

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Lamb #14-2-4-1				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Kal L. Lamb, Successor Trustee						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-823-6626				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 332, Myton, UT 84052						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		705 FSL 2123 FWL		SESW	2	4.0 S	1.0 W	U		
Top of Uppermost Producing Zone		705 FSL 2123 FWL		SESW	2	4.0 S	1.0 W	U		
At Total Depth		705 FSL 2123 FWL		SESW	2	4.0 S	1.0 W	U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 705			23. NUMBER OF ACRES IN DRILLING UNIT 40				
27. ELEVATION - GROUND LEVEL 5026			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0			26. PROPOSED DEPTH MD: 8500 TVD: 8500				
			28. BOND NUMBER B 001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hold Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 1000	24.0	J-55 ST&C	0.0	Class G	406	1.17	15.8
PROD	7.875	5.5	0 - 850	17.0	N-80 LT&C	10.0	Premium Lite High Strength	285	3.49	11.0
							50/50 Poz	563	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton			TITLE Permitting Agent			PHONE 435 719-2018				
SIGNATURE			DATE 07/05/2011			EMAIL starpoint@etv.net				
API NUMBER ASSIGNED 43013508720000						APPROVAL				

Newfield Production Company
Lamb #14-2-4-1
SE/SW Section 2, T4S, R1W
Uintah County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	2,420'
Wasatch	7,515'
TD	8,500'

2. Depth to Oil, Gas, Water, or Minerals

Green River	5,515' - 7,515'
Wasatch	7,515' - TD

Fresh water may be encountered in the Uinta Formation, but is not expected below about 500'.

3. Pressure Control

<u>Section</u>	<u>BOP Description</u>
Surface	12-1/4" diverter bowl
Production	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Surface	0'	1,000'	24	J-55	STC	8.33	8.33	12	2,950	1,370	244,000
8 5/8									5.26	4.31	10.17
Production	0'	8,500'	17	N-80	LTC	9.5	10	--	7,740	6,280	348,000
5 1/2									2.31	1.76	2.41

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

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

Up to 20' of conductor drive pipe may be used, minimum diameter 13 3/8"

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Surface	12 1/4	1,000'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	475	15%	15.8	1.17
				406			
Production Lead	7 7/8	4,995'	Premium Lite II w/ 3% KCl + 10% bentonite	995	15%	11.0	3.49
				285			
Production Tail	7 7/8	3,505'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	698	15%	14.3	1.24
				563			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
Surface - 1,000'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.
1,000' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 10.0 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBDT to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.49 psi/ft gradient.

$$8,500' \times 0.49 \text{ psi/ft} = 4199 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

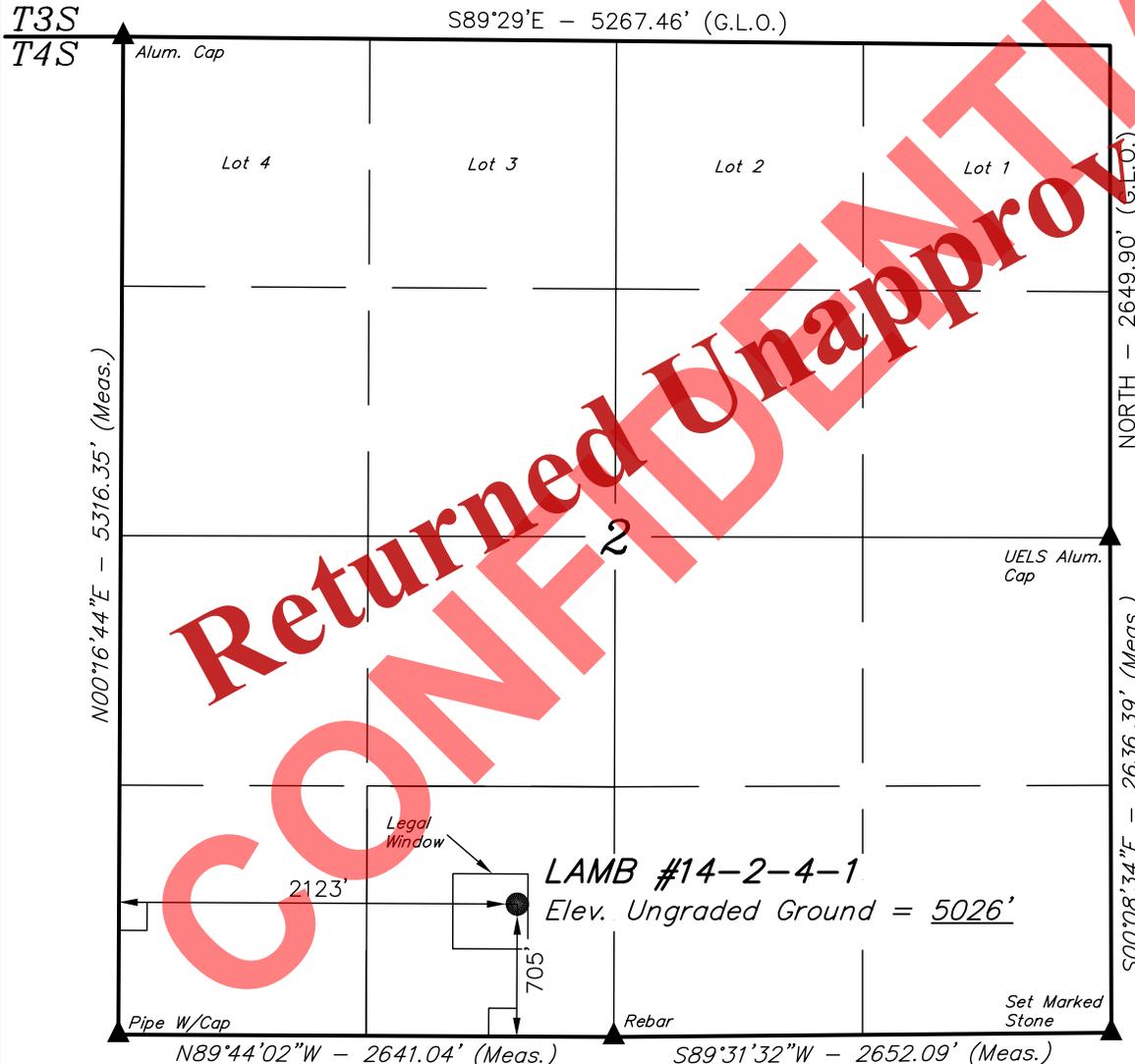
This is planned as a vertical well.

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

NEWFIELD EXPLORATION COMPANY

Well location, LAMB #14-2-4-1, located as shown in the SE 1/4 SW 1/4 of Section 2, T4S, R1W, U.S.B.&M., Uintah County, Utah.

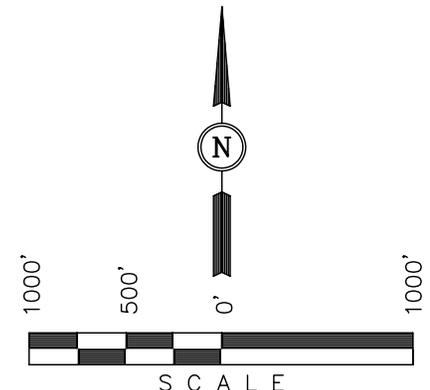


BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

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.

ROBERT L. KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 06-16-11

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 40°09'31.33" (40.158703)
 LONGITUDE = 109°57'55.71" (109.965475)
 (NAD 27)
 LATITUDE = 40°09'31.47" (40.158742)
 LONGITUDE = 109°57'53.18" (109.964772)

RECEIVED: Jul. 19, 2011

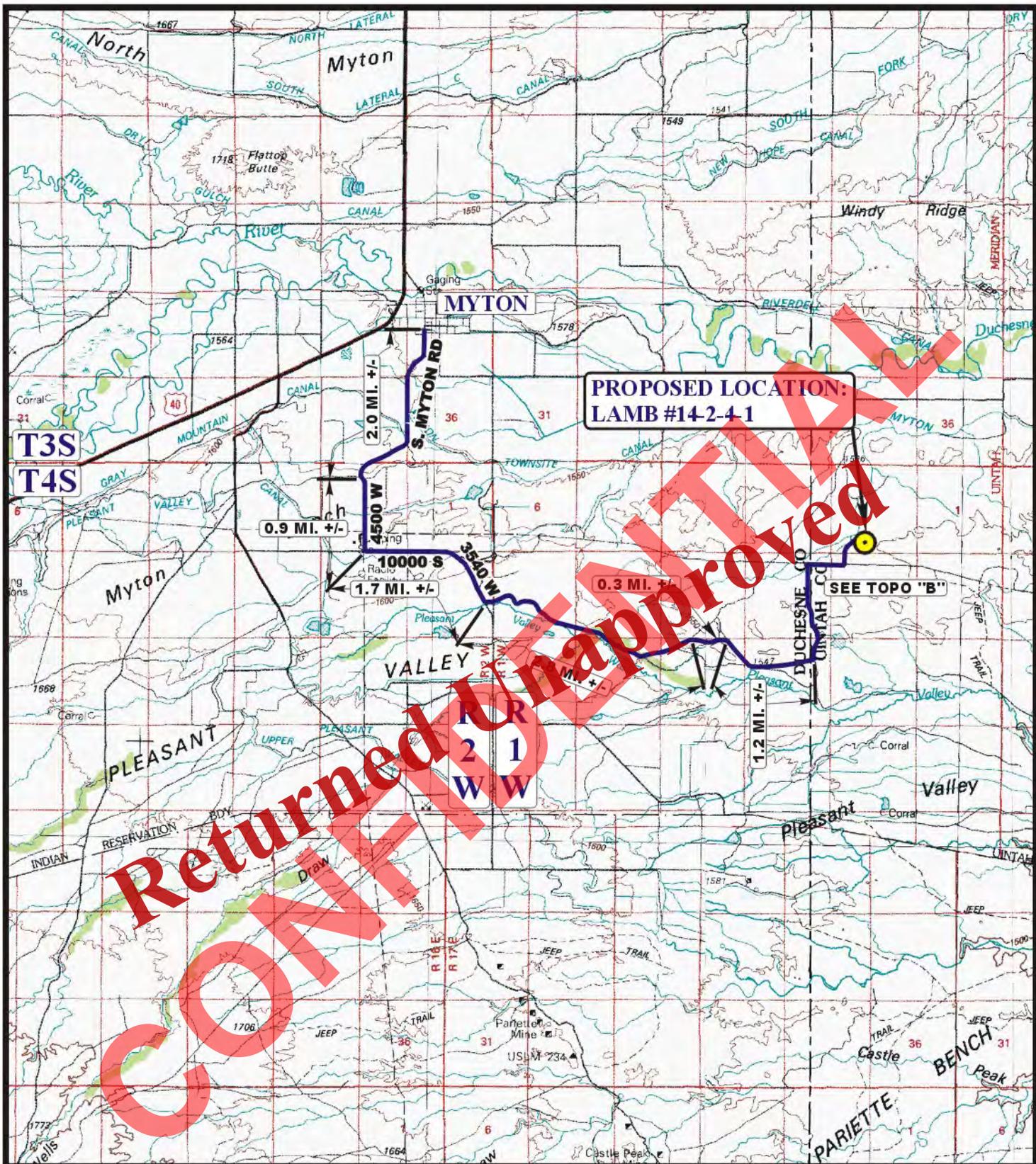
NEWFIELD EXPLORATION COMPANY

LAMB #14-2-4-1

SECTION 2, T4S, R1W, U.S.B.&M.

PROCEED IN A SOUTHERLY DIRECTION FROM MYTON, UTAH ALONG THE SOUTH MYTON ROAD APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND 4500 WEST TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND 10000 SOUTH TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN EASTERLY, THEN NORTHERLY, THEN EASTERLY DIRECTION APPROXIMATELY 10,429' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED LOCATION IS APPROXIMATELY 10.9 MILES.



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LEGEND:

PROPOSED LOCATION

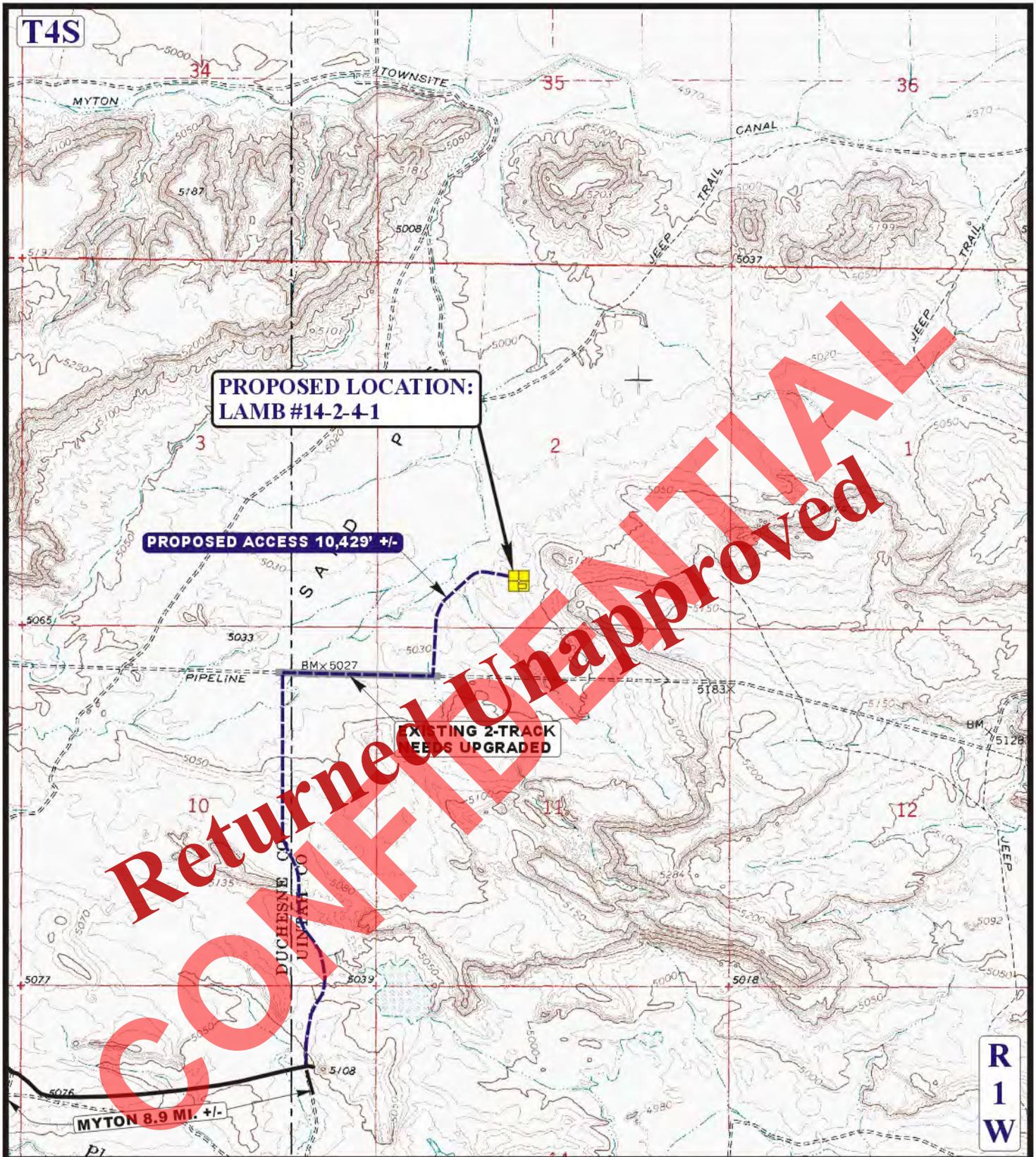


NEWFIELD EXPLORATION COMPANY

LAMB #14-2-4-1
SECTION 2, T4S, R1W, U.S.B.&M.
705' FSL 2123' FWL

UEIS	Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813
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ACCESS ROAD MAP	<table style="display: inline-table; border: none;"> <tr> <td style="border: 1px solid black; padding: 2px 5px;">06</td> <td style="border: 1px solid black; padding: 2px 5px;">15</td> <td style="border: 1px solid black; padding: 2px 5px;">11</td> </tr> <tr> <td style="border: none; font-size: 8px;">MONTH</td> <td style="border: none; font-size: 8px;">DAY</td> <td style="border: none; font-size: 8px;">YEAR</td> </tr> </table>	06	15	11	MONTH	DAY	YEAR	TOPO
06	15	11						
MONTH	DAY	YEAR						
SCALE: 1:100,000	DRAWN BY: J.J.	REVISED: 00-00-00						



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING 2-TRACK NEEDS UPGRADED

NEWFIELD EXPLORATION COMPANY

LAMB #14-2-4-1
SECTION 2, T4S, R1W, U.S.B.&M.
705' FSL 2123' FWL



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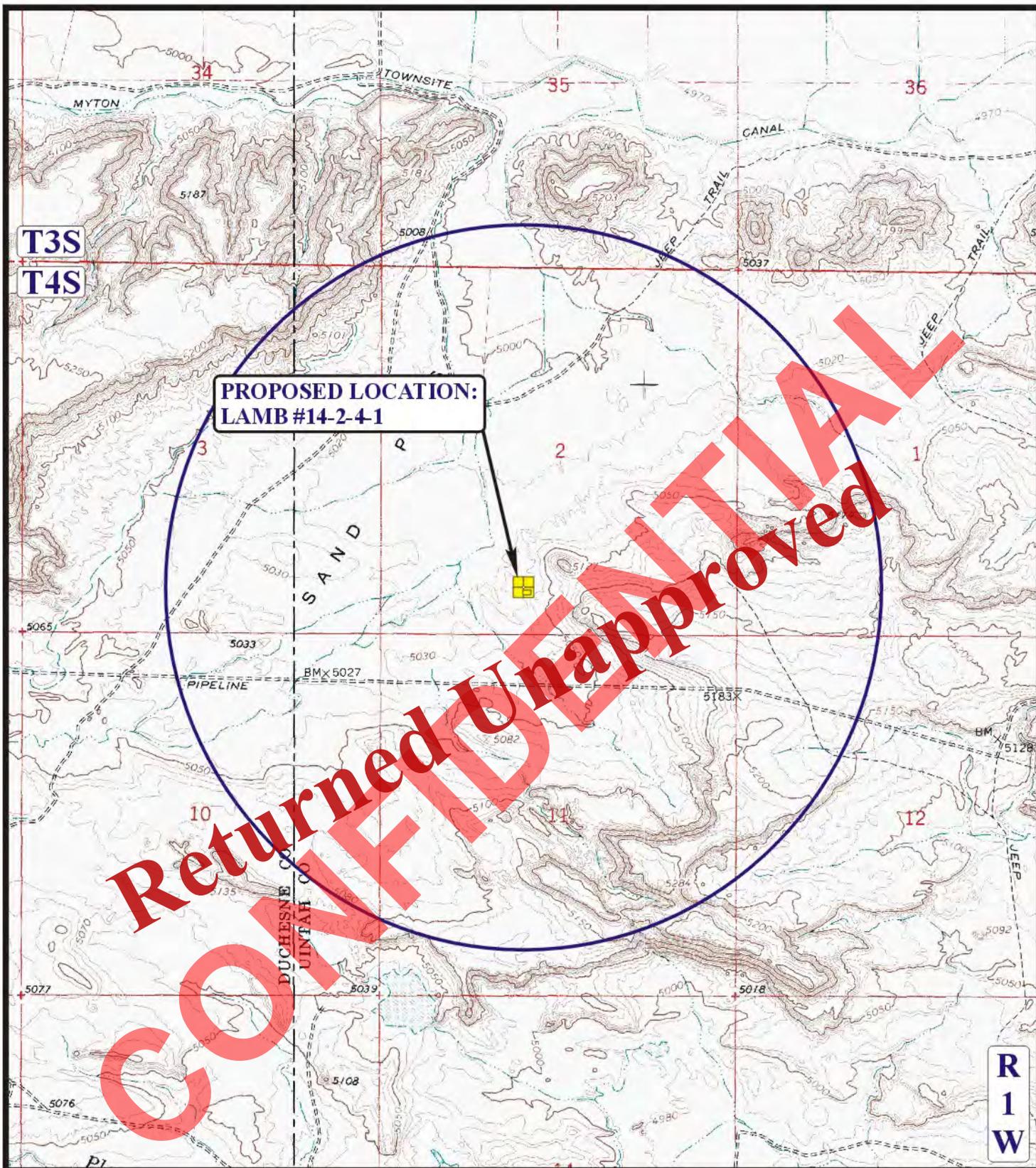


ACCESS ROAD
MAP

06	15	11
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00





LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

NEWFIELD EXPLORATION COMPANY

LAMB #14-2-4-1
SECTION 2, T4S, R1W, U.S.B.&M.
705' FSL 2123' FWL



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TOPOGRAPHIC MAP 06 15 11
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00



AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Roxann Eveland personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Roxann Eveland. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Lamb 14-2-4-1 well to be located in the SESW of Section 2, Township 4 South, Range 1 West, Uintah County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Karl L. Lamb, Successor Trustee of The Rex and LaRue Lamb Revocable Trust dated May 17, 1993 as restated and amended June 12, 1996, whose address is PO Box 332, Myton, UT 84052 ("Surface Owner").
3. Harvest (US) Holdings, Inc., predecessor to Newfield, and the Surface Owner have agreed upon a Damage Settlement and Release dated December 30, 2010 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NO

Roxann Eveland

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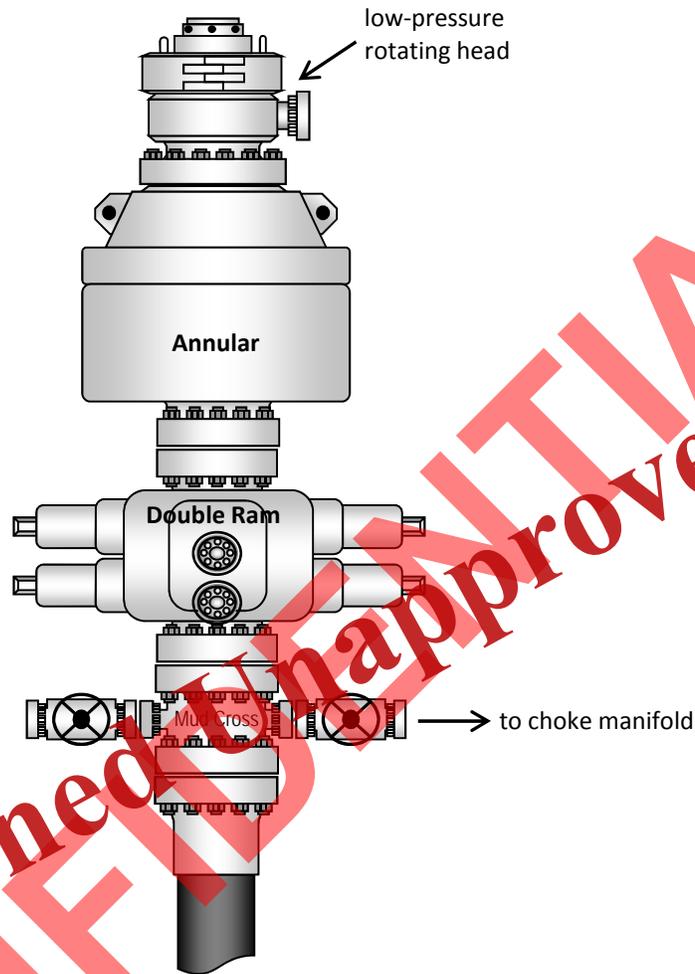
ACKNOWLEDGEMENT

STATE OF COLORADO §
 §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this ____ day of _____, 2011, personally appeared _____, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that _____ executed the same as _____ own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

Typical 5M BOP stack configuration

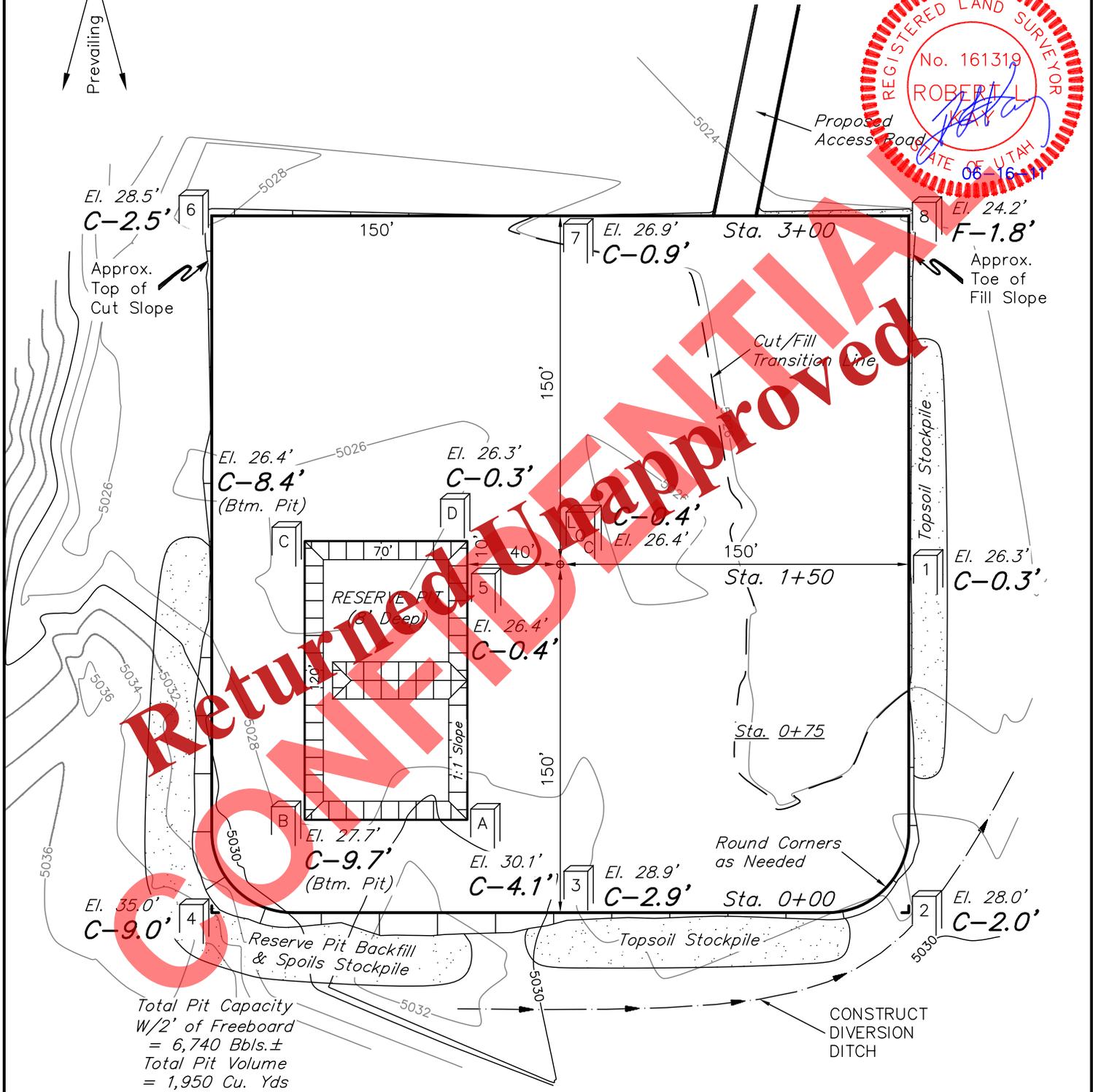
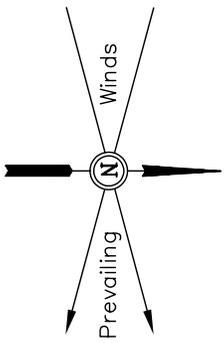


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NEWFIELD EXPLORATION COMPANY
 LOCATION LAYOUT FOR
 LAMB #14-2-4-1
 SECTION 2, T4S, R1W, U.S.B.&M.
 705' FSL 2123' FWL

FIGURE #1

SCALE: 1" = 60'
 DATE: 06-14-11
 DRAWN BY: J.I.



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Total Pit Capacity
 W/2' of Freeboard
 = 6,740 Bbls.±
 Total Pit Volume
 = 1,950 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = 5026.4'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5026.0'

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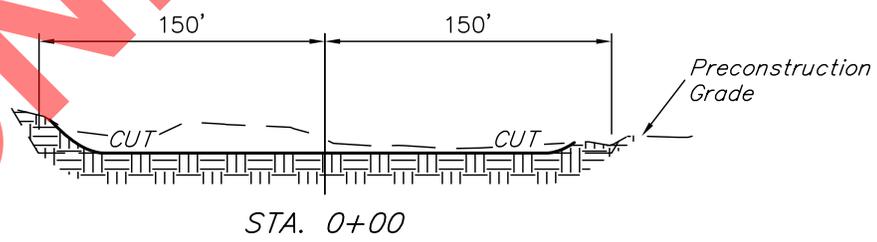
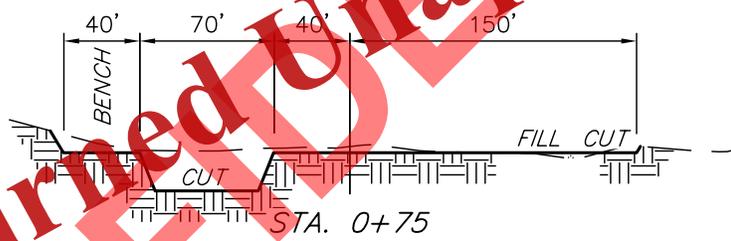
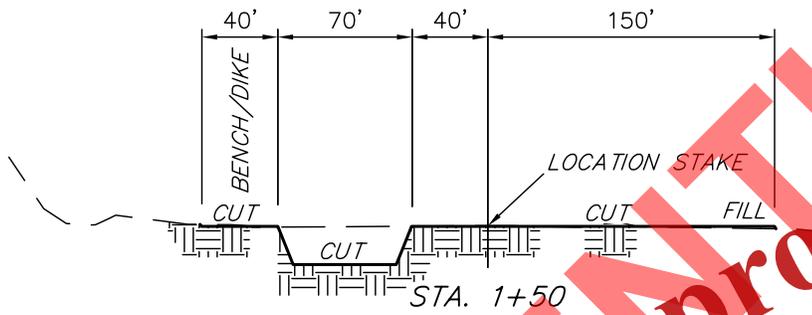
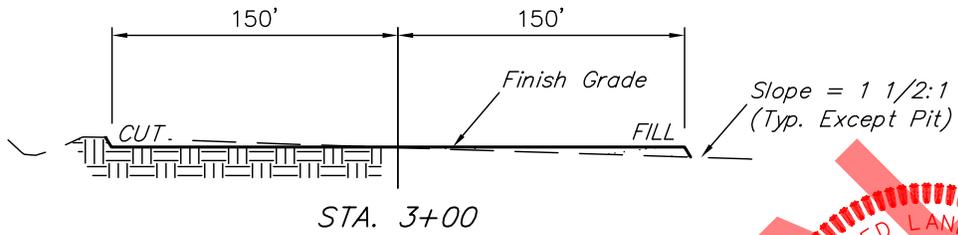
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NEWFIELD EXPLORATION COMPANY

FIGURE #2

X-Section Scale
1" = 100'
DATE: 06-14-11
DRAWN BY: J.I.

TYPICAL CROSS SECTIONS FOR
LAMB #14-2-4-1
SECTION 2, T4S, R1W, U.S.B.&M.
705' FSL 2123' FWL



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NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES
 WELL SITE DISTURBANCE = ± 2.812 ACRES
 ACCESS ROAD DISTURBANCE = ± 15.763 ACRES
 TOTAL = ± 18.575 ACRES

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,760 Cu. Yds.
Remaining Location	=	3,440 Cu. Yds.
TOTAL CUT	=	5,200 CU.YDS.
FILL	=	1,290 CU.YDS.

EXCESS MATERIAL	=	3,910 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,740 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	1,170 Cu. Yds.

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NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT FOR

LAMB #14-2-4-1

SECTION 2, T4S, R1W, U.S.B.&M.

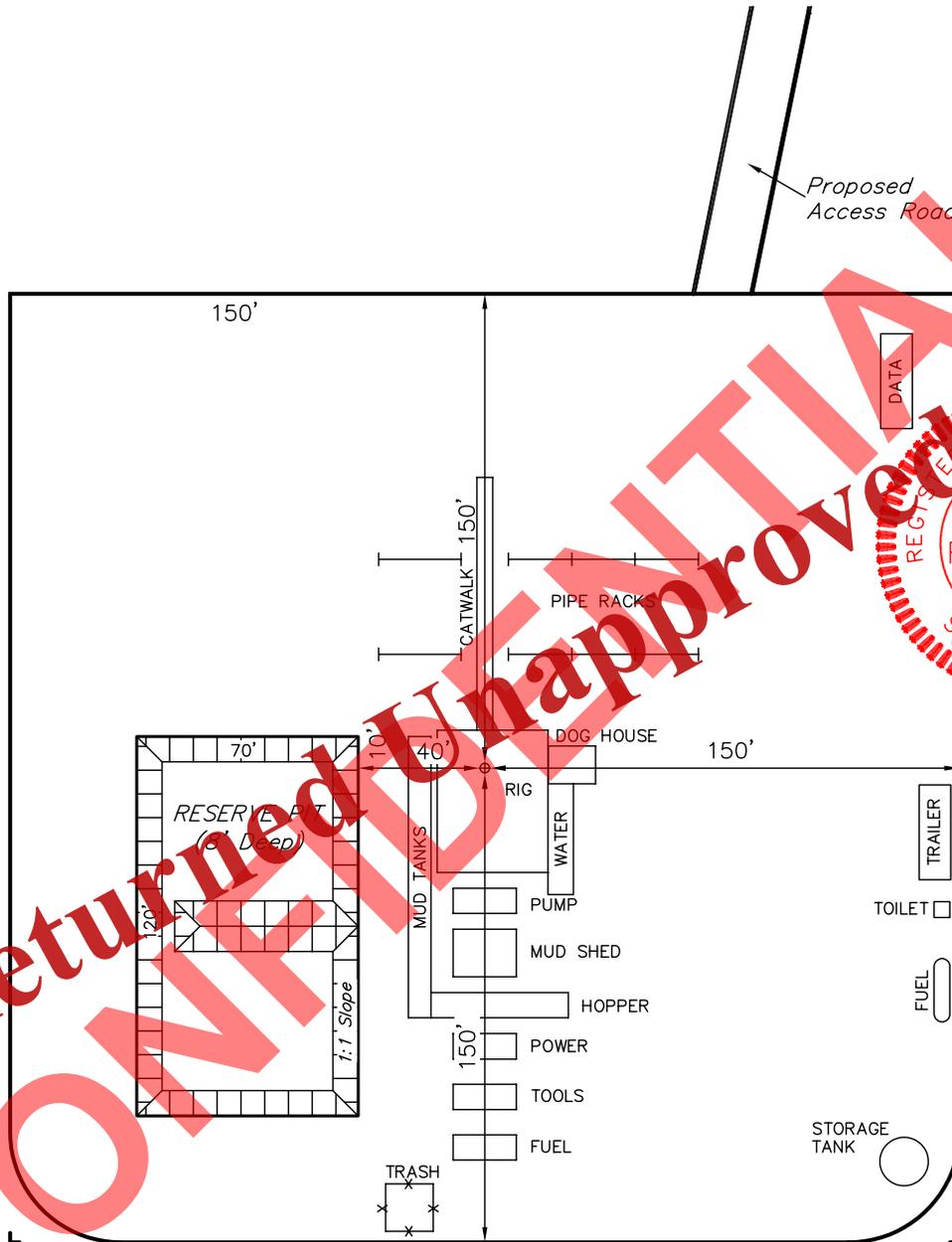
705' FSL 2123' FWL

FIGURE #3

SCALE: 1" = 60'

DATE: 06-14-11

DRAWN BY: J.I.



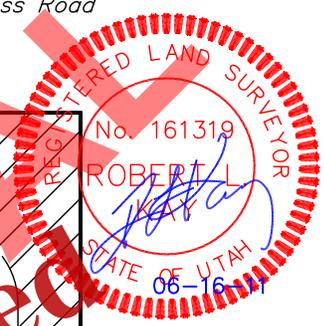
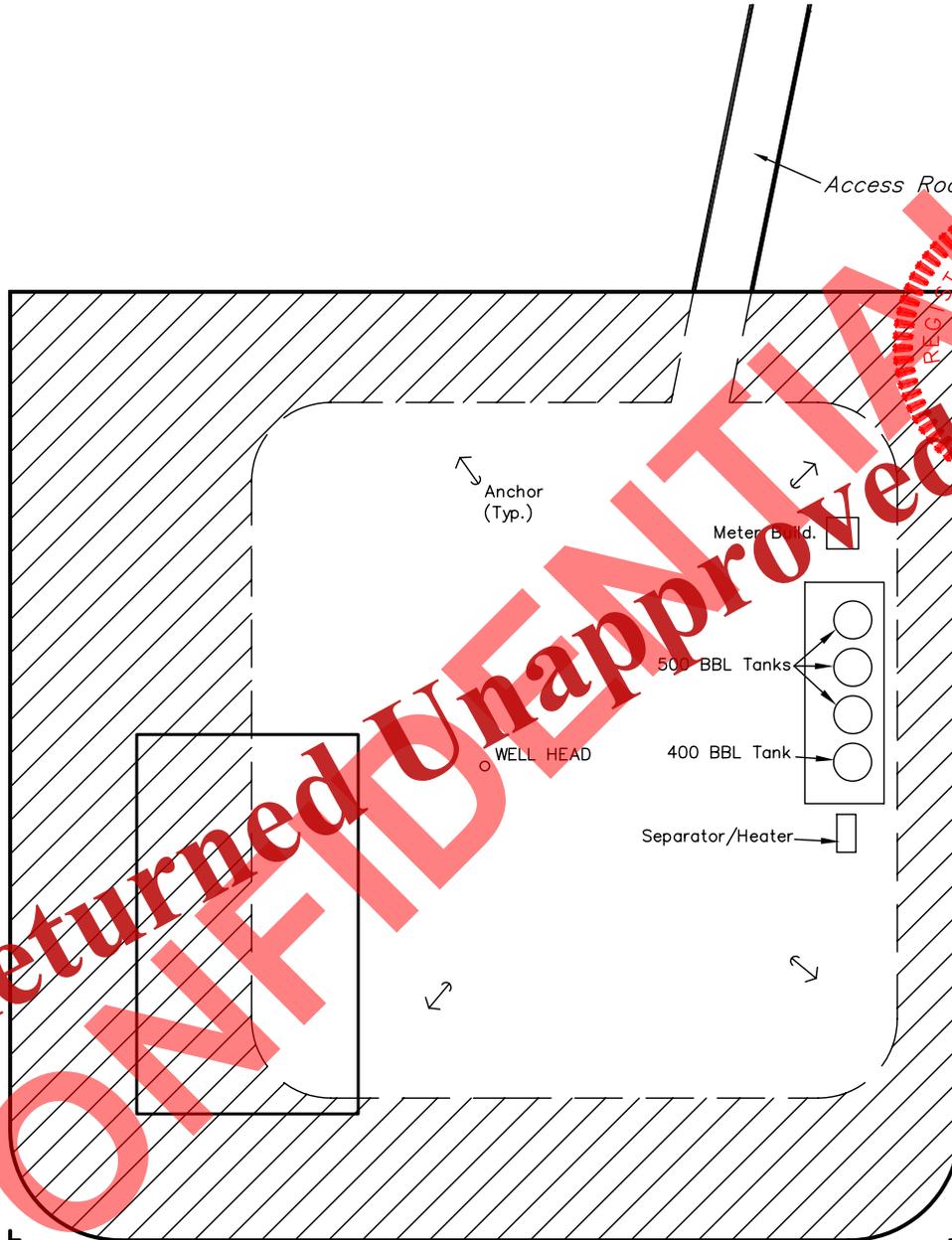
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 CONTINUED

Total Pit Capacity
 W/2' of Freeboard
 = 6,740 Bbls.±
 Total Pit Volume
 = 1,950 Cu. Yds

NEWFIELD EXPLORATION COMPANY
PRODUCTION FACILITY LAYOUT FOR
LAMB #14-2-4-1
SECTION 2, T4S, R1W, U.S.B.&M.
705' FSL 2123' FWL

FIGURE #4

SCALE: 1" = 60'
DATE: 06-14-11
DRAWN BY: J.I.



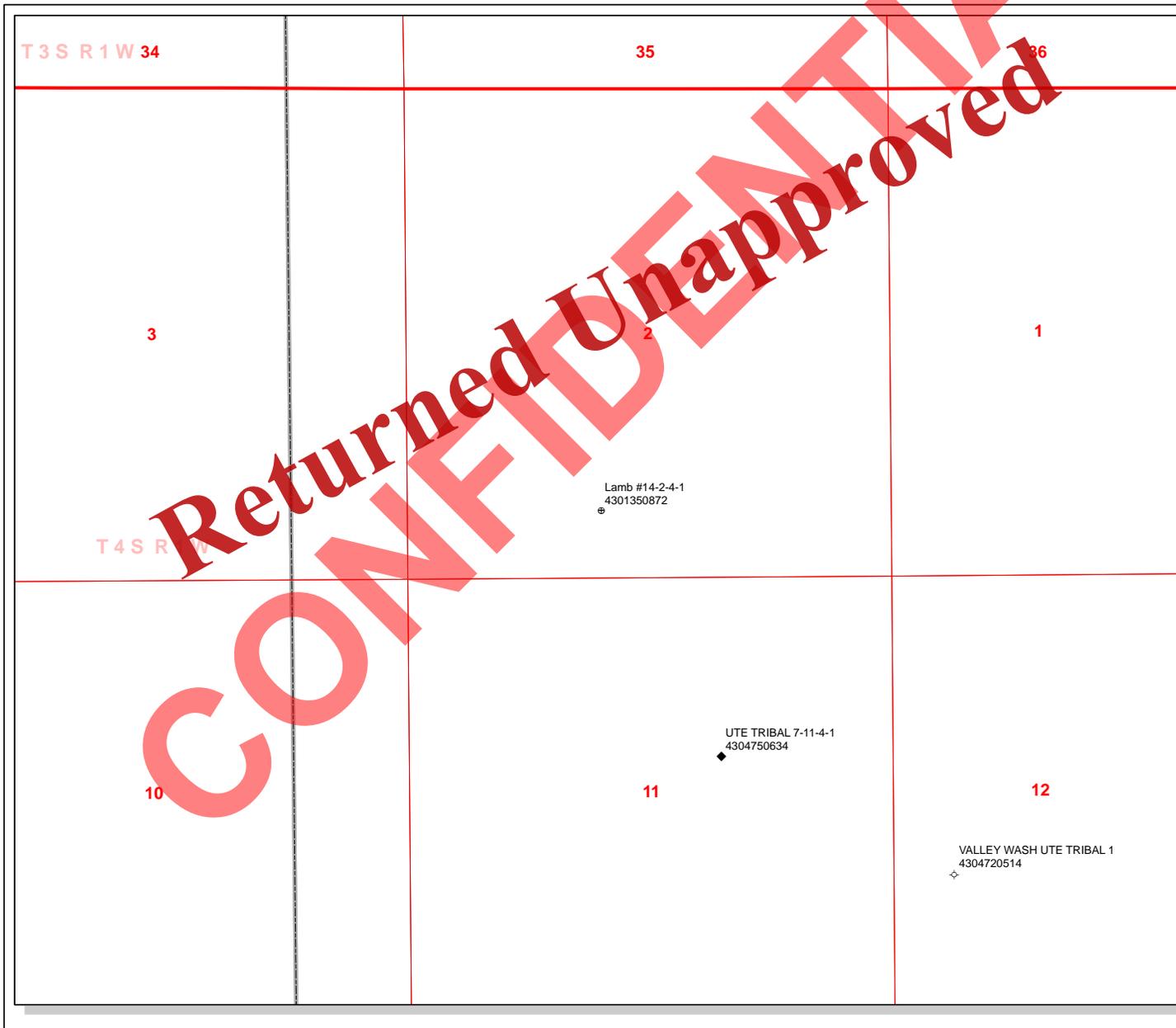
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APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.033 ACRES

 RECLAIMED AREA

UINTAH ENGINEERING & LAND SURVEYING
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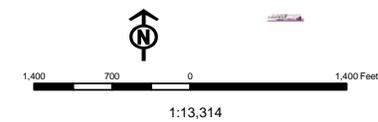
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API Number: 4301350872
Well Name: Lamb #14-2-4-1
 Township T0.4 . Range R0.1 . Section 02
 Meridian: UBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

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





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 19, 2011

NEWFIELD PRODUCTION
COMPANY
Rt 3 Box 3630
Myton, UT 84052

Re: Application for Permit to Drill - UINTAH County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the Lamb #14-2-4-1 well, API 43013508720000 that was submitted July 05, 2011 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason
Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah