state locality numbers will be assigned at the end of the calendar year.

3.5 Distribution of Data

Copies of this report will be submitted to SITLA and Newfield Production Co. Any newly recorded locality data will be submitted to the Utah Geological Survey, State Paleontologist. A hard-copy file will be retained at SWCA Environmental Consultants, Vernal office, along with relevant field notes, maps, and other data. Fossil specimens from one locality (050908-WBG-01) were collected during this project.

4.0 GEOLOGY AND PALEONTOLOGY

The East-West trending Uinta Mountains were uplifted during the Rocky Mountain-forming Laramide orogeny (Rasmussen et al. 1999) in the Paleocene Epoch (Stokes 1986), exposing the Paleozoic-age rocks in the core of the mountains and Mesozoic-age rocks along their flanks. In conjunction with the uplift, the southerly-adjacent synclinal Uinta Basin formed (Rasmussen et al. 1999). From the Paleocene to the middle Eocene, sediments from freshwater lakes and later from river channels, river deltas and floodplains filled the basin with sediments and accompanying fossils (Stokes 1986, Townsend 2004). From oldest to youngest, these rock units include the Wasatch, Green River, Uinta and Duchesne River formations. Collectively, these units represent the primary source of middle Eocene-aged vertebrate, invertebrate and plant fossils from Utah and Colorado, and are thus of great scientific importance. Locally, Pleistocene- and Holocene-aged sediments deposited by rivers, streams, gravity, and wind overlie the bedrock geologic units.

The project APE contains one mapped geologic unit (Rowley et al 1987): Eocene-age lower Uinta Formation. In addition to this unit, Holocene-age alluvium and colluvium and Holocene-age eolian deposits were also observed during the survey.

4.1 Uinta Formation

In the Uinta Basin, the Uinta Formation consists of greenish-gray, reddish-brown, yellow, grayish-orange, and purple fluvial and lacustrine shale marlstone, siltstone, and sandstone beds which are locally tuffaceous (Cashion 1973; Dane 1954; Rowley et al. 1985). The Uinta Formation is scientifically important because it is the stratotype for the Uintan NALMA and represents nearly all of Uintan time (46.5-40.0 Ma) (Murphey and Evanoff 2007; Townsend 2004; Walsh 1996). In general terms, the Uinta Formation conformably overlies and interfingers with the Green River Formation in the Uinta and Piceance Creek Basins, and is overlain by the Duchesne River Formation in the Uinta Basin. Despite its historical and scientific importance to vertebrate paleontology, the detailed stratigraphy of the Uinta Formation is complex and not yet fully understood.

The Uinta Formation was named by O. C. Marsh in 1871. Based on lithologic differences, O. A Peterson (as quoted in Osborn 1895:72-74) was the first worker to subdivide the Uinta Formation, from stratigraphically lowest to highest, into Horizons A, B, and C. The Wood Committee (Wood et al. 1941) formally divided the Uinta Formation into the older Wagonhound Member (Horizons A and B) and younger Myton Member (Horizon C), and discarded the older tripartite subdivision. However, the older terminology is still widely used because 1) the Wagonhound Member combined two lithologically distinct units: the sandstone-dominated Uinta A, which contains few fossils, and the mudstone and claystone-dominated Uinta B, which contains locally abundant fossils; and 2) fossil collections made prior to the recommendations of the Wood Committee were made using the tripartite scheme. The specific location of the subunit boundaries has shifted slightly with almost each successive publication on the stratigraphy of the area, resulting in a well-understood broad picture for which the stratigraphic details are hazy and the biostratigraphy unresolved (Walsh 1996). The most recent stratigraphic and paleontologic work in the Uinta Formation has included important efforts to better characterize and document the lithostratigraphy, biostratigraphy paleoecology, and paleoenvironments of the Uinta Formation and time-equivalent strata (see Rasmussen et al. 1999; Townsend 2004; Walsh 1996; Townsend et al. 2006).

Approximately 31 percent of modern mammalian families appear in the fossil record of North America during the Uintan NALMA (Black and Dawson 1966). Many of the new taxa are thought to have either originated in North America or emigrated in from Asia (Black and Dawson 1966; Stucky 1992; Beard 1998). The distinctive shift in the composition and diversity of mammalian communities which occurred during the Uintan is marked by the disappearance or decline of more archaic groups such as condylarths, some types of insectivores and marsupials, plesiadapoids, and oxyaenid creodonts. At the same time, more modern groups including lagomorphs, selenodont artiodactyls, advanced carnivorans, and non-ischyromyine rodents began to dominate mammalian communities. See Rasmussen et al. (1999), Townsend (2004), Murphey and Daitch (2007), and Walsh (1996) for further discussions of the mammalian faunas and biostratigraphy of the Uinta Formation.

4.2 Holocene Eolian Deposits

Eolian deposits consist of unconsolidated to very poorly consolidated silt and sand deposited by wind, and are highly variable in thickness. Sediment sources are mostly local, with the sandstone beds of the Uinta Formation being a major contributor. Eolian sediments are deposited on sides of slopes or on top of benches and other flat surfaces, and is often sparsely vegetated. Surficial

deposits of Holocene age such as eolian sand may contain the unfossilized remains of modern taxa but are too young to contain in situ fossils.

4.3 Holocene Alluvium and Colluvium

Holocene-age alluvium is composed primarily of poorly consolidated silt, sand, and cobbles derived from eroded bedrock and older alluvial and colluvial deposits. These sediments are deposited by rivers and streams in stream channels and on active alluvial floodplains.

Holocene-age colluvium consists of earthflow, mudflow, landslide, and talus deposits (Cashion 1973, Rowley et al. 1985). Both colluvium and landslide deposits consist of rock material that has moved under the influence of gravity. Lithologies of these units vary and are dependent upon the type of source rock. They form on unstable slopes and on older colluvial deposits. In general, colluvium is much less likely to contain well-preserved animal and plant remains than intact native sediments. Surficial deposits of Holocene age such as alluvium and colluvium may contain the unfossilized remains of modern taxa but are too young to contain in situ fossils.

5.0 RESULTS

The following section presents the results of the records search and field survey conducted for the Newfield Production Co. leased quarter-quarter section.

5.1 Previously Documented Localities

13 previously documented fossil localities are known within a one-mile radius of the project area. None are within the project area. Further information on all the previously recorded localities within a one-mile radius, is provided in Appendix A.

5.2 Paleontological Sensitivities

The paleontological sensitivities of the one mapped geologic units (Rowley et al 1987) and two observed units in the project APE have been classified according to the PFYC by the BLM and are summarized in Table 1.

Table 1. Paleontological Sensitivities of Geologic Units Within the Project APE.

Geologic Unit	Map Symbol*	Age	Typical Fossils	PFYC
Alluvium and colluvium	Qa	Holocene	Unfossilized remains of modern taxa, too young to contain fossils.	Class 2
Eolian Deposits	Qe	Holocene	Unfossilized remains of modern taxa, too young to contain fossils.	Class 2
Uinta Formation, lower part	Tul	Eocene	Locally abundant plants (leaves, seeds, wood); invertebrates (insects, mollusks); and a highly diverse and scientifically important vertebrate fauna (reptiles, mammals)	Class 5

* Rowley et al 1987

5.3 Field Survey

Project Name	**Castle Draw 16-2T-9-17**
Quarter-Quarter Surveyed:	T9S-R17E-Sec2 SESE
Surveyed on:	05/09/2008 **By:** William Gelnaw, Margaret Imhof
Infrastructure Staked:	☒ Well pad ☒ Access road ☒ Surface pipeline
Survey Description:	A pedestrian survey was conducted of the entire quarter-quarter to delineate bedrock exposures and survey them for paleontological resources.
Topography:	The quarter-quarter is dominated by a flat plateau, the sides of which occur along the northeast, east and south borders of the quarter-quarter. The south slope is steep and transitions from slope to cliff towards the bottom; a sandy wash is located at the base.
Bedrock Exposure Status:	There is intermittent exposures on the north and east slopes of the plateau and moderate exposures on the south slope. The surface of the remainder of the quarter-quarter is covered in rocky soil.
Geologic Formation(s):	Alluvium and Colluvium — Holocene — PFYC Class 2 Eolian Deposits — Holocene — PFYC Class 2 Uinta Fm, lower member — Eocene — PFYC Class 5
Reference:	Rowley et al 1987
Geologic Description:	There is a thick (~4m), blocky sandstone exposed along north side of wash in southwest side of plateau. This sandstone pinches out to the east, around the mid-line of the quarter-quarter. In exposures on the southeast slope of the plateau, there are two series of green and red mudstones and claystones that are separated by interbedded greenish and reddish silty sandstone and mudstone.
Fossil Status:	Moderately fossiliferous

Fossil Description:	• Localities:
	  • 050908-WBG-01: An artiodactyl astragalus and tibia
	  • 050908-WBG-02: In-situ turtle plastron
	• 7 Non-significant fossil occurrences

Recommendations:	Recommend monitoring for development in the southern and northeastern parts of the quarter-quarter. Recommend clearance without further mitigation for surface and subsurface of the plateau in the central and northwestern parts of the quarter-quarter, including infrastructure staked at time of survey. However, if any potential fossils are encountered during construction anywhere within the project area, work in the immediate vicinity should cease, SITLA should be notified, and a qualified and SITLA-permitted paleontologist should inspect the location before work continues

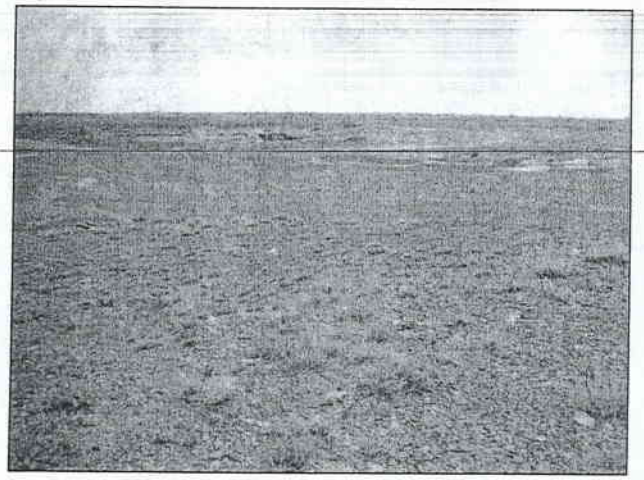


Figure 1. Photo Point P1-050908-04. View to East of limited exposures in NE part of qtr-qtr.

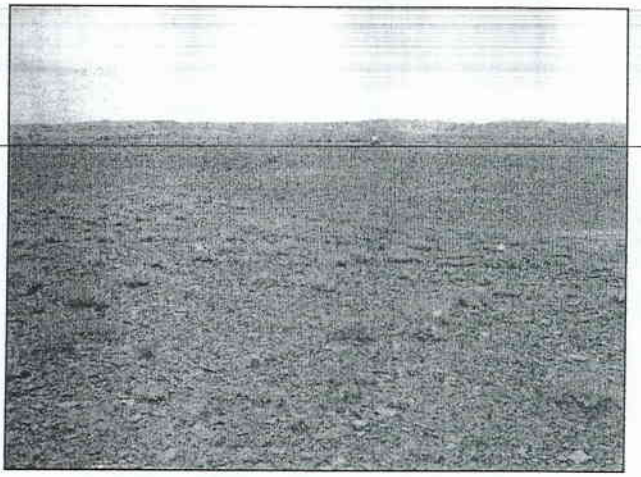


Figure 2. Photo Point P1-050908-04. View to South along bench towards existing well pad.

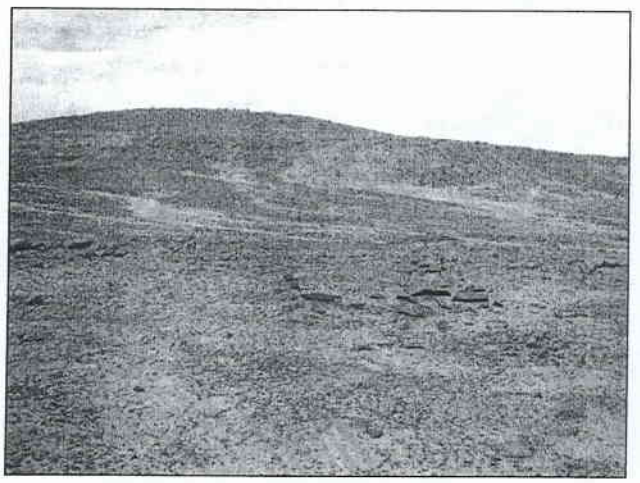


Figure 3. Photo Point P1-050908-05. View to W of outcrops along E side of bench.

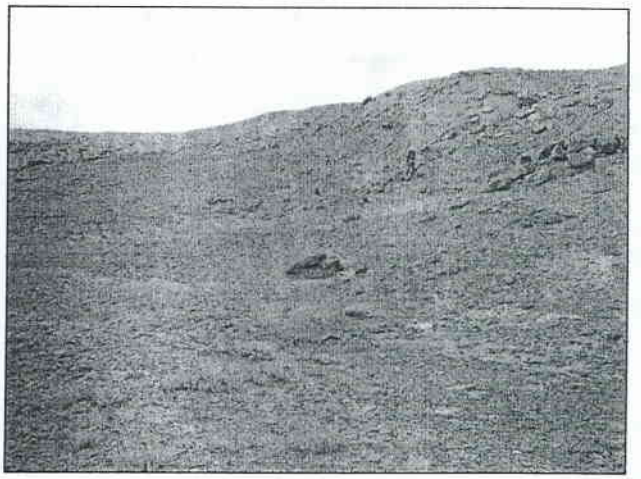


Figure 4. Photo Point P1-050908-06. View to W of mudstone and sandstone outcrop along SE side of bench.

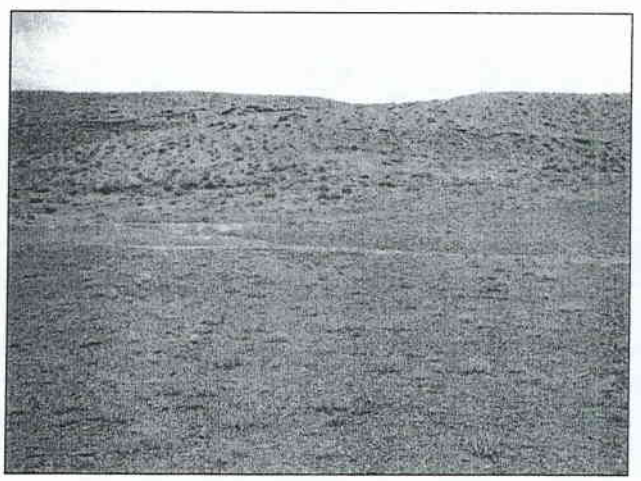


Figure 5. Photo Point P1-050908-06. View to S of eolian deposits in SE corner of qtr-qtr.

Figure 6. Photo Point P1-050908-07. View to N from south central qtr-qtr looking at thick (4m) sandstone.

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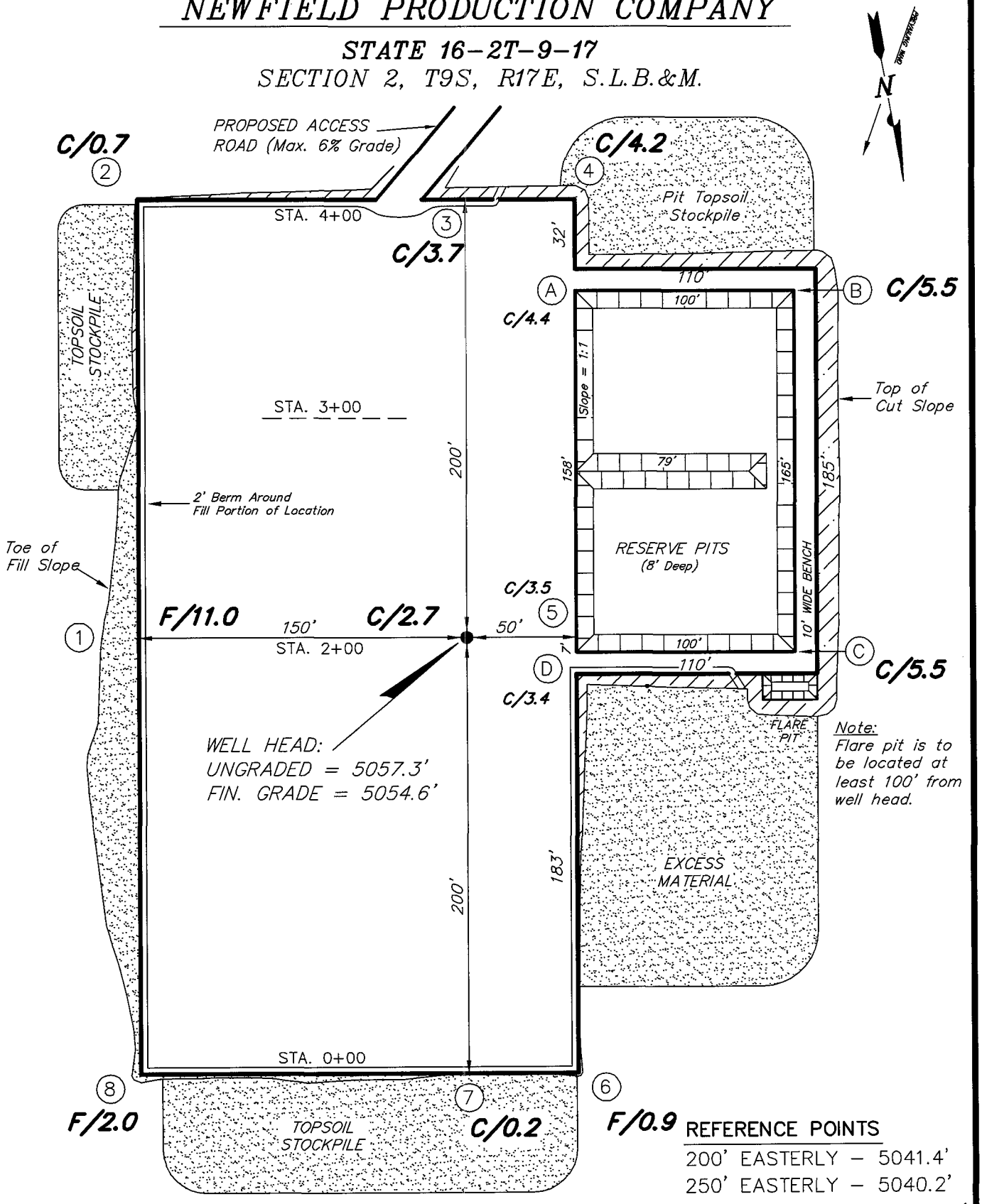
NEWFIELD PRODUCTION COMPANY

STATE 16-2T-9-17

SECTION 2, T9S, R17E, S.L.B.&M.



REFERENCE POINTS

200' EASTERLY – 5041.4'
250' EASTERLY – 5040.2'
250' NORTHERLY – 5049.6'
300' NORTHERLY – 5045.4'

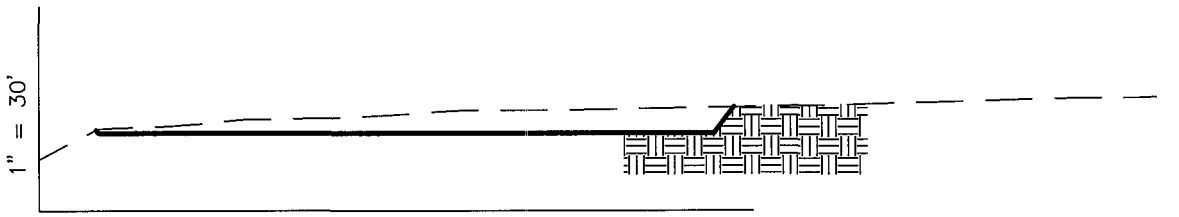
SURVEYED BY: C.M.	DATE SURVEYED:	2-17-08	
DRAWN BY: M.W.	DATE DRAWN:	2-18-08	
SCALE: 1" = 60'	REVISED:		

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

STATE 16-2T-9-17



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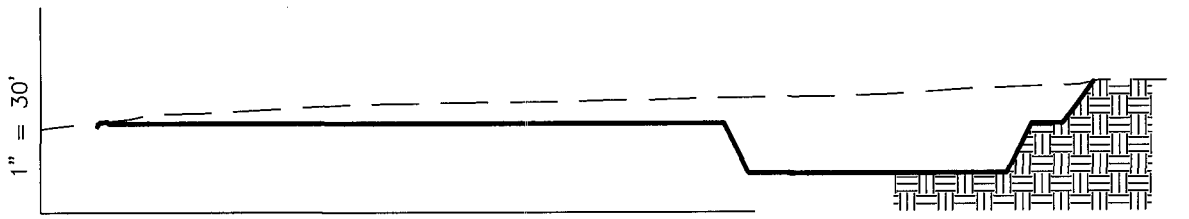

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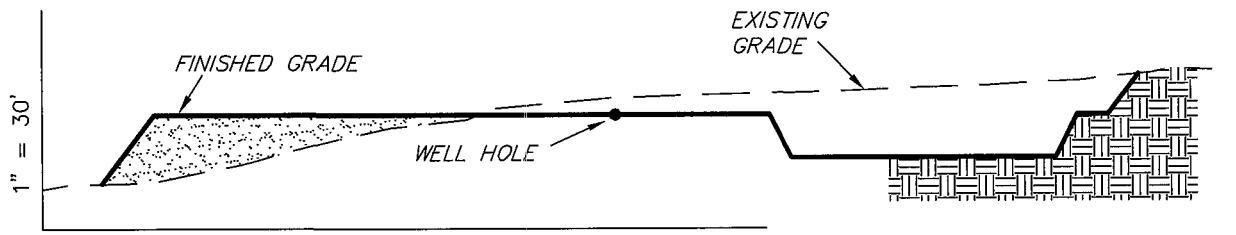

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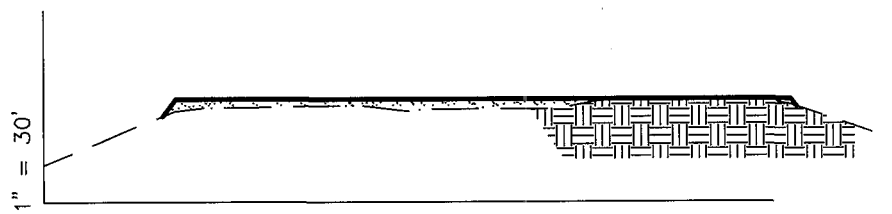


STA. 0+00

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

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

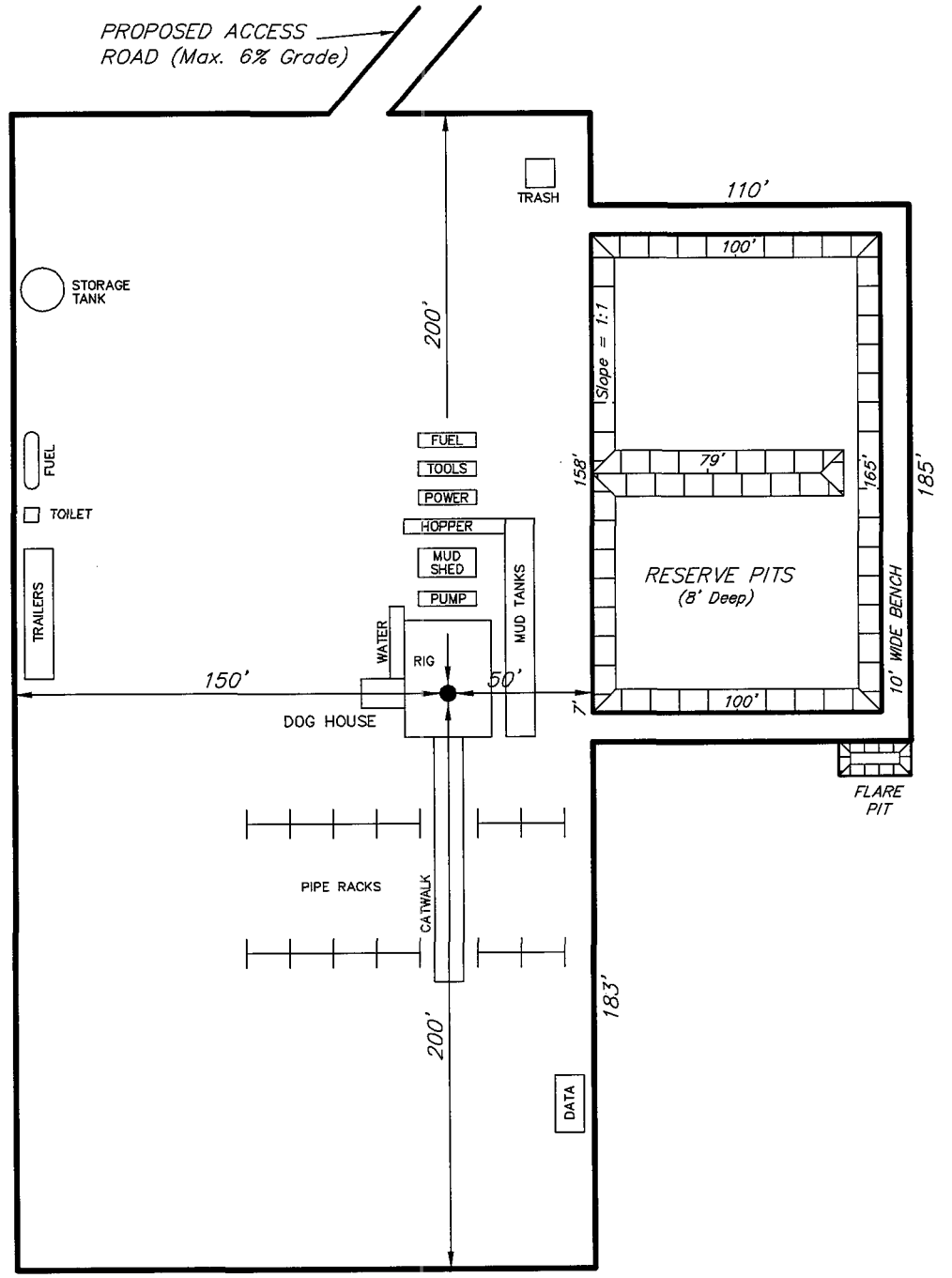
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	7,130	7,130	Topsoil is not included in Pad Cut	0
PIT	4,100	0		4,100
TOTALS	11,230	7,130	2,050	4,100

SURVEYED BY: C.M.	DATE SURVEYED:	2-17-08	
DRAWN BY: M.W.	DATE DRAWN:	2-18-08	
SCALE: 1" = 60'	REVISED:		

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

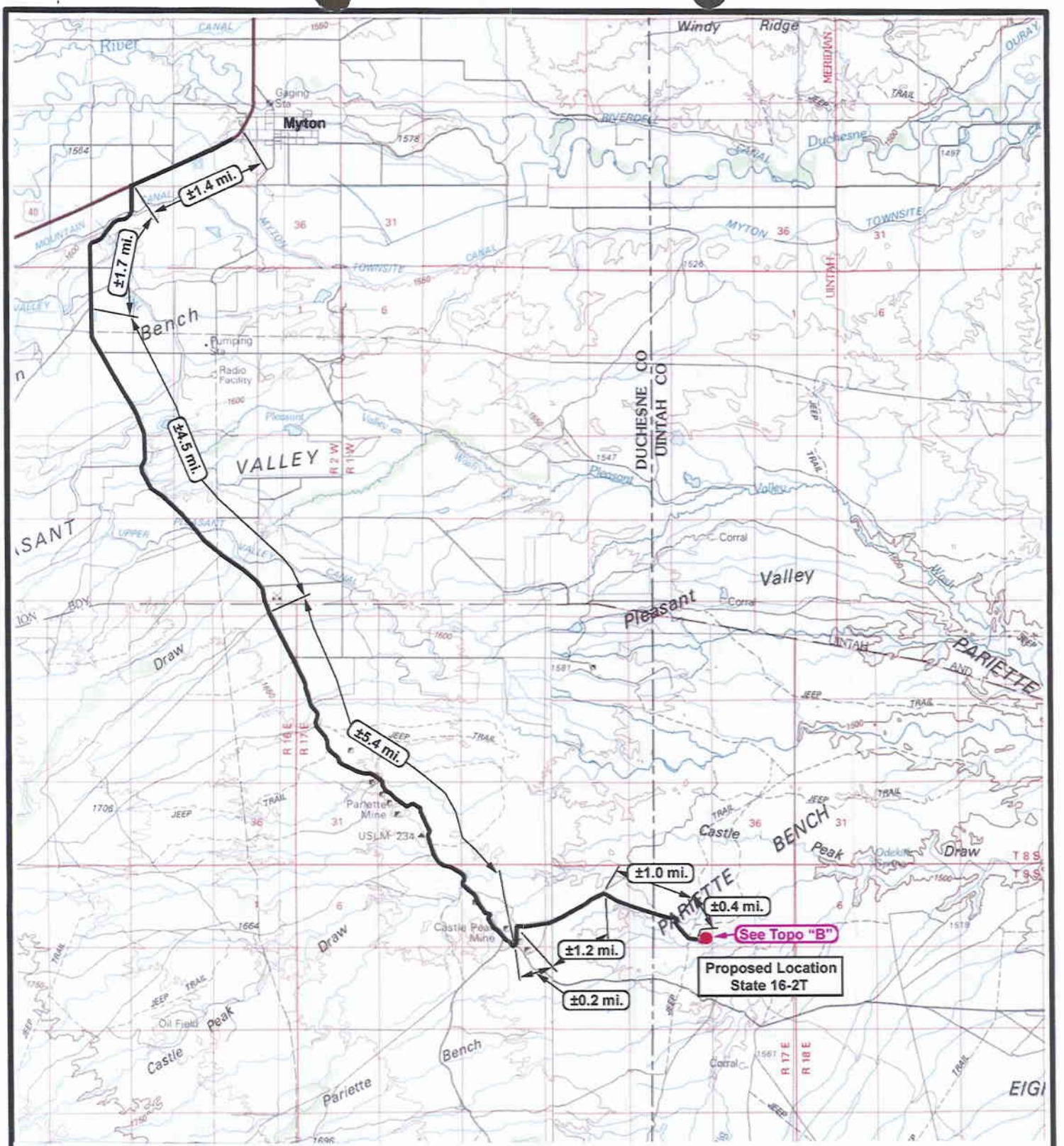
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT
STATE 16-2T-9-17



SURVEYED BY: C.M.	DATE SURVEYED:	2-17-08	
DRAWN BY: M.W.	DATE DRAWN:	2-18-08	
SCALE: 1" = 60'	REVISED:		

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



NEWFIELD
Exploration Company

State 16-2T-9-17
SEC. 2, T9S, R17E, S.L.B.&M.

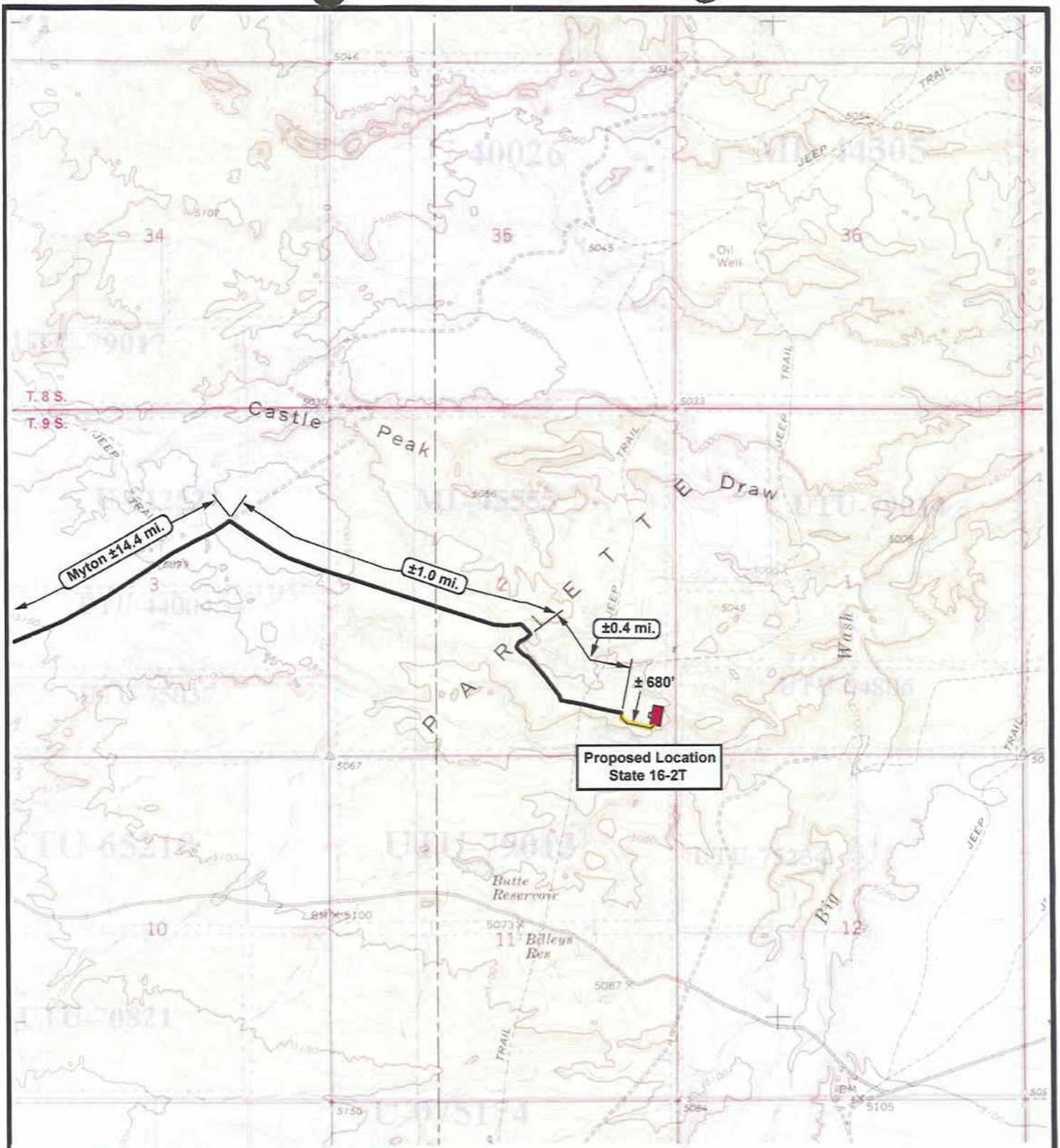
N

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

SCALE: 1:100,000
DRAWN BY: nc
DATE: 04-08-2008

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

State 16-2T-9-17
SEC. 2, T9S, R17E, S.L.B.&M.

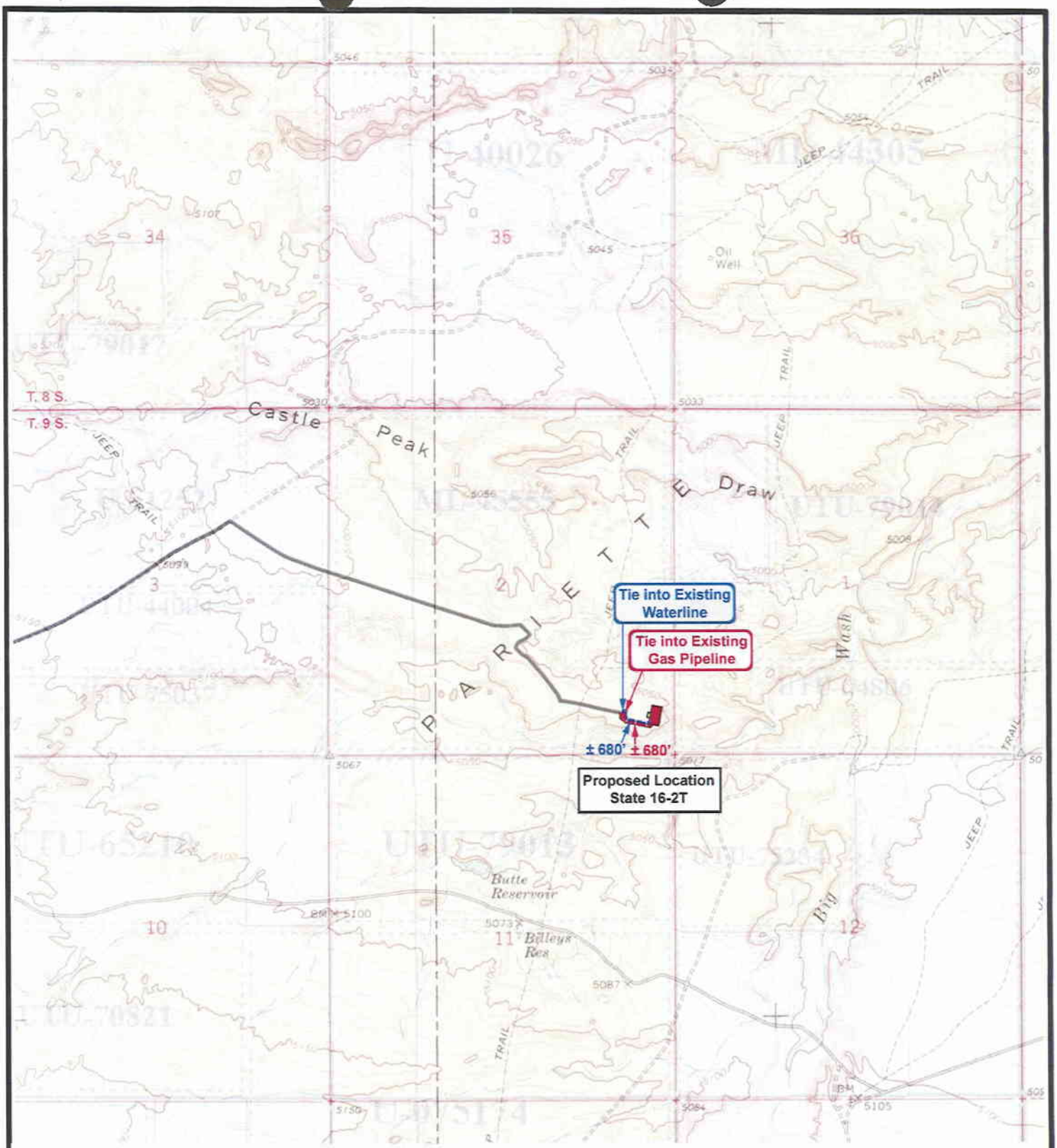
N

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

SCALE: 1" = 2,000'
DRAWN BY: nc
DATE: 04-08-2008

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

State 16-2T-9-17
SEC. 2, T9S, R17E, S.L.B.&M.

N

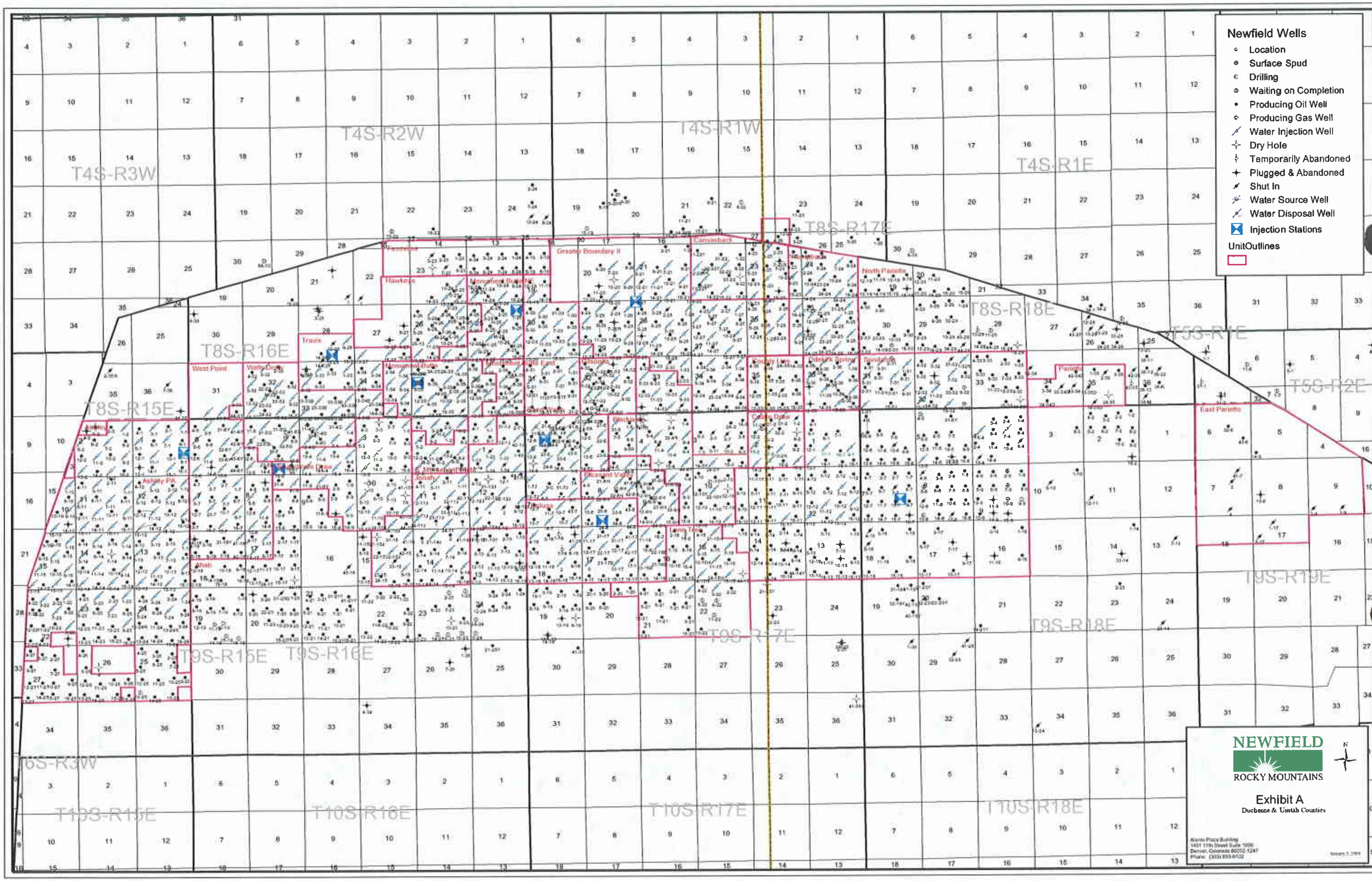
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

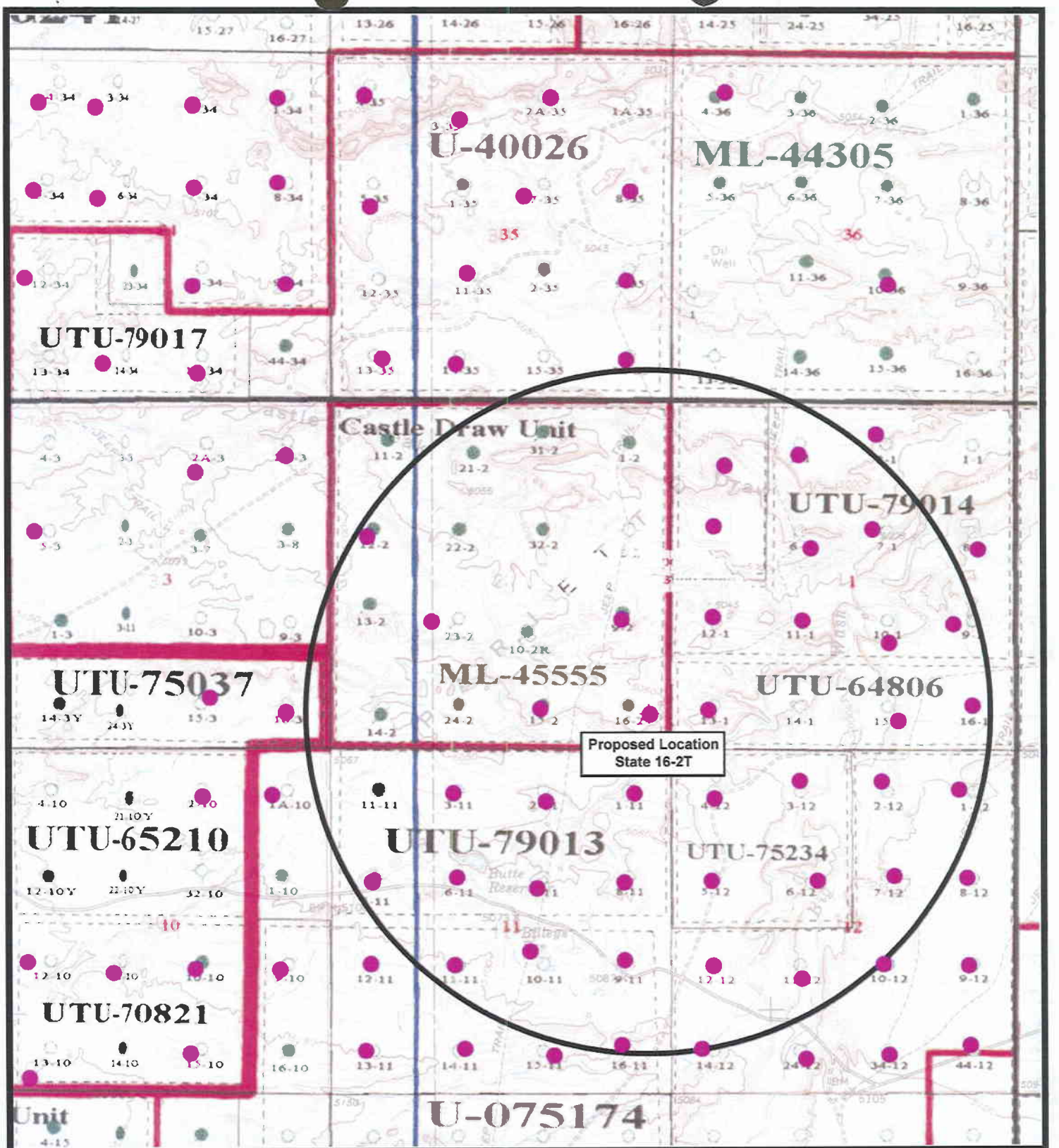
SCALE: 1" = 2,000'
DRAWN BY: nc
DATE: 04-08-2008

Legend

- Existing Road
- Proposed Access
- Proposed Gas Line
- Proposed Waterline

TOPOGRAPHIC MAP
"C"


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well
Water Injection Well
Dry Hole
Temporarily Abandoned
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R3W
T4S-R2W
T4S-R1W
T4S-R1E
T8S-R17E
T8S-R18E
T8S-R16E
T8S-R15E
T5S-R1E
T5S-R2E
T9S-R15E
T9S-R16E
T9S-R17E
T9S-R18E
T9S-R19E
T6S-R3W
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
NEWFIELD
ROCKY MOUNTAINS
Exhibit A
Duchesne & Uintah Counties



NEWFIELD
Exploration Company

State 16-2T-9-17
SEC. 2, T9S, R17E, S.L.B.&M.

N

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

SCALE: 1" = 2,000'
DRAWN BY: nc
DATE: 04-08-2008

Legend

- Location
- One-Mile Radius

Exhibit "B"

11" 5 M stack

Blowout Prevention Equipment Systems

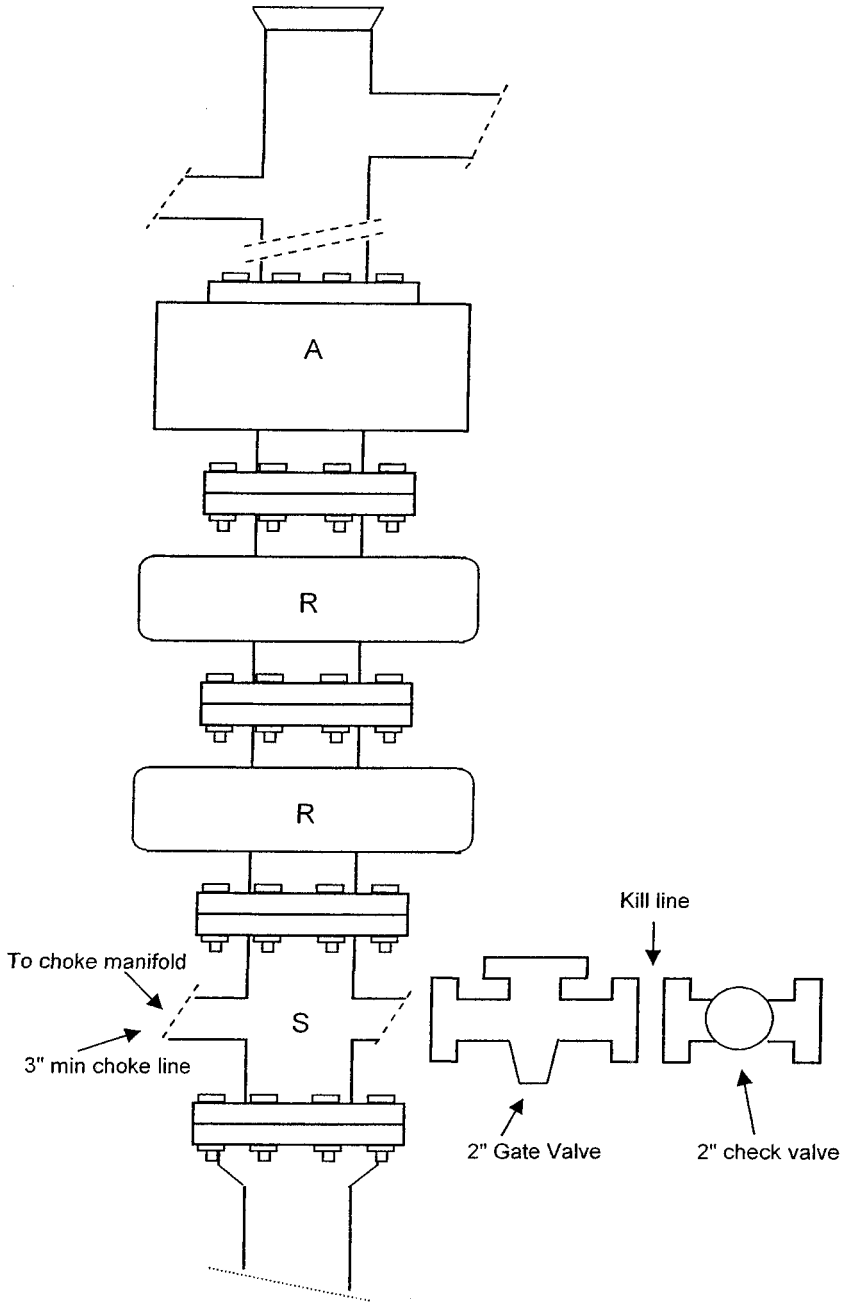


FIG. 2.C.5
ARRANGEMENT S*RRA
Double Ram Type Preventers

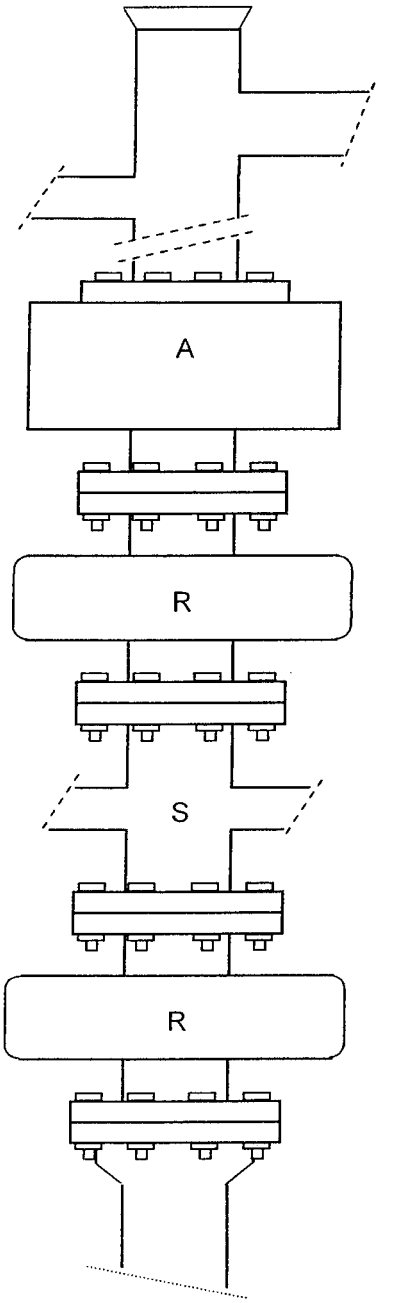


FIG. 2.C.6
ARRANGEMENT RS*RA

EXAMPLE BLOWOUT PREVENTER
ARRANGEMENTS FOR 3M AND 5M RATED
WORKING PRESSURE

* Drilling spool and its location in the stack arrangement is optional- refer to Par 2 C 6

Exhibit "D"
1 of 2

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S THREE 40 ACRE PARCELS: STATE 11-2T-9-17, CASTLE DRAW STATE 11-2T-9-17, AND CASTLE DRAW 16-2T-9-17 (T 9S, R 17E, SECTION 2) DUCHESNE AND UINTAH COUNTIES, UTAH

By:

Patricia Stavish

Prepared For:

State of Utah
School and Institutional Trust Lands Adminstration

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-088

April 28, 2008

State of Utah Public Lands Policy Coordination Office
Permit No. 117

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-0235s

2 of 2

Paleontological Assessment for Newfield Exploration Co. 40-Acre Parcel around Proposed Well Castle Draw 16-2T-9-17

Pariette Draw SW Quadrangle

Uintah County, Utah

Prepared for

Newfield Production Co.
and
School and Institutional Trust Land Administration

Prepared by

SWCA Environmental Consultants

June 18, 2008
SWCA #UT08-14273-15

From: Jim Davis
To: Bonner, Ed; Garrison, LaVonne; Mason, Diana
Date: 10/30/2008 9:19 AM
Subject: Well approvals

The following wells have been approved by SITLA, including arch and plaeo clearance.

Kerr McGEE	43-047-39954	NBU 1022-02F
Kerr McGEE	43-047-39955	NBU 1022-02D
Kerr McGEE	43-047-39959	NBU 1022-13H
Newfield Prod Co	43-013-34005	State 9-32T-8-17
Newfield Prod Co	43-047-40160	State 13-36T-8-17
Newfield Prod Co	43-047-40161	State 16-2T-9-17
Newfield Prod Co	43-013-34006	State 11-2T-9-17

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 5, 2008

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

Re: State 16-2T-9-17 Well, 644' FSL, 337' FEL, SE SE, Sec. 2, T. 9 South, R. 17 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-40161.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING

Operator: Newfield Production Company

Well Name & Number State 16-2T-9-17

API Number: 43-047-40161

Lease: ML-45555

Location: SE SE **Sec.** 2 **T.** 9 South **R.** 17 East

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**

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

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

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

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

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

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

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. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Cement volume for the 7 5/8" intermediate production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 3500' MD minimum in order to adequately isolate the Green River formation.

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

8. Surface casing shall be cemented to the surface.

CONFIDENTIAL

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS** Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	5. LEASE DESIGNATION AND SERIAL NO. **ML-45555** 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME **N/A**
OIL WELL [ ] GAS WELL [X] OTHER [ ]	7. UNIT AGREEMENT NAME **NA**
2. NAME OF OPERATOR **NEWFIELD PRODUCTION COMPANY**	8. WELL NAME and NUMBER **STATE 16-2T-9-17**
3. ADDRESS AND TELEPHONE NUMBER **Rt. 3 Box 3630, Myton Utah 84052** **435-646-3721**	9 API NUMBER **43-047-40161**
4. LOCATION OF WELL Footages **644 FSL 337 FEL** QQ, SEC, T, R, M: **SE/SE Section 2, T9S R17E**	10 FIELD AND POOL, OR WILDCAT **MONUMENT BUTTE** COUNTY **UINTAH** STATE **UTAH**

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

NOTICE OF INTENT: (Submit in Duplicate)		**SUBSEQUENT REPORT OF:** (Submit Original Form Only)	
[ ] ABANDON	[ ] NEW CONSTRUCTION	[ ] ABANDON*	[ ] NEW CONSTRUCTION
[ ] REPAIR CASING	[ ] PULL OR ALTER CASING	[ ] REPAIR CASING	[ ] PULL OR ALTER CASING
[ ] CHANGE OF PLANS	[ ] RECOMPLETE	[ ] CHANGE OF PLANS	[ ] RECOMPLETE
[ ] CONVERT TO INJECTION	[ ] REPERFORATE	[ ] CONVERT TO INJECTION	[ ] REPERFORATE
[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE	[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE
[ ] MULTIPLE COMPLETION	[ ] WATER SHUT OFF	[ ] OTHER	
[X] OTHER **Tight Hole Status**		DATE WORK COMPLETED	

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanies by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

Newfield Production is requesting "Tight Hole" Status on the above mentioned well.

13.
NAME & SIGNATURE : Mandie Crozier TITLE Regulatory Specialist DATE 11/24/2008

(This space for State use only)

4/94 *** See Instructions On Reverse Side**

RECEIVED
NOV 26 2008
DIV. OF OIL, GAS & MINING

API Well No: 43047401610000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-45555

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
Gas Well

8. WELL NAME and NUMBER:
STATE 16-2T-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43047401610000

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

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0644 FSL 0337 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 02 Township: 09.0S Range: 17.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

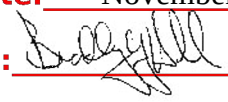
TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/30/2009	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Newfield requests to extend the permit to drill this well for one more year.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 03, 2009

By: 

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE		**DATE**
N/A		10/30/2009

RECEIVED October 30, 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 43047401610000

API: 43047401610000
Well Name: STATE 16-2T-9-17
Location: 0644 FSL 0337 FEL QTR SESE SEC 02 TWNP 090S RNG 170E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 11/5/2008

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

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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier **Date:** 10/30/2009
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: November 03, 2009
By: Dustin Doucet

RECEIVED October 30, 2009

API Well No: 43047401610000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-45555

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
Gas Well

8. WELL NAME and NUMBER:
STATE 16-2T-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43047401610000

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

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0644 FSL 0337 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 02 Township: 09.0S Range: 17.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/5/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
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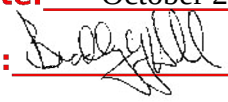
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: October 25, 2010

By: 

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE		**DATE**
N/A		10/19/2010

RECEIVED October 19, 2010

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 43047401610000

API: 43047401610000
Well Name: STATE 16-2T-9-17
Location: 0644 FSL 0337 FEL QTR SESE SEC 02 TWNP 090S RNG 170E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 11/5/2008

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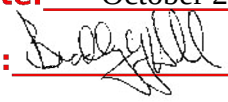
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier **Date:** 10/19/2010
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: October 25, 2010

By: 

RECEIVED October 19, 2010

GARY R. HERBERT
Governor
GREG BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

November 18, 2011

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

Re: APD Rescinded – State 16-2T-9-17, Sec. 2, T.9S, R.17E
Uintah County, Utah API No. 43-047-40161

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 November 5, 2008. On November 3, 2009 and October 25, 2010 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective November 18, 2011.

A new APD must be filed with this office for approval prior 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,

Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner

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