

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Gardner 36-15B-3-2					
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> UNDESIGNATED					
<b>4. TYPE OF WELL</b> Oil Well      Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>					
<b>6. NAME OF OPERATOR</b> FINLEY RESOURCES INC						<b>7. OPERATOR PHONE</b> 817 231-8735					
<b>8. ADDRESS OF OPERATOR</b> PO Box 2200, Fort Worth, TX, 76113						<b>9. OPERATOR E-MAIL</b> awilkerson@finleyresources.com					
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Patented			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Shane and Gail Gardner Family Trust						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 435-353-4289					
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 1863 E. Hwy 40, Roosevelt, UT 84066						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>					
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>			
LOCATION AT SURFACE		1248 FSL 1030 FEL		SWSE	36	3.0 S	2.0 E	U			
Top of Uppermost Producing Zone		1248 FSL 1030 FEL		SWSE	36	3.0 S	2.0 E	U			
At Total Depth		1248 FSL 1030 FEL		SWSE	36	3.0 S	2.0 E	U			
<b>21. COUNTY</b> UINTAH			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1030			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40					
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 600			<b>26. PROPOSED DEPTH</b> MD: 8500    TVD: 8500					
<b>27. ELEVATION - GROUND LEVEL</b> 4935			<b>28. BOND NUMBER</b> RLB0011264			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-11500					
<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 - 1000	24.0	J-55 ST&C	8.6	Class G		502	1.15	15.8
							Class G		335	1.17	15.8
PROD	7.875	5.5	0 - 8500	17.0	N-80 LT&C	9.2	Halliburton Premium , Type Unknown		245	3.1	11.0
							Halliburton Premium , Type Unknown		1007	2.1	13.0
<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						
<b>NAME</b> Don Hamilton			<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)				<b>PHONE</b> 435 650-3866				
<b>SIGNATURE</b>			<b>DATE</b> 08/28/2014				<b>EMAIL</b> starpoint@etv.net				
<b>API NUMBER ASSIGNED</b> 43047547120000			<b>APPROVAL</b>   Permit Manager								

**Finley Resources, Inc.**  
**Gardner 36-15B-3-2**  
**1248' FSL & 1030' FEL, SWSE, Sec 36, T3S, R2E, U.S.B.&M.**  
**Uintah County, UT**

**Drilling Program**

**1. Formation Tops**

Uintah	Surface
Green River	2,879'
Black Shale	6,644'
Wasatch	7,241'
TD	8,500'

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

Black Shale	6,644' - 7,241'	(Oil)
Wasatch	7,241' - 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 3M system.

A 3M 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 3,000 psi will be used.

**4. Casing**

Description	Interval (MD)		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'	1,000'	24	J-55	STC	8.33	8.6	11	2,950	1,370	244,000
Production 5 1/2	0'	8,500'	17	N-80	LTC	9	9.2	11	5.80	4.12	10.17
									7,740	6,280	348,000
									2.47	1.95	2.41

**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	700'	Class G w/ 2% KCl + 0.25 lbs/sk Flocele	578	100%	15.8	1.15
				502			
Surface Tail	12 1/4	300'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	392	100%	15.8	1.17
				335			
Production Lead	7 7/8	3,500'	Econocem-1# granulite+.25# polyflake	758	25%	11.0	3.10
				245			
Production Tail	7 7/8	5,000'	Econocem-.95%bw HR-5+.125# polyflake	2114	25%	13.0	2.10
				1007			

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**

<u>Interval</u>	<u>Description</u>
Surface - 1,000'	An air and/or fresh water system will be utilized.
1,000' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 9.2 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 PBTD 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 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

**Based on prior drilling experience in the area, Finley Resources is confident that the 5 1/2" 15.5# production is more than sufficient to avoid any possible mechanical integrity problems relating to collapse or burst conditions.**

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.

# T3S, R2E, U.S.B.&M.

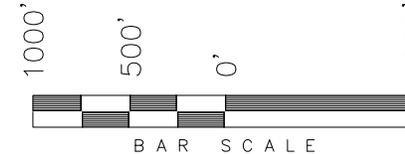
FINLEY RESOURCES INC.

WELL LOCATION, 36-15B-3-2, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 36, T3S, R2E, 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.

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°10'29.44"
LONGITUDE	= 109°42'57.32"



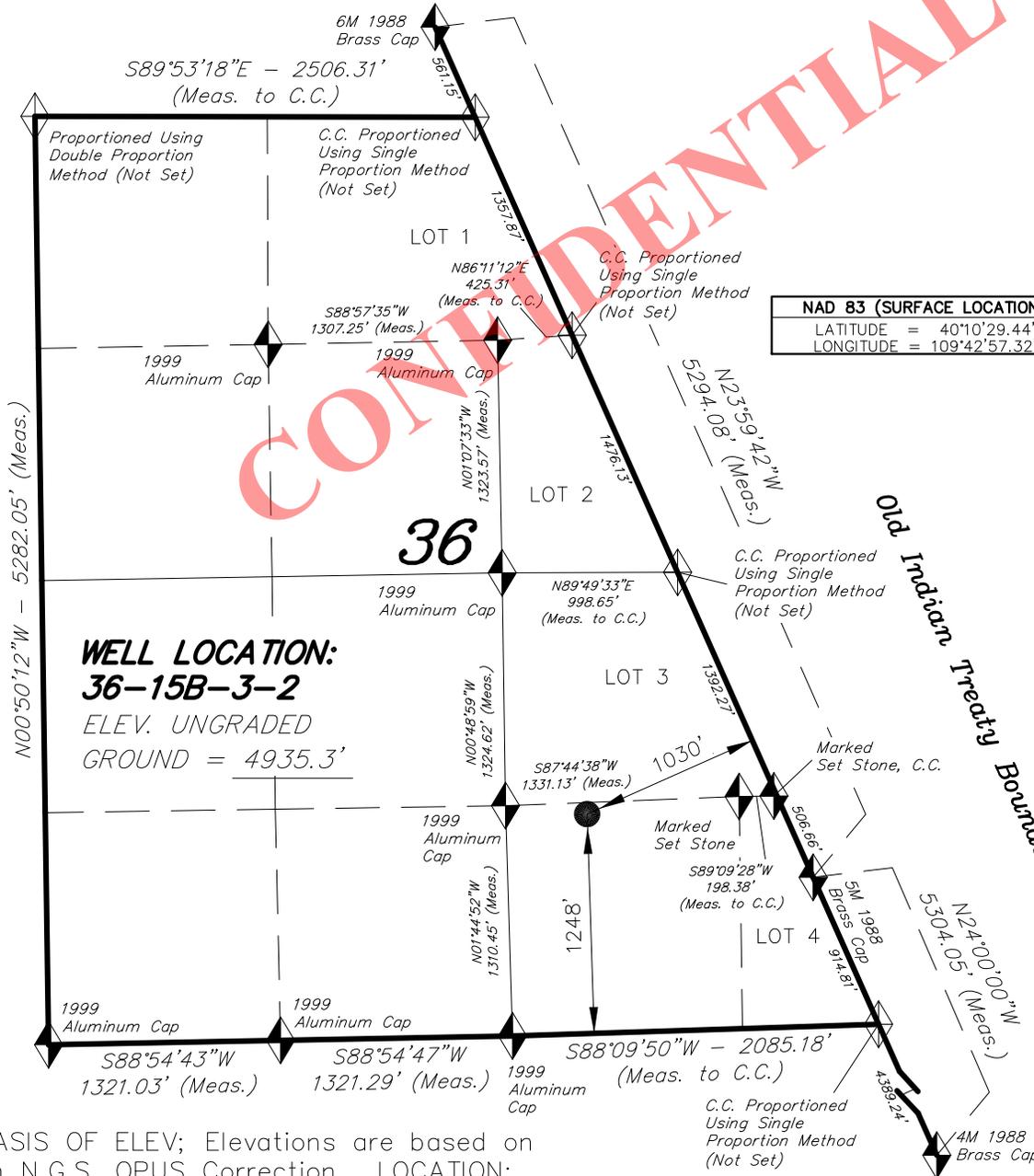
◆ = SECTION CORNERS LOCATED

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

REGISTERED LAND SURVEYOR  
 No. 189377  
 06-24-14  
 STACY W. STEWART  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

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

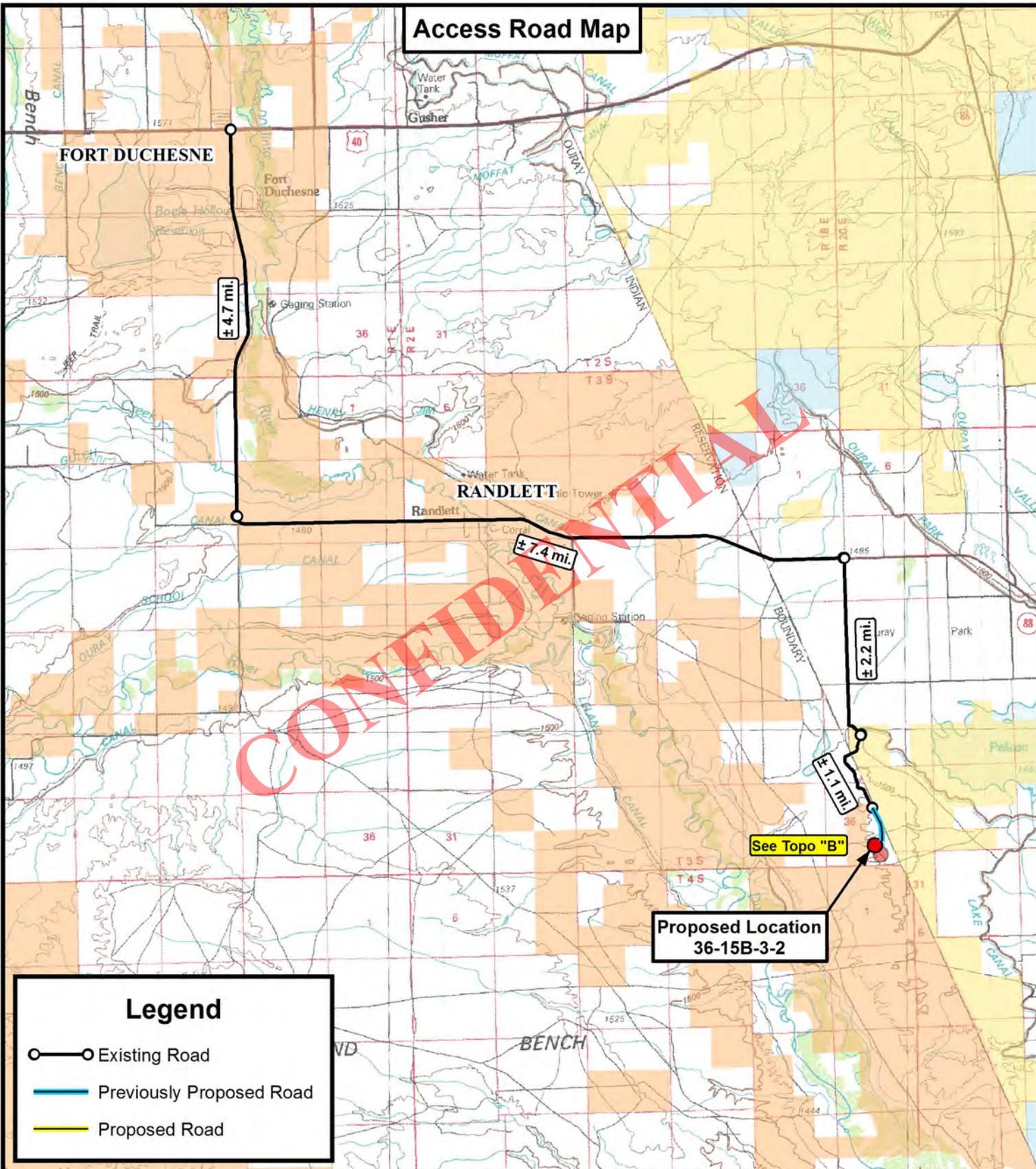
DATE SURVEYED: 06-19-14	SURVEYED BY: M.C.
DATE DRAWN: 06-24-14	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



**WELL LOCATION:**  
**36-15B-3-2**  
 ELEV. UNGRADED  
 GROUND = 4935.3'

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'

**Access Road Map**



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**Legend**

- Existing Road
- Previously Proposed Road
- Proposed Road

**Proposed Location  
36-15B-3-2**

See Topo "B"

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

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

N

DRAWN BY:	A.P.C.	REVISED:	
DATE:	06-25-2014		
SCALE:	1:100,000		

**FINLEY RESOURCES INC.**

**36-15B-3-2**

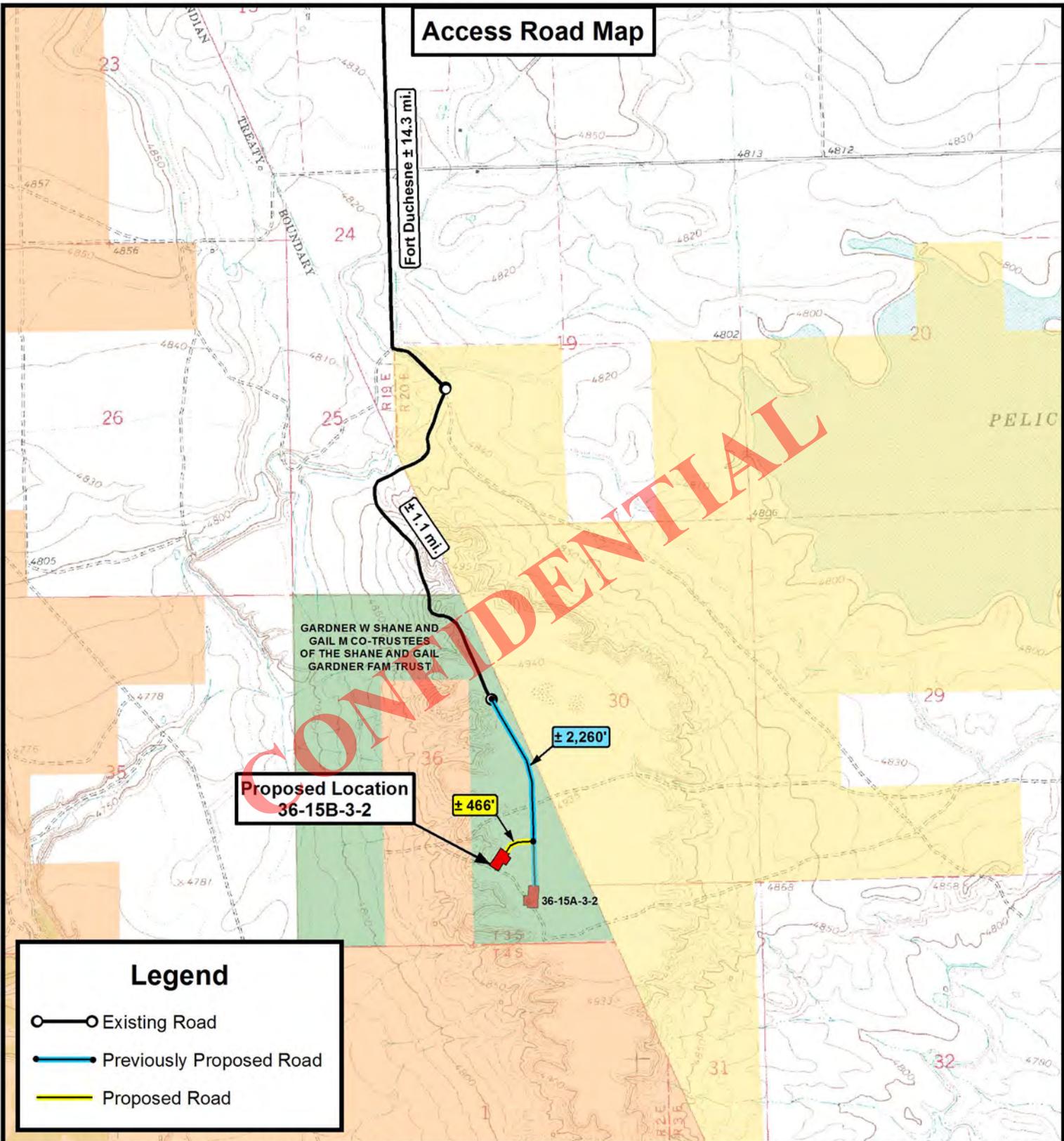
**Sec. 36, T3S, R2E, U.S.B.&M.**

**Uintah County, UT.**

**TOPOGRAPHIC MAP**

SHEET  
**A**

**Access Road Map**



**Proposed Location**  
36-15B-3-2

GARDNER W SHANE AND  
GAIL M CO-TRUSTEES  
OF THE SHANE AND GAIL  
GARDNER FAM TRUST

**Legend**

- Existing Road
- Previously Proposed Road
- 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.



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**FINLEY RESOURCES INC.**

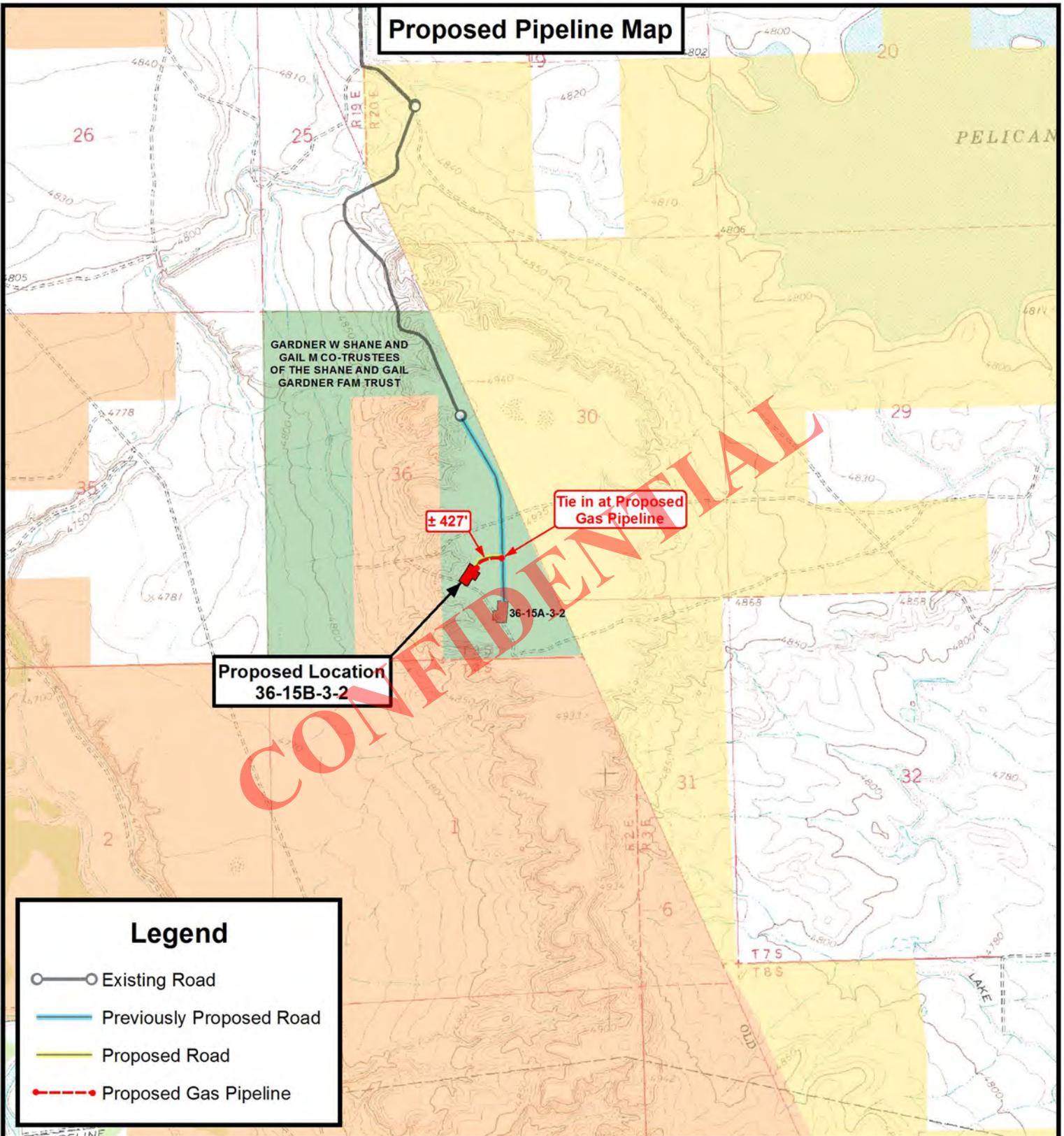
**36-15B-3-2**  
Sec. 36, T3S, R2E, U.S.B.&M.  
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:
DATE:	06-25-2014	
SCALE:	1" = 2,000'	

**TOPOGRAPHIC MAP**

SHEET  
**B**

**Proposed Pipeline Map**



**Proposed Location**  
36-15B-3-2

**Legend**

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

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

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



**FINLEY RESOURCES INC.**

**36-15B-3-2**  
**Sec. 36, T3S, R2E, U.S.B.&M.**  
**Uintah County, UT.**

DRAWN BY:	A.P.C.	REVISED:
DATE:	06-25-2014	
SCALE:	1" = 2,000'	

**TOPOGRAPHIC MAP**

SHEET  
**C**

**Exhibit "B" Map**

**Proposed Location  
36-15B-3-2**

**CONFIDENTIAL**

**Legend**

-  1 Mile Radius
-  Proposed Location

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.**  
36-15B-3-2  
Sec. 36, T3S, R2E, U.S.B.&M.  
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:
DATE:	06-25-2014	
SCALE:	1" = 2,000'	

**TOPOGRAPHIC MAP**

SHEET  
**D**

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

State: Utah

County: Uintah

Affiant: Scott Ramsey, Land Manager, Finley Resources Inc.

Pursuant to the State of Utah R649-3-34.7, I Scott Ramsey personally attests and duly swears and deposes the following information:

My name is Scott Ramsey. I am the Land Manager of Finley Resources Inc., authorized to do business in the State of Utah, whose address is 1308 Lake Street, Fort Worth, Texas 76102, hereinafter referred to as ("Finley"). Finley owns, operates and manages oil and gas properties in Uintah County, Utah. Finley is the owner of certain oil and gas leasehold in the Section 25 & 36, Township 3 South Range 2 East, USM where a future drillsite location, right-of-way, easement will be located.

Finley and the Surface Owner, The Shane and Gail Gardner Family Trust, dated November 1, 1996 have entered into that certain Easement, Right-of-Way and Surface Use Agreement, dated effective June 10, 2014 covering the following lands owned by Owner in Uintah County, Utah, to wit:

**Township 3 South, Range 2 East, USM**  
**Section 25: Lots 3 & 4**  
**Section 36: Lots 1, 2, 3, 4 & SW/4SE/4**

Furthermore, this shall serve as sufficient notice of Finley's agreement to access the aforementioned lands for the future development of the oil and gas leasehold.

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\_\_\_\_\_  
Scott Ramsey, Land Manager  
Finley Resources Inc.

ACKNOWLEDGEMENT

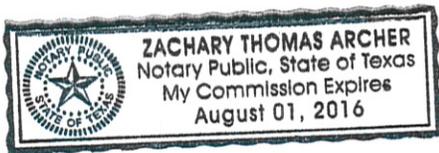
STATE OF TEXAS §

COUNTY OF TARRANT §

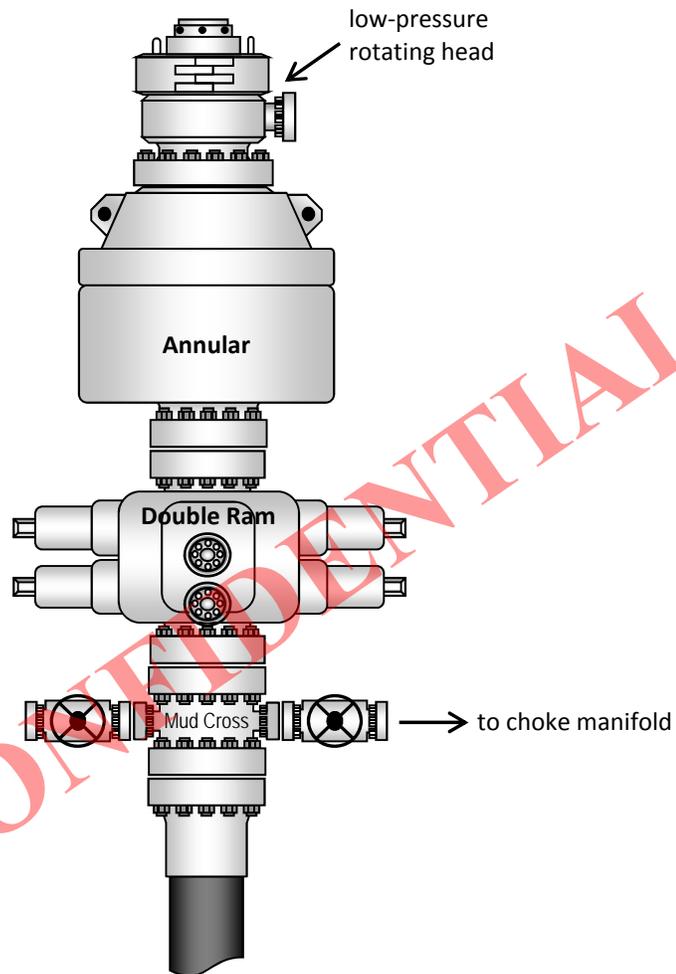
Before me the undersigned, a Notary Public, in and for said County and State, on this 11<sup>th</sup> day of June, 2014, personally appeared Scott Ramsey, as Land Manager, of Finley Resources Inc., to me known to be the identical person who subscribed the name of the maker therefore to the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: 9.1.2016

[SEAL]



### Typical 3M BOP stack configuration





October 30, 2014

Department of Natural Resources  
Division of Oil, Gas and Mining  
Attn: Brad Hill  
P.O. Box 145801  
Salt Lake City, Utah 84114

Re: Certification of Ownership for Permit to Drill  
Board Docket Number 2014-024 Cause Number 270-03  
Gardner 36-7A-3-2 & Gardner 36-15B  
Section 36, Township 3 South Range 2 East  
Uintah County, Utah

Dear Mr. Hill,

Finley Resources Inc. ("Finley") respectfully requests the approval of the application for permit to drill ("APD") the Gardner 36-7A-3-2 and Gardner 36-15B-3-2. The surface and bottom hole locations are legal locations pursuant to Board Docket Number 2014-024 Cause Number 270-03, whereby no well may be located closer than 460 feet to the shared drilling unit/lease boundary and no closer than 100 feet if the adjacent lands are within the same lease and have the same production interest owners, without an exception location approval in accordance with Utah Administration Code Rule R649-3-3.

As specified in the order, it was requested that Finley include with the APD, written certification to the Division of Oil, Gas and Mining when the 100-foot setback authorization was applicable. Finley hereby certifies that all production interest owners in the Gardner 36-7A-3-2, Gardner 36-15B-3-2 and all lands located within 100 feet and 460 feet are the same production interest owners.

Should you have any questions regarding this matter please contact me at the number provided below.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Z. Archer', is written over the word 'Sincerely,'.

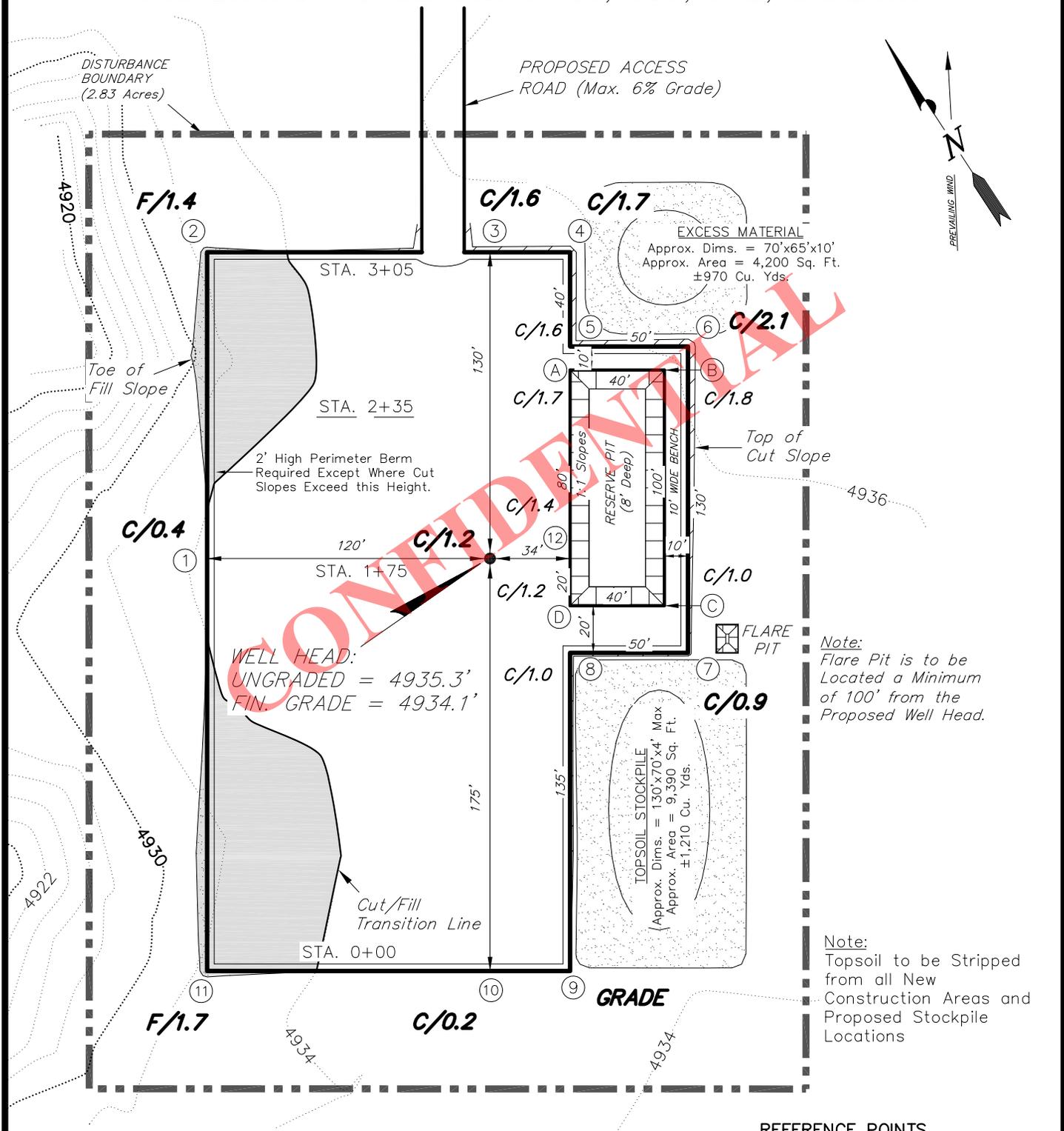
Zachary Archer  
Landman  
(817)-231-8759

# FINLEY RESOURCES INC.

## PROPOSED LOCATION LAYOUT

36-15B-3-2

Pad Location: SWSE Section 36, T3S, R2E, U.S.B.&M.



**WELL HEAD:**  
 UNGRADED = 4935.3'  
 FIN. GRADE = 4934.1'

**Note:**  
 Flare Pit is to be located a minimum of 100' from the Proposed Well Head.

**Note:**  
 Topsoil to be Stripped from all New Construction Areas and Proposed Stockpile Locations

**REFERENCE POINTS**

- 170' NORTHWESTERLY - 4931.5'
- 220' NORTHWESTERLY - 4925.6'
- 225' SOUTHWESTERLY - 4934.3'
- 275' SOUTHWESTERLY - 4934.4'

**NOTE:**  
 The topsoil & excess material areas are calculated as being mounds containing 2,180 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:	M.C.	DATE SURVEYED:	06-19-14
DRAWN BY:	M.W.	DATE DRAWN:	06-24-14
SCALE:	1" = 60'	REVISED:	

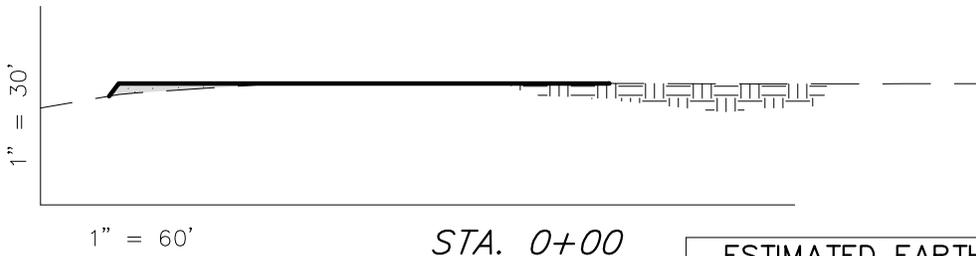
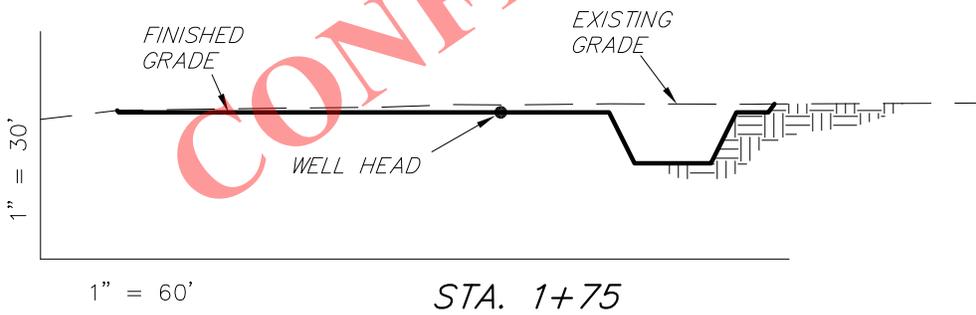
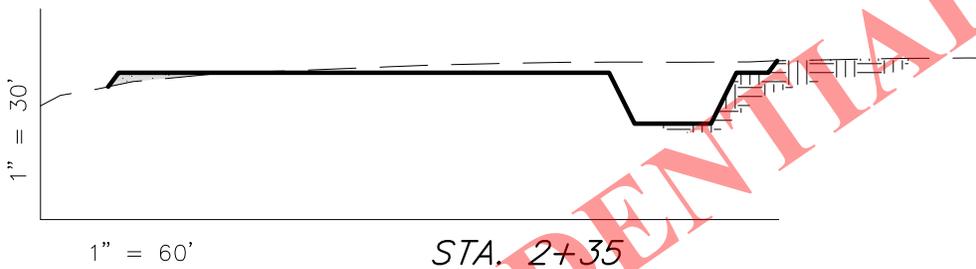
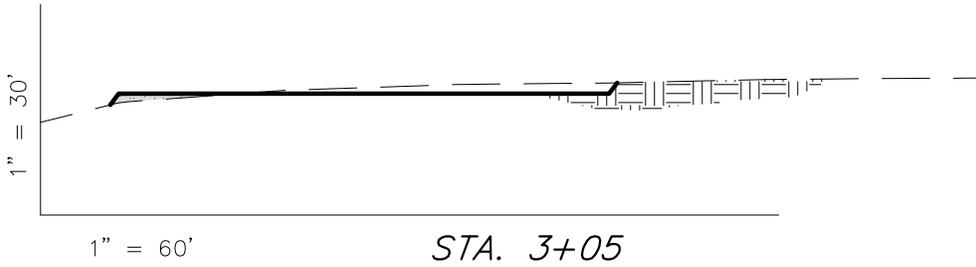
**Tri State Land Surveying, Inc.** (435) 781-2501  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# FINLEY RESOURCES INC.

## CROSS SECTIONS

### 36-15B-3-2

*Pad Location: SWSE Section 36, T3S, R2E, U.S.B.&M.*



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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	690	690	Topsoil is not included in Pad Cut Volume	0
PIT	880	0		880
<b>TOTALS</b>	<b>1,570</b>	<b>690</b>	<b>1,100</b>	<b>880</b>

SURVEYED BY:	M.C.	DATE SURVEYED:	06-19-14
DRAWN BY:	M.W.	DATE DRAWN:	06-24-14
SCALE:	1" = 60'	REVISED:	

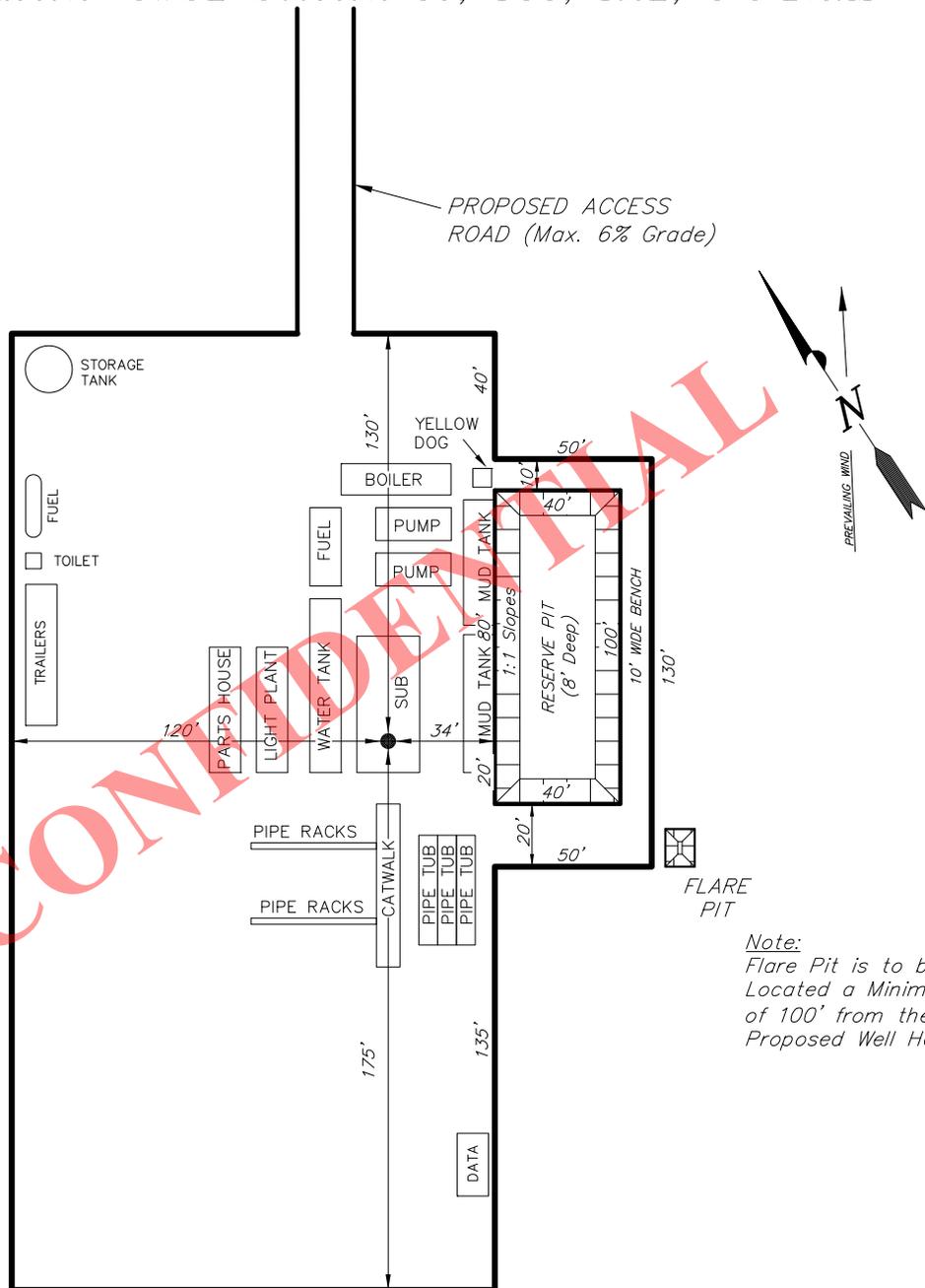
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 (435) 781-2501

# FINLEY RESOURCES INC.

## TYPICAL RIG LAYOUT

36-15B-3-2

Pad Location: SWSE Section 36, T3S, R2E, U.S.B.&M.

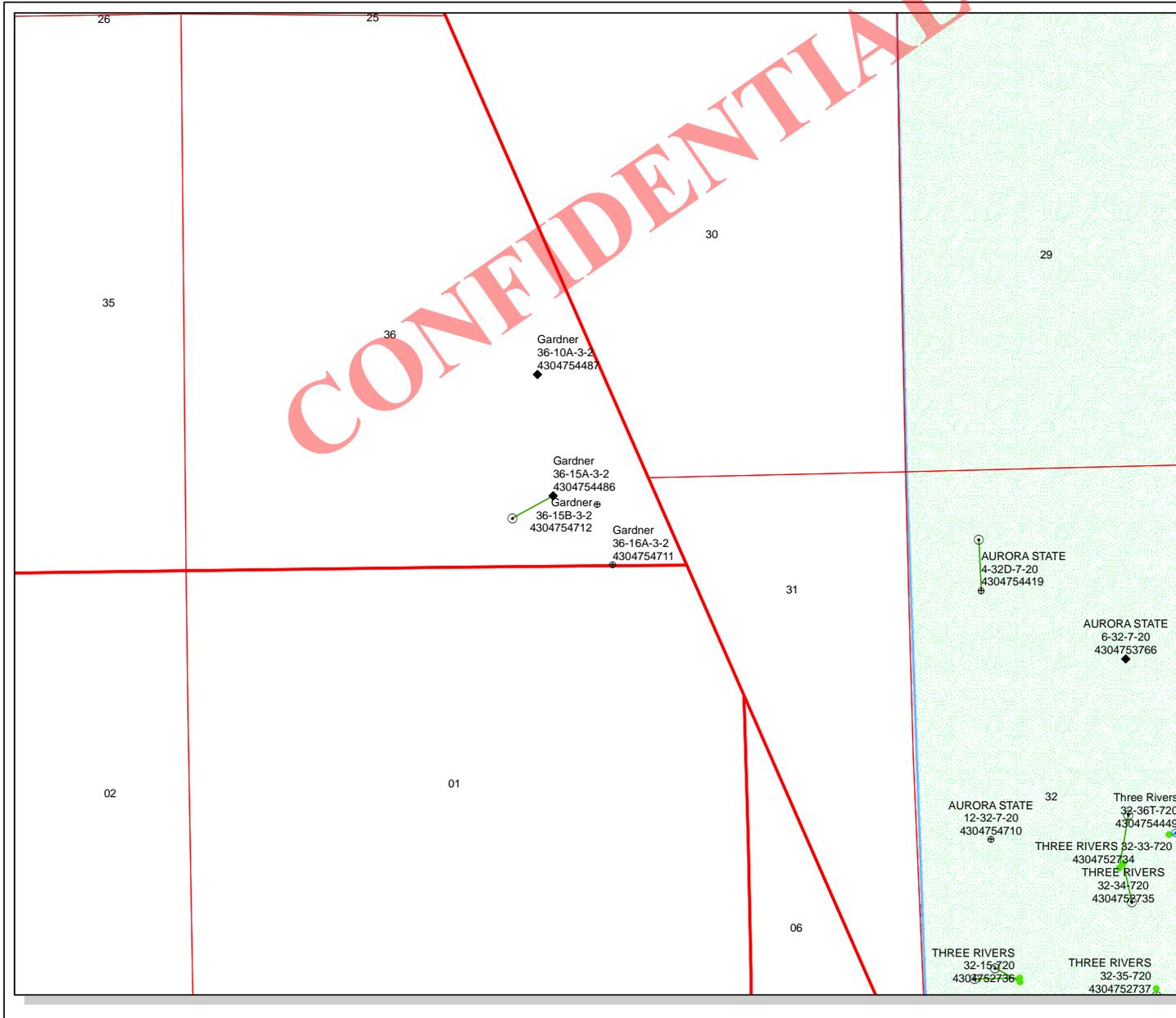


*Note:*  
Flare Pit is to be  
Located a Minimum  
of 100' from the  
Proposed Well Head.

SURVEYED BY:	M.C.	DATE SURVEYED:	06-19-14
DRAWN BY:	M.W.	DATE DRAWN:	06-24-14
SCALE:	1" = 60'	REVISED:	

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

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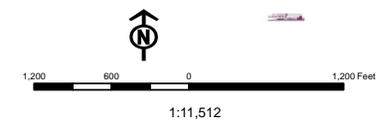


**API Number: 4304754712**  
**Well Name: Gardner 36-15B-3-2**

Township: T03.0S Range: R02.0E Section: 36 Meridian: U  
 Operator: FINLEY RESOURCES, INC.

Map Prepared: 8/29/2014  
 Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
◆	APD - Approved Permit	▨	ACTIVE
○	DRL - Spudded (Drilling Commenced)	▨	EXPLORATORY
↗	GIW - Gas Injection	▨	GAS STORAGE
★	GS - Gas Storage	▨	NF PP OIL
⊕	LOC - New Location	▨	NF SECONDARY
⊖	OPS - Operation Suspended	▨	PI OIL
⊘	PA - Plugged Abandoned	▨	PP GAS
⊙	PGW - Producing Gas Well	▨	PP GEOTHERML
⊚	POW - Producing Oil Well	▨	PP OIL
⊛	SGW - Shut-in Gas Well	▨	SECONDARY
⊜	SOW - Shut-in Oil Well	▨	TERMINATED
⊝	TA - Temp. Abandoned		
○	TW - Test Well	Fields	
⊖	WDW - Water Disposal	▨	Unknown
⊙	WW - Water Injection Well	▨	ABANDONED
●	WSW - Water Supply Well	▨	ACTIVE
		▨	COMBINED
		▨	INACTIVE
		▨	STORAGE
		▨	TERMINATED



Well Name	FINLEY RESOURCES INC Gardner 36-15B-3-2 43047547120000			
String	Cond	Surf	Prod	
Casing Size(")	13.375	8.625	5.500	
Setting Depth (TVD)	60	1000	8500	
Previous Shoe Setting Depth (TVD)	0	60	1000	
Max Mud Weight (ppg)	8.3	8.6	9.2	
BOPE Proposed (psi)	0	500	3000	
Casing Internal Yield (psi)	1000	2950	7740	
Operators Max Anticipated Pressure (psi)	3978		9.0	

Calculations	Cond String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

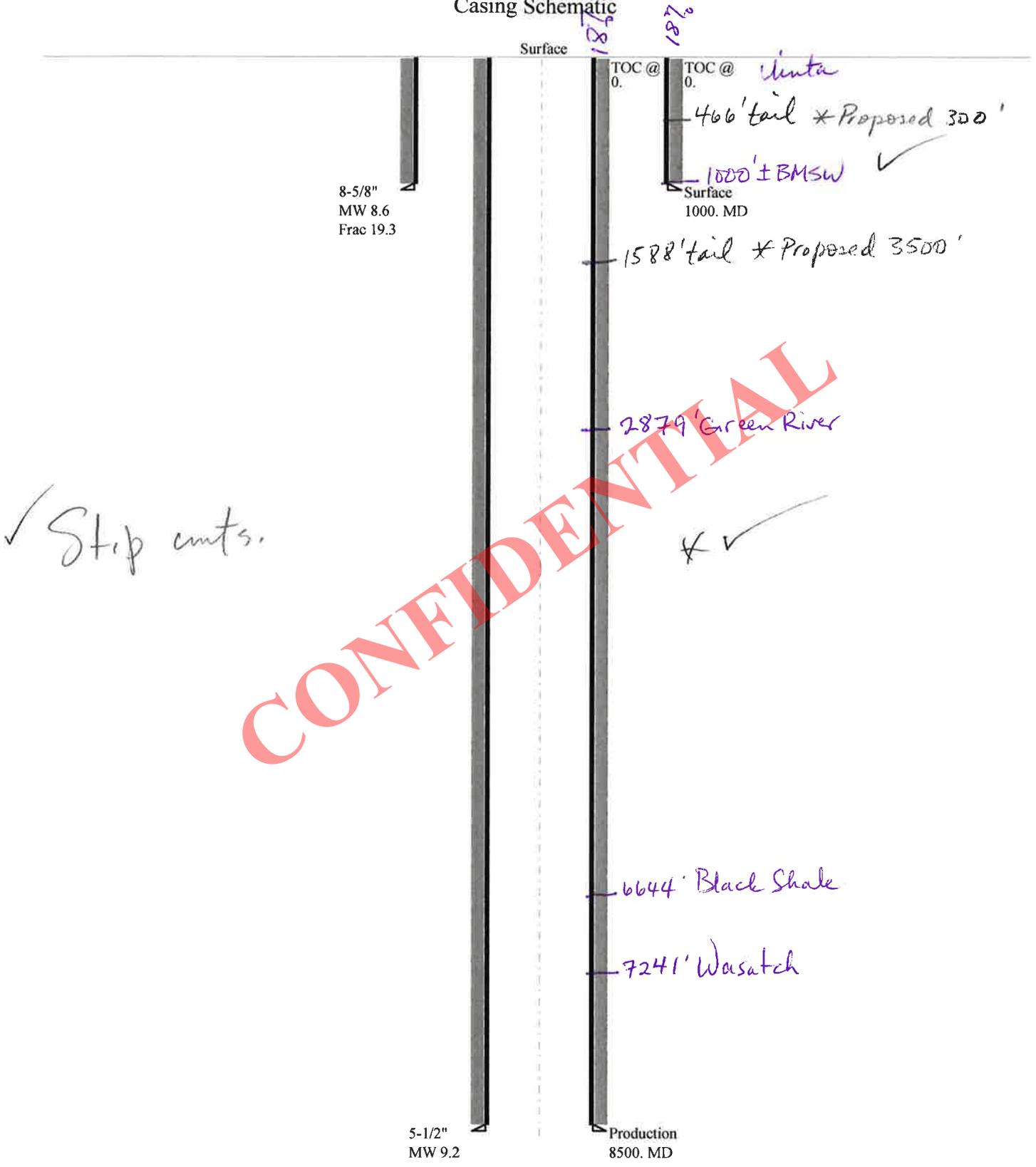
Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	447	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	327	YES diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	227	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	240	NO OK
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4066	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3046	NO 3M BOP, annular preventer, two ram preventers, choke
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2196	YES manifold
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2416	NO OK
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

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

# 43047547120000 Gardner 36-15B-3-2

## Casing Schematic



8-5/8"  
MW 8.6  
Frac 19.3

Surface

TOC @ 0.

TOC @ 0.

*uinta*

466' tail \* Proposed 300'

1000' ± BMSW ✓

Surface  
1000. MD

1588' tail \* Proposed 3500'

2879' Green River

6644' Black Shale

7241' Wasatch

5-1/2"  
MW 9.2

Production  
8500. MD

✓ Stop cuts.

x ✓

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Well name:	<b>43047547120000 Gardner 36-15B-3-2</b>		
Operator:	<b>FINLEY RESOURCES INC.</b>		
String type:	Surface	Project ID:	43-047-54712
Location:	UINTAH COUNTY		

**Design parameters:****Collapse**

Mud weight: 8.600 ppg  
Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 88 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 1,056 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 1,176 psi

No backup mud specified.

**Tension:**

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

Tension is based on buoyed weight.  
Neutral point: 871 ft

**Non-directional string.****Re subsequent strings:**

Next setting depth: 8,500 ft  
Next mud weight: 9.200 ppg  
Next setting BHP: 4,062 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,200 ft  
Injection pressure: 1,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5147
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	447	1370	3.067	1176	2950	2.51	20.9	244	11.67 J

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

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

Date: October 20, 2014  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43047547120000 Gardner 36-15B-3-2</b>		
Operator:	<b>FINLEY RESOURCES INC.</b>		
String type:	Production	Project ID:	43-047-54712
Location:	UINTAH COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 9.200 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 193 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 2,192 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 4,062 psi

No backup mud specified.

**Tension:**

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

**Non-directional string.**

Tension is based on buoyed weight.  
 Neutral point: 7,314 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8500	5.5	17.00	N-80	LT&C	8500	8500	4.767	47908
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4062	6290	1.548	4062	7740	1.91	124.3	348	2.80 J

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

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

Date: October 20, 2014  
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8500 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** FINLEY RESOURCES, INC.  
**Well Name** Gardner 36-15B-3-2  
**API Number** 43047547120000      **APD No** 10227    **Field/Unit** UNDESIGNATED  
**Location:**  
**1/4, 1/4** SWSE    **Sec** 36    **Tw** 3.0S    **Rng** 2.0E    1248 FSL 1030 FEL  
**GPS Coord**  
**(UTM)** 609329 4447954      **Surface Owner** Shane and Gail Gardner Family Trust

### Participants

J. Burns - StarPoint ; J. Simonton - Finley Resources ; D. Slauch - Tristate; Wes Gardner - landowner

### Regional/Local Setting & Topography

This location is on top of a gravel bench accessed through the Gardner gravel pit. The Pelican lake is found approximately 1 mile northeast and the Duchesne River is found 1 mile West. The undisturbed soils are light colored sandy clays and the topography is particularly flat. These lands may have once been leveled and cultivated for agriculture. Opuntia spp is the dominant vegetation.

### Surface Use Plan

**Current Surface Use**  
Wildlfe Habitat

New Road Miles	Well Pad Width 200    Length 300	Src Const Material	Surface Formation
0.43		Onsite	UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?**      Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

High desert shrubland ecosystem. Expected vegetation consists of sagebrush, globemallow, evening primrose, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.

Dominant vegetation;

Optuntia spp

Wildlife;

habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed.

#### **Soil Type and Characteristics**

light colored sandy clays

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required?** N

**Berm Required?** Y

**Erosion Sedimentation Control Required?** N

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

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

- Distance to Groundwater (feet)**
- Distance to Surface Water (feet)**
- Dist. Nearest Municipal Well (ft)**
- Distance to Other Wells (feet)**
- Native Soil Type**
- Fluid Type**
- Drill Cuttings**
- Annual Precipitation (inches)**
- Affected Populations**
- Presence Nearby Utility Conduits**

**Final Score**

**Sensitivity Level**

**Characteristics / Requirements**

A 60' x 100' reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete

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

**Other Observations / Comments**

Chris Jensen  
**Evaluator**

9/10/2014  
**Date / Time**

# 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
10227	43047547120000	LOCKED	OW	P	No
<b>Operator</b>	FINLEY RESOURCES, INC.		<b>Surface Owner-APD</b>	Shane and Gail Gardner Family Trust	
<b>Well Name</b>	Gardner 36-15B-3-2		<b>Unit</b>		
<b>Field</b>	UNDESIGNATED		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWSE 36 3S 2E U 1248 FSL 1030 FEL GPS Coord (UTM) 609580E 4447753N				

### Geologic Statement of Basis

Finley proposes to set 60' of conductor and 1,000' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 1,000'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement programs should adequately protect ground water in this area.

Brad Hill  
APD Evaluator

9/23/2014  
Date / Time

### Surface Statement of Basis

Location is proposed in a good location inside the spacing window. Access road enters the pad from the north. The landowner or its representative was in attendance for the pre-site inspection.

The soil type and topography at present do not combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions.

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location was not previously surveyed for cultural and paleontological resources ( as the operator saw fit). I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit.

Chris Jensen  
Onsite Evaluator

9/10/2014  
Date / Time

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

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.

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## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/28/2014

API NO. ASSIGNED: 43047547120000

WELL NAME: Gardner 36-15B-3-2

OPERATOR: FINLEY RESOURCES INC (N3460)

PHONE NUMBER: 435 650-3866

CONTACT: Don Hamilton

PROPOSED LOCATION: SWSE 36 030S 020E

Permit Tech Review: 

SURFACE: 1248 FSL 1030 FEL

Engineering Review: 

BOTTOM: 1248 FSL 1030 FEL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.17490

LONGITUDE: -109.71302

UTM SURF EASTINGS: 609580.00

NORTHINGS: 4447753.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: Patented

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - RLB0011264
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-11500
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause: 270-03
- Effective Date: 8/27/2014
- Siting: 460' Fr Shared Drl Unit/Lease Bdry
- R649-3-11. Directional Drill

Comments: Presite Completed  
IRR SEC:

Stipulations: 5 - Statement of Basis - bhill  
12 - Cement Volume (3) - hmacdonald  
23 - Spacing - dmason  
25 - Surface Casing - hmacdonald



GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. HAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Gardner 36-15B-3-2

**API Well Number:** 43047547120000

**Lease Number:** Patented

**Surface Owner:** FEE (PRIVATE)

**Approval Date:** 11/6/2014

### 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 Cause: 270-03. The expected producing formation or pool is the GREEN RIVER(LWR)-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

### 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:

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).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place lead cement from the pipe setting depth back to surface and tail to top of Green River as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

**Additional Approvals:**

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

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

**Notification Requirements:**

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

- Within 24 hours following the spudding of the well - contact Carol Daniels  
OR  
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website  
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program  
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

**Contact Information:**

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

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

**Reporting Requirements:**

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

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

- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "J. Rogers", written in a cursive style.

For John Rogers  
Associate Director, Oil & Gas

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

**OPERATOR: FINLEY RESOURCES, INC.      CONTRACTOR NAME: Pete Martin**

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

**WELL NAME/NUMBER: Gardner 36-15B-3-2**

**QTR/QTR: SWSE      SEC.: 36      T: 3S      R: 2 E**

**LEASE SN: FEE**

**API #: ~~43-047-54712~~**

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**LOCATION CONSTRUCTION START DATE: 11/22/14 (J.W.Wright)**

**LOCATION CONSTRUCTION FINISH DATE: 11/24/14**

**CONDUCTOR SPUD NOTICE: DATE: 11/24/14      TIME: 3:00PM**

**SURFACE SPUD NOTICE: DATE: 11/25/14      TIME: 3:00PM**

**SURFACE CSG.CEMENT NOTICE: DATE: 11/26/14 (EST.)      TIME: noonPM**

**REMARKS: This is a FEE well/surface and minerals. Notification of conductor hole spud and cement. Set 40' of 16" conductor and grout to surface on 11/25/14. Hole firm. RDUFA.**

**Reset Form**

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

AMENDED REPORT  FORM 8  
(highlight changes)

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME <b>Gardner</b>
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Gardner 36-15B-3-2</b>
2. NAME OF OPERATOR: <b>Finley Resources, Inc</b>		9. API NUMBER: <b>4304754712</b>
3. ADDRESS OF OPERATOR: <b>1308 Lake Street</b> CITY <b>Fort Worth</b> STATE <b>TX</b> ZIP <b>76102</b>		10 FIELD AND POOL, OR WILDCAT <b>Undesignated</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>1248 FSL , 1030 FEL</b>  AT TOP PRODUCING INTERVAL REPORTED BELOW: <b>1248 FSL , 1030 FEL</b>  AT TOTAL DEPTH: <b>1248 FSL , 1030 FEL</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSE 36 3 2E U</b>
		12. COUNTY <b>Uintah</b>
		13. STATE <b>UTAH</b>

14. DATE SPUDDED: <b>11/30/2014</b>	15. DATE T.D. REACHED: <b>12/8/2014</b>	16. DATE COMPLETED: <b>2/11/2015</b> ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): <b>4935 GL</b>
18. TOTAL DEPTH: MD <b>7,626</b> TVD <b>7,626</b>	19. PLUG BACK T.D.: MD <b>7,500</b> TVD <b>7,500</b>	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	
		21. DEPTH BRIDGE MD PLUG SET: TVD	

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) <b>Triple Combo</b>		23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	
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**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
12 1/4	8 5/8 J55	32		1,014		15.8 pp 720		surface	
7 7/8	5 1/2 N80	17		7,620		975		300	

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	7,295							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) GreenRiver/Wasat					5,563 7,340			Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5,563 - 7,340	8,409 bbl tot. fluid ; 770,000# of 20/40 mesh sand

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION	<input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS	<input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____	<input type="checkbox"/> DIRECTIONAL SURVEY	30. WELL STATUS:  <b>P</b>
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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 2/15/2015		TEST DATE: 2/20/2015		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 45	GAS - MCF: 0	WATER - BBL: 242	PROD. METHOD: Pump
CHOKE SIZE: 64/64	TBG. PRESS. 400	CSG. PRESS. 100	API GRAVITY 38.00	BTU - GAS 0	GAS/OIL RATIO 0	24 HR PRODUCTION RATES: →	OIL - BBL: 45	GAS - MCF: 0	WATER - BBL: 242	INTERVAL STATUS: Prod

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.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	2,879			Green River	2,879
Douglas Creek	6,126			Douglas Creek	6,126
Black Shale	6,644			Black Shale	6,644
Uteland Butte	7,138			Uteland Butte	7,138
Wasatch	7,241			Wasatch	7,241
TD	7,626			TD	7,626

34. FORMATION (Log) MARKERS:

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) James Terry TITLE Field Operations Engineer  
 SIGNATURE James Terry DATE 2/23/2015

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- 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  
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 Salt Lake City, Utah 84114-5801