

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER UTE 16-5A-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 UNDESIGNATED							
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME							
6. NAME OF OPERATOR FINLEY RESOURCES INC						7. OPERATOR PHONE 817 231-8735							
8. ADDRESS OF OPERATOR PO Box 2200, Fort Worth, TX, 76113						9. OPERATOR E-MAIL awilkerson@finleyresources.com							
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-4896			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input 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') Coleman, et al.						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-654-1666							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 148 West Center Street, ,						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		1650 FNL 462 FWL		SWNW		16		4.0 S		1.0 E		U	
Top of Uppermost Producing Zone		1650 FNL 462 FWL		SWNW		16		4.0 S		1.0 E		U	
At Total Depth		1650 FNL 462 FWL		SWNW		16		4.0 S		1.0 E		U	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 462			23. NUMBER OF ACRES IN DRILLING UNIT 40							
27. ELEVATION - GROUND LEVEL 5326			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1190			26. PROPOSED DEPTH MD: 8500 TVD: 8500							
			28. BOND NUMBER RLB 0011294			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496							
<b>Hole, Casing, and Cement Information</b>													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight		
COND	17.5	13.375	0 - 60	48.0	H-40 ST&C	0.0	Class G		41	1.17	15.8		
SURF	12.25	8.625	0 - 358	32.0	J-55 ST&C	8.6	Premium Lite High Strength		47	3.53	11.0		
							Class G		111	1.17	15.8		
PROD	7.875	5.5	0 - 8500	15.5	J-55 LT&C	9.5	50/50 Poz		961	1.24	13.2		
<b>ATTACHMENTS</b>													
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>													
<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 Agent				PHONE 435 719-2018					
SIGNATURE				DATE 05/14/2012				EMAIL starpoint@etv.net					
API NUMBER ASSIGNED 43047526640000				APPROVAL				 Permit Manager					

**Finley Resources, Inc.**  
**UTE 16-5A-4-1**  
**1650' FNL & 462' FWL, SW/4 NW/4, Sec 16, T4S, R1E, U.S.B.&M.**  
**Uintah County, UT**

**Drilling Program**

**1. Formation Tops**

Surface	5,326'
Green River	2,536'
Black Shale	6,421'
Uteland Butte	7,006'
Wasatch	7,396'
TD	8,500'

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

Black Shale	6,421' - 7,006'	(Oil)
Uteland Butte	7,006' - TD	(Oil)

Fresh water may be encountered in the Duchesne Formation, but is not expected below about 300'.

**3. Pressure Control**

Section                      BOP Description

Surface                      12-1/4" diverter

Interm/Prod              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
Conductor 13 3/8	0'	60'	48	H-40	STC	--	--	--	1,730	770	322,000
Surface 8 5/8	0'	358'	32	J-55	STC	8.33	8.6	11	3,930	2,530	417,000
Production 5 1/2	0'	8,500'	15.5	J-55	LTC	9	9.5	11	21.57	21.27	36.40
									4,810	4,040	217,000
									1.54	1.21	1.65

**Assumptions:**

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

Intermediate casing MASP = (reservoir pressure) - (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.

**5. Cement**

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	48	15%	15.8	1.17
				41			
Surface Lead	12 1/4	200'	Premium Lite II w/ 3% KCl + 10% bentonite	165	100%	11.0	3.53
				47			
Surface Tail	12 1/4	158'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	130	100%	15.8	1.17
				111			
Production Tail	7 7/8	5,500'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	1191	25%	13.2	1.24
				961			

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 25% excess.

**6. Type and Characteristics of Proposed Circulating Medium****Interval****Description**

Surface - 358'

An air and/or fresh water system will be utilized.

358' - 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 9.5 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 0.47 psi/ft gradient.

$$8,500' \times 0.47 \text{ psi/ft} = 3978 \text{ psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

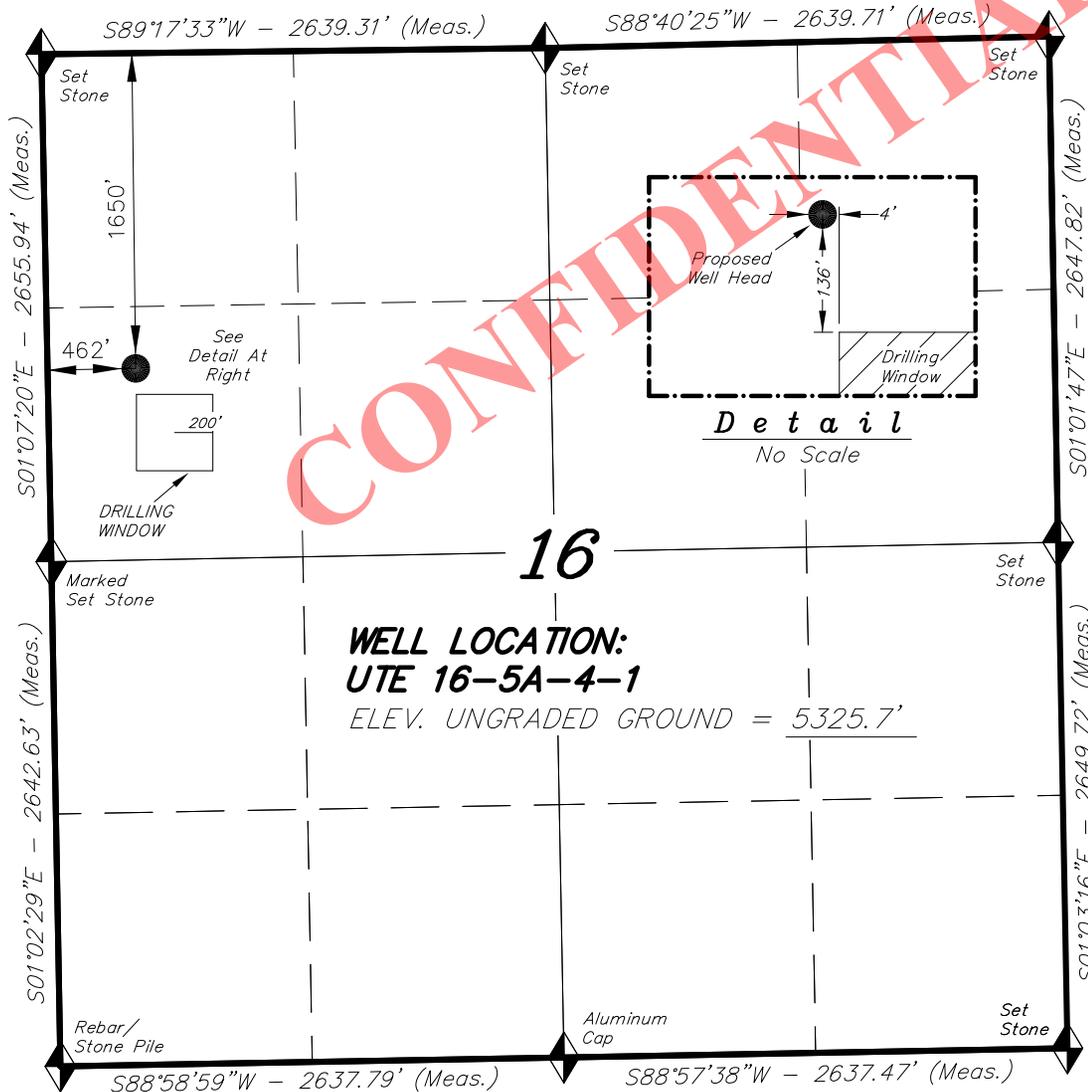
**9. Other Aspects**

This is planned as a vertical well.

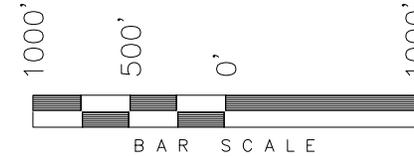
**CONFIDENTIAL**

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

**FINLEY RESOURCES INC.**



WELL LOCATION, UTE 16-5A-4-1,  
 LOCATED AS SHOWN IN THE SW 1/4 NW  
 1/4 OF SECTION 16, T4S, R1E,  
 U.S.B.&M. UINTAH COUNTY, UTAH.

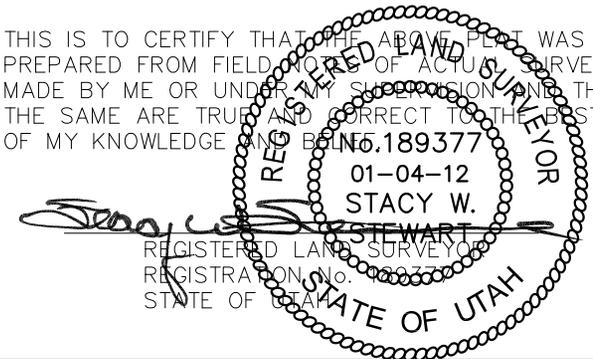


**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

**WELL LOCATION:**  
**UTE 16-5A-4-1**  
 ELEV. UNGRADED GROUND = 5325.7'

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.



◆ = SECTION CORNERS LOCATED

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

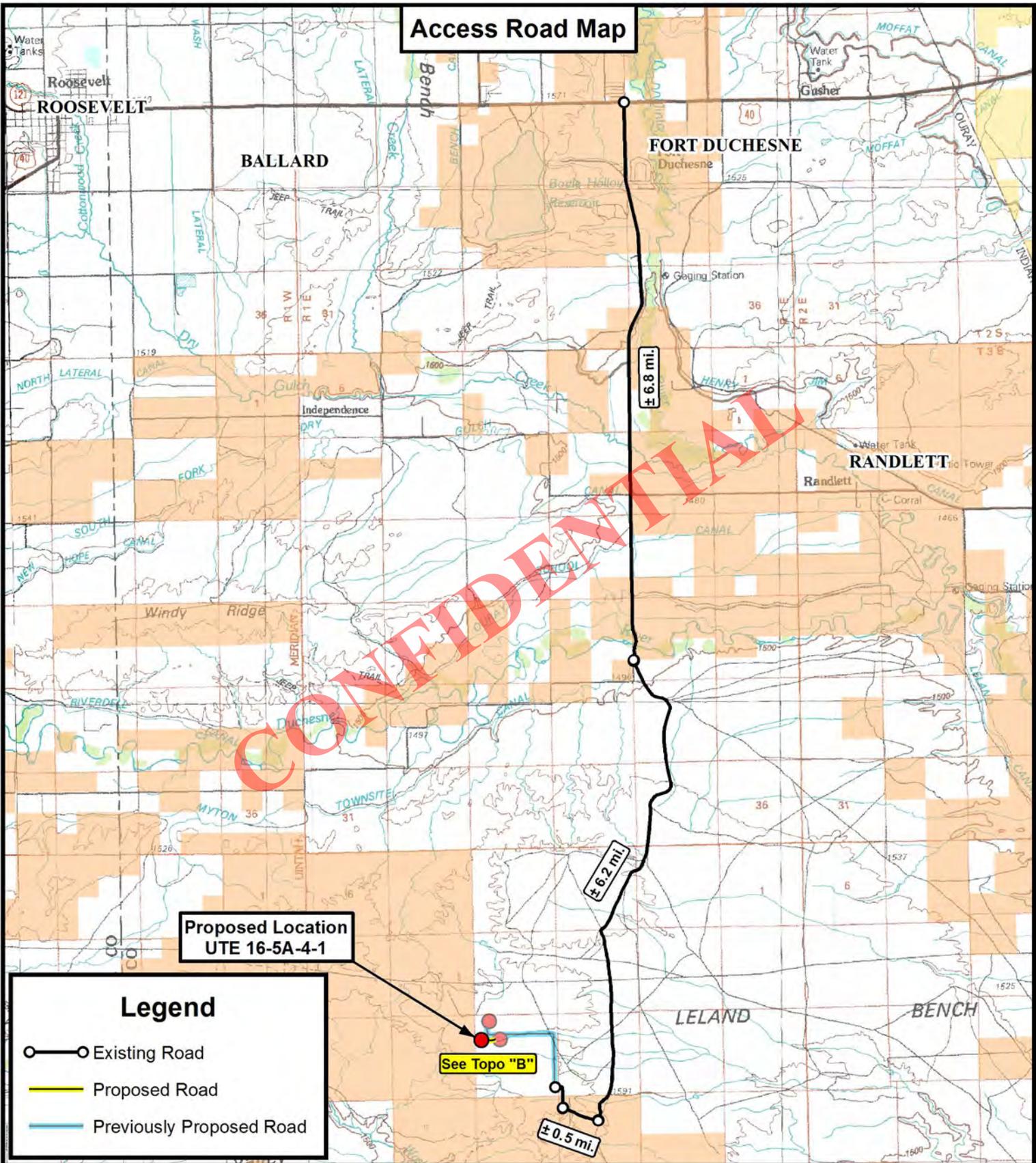
**UTE 16-5A-4-1**  
**(Surface Location) NAD 83**  
 LATITUDE = 40° 08' 15.98"  
 LONGITUDE = 109° 53' 44.08"

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

DATE SURVEYED: 11-13-11	SURVEYED BY: C.D.S.
DATE DRAWN: 12-20-11	DRAWN BY: R.B.T.
REVISED:	SCALE: 1" = 1000'

RECEIVED: May 14, 2012

### Access Road Map



Proposed Location  
UTE 16-5A-4-1

**Legend**

- Existing Road
- Proposed Road
- Previously Proposed Road

**Tri State  
Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501  
F: (435) 781-2518



### FINLEY RESOURCES INC.

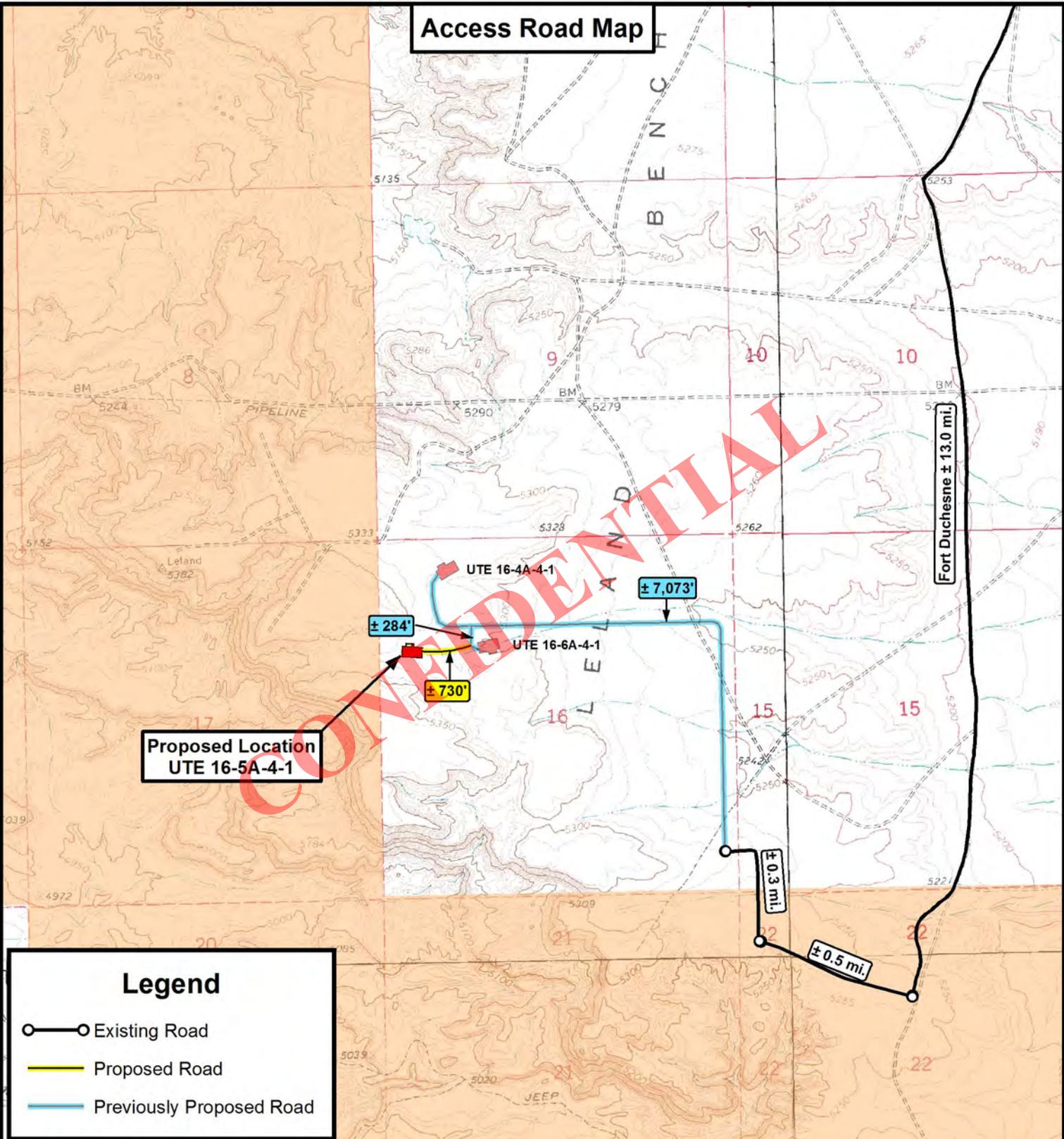
UTE 16-5A-4-1  
SEC. 16, T4S, R1E, U.S.B.&M.  
Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:
DATE:	01-04-2012	
SCALE:	1:100,000	

### TOPOGRAPHIC MAP

SHEET  
**A**

**Access Road Map**



**Proposed Location**  
UTE 16-5A-4-1

**Legend**

- Existing Road
- Proposed Road
- Previously Proposed Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

**Tri State Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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**FINLEY RESOURCES INC.**

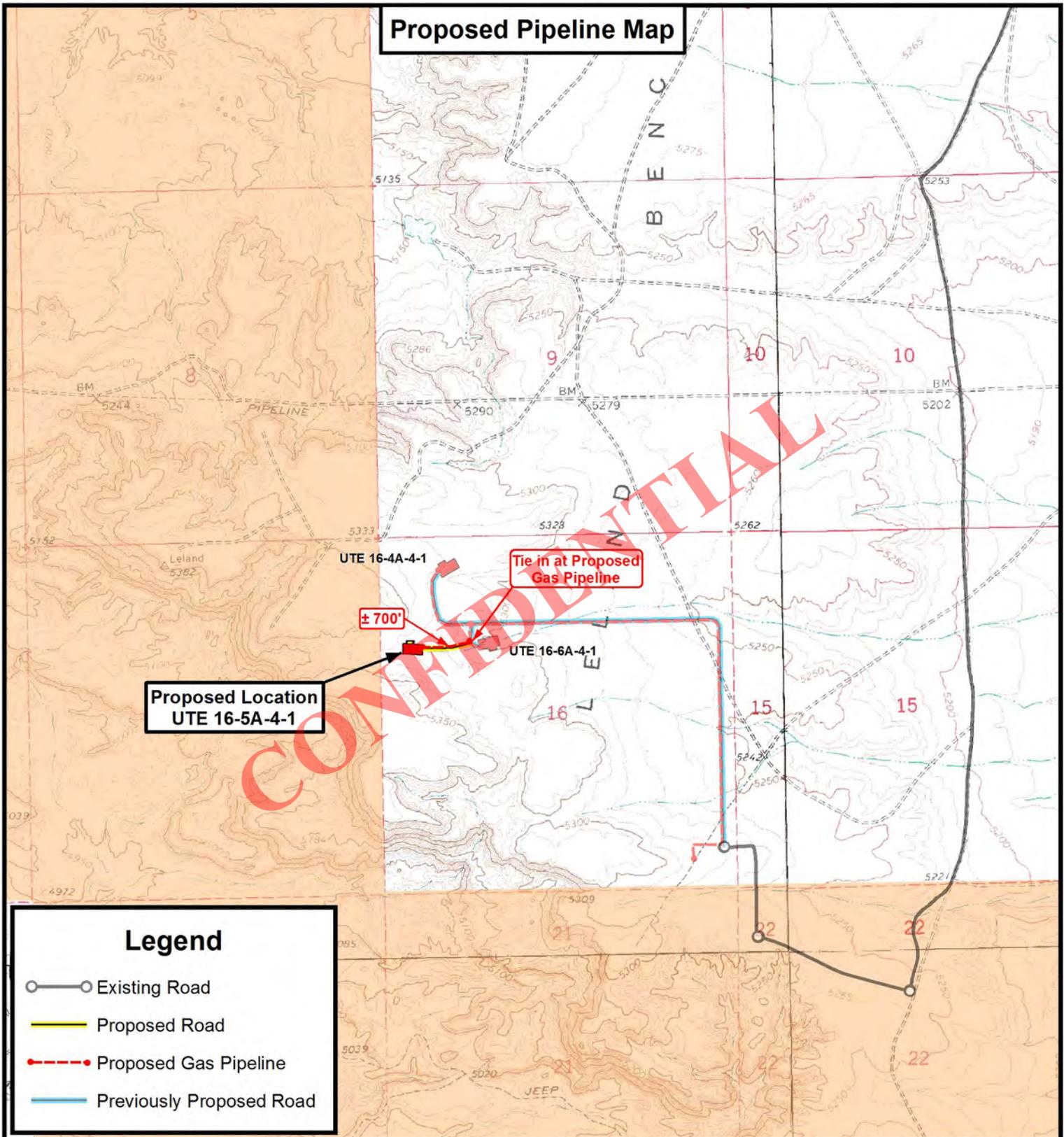
UTE 16-5A-4-1  
SEC. 16, T4S, R1E, U.S.B.&M.  
Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:
DATE:	01-04-2012	
SCALE:	1" = 2,000'	

**TOPOGRAPHIC MAP**

SHEET  
**B**

**Proposed Pipeline Map**



**Proposed Location  
UTE 16-5A-4-1**

**Tie in at Proposed  
Gas Pipeline**

**± 700'**

UTE 16-4A-4-1

UTE 16-6A-4-1

**Legend**

- Existing Road
- Proposed Road
- Proposed Gas Pipeline
- Previously Proposed Road

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**FINLEY RESOURCES INC.**

**UTE 16-5A-4-1  
SEC. 16, T4S, R1E, U.S.B.&M.  
Uintah County, UT.**

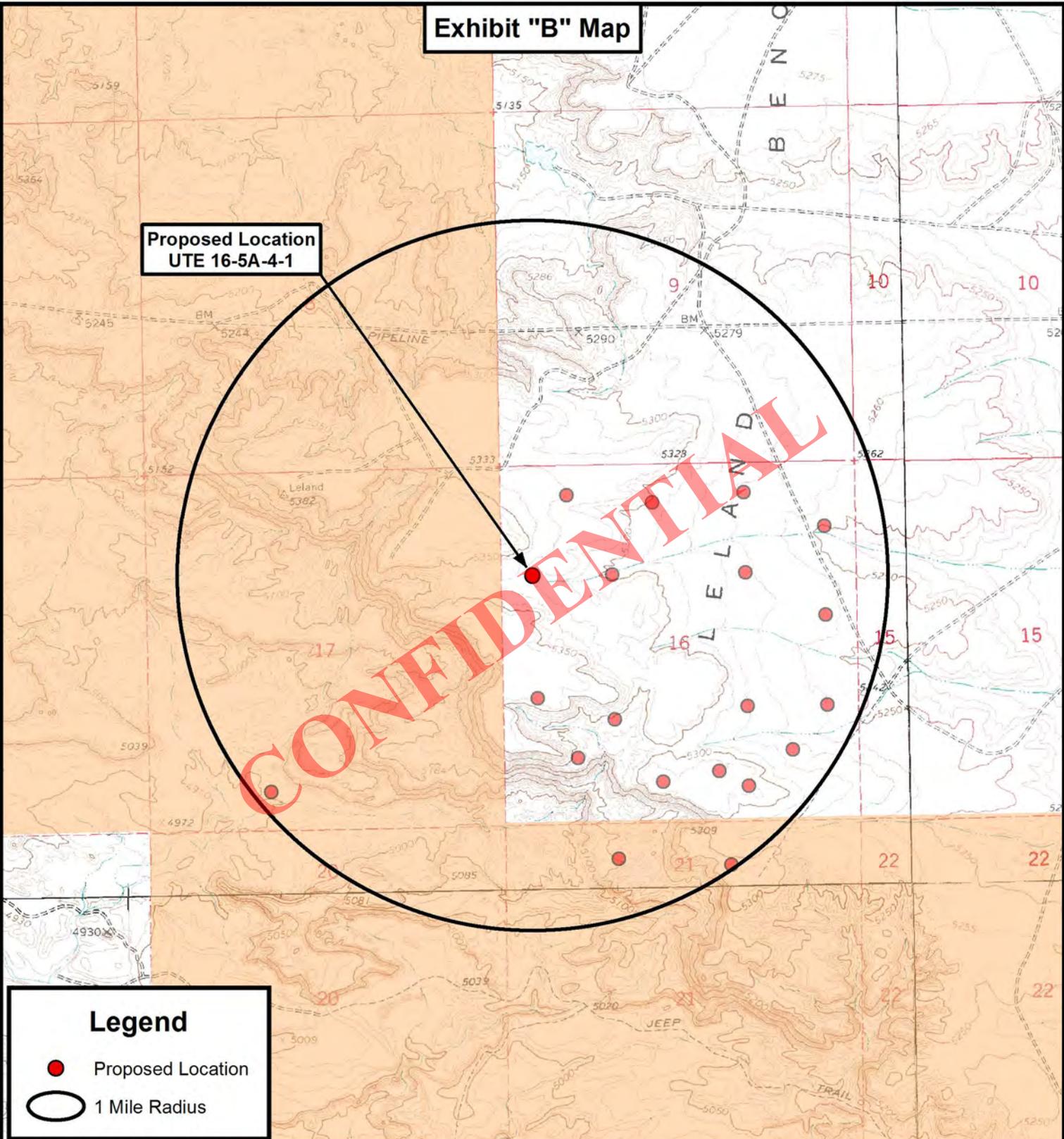
DRAWN BY:	J.A.S.	REVISED:
DATE:	01-04-2012	
SCALE:	1" = 2,000'	

**TOPOGRAPHIC MAP**

SHEET  
**C**

**Exhibit "B" Map**

**Proposed Location  
UTE 16-5A-4-1**



**Legend**

- Proposed Location
- 1 Mile Radius

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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**FINLEY RESOURCES INC.**

**UTE 16-5A-4-1  
SEC. 16, T4S, R1E, U.S.B.&M.  
Uintah County, UT.**

DRAWN BY:	J.A.S.	REVISED:
DATE:	01-04-2012	
SCALE:	1" = 2,000'	

**TOPOGRAPHIC MAP**

SHEET  
**D**

MEMORANDUM OF SURFACE USE AGREEMENT  
AND GRANT OF EASEMENTS

WHEREAS, Salradus, L.L.C., Bonnie Coleman managing member, whose address is 148 West Center Street, Heber City, UT 84032, Coleman Mountain Holdings, L.L.C., Mary Jo Coleman Adamson managing member, whose address is P.O. Box 610, Roosevelt, UT 84066, Joseph N. Coleman, Trustee of the Coleman Family Trust, dated June 7, 1991, whose address is 393 East Center, Heber City, UT 84032, and Leila Coleman, Trustee of the Coleman Family Trust dated June 28, 1991, whose address is 950 South 400 East #112, St. George, UT 84770 (hereinafter collectively referred to as "Coleman"), and Uintah Resources, Inc. whose address is 3165 E. Millrock Drive, Suite 550, Salt Lake City, UT 84121 ("Optionee") (Coleman and Optionee are hereinafter collectively referred to as "Owner") and Finley Resources, Inc., whose address is P.O. Box 2200, Fort Worth, Texas, 76113 ("Operator"), have entered into that certain Easement, Right-of-Way and Surface Use Agreement, hereinafter the "SUA", dated effective April 24<sup>th</sup>, 2012 covering the following lands owned by Owner in Uintah County, Utah, to wit:

Township 4 South, Range 1 East, U.S.M.  
Section 13: All  
Section 16: All  
Section 23: N/2

hereinafter the "Lands"

WHEREAS, in the SUA Owner grants and conveys unto Operator a non-exclusive right to enter upon and use the Lands and Owner's adjacent lands for certain oil and gas related purposes, together with a right-of-way across the Lands to maintain and construct access roads, well sites, holding tanks and other such related facilities necessary for Operator's oil and gas operations.

This Memorandum of Surface and Damage Agreement shall serve as notice of the agreement covering the Lands and that the SUA is binding upon Owner and Operator's respective successors and/or assigns.

The terms and provisions of the unrecorded SUA are referred to and incorporated herein, and made a part hereof to the same extent as though set out verbatim. Should any conflict arise between the terms of this Memorandum of Surface Use Agreement and Grant of Easements and the SUA, the terms of the SUA shall control.

Executed this 24<sup>th</sup> day of April, 2012.

**OWNER:**

  
Salradus, L.L.C.  
Bonnie S. Coleman, managing member  
148 West Center Street  
Heber City, UT 84032

Coleman Mountain Holdings, L.L.C.  
Mary Jo Coleman Adamson, Managing Member  
P.O. Box 610  
Roosevelt, UT 84066

*Joseph N. Coleman*

Coleman Family Trust  
Joseph N. Coleman, Trustee  
393 East Center  
Heber City, UT 84032

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The Coleman Family Trust  
Leila Coleman, Trustee  
950 South 400 East #112  
St. George, UT 84770

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Uintah Resources, Inc.  
By: Todd Dana  
Its: President

**OPERATOR:**

*Clinton Koerth*

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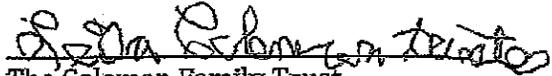
Finley Resources Inc.  
By: Clinton Koerth  
Its: Vice President

**CONFIDENTIAL**

  
Coleman Mountain Holdings, L.L.C.  
Mary Jo Coleman, managing member.  
610 N. Mesa Circle, PO Box 610  
Roosevelt, UT 84066

---

Coleman Family Trust  
Joseph N. Coleman, Trustee  
393 East Center  
Heber City, UT 84032

  
The Coleman Family Trust  
Leila Coleman, Trustee  
950 South 400 East #112  
St. George, UT 84770

  
Uintah Resources, Inc.  
By: ~~Todd Dana~~ Vincent J Memmott  
Its: President

**OPERATOR:**

---

Finley Resources Inc.  
By: Clinton Koerth  
Its: Vice President

**CONFIDENTIAL**



Coleman Mountain Holdings, L.L.C.  
Mary Jo Coleman Adamson, Managing Member  
P.O. Box 610  
Roosevelt, UT 84066

---

Coleman Family Trust  
Joseph N. Coleman, Trustee  
393 East Center  
Heber City, UT 84032



The Coleman Family Trust  
Leila Coleman, Trustee  
950 South 400 East #112  
St. George, UT 84770

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Uintah Resources, Inc.  
By: Todd Dana  
Its: President

**OPERATOR:**

---

Finley Resources Inc.  
By: Clinton Koerth  
Its: Vice President

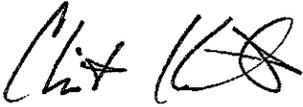
**CONFIDENTIAL**

API Well Completion by 3047526640000  
Weila Coleman, Trustee  
950 South 400 East #112  
St. George, UT 84770

---

Uintah Resources, Inc.  
By: Todd Dana  
Its: President

**OPERATOR:**

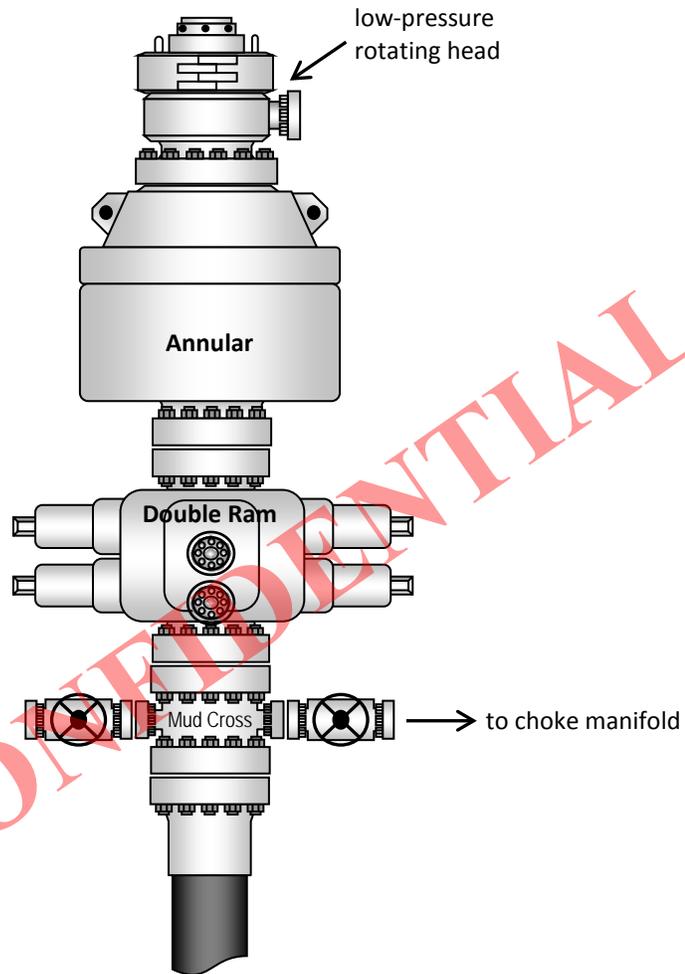


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Finley Resources Inc.  
By: Clinton Koerth  
Its: Vice President

**CONFIDENTIAL**

Typical 5M BOP stack configuration





2580 Creekview Road  
Moab, Utah 84532  
435/719-2018

May 15, 2012

Mrs. Diana Mason  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

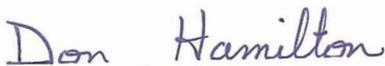
RE: Request for Exception to Spacing – Finley Resources, Inc. – **Ute 16-5A-4-1**  
1,650' FNL & 462' FWL, SW/4 NW/4, Section 16, T4S, R1E, USB&M  
Uintah County, Utah

Dear Diana:

Finley Resources, Inc. respectfully submits this request for exception to spacing (R649-3-2) based on topography since the well is located less than 460 feet to the drilling unit boundary. Finley Resources, Inc. is the only owner and operator within 460 feet of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

Thank you very much for your timely consideration of this application. Please feel free to contact Matthew Cooper of Finley Resources, Inc. at 817-231-8738 or myself should you have any questions or need additional information.

Sincerely,

  
Don Hamilton  
Agent for Finley Resources, Inc.

cc: Matthew Cooper, Finley Resources, Inc.

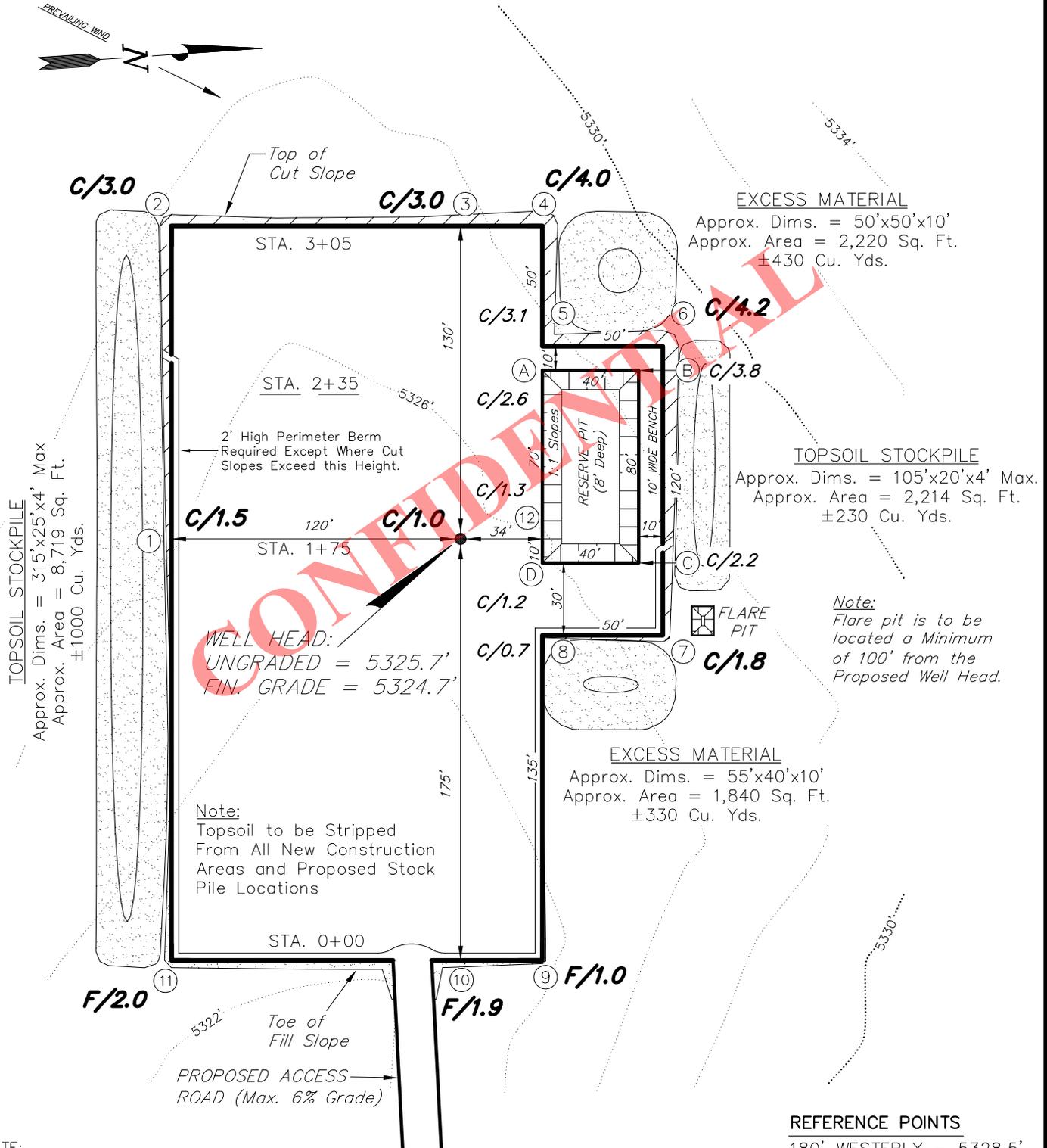
RECEIVED: May 14, 2012

# FINLEY RESOURCES INC.

## PROPOSED LOCATION LAYOUT

### UTE 16-5A-4-1

Pad Location: SWNW Section 16, T4S, R1E, U.S.B.&M.



NOTE:  
The topsoil & excess material areas are calculated as being mounds containing 1,990 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY:	C.D.S.	DATE SURVEYED:	11-13-11
DRAWN BY:	R.B.T.	DATE DRAWN:	12-19-11
SCALE:	1" = 60'	REVISED:	

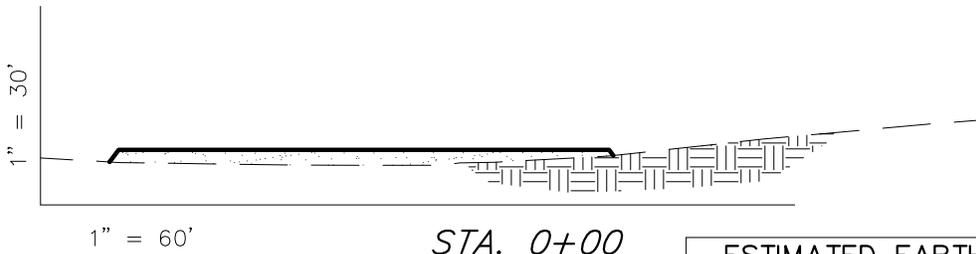
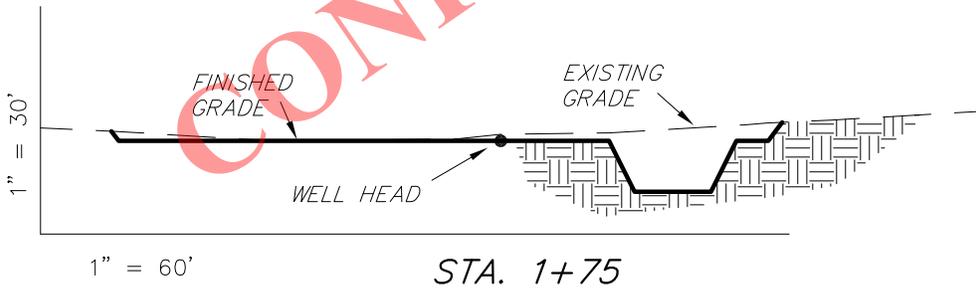
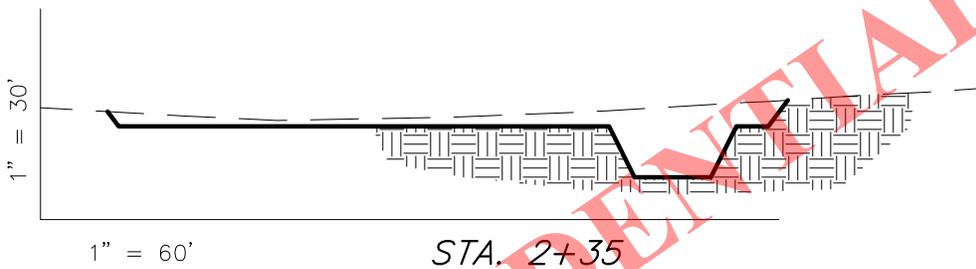
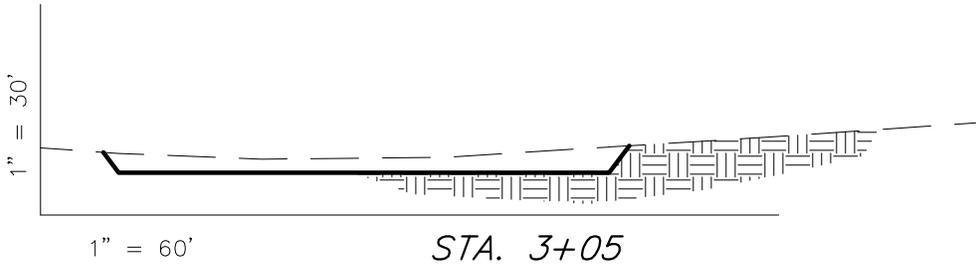
**Tri State** (435) 781-2501  
**Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# FINLEY RESOURCES INC.

## CROSS SECTIONS

UTE 16-5A-4-1

Pad Location: SWNW Section 16, T4S, R1E, U.S.B.&M.



CONFIDENTIAL

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	1,410	1,410	Topsoil is not included in Pad Cut Volume	0
PIT	690	0		690
TOTALS	2,100	1,410	1,120	690

SURVEYED BY:	C.D.S.	DATE SURVEYED:	11-13-11
DRAWN BY:	R.B.T.	DATE DRAWN:	12-19-11
SCALE:	1" = 60'	REVISED:	

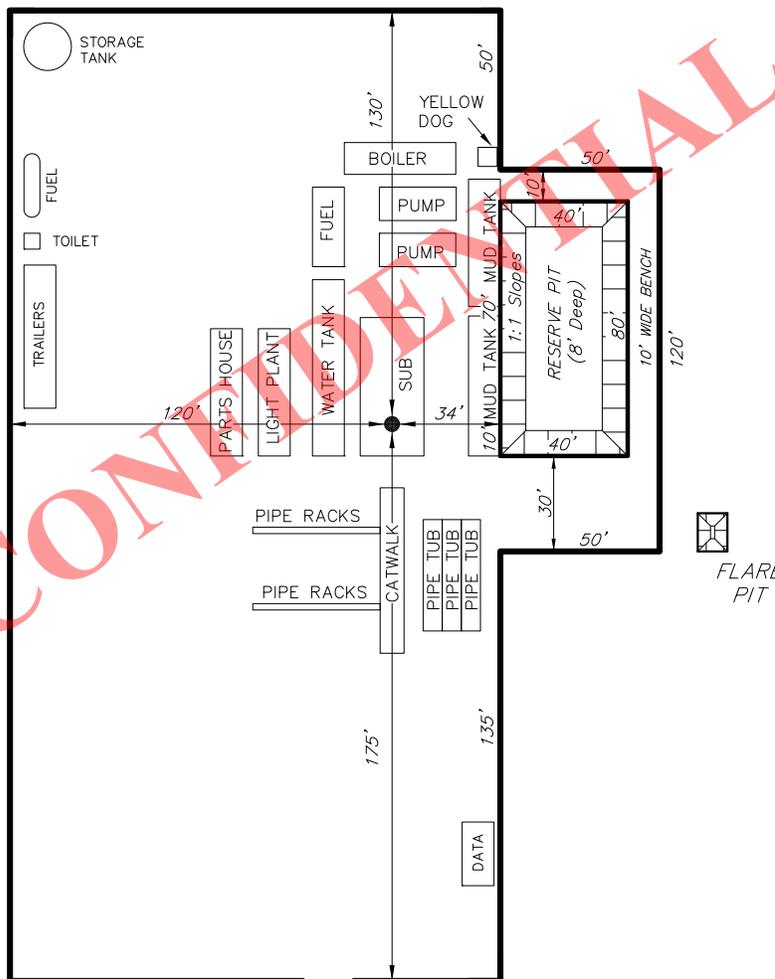
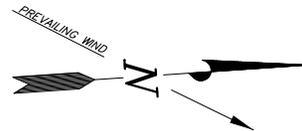
**Tri State** (435) 781-2501  
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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# FINLEY RESOURCES INC.

## TYPICAL RIG LAYOUT

### UTE 16-5A-4-1

Pad Location: SWNW Section 16, T4S, R1E, U.S.B.&M.

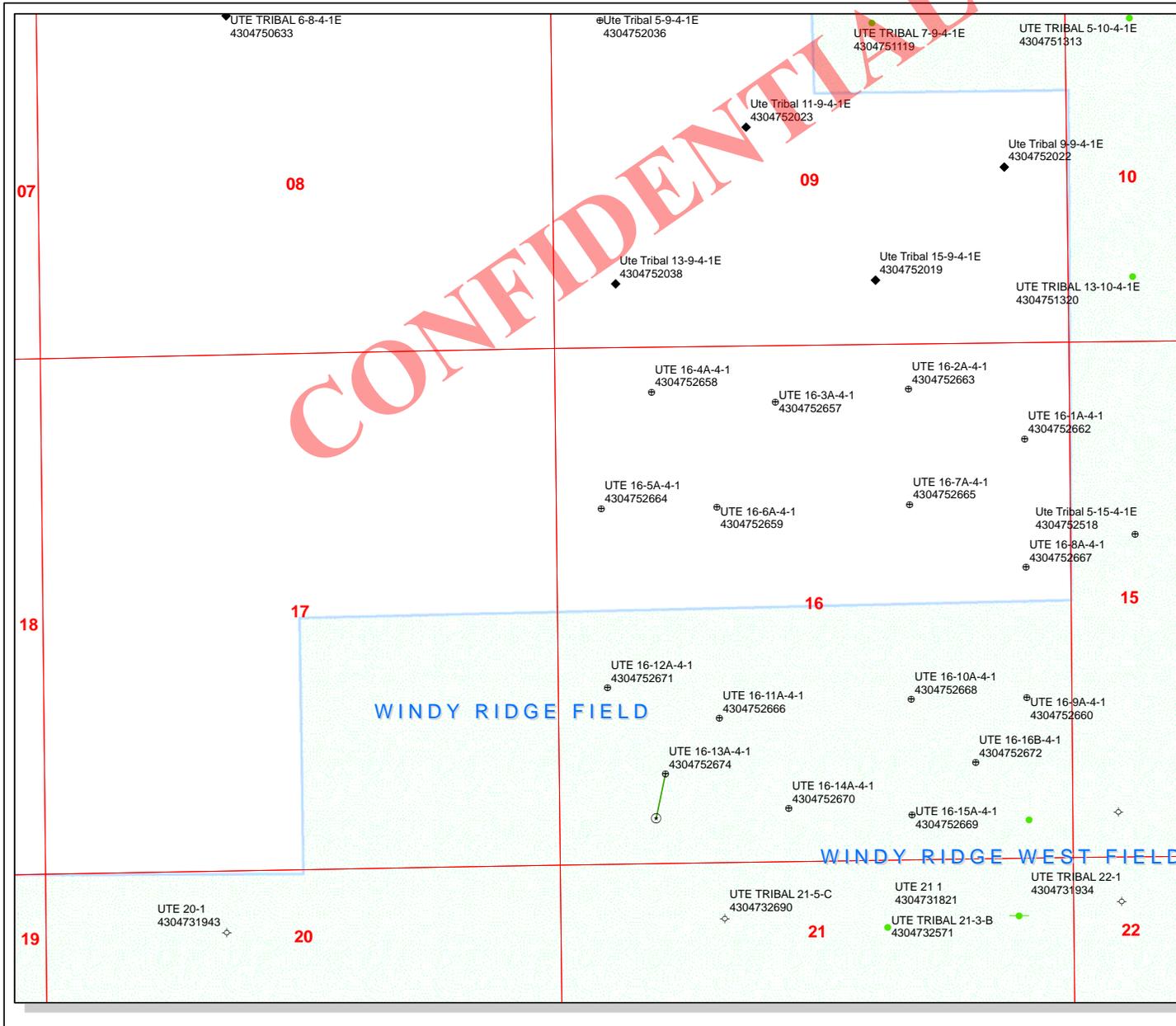


PROPOSED ACCESS ROAD (Max. 6% Grade)

Note:  
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

SURVEYED BY:	C.D.S.	DATE SURVEYED:	11-13-11
DRAWN BY:	R.B.T.	DATE DRAWN:	12-19-11
SCALE:	1" = 60'	REVISED:	

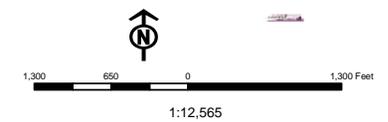
**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**API Number: 4304752664**  
**Well Name: UTE 16-5A-4-1**  
**Township T0.4 . Range R0.1 . Section 16**  
**Meridian: UBM**  
**Operator: FINLEY RESOURCES INC**

Map Prepared:  
 Map Produced by Diana Mason

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



# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** FINLEY RESOURCES INC  
**Well Name** UTE 16-5A-4-1  
**API Number** 43047526640000      **APD No** 5923    **Field/Unit** UNDESIGNATED  
**Location:** SWNW    **Sec** 16    **Tw** 4.0S    **Rng** 1.0E    1650 FNL 462 FWL  
**1/4,1/4**  
**GPS Coord (UTM)** 594083 4443634      **Surface Owner** Coleman, et al.

### Participants

Ted Smith (DOGM), Clay O'Neil, Matthew Cooper(Finley), Bill Civish (BLM), Don Hamilton (Star Point Enterprises), Mary Jo, Scott.Cody, Bert Coleman, and David Adamson (Coleman Brothers),Dayton Slauch (Tri-State Survey)

### Regional/Local Setting & Topography

The general area is on Leland Bench, which is located about 14 miles south of Fort Duchesne, Uintah County, Utah. Broad flats with low growing desert shrub type vegetation characterize the area. A few rolling hills and slopes leading to higher flats occur. The Uinta formation dominates the surface. Soils are dominated by deep sandy clay loams with erosion pavement common on slopes. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 4 miles to the north and is the nearest source of flowing water. All lands in the immediate area are privately owned. Solid blocks or scattered Ute Tribal lands surround the area.

Access to the proposed well site is by State of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Randlett, Utah is approximately 7 miles. Approximately 730 feet of new road will be constructed to reach the pad.

The proposed pad for the Ute 16-5A-4-1 oil well is laid out in a west to east direction. Maximum cut is 4.2 feet at Location Corner 6. The location is within the normal drilling window and appears to be a good site for constructing a pad, drilling and operating a well.

Coleman Brothers LLC. own the surface. Mary Jo, Scott, Cody, and Bert Coleman represented the Colman Brothers and had no problems with the site.

### Surface Use Plan

#### **Current Surface Use**

Grazing  
Wildlfe Habitat

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.13	<b>Width</b> 150 <b>Length</b> 300	Onsite	ALLU

**Ancillary Facilities** N

### Waste Management Plan Adequate?

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

**Flora / Fauna**

Overall vegetation at this site is fair. The vegetation on Leland Bench is a desert shrub/forb type. Similar species are common throughout the area. Principal species are shadscale, bud sage, winter fat, horsebrush, broom snakeweed, Indian ricegrass, needle and thread grass, curly mesquite grass, scarlet globe mallow, matt and Gardiner saltbrush, hordeum jabutum and annual mustards. A few occurrences of cheat grass, rabbit brush, buckwheat, Mormon tea and other species occur but are not common. Impacts from past and current grazing do not exist.

Because of the lack of water and cover the area is not rich in fauna. Species include antelope, coyotes and small mammals and rodents. Some shrub dependent birds may occur but were not observed. Historically, but not currently, sheep and wild horses grazed the area. Light winter cattle grazing currently exist.

**Soil Type and Characteristics**

Soils are a moderately deep sandy loam

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required?** N

**Berm Required?** N

**Erosion Sedimentation Control Required?** N

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

**Reserve Pit**

Site-Specific Factors		Site Ranking	
<b>Distance to Groundwater (feet)</b>	100 to 200	5	
<b>Distance to Surface Water (feet)</b>	>1000	0	
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0	
<b>Distance to Other Wells (feet)</b>	>1320	0	
<b>Native Soil Type</b>	Mod permeability	10	
<b>Fluid Type</b>	Fresh Water	5	
<b>Drill Cuttings</b>	Normal Rock	0	
<b>Annual Precipitation (inches)</b>		0	
<b>Affected Populations</b>			
<b>Presence Nearby Utility Conduits</b>	Unknown	10	
	<b>Final Score</b>	30	3 Sensitivity Level

**Characteristics / Requirements**

Reserve pit 40' x 80' x 8' is planned in a cut on the northwest corner of the location. A liner with a minimum thickness of 16-mils is required. A sub-liner may not be needed because of the lack of rock in the area. Flare pit will be constructed 10' x 20' x 5'

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

**Other Observations / Comments**

Coleman Brothers LLC. own the surface. Mary Jo, Scott, Cody, Bert Coleman attended the presite. A signed surface use agreement has been completed. The Colman Brothers and had no problems with the site.

Ted Smith  
**Evaluator**

6/6/2012  
**Date / Time**

**CONFIDENTIAL**

**Application for Permit to Drill  
Statement of Basis  
Utah Division of Oil, Gas and Mining**

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5923	43047526640000	LOCKED	OW	P	No
<b>Operator</b>	FINLEY RESOURCES INC		<b>Surface Owner-APD</b>	Coleman, et al.	
<b>Well Name</b>	UTE 16-5A-4-1		<b>Unit</b>		
<b>Field</b>	UNDESIGNATED		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWNW 16 4S 1E U 1650 FNL (UTM) 594083E 4443632N		462 FWL	GPS Coord	

**Geologic Statement of Basis**

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill  
APD Evaluator

6/20/2012  
Date / Time

**Surface Statement of Basis**

The general area is on Leland Bench, which is located about 14 miles south of Fort Duchesne, Uintah County, Utah. Broad flats with low growing desert shrub type vegetation characterize the area. A few rolling hills and slopes leading to higher flats occur. The Uinta formation dominates the surface. Soils are dominated by deep sandy clay loams with erosion pavement common on slopes. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 4 miles to the north and is the nearest source of flowing water. All lands in the immediate area are privately owned. Solid blocks or scattered Ute Tribal lands surround the area.

Access to the proposed well site is by State of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Randlett, Utah is approximately 7 miles. Approximately 730 feet of new road will be constructed to reach the pad. A new plat will need to be submitted showing the UTE 16-12A-4-1 well access.

The proposed pad for the Ute 16-4A-4-1 oil well is laid out in a east to west direction across a flat with a slight slope to the southeast. Maximum cut is 4.2 feet at Location Corner 6. The location is within the normal drilling window and appears to be a good site for constructing a pad, drilling and operating a well.

Coleman Brothers LLC. own the surface. Mary Jo, Scott, Docy, Bert Coleman attended the presite. A signed surface use agreement has been completed. The Colman Brothers and had no problems with the site.

The minerals are owned by the United States Government and held in trust for the Ute Indian Tribe.

Uintah County has recently passed a new ordinance to regulate extraction industries. This ordinance requires a conditional use permit for all oil or gas wells in areas not zoned as industrial. Ute Energy is required to obtain a permit for this and other wells on Leland Bench.

Ted Smith  
Onsite Evaluator

6/6/2012  
Date / Time

**Conditions of Approval / Application for Permit to Drill**

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

**CONFIDENTIAL**

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/14/2012

API NO. ASSIGNED: 43047526640000

WELL NAME: UTE 16-5A-4-1

OPERATOR: FINLEY RESOURCES INC (N3460)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SWNW 16 040S 010E

Permit Tech Review: 

SURFACE: 1650 FNL 0462 FWL

Engineering Review: 

BOTTOM: 1650 FNL 0462 FWL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.13776

LONGITUDE: -109.89559

UTM SURF EASTINGS: 594083.00

NORTHINGS: 4443632.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-4896

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - RLB 0011294
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-8496
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: R649-3-3
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - dmason  
4 - Federal Approval - dmason  
5 - Statement of Basis - bhll  
23 - Spacing - dmason



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## Permit To Drill

\*\*\*\*\*

**Well Name:** UTE 16-5A-4-1  
**API Well Number:** 43047526640000  
**Lease Number:** 14-20-H62-4896  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 7/2/2012

### Issued to:

FINLEY RESOURCES INC , PO Box 2200, Fort Worth, TX 76113

### Authority:

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

### Duration:

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

### Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

### General:

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

### Conditions of Approval:

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

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

drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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

**Notification Requirements:**

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

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

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

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

**Approved By:**



For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4896
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: UTE 16-5A-4-1
2. NAME OF OPERATOR: FINLEY RESOURCES INC	9. API NUMBER: 43047526640000
3. ADDRESS OF OPERATOR: PO Box 2200 , Fort Worth, TX, 76113	PHONE NUMBER: 817 231-8735 Ext
9. FIELD and POOL or WILDCAT: WINDY RIDGE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1650 FNL 0462 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 04.0S Range: 01.0E Meridian: U	COUNTY: UINTAH  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/15/2012  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

Finley Resources Inc. respectfully submits this Sundry Notice requesting to change and extend the surface casing for this well. An updated Drilling Program reflecting these requested changes is attached.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: November 15, 2012

By: Don Hamilton

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Agent
SIGNATURE N/A	DATE 11/9/2012	

**Finley Resources, Inc.**  
**UTE 16-5A-4-1**  
**1650' FNL & 462' FWL, SW/4 NW/4, Sec 16, T4S, R1E, U.S.B.&M.**  
**Uintah County, UT**

**Drilling Program**

**1. Formation Tops**

Surface	5,326'
Green River	2,536'
Black Shale	6,421'
Uteland Butte	7,006'
Wasatch	7,396'
TD	8,500'

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

Black Shale	6,421' - 7,006'	(Oil)
Uteland Butte	7,006' - TD	(Oil)

Fresh water may be encountered in the Duchesne Formation, but is not expected below about 300'.

**3. Pressure Control**

Section                      BOP Description

Surface                      12-1/4" diverter

Interm/Prod              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
Conductor 13 3/8	0'	60'	48	H-40	STC	--	--	--	1,730	770	322,000
Surface 8 5/8	0'	500'	24	J-55	STC	8.33	8.6	11	2,950	1,370	244,000
Production 5 1/2	0'	8,500'	15.5	J-55	LTC	9	9.5	11	4,810	4,040	217,000
									1.54	1.21	1.65

**Assumptions:**

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

Intermediate casing MASP = (reservoir pressure) - (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. Top Joint of surface casing will be J-55 STC 32 ppf casing.

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

**5. Cement**

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	48	15%	15.8	1.17
				41			
Surface Lead	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Flocele	413	100%	15.8	1.15
				359			
Production Tail	7 7/8	5,500'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	1191	25%	13.2	1.24
				961			

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 25% excess.

**6. Type and Characteristics of Proposed Circulating Medium****Interval****Description**

Surface - 500'

An air and/or fresh water system will be utilized.

500' - 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 9.5 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 PBTB 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 0.47 psi/ft gradient.

$$8,500' \times 0.47 \text{ psi/ft} = 3978 \text{ psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

## 9. Other Aspects

This is planned as a vertical well.

Variance Request for FIT Requirements:

Finley Resources, Inc. respectfully requests a variance to Onshore Order 2, Section III, Part Bi, for the Pressure integrity test (PIT, also known as a formation integrity test (FIT)). This well is not an exploratory well and is being drilled in an area where the formation integrity is well known. Additionally, when an FIT is run with the mud weight as required, the casing shoe frequently breaks down and causes subsequent lost circulation when drilling the entire depth of the well.

Variance Request for Air Drilling Requirements:

Finley Resources, Inc. respectfully requests a variance to Onshore Order #2, III.E.1

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore. Variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the wellbore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.
- Air drilling operations will be conducted only during drilling of the surface casing hole, there is no history of hydrocarbons being encountered in this hole section in the area where these wells are to be drilled.

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

JUL 12 2012

APPLICATION FOR PERMIT TO DRILL OR REENTER **BLM**

CONFIDENTIAL

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 1420H624899
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator FINLEY RESOURCES, INC. Contact: DON S HAMILTON E-Mail: starpoint@etv.net		7. If Unit or CA Agreement, Name and No.
3a. Address P.O. BOX 2200 FT. WORTH, TX 76113		8. Lease Name and Well No. UTE 16-5A-4-1
3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019		9. API Well No. 43-047-52664
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNW 1650FNL 462FWL 40.137772 N Lat, 109.895578 W Lon At proposed prod. zone SWNW 1650FNL 462FWL 40.137772 N Lat, 109.895578 W Lon		10. Field and Pool, or Exploratory N/A
14. Distance in miles and direction from nearest town or post office* 15.3 MILES SOUTH OF FT DUCHESNE, UTAH		11. Sec., T., R., M., or Blk. and Survey or Area Sec 16 T4S R1E Mer UBM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 462	16. No. of Acres in Lease 640.00	12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 0	19. Proposed Depth 8500 MD 8500 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5326 GL	22. Approximate date work will start 08/15/2012	17. Spacing Unit dedicated to this well 40.00
23. Estimated duration 60 DAYS		20. BLM/BIA Bond No. on file RLB0011294

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 07/08/2012
Title PERMITTING AGENT		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date MAR 27 2013
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

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

Additional Operator Remarks (see next page)

Electronic Submission #142351 verified by the BLM Well Information System  
For FINLEY RESOURCES, INC., sent to the Vernal  
Committed to AFMSS for processing by LESLIE ROBINSON on 07/18/2012 ()

DIV. OF OIL, GAS & MINING

RECEIVED  
APR 02 2013

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

12UBR0478AE NO NOS-

NOTICE OF APPROVAL



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



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

**Company:** Finley Resources, Inc.  
**Well No:** Ute 16-5A-4-1  
**API No:** 43-047-52664

**Location:** SWNW, Sec. 16, T4S, R1E  
**Lease No:** 14-20-H62-4899  
**Agreement:** N/A

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

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

**NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:blm_ut_vn_opreport@blm.gov">blm_ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

**CONDITIONS OF APPROVAL:**

- Any deviation of submitted APD's, which includes BBCs surface use plan, and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the BLM shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease until resources can be identified and protected properly.
- Production facilities will be painted Juniper Green to blend in with the surrounding habitat, unless otherwise stated from the private land owner agreement.
- Site reclamation will be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owner or the BLM AO for possible seed mixes to use in the project area. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- Surface casing setting depth shall be 500 ft. Surface casing cementing volumes pumped shall be increased and cement shall continue to be brought to surface.
- Additional cement required, for Cementing Program covering Production Casing string. Production casing cement shall be brought up and into the surface.
- Surface casing cement shall be brought to surface.
- A variance is granted for Onshore Order #2 Drilling Operations III. B. I. pressure integrity test (PIT) or formation integrity test (FIT) of surface casing shoe.
- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet. All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

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

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4896	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>8. WELL NAME and NUMBER:</b> UTE 16-5A-4-1	
<b>9. API NUMBER:</b> 43047526640000	
<b>9. FIELD and POOL or WILDCAT:</b> WINDY RIDGE	
<b>COUNTY:</b> UINTAH	
<b>STATE:</b> UTAH	
<b>1. TYPE OF WELL</b> Oil Well	
<b>2. NAME OF OPERATOR:</b> FINLEY RESOURCES INC	
<b>3. ADDRESS OF OPERATOR:</b> PO Box 2200 , Fort Worth, TX, 76113	
<b>PHONE NUMBER:</b> 817 231-8735 Ext	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1650 FNL 0462 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 16 Township: 04.0S Range: 01.0E Meridian: U	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/15/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

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

Finley Resources, Inc. requests a one year drilling permit extension for the referenced well. This is the first extension that has been requested.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** July 16, 2013

**By:**

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/15/2013	



**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 43047526640000**

API: 43047526640000

Well Name: UTE 16-5A-4-1

Location: 1650 FNL 0462 FWL QTR SWNW SEC 16 TWNP 040S RNG 010E MER U

Company Permit Issued to: FINLEY RESOURCES INC

Date Original Permit Issued: 7/2/2012

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

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

Signature: Don Hamilton

Date: 7/15/2013

Title: Agent

Representing: FINLEY RESOURCES INC

CONFIDENTIAL

FINLEY RESOURCES, INC. NOTIFICATION FORM—STATE, UTE TRIBE, BIA.,BLM

OPERATOR: FINLEY RESOURCES, INC. RIG NAME: PRO-PETRO

SUBMITTED BY: JIM SIMONTON PHONE #: 435-630-1023

WELL NAME/NUMBER: Ute 16-5A-4-1

QTR/QTR: SWNW SEC.: 16 T: 4S R: 1E

LEASE SN: 14-20-H62-4896

API #: 43-047-52664

LOCATION CONSTRUCTION START DATE: 10/8/13 (LC Construction)

LOCATION CONSTRUCTION FINISH DATE: 10/13/13

CONDUCTOR SPUD NOTICE: DATE: 10/24/13 TIME: 10:00AM

SURFACE SPUD NOTICE: DATE: TIME:

SURFACE CSG.CEMENT NOTICE: DATE: TIME:

REMARKS:

**RECEIVED**

**OCT 24 2013**

**DIV. OF OIL, GAS & MINING**

CONFIDENTIAL

FINLEY RESOURCES, INC. NOTIFICATION FORM—STATE, UTE TRIBE, BIA.,BLM

OPERATOR: FINLEY RESOURCES, INC. RIG NAME: PRO-PETRO

SUBMITTED BY: JIM SIMONTON PHONE #: 435-630-1023

WELL NAME/NUMBER: Ute 16-5A-4-1

QTR/QTR: SWNW SEC.: 16 T: 4S R: 1E

LEASE SN: 14-20-H62-4896

API #: 43-047-52664

LOCATION CONSTRUCTION START DATE: 10/8/13 (LC Construction)

LOCATION CONSTRUCTION FINISH DATE: 10/13/13

CONDUCTOR SPUD NOTICE: DATE: 10/24/13 TIME: 10:00AM

SURFACE SPUD NOTICE: DATE: 10/30/13 TIME:10:00AM

SURFACE CSG.CEMENT NOTICE: DATE: 10/30/13 TIME:2:00PM

REMARKS: On 10/30/13 will air mist drill 12-1/4" surface hole and run csg.and cement in eary PM on 10/30/13.

**RECEIVED**

**OCT 30 2013**

**DIV. OF OIL, GAS & MINING**

FINLEY RESOURCES, INC. NOTIFICATION FORM—STATE, UTE TRIBE, BIA.,BLM

OPERATOR: FINLEY RESOURCES, INC.

RIG NAME: PRO-PETRO

SUBMITTED BY: JIM SIMONTON

PHONE #: 435-630-1023

WELL NAME/NUMBER: Ute 16-5A-4-1

QTR/QTR: SWNW                    SEC.: 16                    T: 4S                    R: 1E

LEASE SN: 14-20-H62-4896

API #: 43-047-52664

LOCATION CONSTRUCTION START DATE: 10/8/13 (LC Construction)

LOCATION CONSTRUCTION FINISH DATE: 10/13/13

CONDUCTOR SPUD NOTICE: DATE: 10/24/13                    TIME: 10:00AM

SURFACE SPUD NOTICE: DATE: 11/04/13                    TIME:10:00AM

SURFACE CSG.CEMENT NOTICE: DATE: 11/05/13                    TIME:10:00AM

REMARKS: Change of notification. The surface hole was drilled on 11/4/13 to 515' and 12 jts.of new 8-5/8" csg.was ran to 506'. Due to hole tightness the surface csg.will be cemented on 11/5/13 at 10:00AM. Sorry for inconvenience.

**RECEIVED**  
**NOV 05 2013**  
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

FINLEY RESOURCES, INC. NOTIFICATION FORM—STATE, UTE TRIBE, BIA.,BLM

OPERATOR: FINLEY RESOURCES, INC.

RIG NAME: PRO-PETRO

SUBMITTED BY: JIM SIMONTON

PHONE #: 435-630-1023

WELL NAME/NUMBER: Ute 16-5A-4-1

QTR/QTR: SWNW

SEC.: 16

T: 4S

R: 1E

LEASE SN: 14-20-H62-4896

API #: 43-047-52664

LOCATION CONSTRUCTION START DATE: 10/8/13 (LC Construction)

LOCATION CONSTRUCTION FINISH DATE: 10/13/13

CONDUCTOR SPUD NOTICE: DATE: 10/24/13

TIME: 10:00AM

SURFACE SPUD NOTICE: DATE: 11/04/13

TIME:10:00AM

SURFACE CSG.CEMENT NOTICE: DATE: 11/05/13

TIME:10:00AM

REMARKS: Cemented surface csg.on 11/5/13 using 360 sxs.15.8 ppg "G" cement with an est.return to surface of 80 sxs..Bump plug at 11:30AM on 11/5/13. Hole standing full. RDUFA.

RECEIVED

NOV 05 2013

DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Finley Resources Rig Name/# CAPSTAR 328  
\_Submitted By Lynn Rich Phone Number (435) 828-0601  
Well Name/Number UTE 16-5A-4-1  
Qtr/Qtr SWNW Section 16 Township 4S Range 1E  
Lease Serial Number 1420H624899  
API Number 43-047-52664-00-00

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

Date/Time \_\_\_\_\_ AM  PM

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

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

Date/Time \_\_\_\_\_ AM  PM

RECEIVED

NOV 25 2013

DIV. OF OIL, GAS & MINING

BOPE

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

Date/Time 11/25/2013 7:00 AM  PM

Remarks \_\_\_\_\_  
\_\_\_\_\_

BLM - Vernal Field Office - Notification Form

Operator Finley Resources Rig Name/# CAPSTAR 328  
\_Submitted By Lynn Rich Phone Number (435) 828-0601  
Well Name/Number UTE 16-5A-4-1  
Qtr/Qtr SWNW Section 16 Township 4S Range 1E  
Lease Serial Number 1420H624899  
API Number 43-047-52664-00-00

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

Date/Time \_\_\_\_\_ AM  PM

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

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

Date/Time 12/1/2013 2:00 AM  PM

BOPE

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

RECEIVED  
DEC 02 2013

DIV. OF OIL, GAS & MINING

Date/Time \_ \_\_\_\_\_ AM  PM

Remarks \_\_\_\_\_  
\_\_\_\_\_

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4896
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> FINLEY RESOURCES INC		<b>8. WELL NAME and NUMBER:</b> UTE 16-5A-4-1
<b>3. ADDRESS OF OPERATOR:</b> PO Box 2200 , Fort Worth, TX, 76113		<b>9. API NUMBER:</b> 43047526640000
<b>PHONE NUMBER:</b> 817 231-8735 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WINDY RIDGE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1650 FNL 0462 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 16 Township: 04.0S Range: 01.0E Meridian: U		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/17/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 01, 2014**

<b>NAME (PLEASE PRINT)</b> April Wilkerson	<b>PHONE NUMBER</b> 817 231-8735	<b>TITLE</b> Reg & Enviro Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/1/2014	

UTE 16-5A-4-1 11/26/2013 1 MIRU Capstar #328. NU BOP. Test BOP and related equip.to 3000# and csg.to 1500#---OK. Load and strap BHA. Install wear bushing. PU BHA and tag cement at 463'. Drill cement and shoe at 510'. Drill new hole from 510' to 865' (ROP=104'/hr). Mobe in. . 865 3.5 \$

UTE 16-5A-4-1 11/27/2013 2 Drilling from 865' to 3500'. RS and function test BOP. Surveys (5). 3500 21 \$43650

UTE 16-5A-4-1 11/28/2013 3 Drill from 3500 to 5005'. RS--function test BOP's. Surveys (4). 5005 21.5 \$

UTE 16-5A-4-1 11/29/2013 4 Drill from 5005' to 6354'. RS and function test BOP. Lost circ.and pump LCM sweeps and build volumeat 6061'. Surveys (4). 6354 20.5 \$

UTE 16-5A-4-1 11/30/2013 5 Drilling from 6354' to 7620'. Rig repair--change out top motor drives. RS--function test BOP. Surveys (3). 7620 20.5 \$

UTE 16-5A-4-1 12/1/2013 6 Drill from 7620' to TD of 7884'. Circ.sample pump sweep and pump high vis brine. Pump pill and blow down kelly. POOH and LDDP adn BHA and check for flow at 3450'--OK. Safety mtg.and RU Halliburton OH loggers and ran logs LTTD=7891'. Pull wear bshg... Safety mtg.and RU to run csg.to 900'--running csg... 7884 5 \$

UTE 16-5A-4-1 12/2/2013 7 Ran 186 jts.of new 5-1/2" 15.5# J-55 LT&C csg..Land shoe at 7870'. FC at 7825'. Broke circ.at 3000',5000' & 7000'.. Hold safety mtg..RU Halliburton cementers and cement production csg.with 400 sxs.of 10.5 ppg lead and 700 sxs.of 12 ppg tail cement and wash up and drop plug and displace plug with 186 bbl.cla-sta water with final circ.psi of 1100# and bump plug at 1600#. Int.returns during job. No cement to surface. Bump plug at 6:30pm . Lay down landing jt.and pack head and test to 5000#--OK. ND and clean pits and release rig at 11:30PM on 12/1/13.. Rigging down rig to move to 16-5A well. Final report of drilling.. 7884 0 \$

UTE 16-5A-4-1 10/8/2013 On 10/8/13 will MI LC Construction to start dirt work on access road and location. \$0

UTE 16-5A-4-1 10/9/2013 On 10/8/13 MI LC Construction to start building access road and pad. Complete 10% of site. \$0

UTE 16-5A-4-1 10/10/2013 Continue to work on access road and location. 50% complete. \$0

UTE 16-5A-4-1 10/11/2013 Continue to build location and access road. Should finish on 10/11/13 but will still need to gravel. \$0

UTE 16-5A-4-1 10/12/2013 On 10/11/13 continue to build location and access road. Construction is complete and will gravel on Monday, 10/14/13. \$0

UTE 16-5A-4-1 10/16/2013 Finish location and rocking of location on 10/15/13. RDUFA. \$0

UTE 16-5A-4-1 10/23/2013 Location and access road in complete. Waiting on rat hole rig. RDUFa \$0

UTE 16-5A-4-1 11/5/2013 On 11/4/13 MIRU Pro-Petro and spud 12-1/4" surface hole at 10:00AM on 11/4/13. Air mist drill to 515'. POOH with bit. RIH with 12 jts.of new 8-5/8" 24# ST&C J-55 csg.to 506'. Ran a shoe, 1 jt; baffle plate and 11 jts.of csg..Used 4 centralizers. SIFN. On 11/5/13 will cement surface csg.. \$0

UTE 16-5A-4-1 11/6/2013 On 11/5/13 MIRU Pro-Petro cementers. Cement 8-5/8" surface casing as follows: Pump 40 bbl.gel water, 10 bbl.fresh water and 360 sxs.of "G" 15.8 ppg cement and drop plug and displace with 29 bbl.of water. Had an est.90 sxs.of good cement to surface. Hole standing full. RDUFA. \$0

UTE 16-5A-4-1 12/17/2013 On 12/12/13 MIRU "The Perforators" wireline truck. Ran a CBL/VDL/GR log from tag at 7768' to surface. Correlated to the Halliburton Density log dated 11/30/13. Top of tail cement est.at 3215'. RDMO loggers. RDUFA. \$

UTE 16-5A-4-1 4/3/2014 On 4/2/14 MIRU The Perforators. Previously, a bond log had been run and a frac head installed and csg.and head tested OK to 3800#. Perforate the following Wasatch/Uteland Buttes intervals using a 3-1/8" csg.gun and 90\* phasing at 4 JPF per the Halliburton Density log dated 11/30/13: 7282-84'; 7290-92'; 7299-7301'; 7306-08'; 7319-21'; 7357-59' & 7488-92' 64 holes). No pressure prior to or after perforating. Hole was full of water. SIFN. On 4/3/14 will start frac work. \$

UTE 16-5A-4-1 4/4/2014 Ute 16-5A-4-1: Day #1 of fracing for work done on 4/3/14 and report for 4/14/14: On AM of 4/3/14 SICP=300#. MIRU Halliburton frac crew and frac gross perforated Wasatch/Uteland Butte interval 7282-7492' down 5-1/2" csg.using a 20# HYBRID system as follows: Pump 2000 gal.of 15% HCL followed by 71M# of 20/40 sand in slick water and 20# x-link water and flush with 1000 gal.of 15% HCL and slick water. Total of load of 1514 bbl..Max.rate=62.4; Ave=61.4 BPM; Max.psi=3523#; Ave=3246#; ISIP=3453# (.90). Set a frac plug at 7250'. Zone #2: Perforate the following Uteland Butte/Castle Peak intervals using a 3-1/8" csg.gun at 3 JPF and 90\* phasing per the OH Density log dated 11/30/13: 7138-40'; 7148-50'; 7166-68'; 7179-81'; 7189-91' & 7226-28' (36 holes). Frac this interval with a 20# HYBRID system with 2000 gal.of 15% HCL and 70M# of 20/40 mesh sand and a total load of 1437 bbl..Max.rate=60.1; Ave=59.9; Max.psi=3172#; Ave=3087#; ISIP=2544# (.79). Set a frac plug at 7110'. Zone #3: Perforate the following Castle Peak zones per the above gun and log: 7078-84' & 7086-90' (30 holes). Frac this interval with a 20# x-link gel water system with 500 gal.of 15% HCL and 60M# of 20/40 mesh sand and a total load of 633 bbl..Max.rate=59.9; Ave=59.8 BPM; Max.psi=3127#; Ave=2689#; ISIP=1807# (.69). Set a frac plug at 7030'. Zone #4: Perforate the following Castle Peak intervals per above gun and log: 6906-10'; 6914-16'; 6944-48'; 6951-53' & 6984-86'. Frac this interval with a 17# x-link gel water system with 500 gal.of 15% HCL and 70M# of 20/40 mesh sand and a total load of 708 bbl..Max.rate=60; Ave=60 BPM; Max.psi=2978#; Ave=2208#; ISIP=1736# (.68). Set a frac plug at 6870'. Zone #5: Perforate the following Castle Peak/Black Shale /Douglas Creek intervals per above gun and log: 6719-21'; 6754-56'; 6762-64'; 6783-85'; 6826-28' & 6832-34'. SIFN. On 4/4/14 will continue with fracs. \$0

UTE 16-5A-4-1 4/5/2014 Ute 16-5A-4-1 for report date of 4/5/14 for work performed on 4/4/14: Frac day #2: On 4/4/14 SICP=1273# from zone #5. Frac gross perforated Castle Peak/Black Shale/Douglas

Creek interval 6719-6834' down csg.using a 17# HYBRID system as follows: Pump 500 gal.of 15% HCL followed by 70M# of 20/40 sand and flush with slick water. Total of 70M# of sand and a total load of 1335 bbl..Max.rate=60.4; Ave=60 BPM; Max.psi=2969#; Ave=2671#; ISIP=2219# (.76). Set a comp.frac plug at 6550'. Zone #6: Perforate Douglas Creek intervals 6320-25' & 6349-54' using a 3-1/8" csg.gun at 3 JPF with 120\* phsg.per OH Density log dated 11/30/13. Frac this interval with a 17# x-link gel water system using 70M# of 20/40 mesh sand and a total of 843 bbl.of fluid. Max.rate=60.3; Ave=60.1 BPM; Max.psi=2201#; Ave=1925#. ISIP=1256# (.63). Set a frac plug at 5900'. Zone #7: Perforate Garden Gulch intervals 5487-90'; 5612-14'; 5660-62' & 5679-82' per the above gun and log. Frac this interval with a 17# x-link gel water system using 58M# of 20/40 mesh sand and a total load of 718 bbl..Max.rate=60.2; Ave=60 BPM; Max.psi=2873#; Ave=2563#; ISIP=1730# (.74). SI the well for 3 hours while rigging down service companies. After a 3 hour SI period open the csg.to flow back tank at 3:30PM on 4/4/14. SICP=1150#. Continue to flow the well on various chokes and at 6:00AM on 4/5/14 FCP=525# on a 24/64" choke at a current rate of 100 bbl.per hour of 100% water with no oil or gas and no sand in the last 6 hours with only a slight show prior to then and a cumulative recovery of 1370 bbl.with a LLR=5380 bbl..Continue to flow to clean up. \$

UTE 16-5A-4-1 4/6/2014 On AM of 4/6/14 at 6:00AM FCP=5# on a full 2" line and flowing at a rate of 5 bbl.hour water with a 7% yellow oil cut with a cum.recovery of est.34 bbl.of oil and 2278 bbl.of water. SI the well at 8:00AM on 4/6/14 after recovering an additional 2 bbl.of water in 2 hours. Have recovered a total of 2276 bbl.of water with a water load LLR=4924 bbl..Well will remain SI until AM of 4/7/14 when the completion rig will MI and a comp.BP will be set to ND frac head and NU BOP's. \$

UTE 16-5A-4-1 4/7/2014 On 4/6/14 SICP=0#. RU power swivel and drill out comp.BP at 5400'. Continue in the hole and drill out comp.frac plugs at 5900'. 6550'; 6870'; 7030'; 7110' and 7250'. Had a show of oil and some sand. Circ.hole clean at 7218' and SIFN. On 4/7/14 will clean out to PBTD and lay down mill. \$

UTE 16-5A-4-1 4/8/2014 On 4/7/14 MIRU Monument WS rig. SICP=400#. Bled down well and rec.15 bbl.of black oil. RU The Perforators and set a comp.BP at 5400'. Bled off and RDMMO wireline company. ND frac head and NU BOP. Tally and rabbit in the hole with new 2-7/8" tbg.and 4-5/8" mill and pump off bit sub assembly to 5397'. SIFN. On 4/8/14 will start to drill out plugs. \$

UTE 16-5A-4-1 4/10/2014 On 4/9/14 SITP=0# with float in string and SICP=100#. Bled off with no fluid recovery. Clean out well to PBTD of 7768' and circ.hole clean with 2% KCL water. Spot biocide and inhibitor. Lay down power swivel. POOH and lay down mill and pump off bit sub assembly. RIH with production tbg..Set 5-1/2" TAC at 5404' with 12M# tension. Had to pump a total of 60 bbl.of brine down the tbg.and csg.to keep well dead while RIH. ND BOP's and NUWH. SIFN. Tbg.details to follow on 4/11/14 report. Will run rods and pump on 4/10/14. \$

UTE 16-5A-4-1 4/11/2014 On 4/10/14 SITP and SICP=0#. RU hot oiler and flush tbg.with 70 bbl.of hot water and 20 bbl.of brine water. Bucket test pump. OK. RIH with pump and rods. Seat pump and long stroke to 800# and OK. Clamp off rods. Too windy to rig down. On 4/11/14 will RD Monument Well Service and turn well over to production dep't. Final report of well completion. Tbg.Detail: 2-7/8" bull plug: 0.68'; 4 jts.of tbg.=129.9'; 2-7/8" perf.sub=4.05'; SN=1.1'; 34 jts.of tbg.=1102.7'; 5-1/2" TAC set with

12M# tension=2.7'; 166 jts.of tbg.=5387.11'; Stretch=1.18'; KB=13'. Tbg.tail at 6642'; SN at 6507.79'; TAC at 5403.99'. All tbg.is new 2-7/8" EUE 8rd 6.5# J-55. Pump detail: 2-1/2"x1-1/2"x16' RHAC with 21' dip tube. Rod Detail: 11-4'x1" stabalizers; 10-1-1/2" sinker bars; 10-3/4" guided rods; 149-3/4" plain rods; 87-7/8" plain rods; 1-4'; 6'; 8'x7/8" pony rods. \$

UTE 16-5A-4-1 5/7/2014 M.I.R.U. Monument W.S. unhung well,unseated pump. R.U. Hot Oil Trk. flushed tbg w/45 bbl water. P.O.O.H. w/rods and pump. Found plunger was cut and T.V. and S.V. would not hold. R.I.H. w/ rods and pump seated pump and hung well on. R.U. loaded hole w/5 bbls water pressured up to 800 PSI held ok. R.D. Hot Oil Trk. R.D.P.U. \$

UTE 16-5A-4-1 8/14/2014 JSA, Safety meeting. RU rig and unhang horse head. Unseat pump and flush tubing w/40 bbls. TOO H w/rods. LD K-bars, pump, and dip tube. X-over blocks for tubing. ND wellhead, Release TAC, NU BOP's, RU floor, TOO H w/tubing. MU bit and bit sub and TIH w/tubing. PU 36 joints and tag @ 7758'. 10 feet of fill. LD 18 joints on trailer and TOO H w/tubing. Broke out bit and bit sub, MU BHA and TIH w/tubing as follows: bull plug, 4 joints, 4' perf sub, PSN, 7 joints, TAC, and 211 joints. TAC @ 6865', PSN @ 7093', EOT @ 7228'. RD floor, ND BOP's, set TAC, NU wellhead, X-over blocks for rods. Secure well, SDFN. \$

UTE 16-5A-4-1 8/15/2014 JSA, safety meeting. Flush tubing w/40 bbls. PU and prime new pump, MU 20' dip tube and RIH. PU 10 K-bars w/stab subs and TIH w/10 guided 3/4" rods, 149 slick 3/4" rods, 111 slick 7/8" rods, 1-4'x7/8" pony rod, and polished rod. Seat pump, fill w/30 bbls and test to 800 psi. Good test. Hang head, RDMO. \$

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

AMENDED REPORT  FORM 8  
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

12. COUNTY

13. STATE

UTAH

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

3. ADDRESS OF OPERATOR: CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE:  
  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
  
AT TOTAL DEPTH:

14. DATE SPUDDED: \_\_\_\_\_ 15. DATE T.D. REACHED: \_\_\_\_\_ 16. DATE COMPLETED: \_\_\_\_\_ ABANDONED  READY TO PRODUCE  17. ELEVATIONS (DF, RKB, RT, GL): \_\_\_\_\_

18. TOTAL DEPTH: MD \_\_\_\_\_ TVD \_\_\_\_\_ 19. PLUG BACK T.D.: MD \_\_\_\_\_ TVD \_\_\_\_\_ 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* \_\_\_\_\_ 21. DEPTH BRIDGE PLUG SET: MD \_\_\_\_\_ TVD \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) \_\_\_\_\_ 23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

**24. CASING AND LINER RECORD (Report all strings set in well)**

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

**27. PERFORATION RECORD**

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

**29. ENCLOSED ATTACHMENTS:**

- ELECTRICAL/MECHANICAL LOGS       GEOLOGIC REPORT       DST REPORT       DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION       CORE ANALYSIS       OTHER: \_\_\_\_\_

**30. WELL STATUS:**

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

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

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

**35. ADDITIONAL REMARKS (Include plugging procedure)**

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**

NAME (PLEASE PRINT) \_\_\_\_\_ TITLE \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801