API Well Number: 43047544870000

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

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
Gardner 36-10A-3-2

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

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)
Patented

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ◉

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ◉

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
Shane and Gail Gardner Family Trust

14. SURFACE OWNER PHONE (if box 12 = 'fee')
435-353-4289

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
1863 E Hwy 40, Roosevelt, UT 84066

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 ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1818 FSL 568 FEL	NWSE	36	3.0 S	2.0 E	U
Top of Uppermost Producing Zone	1818 FSL 568 FEL	NWSE	36	3.0 S	2.0 E	U
At Total Depth	1818 FSL 568 FEL	NWSE	36	3.0 S	2.0 E	U

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
568

23. NUMBER OF ACRES IN DRILLING UNIT
40

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
1345

26. PROPOSED DEPTH
MD: 8500 TVD: 8500

27. ELEVATION - GROUND LEVEL
4935

28. BOND NUMBER
RLB0011264

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
43-10988

Hole, Casing, and Cement Information

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	OTHER	245	3.1	11.0
							OTHER	1007	2.1	13.0

ATTACHMENTS

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

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Don Hamilton | **TITLE** Permitting Agent (Star Point Enterprises, Inc.) | **PHONE** 435 650-3866

SIGNATURE | **DATE** 06/16/2014 | **EMAIL** starpoint@etv.net

API NUMBER ASSIGNED
43047544870000

APPROVAL

Permit Manager

RECEIVED: August 20, 2014

Finley Resources, Inc.
Gardner 36-10A-3-2
Lot 3, Sec 36, T3S, R2E, U.S.B.&M.
Uintah County, UT

Drilling Program

1. Formation Tops

	TVD	MD
Uintah	Surface	Surface
Green River	2,925'	2,925'
Black Shale	6,678'	6,678'
Wasatch	7,269'	7,269'
TD	8,500'	8,500'

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

Black Shale	6,678' - 7,269'	(Oil)
Wasatch	7,269' - 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	0'	60'	48	H-40	STC	--	--	--	1,730	770	322,000
13 3/8									--	--	--
Surface	0'	1,000'	24	J-55	STC	8.33	8.6	11	2,950	1,370	244,000
8 5/8									5.80	4.12	10.17
Production	0'	8,500'	17	N-80	LTC	9	9.2	11	7,740	6,280	348,000
5 1/2									2.47	1.95	2.41

RECEIVED: August 19, 2014

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^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	48 / 41	15%	15.8	1.17
Surface Lead	12 1/4	700'	Class G w/ 2% KCl + 0.25 lbs/sk Flocele	578 / 502	100%	15.8	1.15
Surface Tail	12 1/4	300'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	392 / 335	100%	15.8	1.17
Production Lead	7 7/8	3,500'	Econocem-1# granulite+.25# polyflake	758 / 245	25%	11.0	3.10
Production Tail	7 7/8	5,000'	Econocem- .95%bw HR-5+.125# polyflake	2114 / 1007	25%	13.0	2.10

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 - 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.

RECEIVED: August 19, 2014

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' x 0.47 psi/ft = 3978 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

This is planned as a vertical we

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:

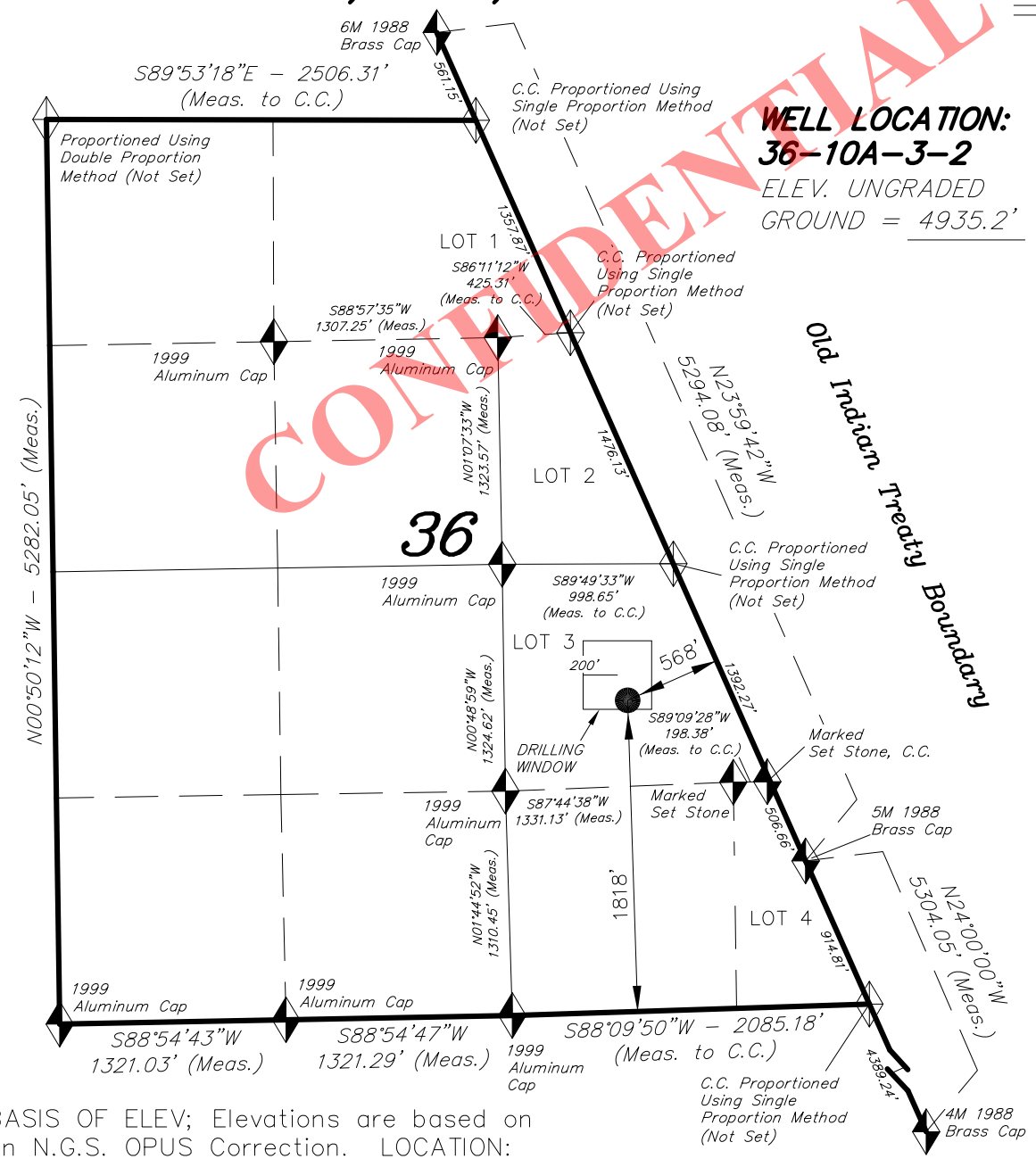
Finley Resources, Inc. respectfully requests a variance to Onshore Order #2, III.E.1

- 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.

RECEIVED: August 19, 2014

API Well Number: 43047544870000

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



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'

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°10'35.10"
LONGITUDE = 109°42'53.97"

FINLEY RESOURCES INC.

WELL LOCATION, 36–10A–3–2, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 (LOT 3) OF SECTION 36, T3S, R2E, U.S.B.&M. UINTAH COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

NOTES:

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

N

= 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.

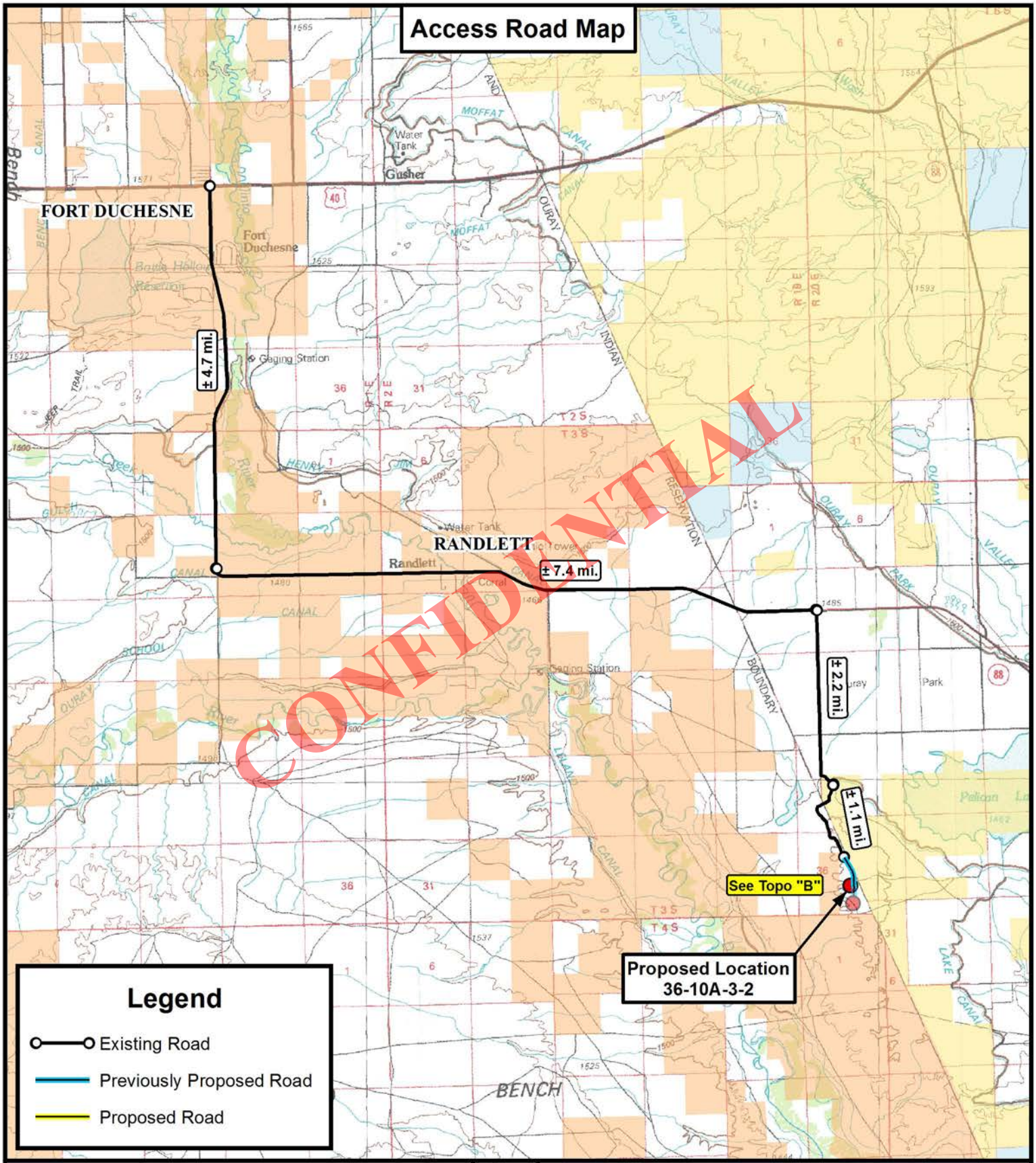
REGISTERED LAND SURVEYOR No.189377 03-28-14 STACY W. STEWART STATE OF UTAH

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: 02–20–14	SURVEYED BY: Q.M.
DATE DRAWN: 03–28–14	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

RECEIVED: June 16, 2014

API Well Number: 43047544870000



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

FINLEY RESOURCES INC.

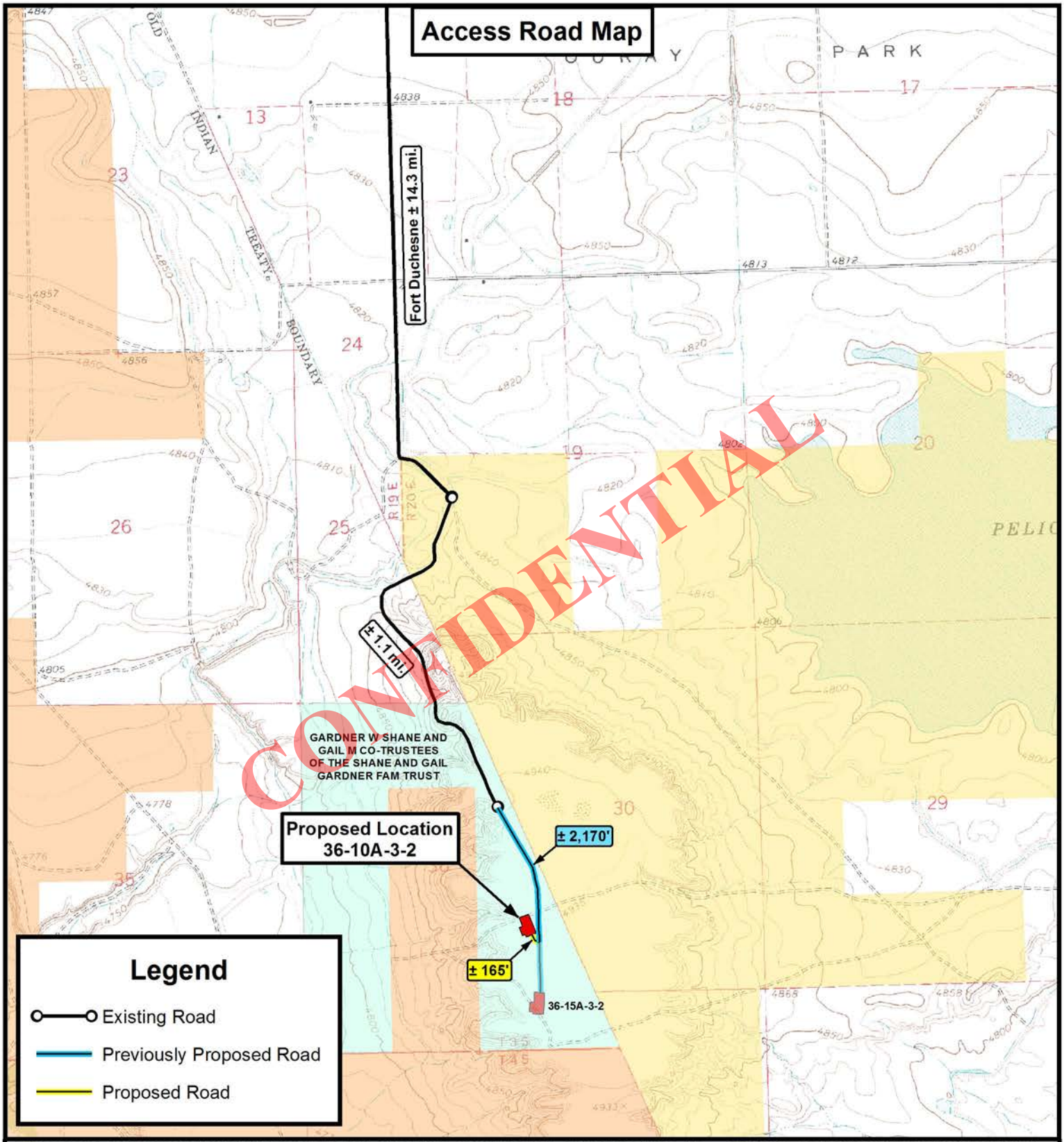
36-10A-3-2
Sec. 36, T3S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:
DATE:	04-21-2014	
SCALE:	1:100,000	

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43047544870000



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

N

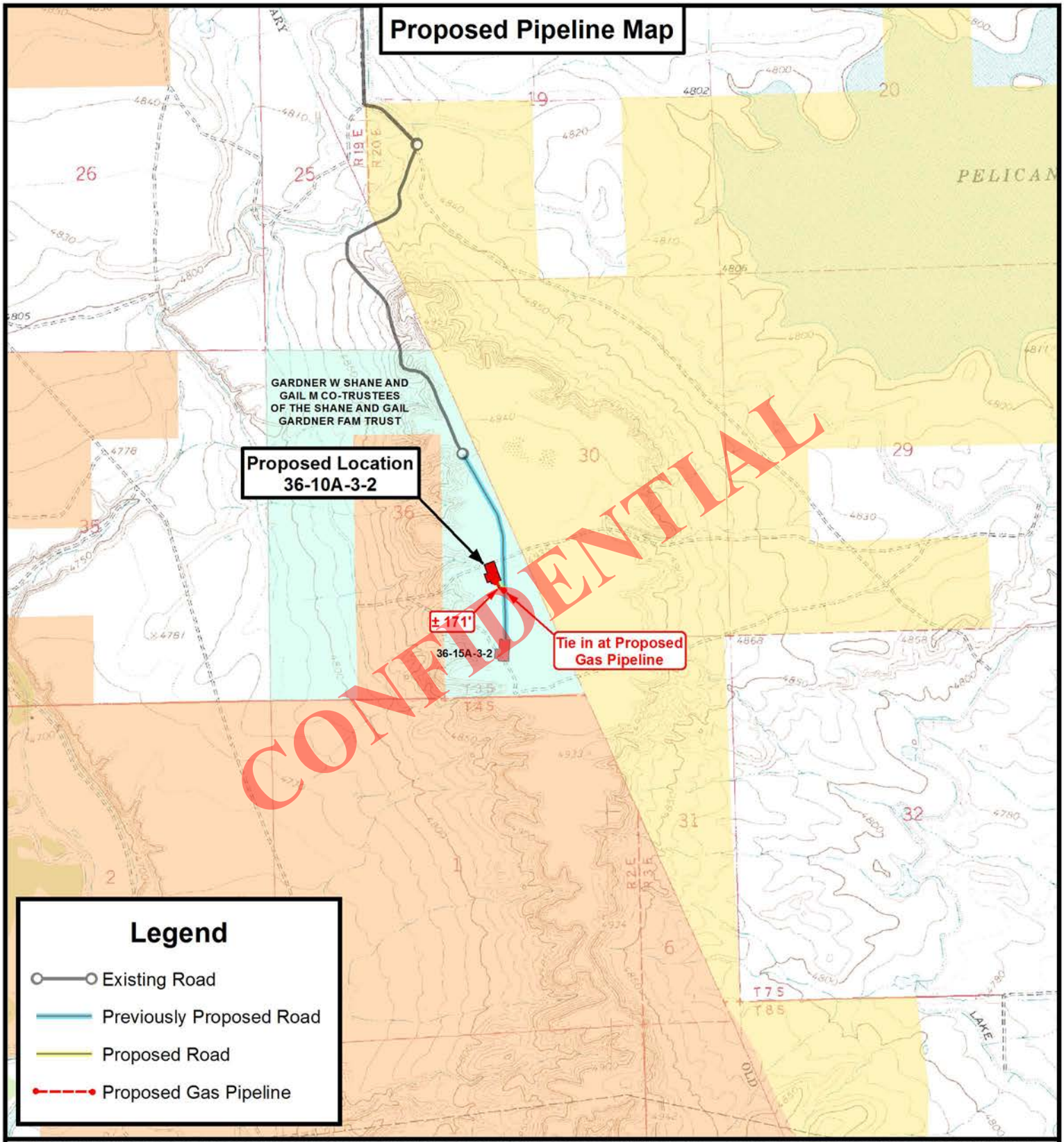
FINLEY RESOURCES INC.
36-10A-3-2
Sec. 36, T3S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:
DATE:	04-21-2014	
SCALE:	1 " = 2,000 '	

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43047544870000



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

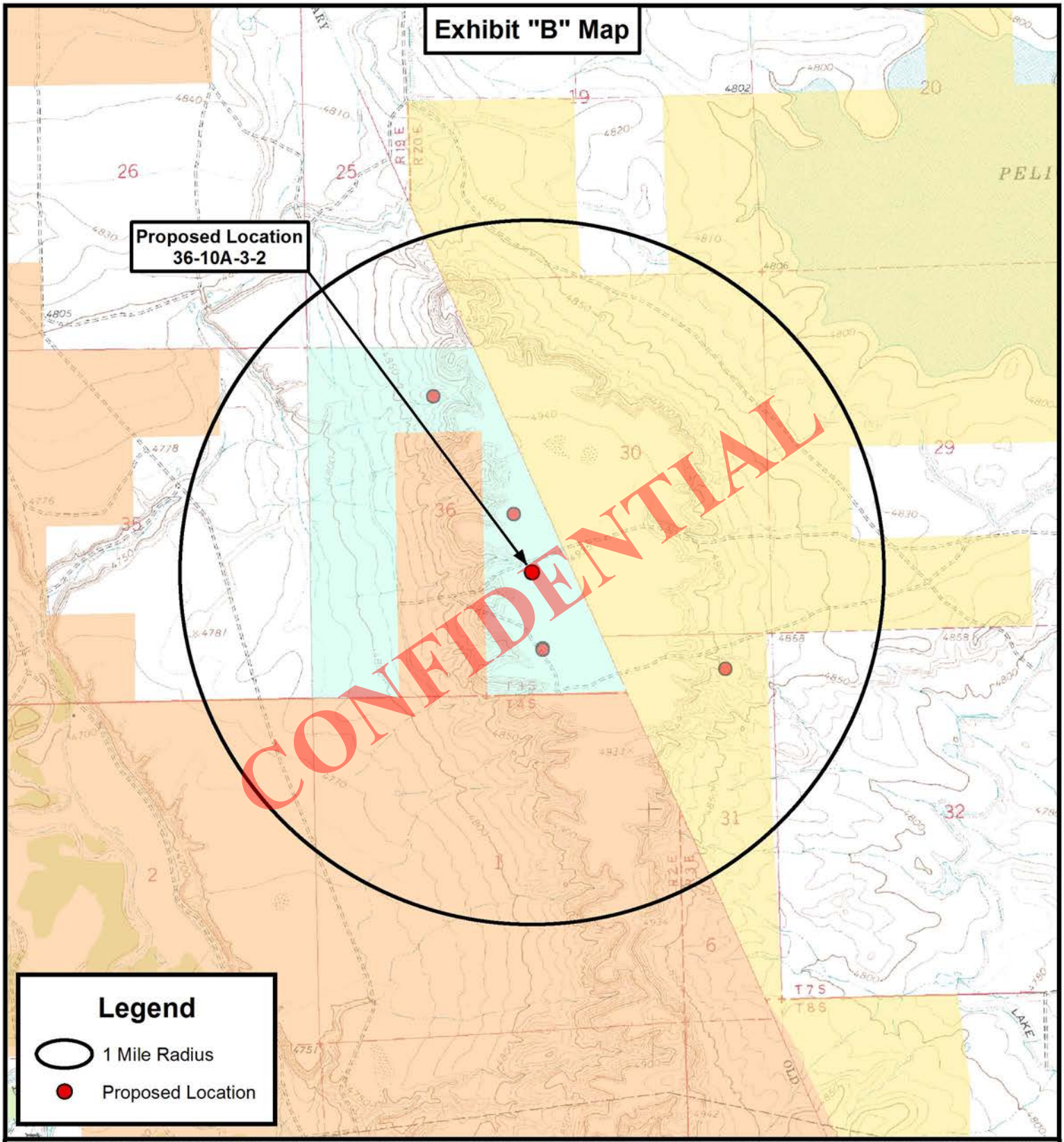
FINLEY RESOURCES INC.
36-10A-3-2
Sec. 36, T3S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:
DATE:	04-21-2014	
SCALE:	1 " = 2,000 '	

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43047544870000



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

FINLEY RESOURCES INC.
36-10A-3-2
Sec. 36, T3S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:
DATE:	04-21-2014	
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.

Scott Ramsey, Land Manager
Finley Resources Inc.

ACKNOWLEDGEMENT

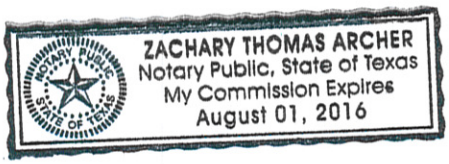
STATE OF TEXAS §

COUNTY OF TARRANT §

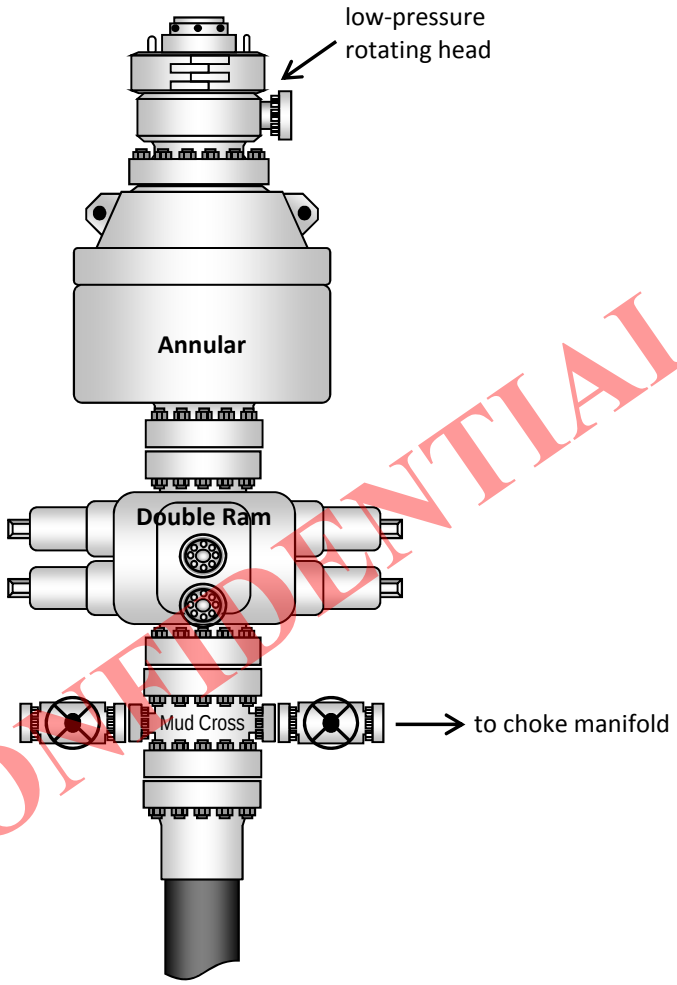
Before me the undersigned, a Notary Public, in and for said County and State, on this 11th day of June, 2014, personally appeared Scott Ramsey, as Land Manager, of Finley Resources Inc., to me known to be the identical person who subscribed the name of the maker therefore to the foregoing instrument, 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: 8.1.2016

[SEAL]



Typical 3M BOP stack configuration



RECEIVED: August 11, 2014

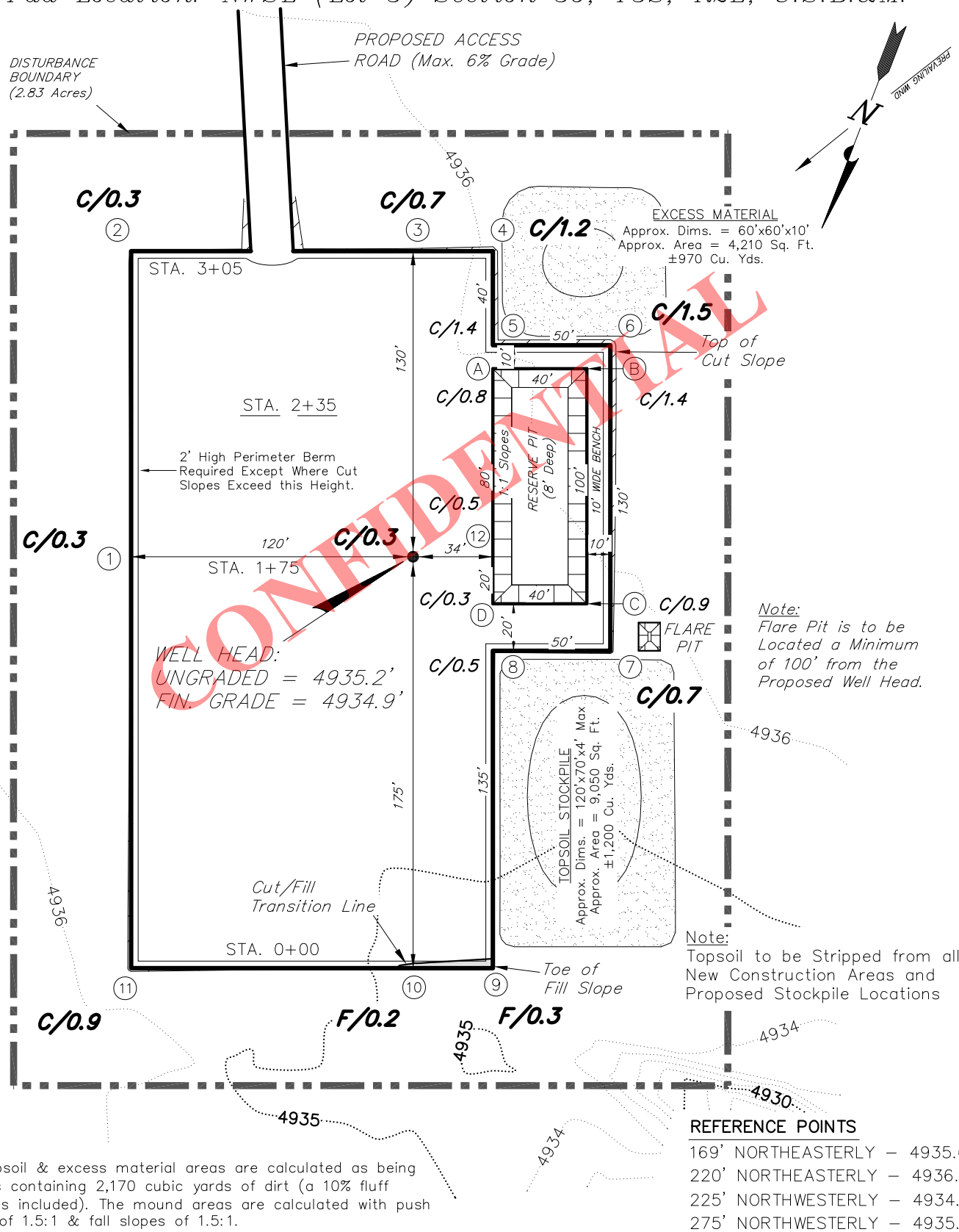
API Well Number: 43047544870000

FINLEY RESOURCES INC.

PROPOSED LOCATION LAYOUT

36-10A-3-2

Pad Location: NWSE (Lot 3) Section 36, T3S, R2E, U.S.B.&M.



CONFIDENTIAL

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

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 2,170 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.

REFERENCE POINTS

169' NORTHEASTERLY – 4935.6'
220' NORTHEASTERLY – 4936.0'
225' NORTHWESTERLY – 4934.7'
275' NORTHWESTERLY – 4935.4'

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-20-14
DRAWN BY:	M.W.	DATE DRAWN:	03-28-14
SCALE:	1" = 60'	REVISED:	

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

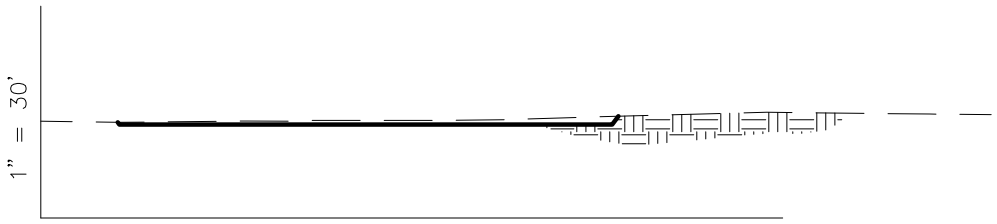
RECEIVED: June 16, 2014

FINLEY RESOURCES INC.

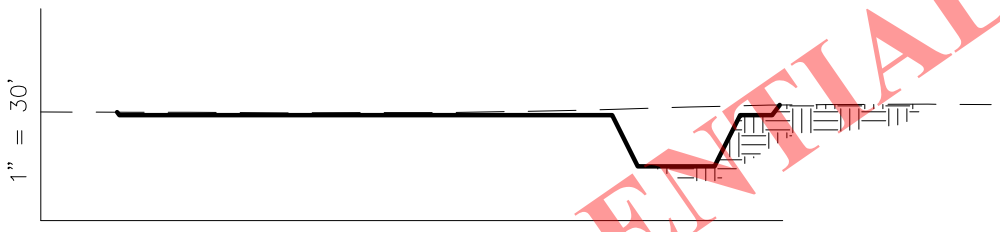
CROSS SECTIONS

36-10A-3-2

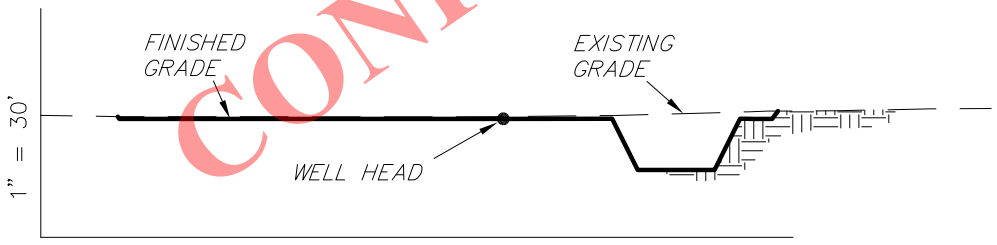
Pad Location: NWSE (Lot 3) Section 36, T3S, R2E, U.S.B.&M.



STA. 3+05



STA. 2+35



STA. 1+75

STA. 0+00

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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	220	220	Topsoil is not included in Pad Cut Volume	0
PIT	880	0		880
TOTALS	1,100	220	1,090	880

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-20-14
DRAWN BY:	M.W.	DATE DRAWN:	03-28-14
SCALE:	1" = 60'	REVISED:	

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

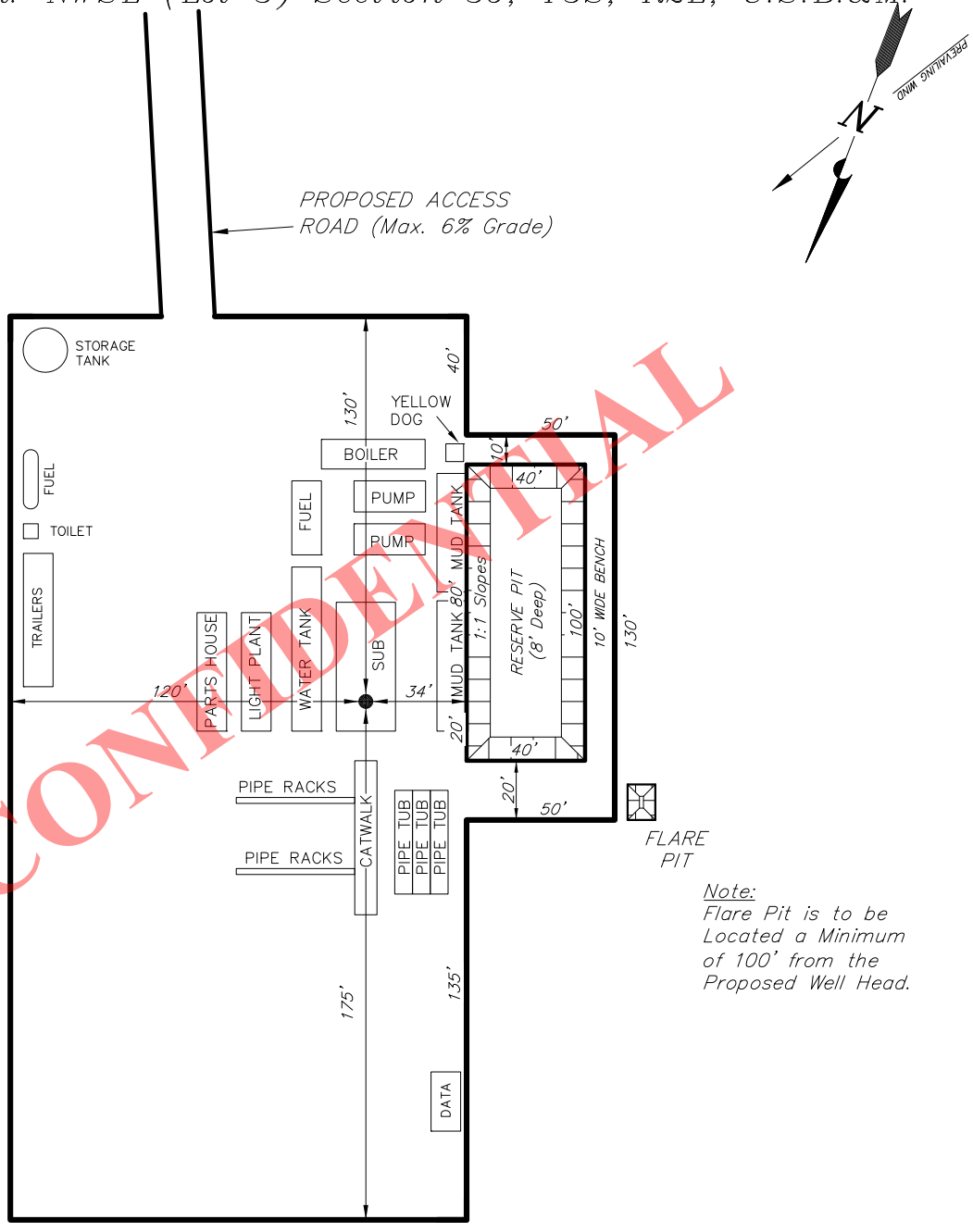
RECEIVED: June 16, 2014

FINLEY RESOURCES INC.

TYPICAL RIG LAYOUT

36-10A-3-2

Pad Location: NWSE (Lot 3) Section 36, T3S, R2E, U.S.B.&M.



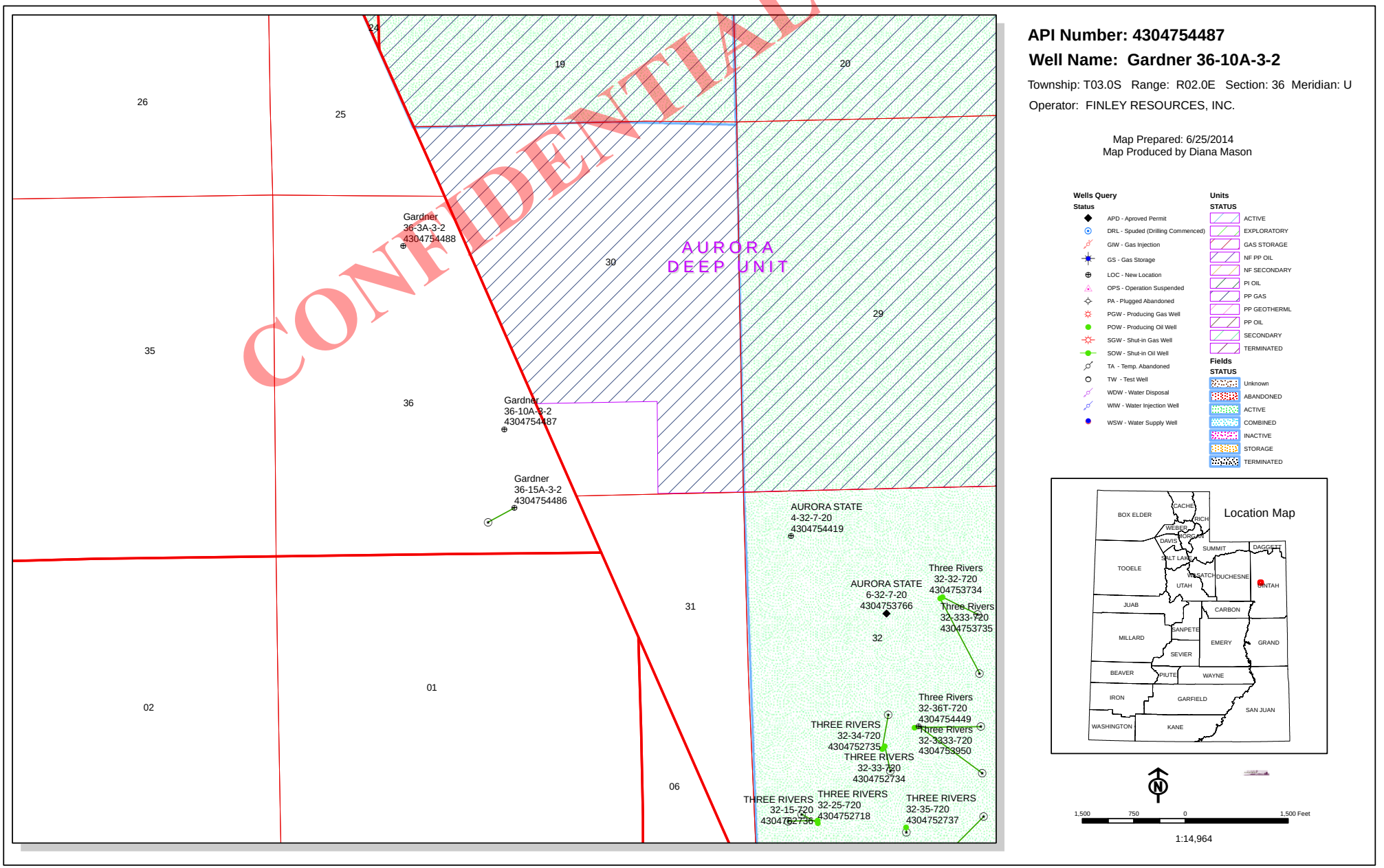
Note:
Flare Pit is to be Located a Minimum of 100' from the Proposed Well Head.

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-20-14
DRAWN BY:	M.W.	DATE DRAWN:	03-28-14
SCALE:	1" = 60'	REVISED:	

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

RECEIVED: June 16, 2014

API Well Number: 43047544870000



API Number: 4304754487

Well Name: Gardner 36-10A-3-2

Township: T03.0S Range: R02.0E Section: 36 Meridian: U

Operator: FINLEY RESOURCES, INC.

Map Prepared: 6/25/2014
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

1,500 750 0 1,500 Feet

1:14,964

RECEIVED: June 25, 2014

API Well Number: 43047544870000

BOPE REVIEW FINLEY RESOURCES INC Gardner 36-10A-3-2 43047544870000

Well Name	FINLEY RESOURCES INC Gardner 36-10A-3-2 43047544870000			
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	

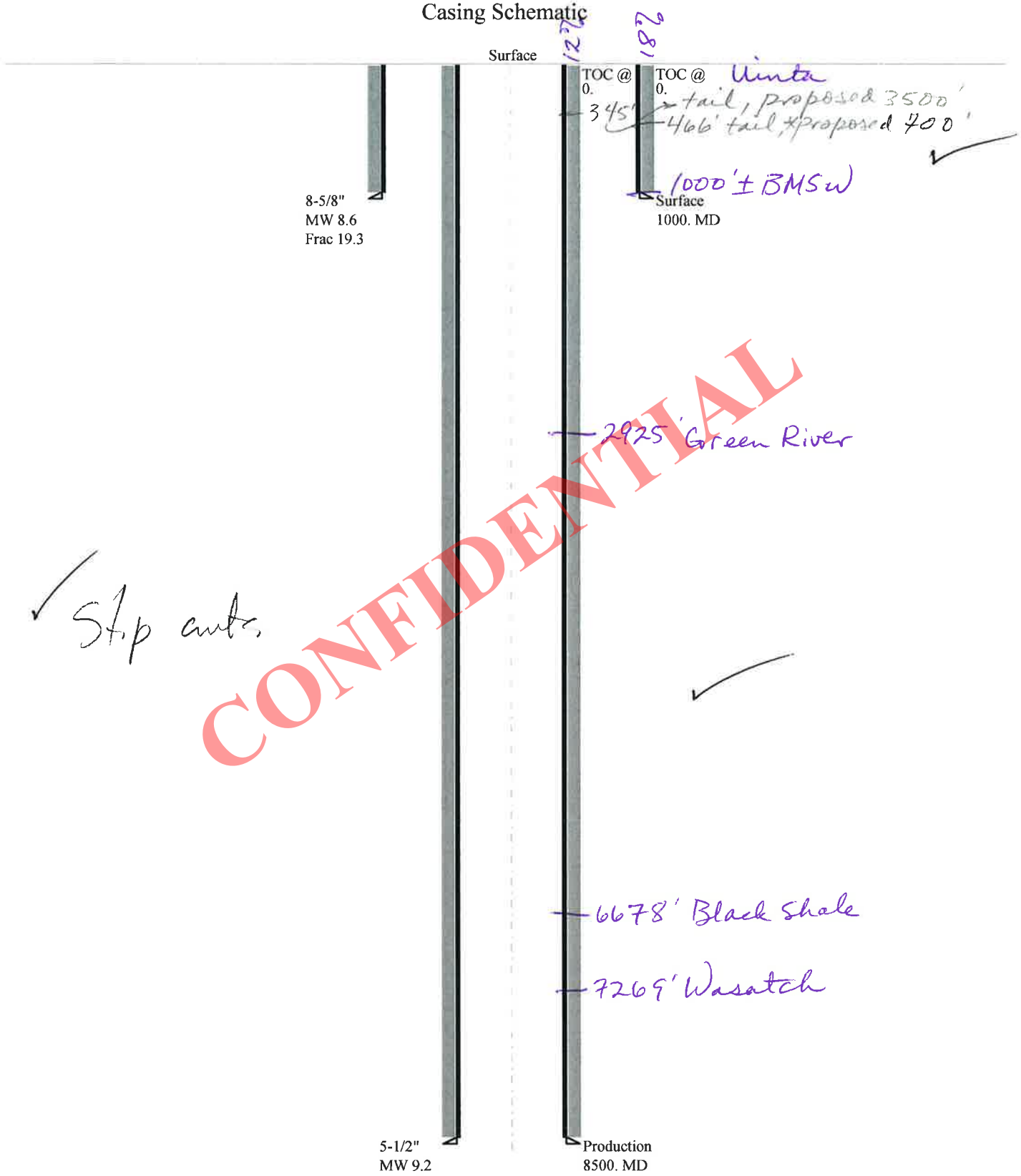
Calculations	PROD String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	4066		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3046	NO	3M BOP, two ram preventers, annular preventer, choke
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2196	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	

RECEIVED: August 19, 2014

43047544870000 Gardner 36-10A-3-2

Casing Schematic



API Well Number: 43047544870000

Well name:	**43047544870000 Gardner 36-10A-3-2**
Operator:	**FINLEY RESOURCES INC**
String type:	Surface
Project ID:	43-047-54487
Location:	UINTAH COUNTY

Design parameters:

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

Burst
Max anticipated surface pressure: 977 psi
Internal gradient: 0.023 psi/ft
Calculated BHP 1,000 psi
Gas gravity: 0.60
No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

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

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

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

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: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5148

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	1000	2950	2.95	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: August 19,2014
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.

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

API Well Number: 43047544870000

Well name:	**43047544870000 Gardner 36-10A-3-2**
Operator:	**FINLEY RESOURCES INC**
String type:	Production
Project ID:	43-047-54487
Location:	UINTAH COUNTY

Design parameters:

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

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

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

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

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

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

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	8500	5.5	17.00	N-80	LT&C	8500	8500	4.767	47909

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: August 18,2014
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.

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

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	FINLEY RESOURCES, INC.								
Well Name	Gardner 36-10A-3-2								
API Number	43047544870000	**APD No**	9866	**Field/Unit**	UNDESIGNATED				
Location: 1/4,1/4	NWSE	**Sec**	36	**Tw**	3.0S	**Rng**	2.0E	1818 FSL	568 FEL
GPS Coord (UTM)		**Surface Owner**	Shane and Gail Gardner Family Trust						

Participants

J. Burns - StarPoint ; J. Simonton - Finley Resources ; D. Slaugh - Tristate

Regional/Local Setting & Topography

This location is on a bench or large ridge like feature above and between the Duchesne River floodplain and the low lands surrounding Pelican lake. The lake is found one mile northeast. Mr Gardners property is on the West side of the Indian treaty Boundary line and fence. The soil is very gravelly and the bench is currently being excavated and sorted for the gravel resource. Most of his property in this section is disturbed and no natural vegetation is growing. Disturbed lands are not habitat for wildlife. Operator has plans for 4 wells on or very near the gravel pit on Mr Gardners property

Surface Use Plan

Current Surface Use
Industrial
Mining

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

Ancillary Facilities

Waste Management Plan Adequate?

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;
no natural vegetation....Cheatgrass
Wildlife;
disturbed land is not habitat for wildlife species

Soil Type and Characteristics

gravels with light colored sands

RECEIVED: August 20, 2014

API Well Number: 43047544870000

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	High permeability	20	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	30	1 Sensitivity Level

Characteristics / Requirements

Pit to be dug to a depth of 8'. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. 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

This is the end of a gravel pit that has yet to be dug

Chris Jensen	7/16/2014
Evaluator	**Date / Time**

RECEIVED: August 20, 2014

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
9866	43047544870000	LOCKED	OW	P	No

Operator	FINLEY RESOURCES, INC.	**Surface Owner-APD**	Shane and Gail Gardner Family Trust
Well Name	Gardner 36-10A-3-2	**Unit**	
Field	UNDESIGNATED	**Type of Work**	DRILL
Location	NWSE 36 3S 2E U 1818 FSL 568 FEL GPS Coord (UTM) 609408E 4448127N		

Geologic Statement of Basis

Finley proposes to set 60' of conductor and 850' 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 surface casing should be extended to cover the base of the moderately saline ground water.

Brad Hill — **APD Evaluator**

7/22/2014 — **Date / Time**

Surface Statement of Basis

Location is proposed in a good location within the spacing window. Access road enters the pad from the North. The landowner was not 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**

7/16/2014 — **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.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: August 20, 2014

API Well Number: 43047544870000

RECEIVED: August 20, 2014

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/16/2014
API NO. ASSIGNED: 43047544870000
WELL NAME: Gardner 36-10A-3-2
OPERATOR: FINLEY RESOURCES INC (N3460)
PHONE NUMBER: 435 650-3866
CONTACT: Don Hamilton

PROPOSED LOCATION: NWSE 36 030S 020E
Permit Tech Review: ☑

SURFACE: 1818 FSL 0568 FEL
Engineering Review: ☑

BOTTOM: 1818 FSL 0568 FEL
Geology Review: ☑

COUNTY: UINTAH
LATITUDE: 40.17829
LONGITUDE: -109.71497
UTM SURF EASTINGS: 609408.00
NORTHINGS: 4448127.00
FIELD NAME: UNDESIGNATED
LEASE TYPE: 4 - Fee
LEASE NUMBER: Patented
PROPOSED PRODUCING FORMATION(S): 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:** 43-10988
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: R649-3-2
Effective Date:
Siting:

- ☐ **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

RECEIVED: August 20, 2014

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. BAZA
Division Director

Permit To Drill
****

Well Name: Gardner 36-10A-3-2
API Well Number: 43047544870000
Lease Number: Patented
Surface Owner: FEE (PRIVATE)
Approval Date: 8/20/2014

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 R649-3-2. 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

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 cement to 3500' 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:

For John Rogers
Associate Director, Oil & Gas

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Gardner 36-10A-3-2

2. NAME OF OPERATOR:
FINLEY RESOURCES INC

9. API NUMBER:
43047544870000

3. ADDRESS OF OPERATOR:
PO Box 2200 , Fort Worth, TX, 76113

PHONE NUMBER:
817 231-8735 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1818 FSL 0568 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 36 Township: 03.0S Range: 02.0E 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		
✓ NOTICE OF INTENT Approximate date work will start: 9/12/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Finley Resources, Inc. respectfully requests that the referenced well be changed from a vertical well (8,500' MD/TVD) to a directional well (8,273' MD / 8269' TVD) with bottom hole location 1968' FSL & 463' FEL, Lot 3, Section 36, T3S, R2E, USB&M. Sundry updated to reflect this.Attached please find an updated plat package, drilling plan, directional plan and exception to spacing and directional drilling letters reflecting these changes.

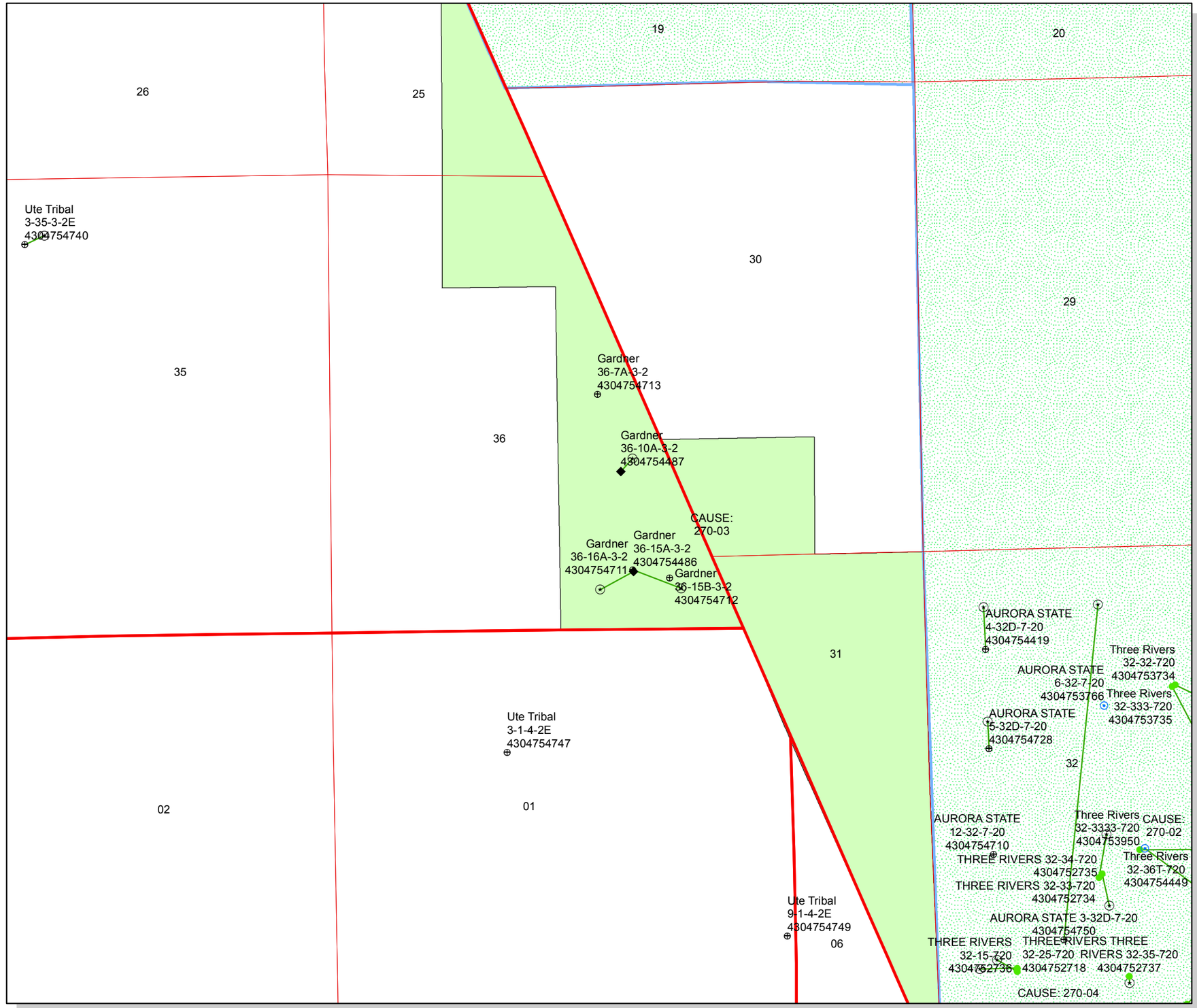
Approved by the
October 07, 2014
Oil, Gas and Mining

Date:

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 650-3866	Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE		**DATE**
N/A		8/28/2014

RECEIVED: Aug. 28, 2014



API Number:43-047-54487

Well Name: Gardner 36-10A-3-2

Township: 3S Range: 2E Section: 36 Meridian: USM

Operator: Finley Resources, Inc.

Map Prepared: Sept 24, 2014
Map Produced by Lisha Cordova

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

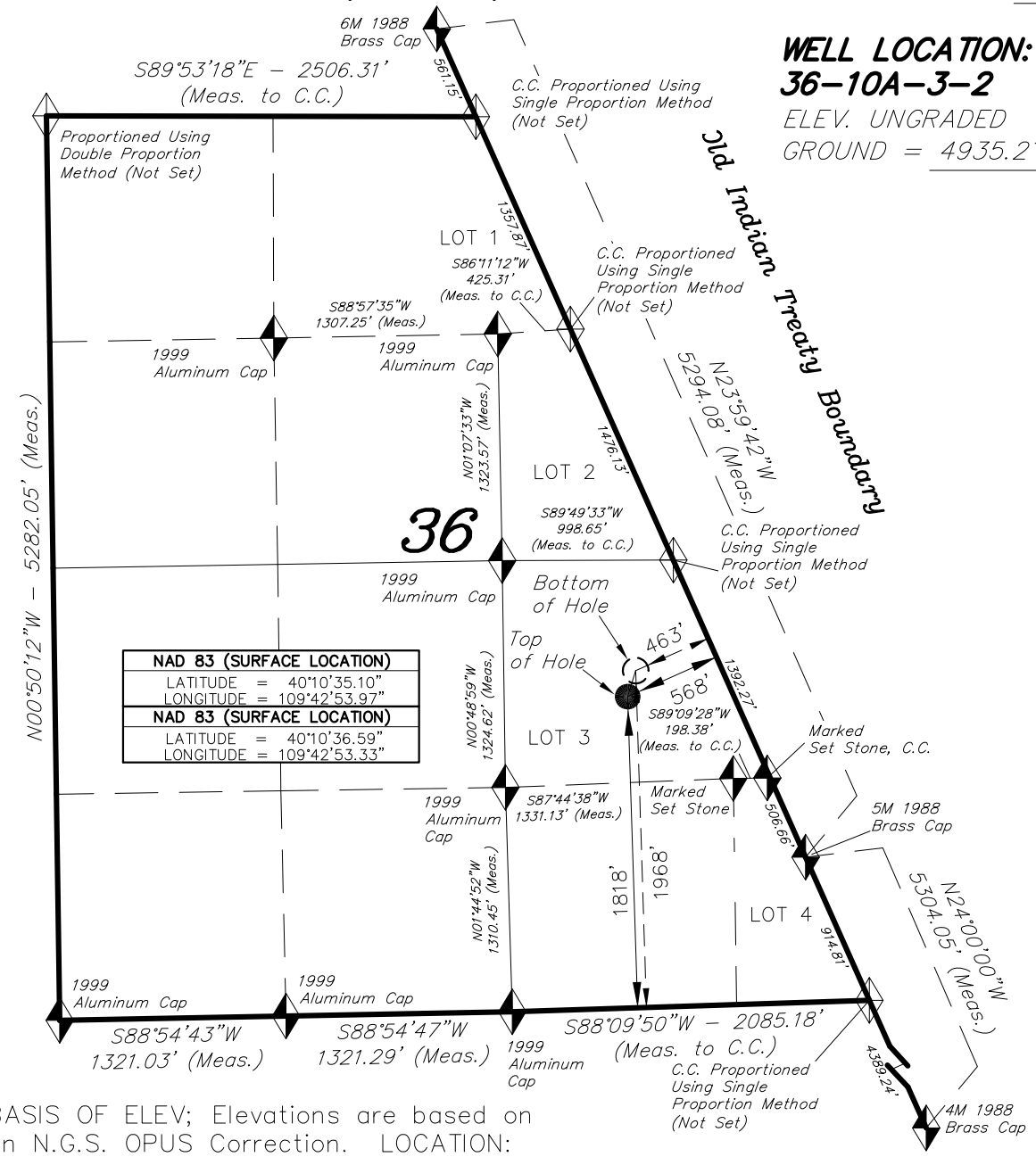
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

1,400 700 0 1,400 Feet

1:14,248

RECEIVED: Sep. 24, 2014

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



WELL LOCATION:
36–10A–3–2
ELEV. UNGRADED GROUND = 4935.2'

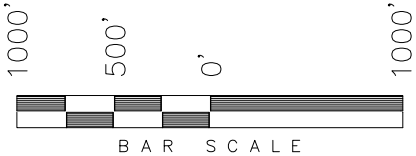
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

= SECTION CORNERS LOCATED

FINLEY RESOURCES INC.

WELL LOCATION, 36–10A–3–2, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 (LOT 3) OF SECTION 36, T3S, R2E, U.S.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, 36–10A–3–2, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 (LOT 3) 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.
2. The Bottom of Hole bears N17°08'06"E 158.97' from the Top of Hole.

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 08-07-14 STACY W. STEWART STATE OF UTAH

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: 02–20–14	SURVEYED BY: Q.M.
DATE DRAWN: 03–28–14	DRAWN BY: M.W.
REVISED: 08–07–14 M.W.	SCALE: 1" = 1000'

RECEIVED: Sep. 10, 2014

Finley Resources, Inc.
Gardner 36-10A-3-2
Lot 3, Sec 36, T3S, R2E, U.S.B.&M.
Uintah County, UT

Drilling Program

1. Formation Tops

	MD	TVD
Uintah	Surface	Surface
Green River	2,927'	2,925'
Black Shale	6,682'	6,678'
Wasatch	7,273'	7,269'
TD	8,273'	8,269'

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

Black Shale	6,682' - 7,273'	(Oil)
Wasatch	7,273' - 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	0'	60'	48	H-40	STC	--	--	--	1,730	770	322,000
13 3/8									--	--	--
Surface	0'	1,000'	24	J-55	STC	8.33	8.6	11	2,950	1,370	244,000
8 5/8									5.80	4.12	10.17
Production	0'	8,273'	17	N-80	LTC	9	9.2	11	7,740	6,280	348,000
5 1/2									2.54	2.01	2.47

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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^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	48 / 41	15%	15.8	1.17
Surface Lead	12 1/4	700'	Class G w/ 2% KCl + 0.25 lbs/sk Flocele	578 / 502	100%	15.8	1.15
Surface Tail	12 1/4	300'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	392 / 335	100%	15.8	1.17
Production Lead	7 7/8	3,500'	Econocem-1# granulite+.25# polyflake	758 / 245	25%	11.0	3.10
Production Tail	7 7/8	4,773'	Econocem- .95%bw HR-5+.125# polyflake	2018 / 961	25%	13.0	2.10

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 - 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.

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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.

8,273' x 0.47 psi/ft = 3872 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

This is planned as a vertical we

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.

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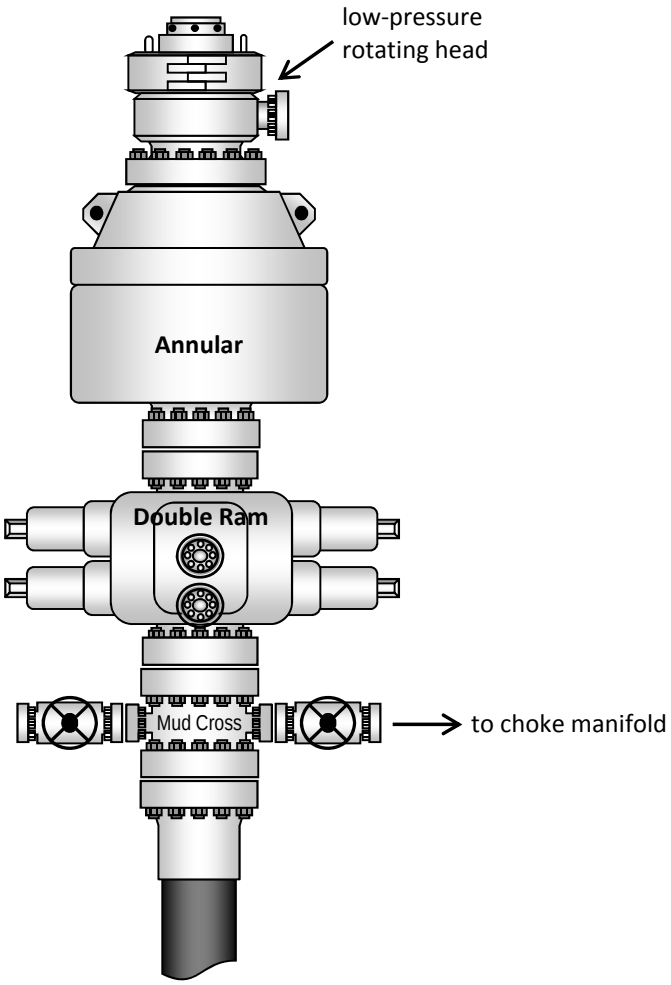
Typical 3M BOP stack configuration



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Finley Resources, Inc.

Uintah County, UT
Section 36-T3S-R2E NW 1/4 SE 1/4
36-10A-3-2

Three Rivers

Plan: Design #1

Standard Planning Report

27 August, 2014

RECEIVED: Sep. 10, 2014

Finley Resources, Inc.
36-10A-3-2
Uintah County, UT

CRESCENT DIRECTIONAL DRILLING

Geodetic System: US State Plane 1983
Zone: Utah Central Zone
WELL @ 4948.0usft
Ground Level: 4935.0
Latitude: 40° 10' 35.100 N
Longitude: 109° 42' 53.970 W
Magnetic North is 10.78° East of True North (Magnetic Declination)

T M

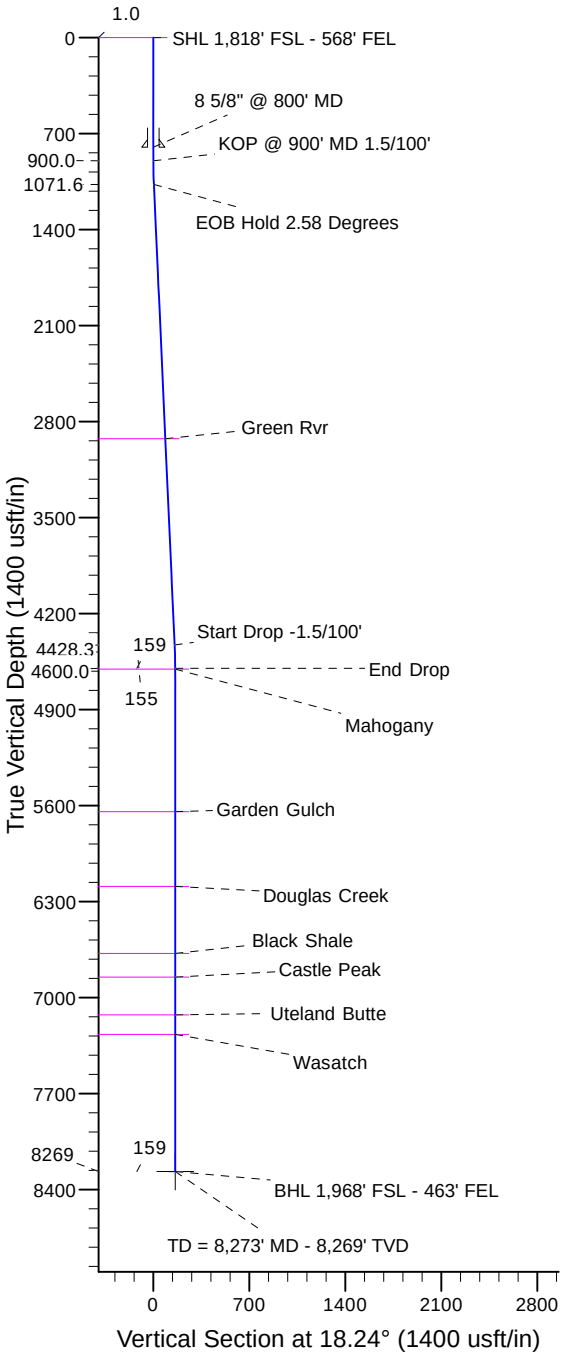
Azimuths to True North
Magnetic North: 10.78°

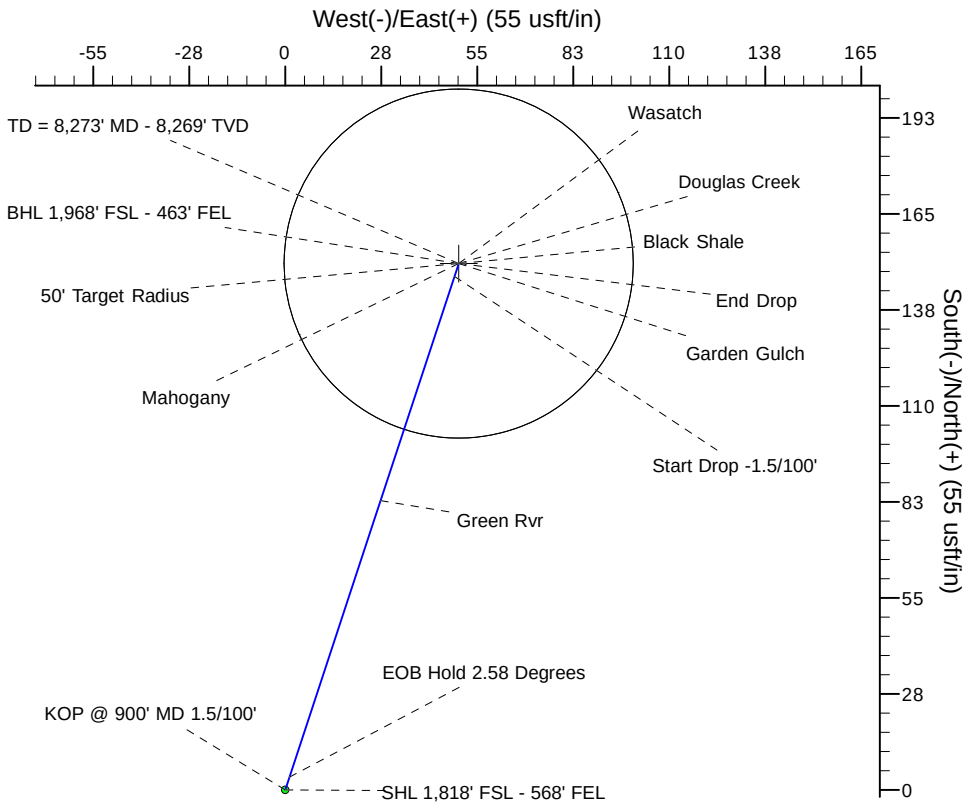
Magnetic Field
Strength: 52077.5snT
Dip Angle: 65.89°
Date: 8/27/2014
Model: IGRF2010

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.0
1071.7	2.58	18.24	1071.7	3.7	1.2	1.50	18.24	3.9
4431.8	2.58	18.24	4428.3	147.1	48.5	0.00	0.00	154.9
4603.5	0.00	0.00	4600.0	150.8	49.7	1.50	180.00	158.7
8272.5	0.00	0.00	8269.0	150.8	49.7	0.00	0.00	158.7

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
0.0	0.0	Uintah
2925.0	2926.9	Green Rvr
4605.0	4608.5	Mahogany
5645.0	5648.5	Garden Gulch
6190.0	6193.5	Douglas Creek
6678.0	6681.5	Black Shale
6851.0	6854.5	Castle Peak
7126.0	7129.5	Uteland Butte
7269.0	7272.5	Wasatch





Plan: Design #1 (36-10A-3-2/Three Rivers)

Created By:	Mike Kirby	Date:	14:26, August 27 2014
Checked:		Date:	
Reviewed:		Date:	
Approved:	x	Date:	x

RECEIVED: Sep. 10, 2014

Planning Report

Database:	Rocky Mountain R5000 Database	**Local Co-ordinate Reference:**	Well 36-10A-3-2
Company:	Finley Resources, Inc.	**TVD Reference:**	WELL @ 4948.0usft
Project:	Uintah County, UT	**MD Reference:**	WELL @ 4948.0usft
Site:	Section 36-T3S-R2E NW 1/4 SE 1/4	**North Reference:**	True
Well:	36-10A-3-2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Three Rivers		
Design:	Design #1		

Project	Uintah County, UT		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Section 36-T3S-R2E NW 1/4 SE 1/4				
Site Position:		**Northing:**	7,237,961.61 usft	**Latitude:**	40° 10' 35.100 N
From:	Lat/Long	**Easting:**	2,139,145.89 usft	**Longitude:**	109° 42' 53.970 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.14 °

Well	36-10A-3-2					
Well Position	**+N/-S**	0.0 usft	**Northing:**	7,237,961.61 usft	**Latitude:**	40° 10' 35.100 N
	+E/-W	0.0 usft	**Easting:**	2,139,145.89 usft	**Longitude:**	109° 42' 53.970 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	4,948.0 usft	**Ground Level:**	4,935.0 usft

Wellbore	Three Rivers				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	8/27/2014	10.78	65.89	52,078

Design	Design #1			
Audit Notes:				
Version:	**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.0	0.0	0.0	18.24

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,071.7	2.58	18.24	1,071.7	3.7	1.2	1.50	1.50	0.00	18.24	
4,431.8	2.58	18.24	4,428.3	147.1	48.5	0.00	0.00	0.00	0.00	
4,603.5	0.00	0.00	4,600.0	150.8	49.7	1.50	-1.50	0.00	180.00	
8,272.5	0.00	0.00	8,269.0	150.8	49.7	0.00	0.00	0.00	0.00	

Planning Report

Database:	Rocky Mountain R5000 Database	**Local Co-ordinate Reference:**	Well 36-10A-3-2
Company:	Finley Resources, Inc.	**TVD Reference:**	WELL @ 4948.0usft
Project:	Uintah County, UT	**MD Reference:**	WELL @ 4948.0usft
Site:	Section 36-T3S-R2E NW 1/4 SE 1/4	**North Reference:**	True
Well:	36-10A-3-2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Three Rivers		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Uintah									
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 1,818' FSL - 568' FEL									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
8 5/8" @ 800' MD									
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP @ 900' MD 1.5/100'									
1,000.0	1.50	18.24	1,000.0	1.2	0.4	1.3	1.50	1.50	0.00
1,071.7	2.58	18.24	1,071.6	3.7	1.2	3.9	1.50	1.50	0.00
EOB Hold 2.58 Degrees									
1,100.0	2.58	18.24	1,099.9	4.9	1.6	5.1	0.00	0.00	0.00
1,200.0	2.58	18.24	1,199.8	9.1	3.0	9.6	0.00	0.00	0.00
1,300.0	2.58	18.24	1,299.7	13.4	4.4	14.1	0.00	0.00	0.00
1,400.0	2.58	18.24	1,399.6	17.7	5.8	18.6	0.00	0.00	0.00
1,500.0	2.58	18.24	1,499.5	21.9	7.2	23.1	0.00	0.00	0.00
1,600.0	2.58	18.24	1,599.4	26.2	8.6	27.6	0.00	0.00	0.00
1,700.0	2.58	18.24	1,699.3	30.5	10.0	32.1	0.00	0.00	0.00
1,800.0	2.58	18.24	1,799.2	34.8	11.5	36.6	0.00	0.00	0.00
1,900.0	2.58	18.24	1,899.1	39.0	12.9	41.1	0.00	0.00	0.00
2,000.0	2.58	18.24	1,999.0	43.3	14.3	45.6	0.00	0.00	0.00
2,100.0	2.58	18.24	2,098.9	47.6	15.7	50.1	0.00	0.00	0.00
2,200.0	2.58	18.24	2,198.8	51.8	17.1	54.6	0.00	0.00	0.00
2,300.0	2.58	18.24	2,298.7	56.1	18.5	59.1	0.00	0.00	0.00
2,400.0	2.58	18.24	2,398.6	60.4	19.9	63.6	0.00	0.00	0.00
2,500.0	2.58	18.24	2,498.5	64.6	21.3	68.1	0.00	0.00	0.00
2,600.0	2.58	18.24	2,598.4	68.9	22.7	72.5	0.00	0.00	0.00
2,700.0	2.58	18.24	2,698.3	73.2	24.1	77.0	0.00	0.00	0.00
2,800.0	2.58	18.24	2,798.2	77.4	25.5	81.5	0.00	0.00	0.00
2,900.0	2.58	18.24	2,898.1	81.7	26.9	86.0	0.00	0.00	0.00
2,926.9	2.58	18.24	2,925.0	82.9	27.3	87.2	0.00	0.00	0.00
Green Rvr									
3,000.0	2.58	18.24	2,998.0	86.0	28.3	90.5	0.00	0.00	0.00
3,100.0	2.58	18.24	3,097.9	90.2	29.7	95.0	0.00	0.00	0.00
3,200.0	2.58	18.24	3,197.8	94.5	31.1	99.5	0.00	0.00	0.00
3,300.0	2.58	18.24	3,297.7	98.8	32.5	104.0	0.00	0.00	0.00
3,400.0	2.58	18.24	3,397.6	103.1	34.0	108.5	0.00	0.00	0.00
3,500.0	2.58	18.24	3,497.5	107.3	35.4	113.0	0.00	0.00	0.00
3,600.0	2.58	18.24	3,597.4	111.6	36.8	117.5	0.00	0.00	0.00
3,700.0	2.58	18.24	3,697.3	115.9	38.2	122.0	0.00	0.00	0.00
3,800.0	2.58	18.24	3,797.2	120.1	39.6	126.5	0.00	0.00	0.00
3,900.0	2.58	18.24	3,897.1	124.4	41.0	131.0	0.00	0.00	0.00
4,000.0	2.58	18.24	3,997.0	128.7	42.4	135.5	0.00	0.00	0.00
4,100.0	2.58	18.24	4,096.9	132.9	43.8	140.0	0.00	0.00	0.00
4,200.0	2.58	18.24	4,196.8	137.2	45.2	144.5	0.00	0.00	0.00
4,300.0	2.58	18.24	4,296.7	141.5	46.6	149.0	0.00	0.00	0.00

Planning Report

Database:	Rocky Mountain R5000 Database	**Local Co-ordinate Reference:**	Well 36-10A-3-2
Company:	Finley Resources, Inc.	**TVD Reference:**	WELL @ 4948.0usft
Project:	Uintah County, UT	**MD Reference:**	WELL @ 4948.0usft
Site:	Section 36-T3S-R2E NW 1/4 SE 1/4	**North Reference:**	True
Well:	36-10A-3-2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Three Rivers		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,400.0	2.58	18.24	4,396.6	145.7	48.0	153.5	0.00	0.00	0.00
4,431.8	2.58	18.24	4,428.3	147.1	48.5	154.9	0.00	0.00	0.00
Start Drop -1.5/100'									
4,500.0	1.55	18.24	4,496.5	149.4	49.2	157.3	1.50	-1.50	0.00
4,600.0	0.05	18.24	4,596.5	150.8	49.7	158.7	1.50	-1.50	0.00
4,603.5	0.00	18.24	4,600.0	150.8	49.7	158.7	1.50	-1.50	0.00
End Drop									
4,608.5	0.00	0.00	4,605.0	150.8	49.7	158.7	0.00	0.00	0.00
Mahogany									
4,700.0	0.00	0.00	4,696.5	150.8	49.7	158.7	0.00	0.00	0.00
4,800.0	0.00	0.00	4,796.5	150.8	49.7	158.7	0.00	0.00	0.00
4,900.0	0.00	0.00	4,896.5	150.8	49.7	158.7	0.00	0.00	0.00
5,000.0	0.00	0.00	4,996.5	150.8	49.7	158.7	0.00	0.00	0.00
5,100.0	0.00	0.00	5,096.5	150.8	49.7	158.7	0.00	0.00	0.00
5,200.0	0.00	0.00	5,196.5	150.8	49.7	158.7	0.00	0.00	0.00
5,300.0	0.00	0.00	5,296.5	150.8	49.7	158.7	0.00	0.00	0.00
5,400.0	0.00	0.00	5,396.5	150.8	49.7	158.7	0.00	0.00	0.00
5,500.0	0.00	0.00	5,496.5	150.8	49.7	158.7	0.00	0.00	0.00
5,600.0	0.00	0.00	5,596.5	150.8	49.7	158.7	0.00	0.00	0.00
5,648.5	0.00	0.00	5,645.0	150.8	49.7	158.7	0.00	0.00	0.00
Garden Gulch									
5,700.0	0.00	0.00	5,696.5	150.8	49.7	158.7	0.00	0.00	0.00
5,800.0	0.00	0.00	5,796.5	150.8	49.7	158.7	0.00	0.00	0.00
5,900.0	0.00	0.00	5,896.5	150.8	49.7	158.7	0.00	0.00	0.00
6,000.0	0.00	0.00	5,996.5	150.8	49.7	158.7	0.00	0.00	0.00
6,100.0	0.00	0.00	6,096.5	150.8	49.7	158.7	0.00	0.00	0.00
6,193.5	0.00	0.00	6,190.0	150.8	49.7	158.7	0.00	0.00	0.00
Douglas Creek									
6,200.0	0.00	0.00	6,196.5	150.8	49.7	158.7	0.00	0.00	0.00
6,300.0	0.00	0.00	6,296.5	150.8	49.7	158.7	0.00	0.00	0.00
6,400.0	0.00	0.00	6,396.5	150.8	49.7	158.7	0.00	0.00	0.00
6,500.0	0.00	0.00	6,496.5	150.8	49.7	158.7	0.00	0.00	0.00
6,600.0	0.00	0.00	6,596.5	150.8	49.7	158.7	0.00	0.00	0.00
6,681.5	0.00	0.00	6,678.0	150.8	49.7	158.7	0.00	0.00	0.00
Black Shale									
6,700.0	0.00	0.00	6,696.5	150.8	49.7	158.7	0.00	0.00	0.00
6,800.0	0.00	0.00	6,796.5	150.8	49.7	158.7	0.00	0.00	0.00
6,854.5	0.00	0.00	6,851.0	150.8	49.7	158.7	0.00	0.00	0.00
Castle Peak									
6,900.0	0.00	0.00	6,896.5	150.8	49.7	158.7	0.00	0.00	0.00
7,000.0	0.00	0.00	6,996.5	150.8	49.7	158.7	0.00	0.00	0.00
7,100.0	0.00	0.00	7,096.5	150.8	49.7	158.7	0.00	0.00	0.00
7,129.5	0.00	0.00	7,126.0	150.8	49.7	158.7	0.00	0.00	0.00
Uteland Butte									
7,200.0	0.00	0.00	7,196.5	150.8	49.7	158.7	0.00	0.00	0.00
7,272.5	0.00	0.00	7,269.0	150.8	49.7	158.7	0.00	0.00	0.00
Wasatch									
7,300.0	0.00	0.00	7,296.5	150.8	49.7	158.7	0.00	0.00	0.00
7,400.0	0.00	0.00	7,396.5	150.8	49.7	158.7	0.00	0.00	0.00
7,500.0	0.00	0.00	7,496.5	150.8	49.7	158.7	0.00	0.00	0.00
7,600.0	0.00	0.00	7,596.5	150.8	49.7	158.7	0.00	0.00	0.00
7,700.0	0.00	0.00	7,696.5	150.8	49.7	158.7	0.00	0.00	0.00
7,800.0	0.00	0.00	7,796.5	150.8	49.7	158.7	0.00	0.00	0.00

RECEIVED: Sep. 10, 2014

Planning Report

Database:	Rocky Mountain R5000 Database	**Local Co-ordinate Reference:**	Well 36-10A-3-2
Company:	Finley Resources, Inc.	**TVD Reference:**	WELL @ 4948.0usft
Project:	Uintah County, UT	**MD Reference:**	WELL @ 4948.0usft
Site:	Section 36-T3S-R2E NW 1/4 SE 1/4	**North Reference:**	True
Well:	36-10A-3-2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Three Rivers		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,900.0	0.00	0.00	7,896.5	150.8	49.7	158.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,996.5	150.8	49.7	158.7	0.00	0.00	0.00
8,100.0	0.00	0.00	8,096.5	150.8	49.7	158.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,196.5	150.8	49.7	158.7	0.00	0.00	0.00
8,272.0	0.00	0.00	8,268.5	150.8	49.7	158.7	0.00	0.00	0.00
TD = 8,273' MD - 8,269' TVD - BHL 1,968' FSL - 463' FEL									
8,272.5	0.00	0.00	8,269.0	150.8	49.7	158.7	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
36-10A-3-2 PBHL - plan hits target center - Circle (radius 50.0)	0.00	0.00	8,269.0	150.8	49.7	7,238,113.34	2,139,192.55	40° 10' 36.590 N	109° 42' 53.330 W

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
800.0	800.0	8 5/8" @ 800' MD	8-5/8	11

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
0.0	0.0	Uintah		0.00	
2,926.9	2,925.0	Green Rvr		0.00	
4,608.5	4,605.0	Mahogany		0.00	
5,648.5	5,645.0	Garden Gulch		0.00	
6,193.5	6,190.0	Douglas Creek		0.00	
6,681.5	6,678.0	Black Shale		0.00	
6,854.5	6,851.0	Castle Peak		0.00	
7,129.5	7,126.0	Uteland Butte		0.00	
7,272.5	7,269.0	Wasatch		0.00	

RECEIVED: Sep. 10, 2014

Planning Report

Database:	Rocky Mountain R5000 Database	**Local Co-ordinate Reference:**	Well 36-10A-3-2
Company:	Finley Resources, Inc.	**TVD Reference:**	WELL @ 4948.0usft
Project:	Uintah County, UT	**MD Reference:**	WELL @ 4948.0usft
Site:	Section 36-T3S-R2E NW 1/4 SE 1/4	**North Reference:**	True
Well:	36-10A-3-2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Three Rivers		
Design:	Design #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1.0	1.0	0.0	0.0	SHL 1,818' FSL - 568' FEL
900.0	900.0	0.0	0.0	KOP @ 900' MD 1.5/100'
1,071.7	1,071.6	3.7	1.2	EOB Hold 2.58 Degrees
4,431.8	4,428.3	147.1	48.5	Start Drop -1.5/100'
4,603.5	4,600.0	150.8	49.7	End Drop
8,272.0	8,268.5	150.8	49.7	TD = 8,273' MD - 8,269' TVD
8,272.0	8,268.5	150.8	49.7	BHL 1,968' FSL - 463' FEL

RECEIVED: Sep. 10, 2014

FINLEY RESOURCES INC.

WELL PAD INTERFERENCE PLAT

36-10A-3-2

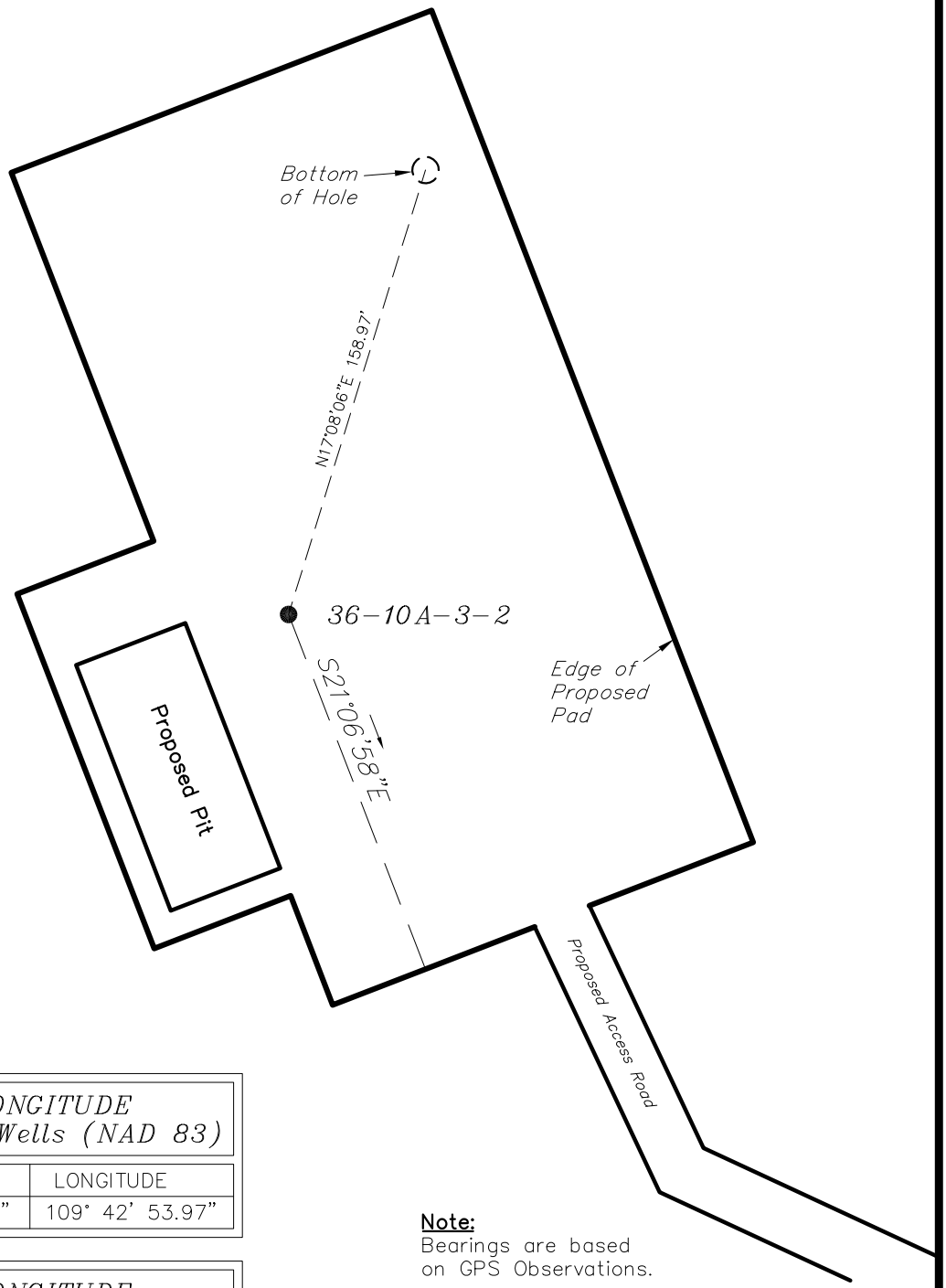
Pad Location: NWSE (Lot 3) Section 36, T3S, R2E, U.S.B.&M.

TOP HOLE FOOTAGES

36-10A-3-2
1818' FSL & 568' FEL

BOTTOM HOLE FOOTAGES

36-10A-3-2
1968' FSL & 463' FEL



LATITUDE & LONGITUDE Surface Position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
36-10A-3-2	40° 10' 35.10"	109° 42' 53.97"

LATITUDE & LONGITUDE Bottom Hole Position (NAD 83)		
WELL	LATITUDE	LONGITUDE
36-10A-3-2	40° 10' 36.59"	109° 42' 53.33"

Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES From Top Hole to Bottom Hole		
WELL	NORTH	EAST
36-10A-3-2	152'	47'

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-20-14
DRAWN BY:	M.W.	DATE DRAWN:	08-07-14
SCALE:	1" = 60'	REVISED:	

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

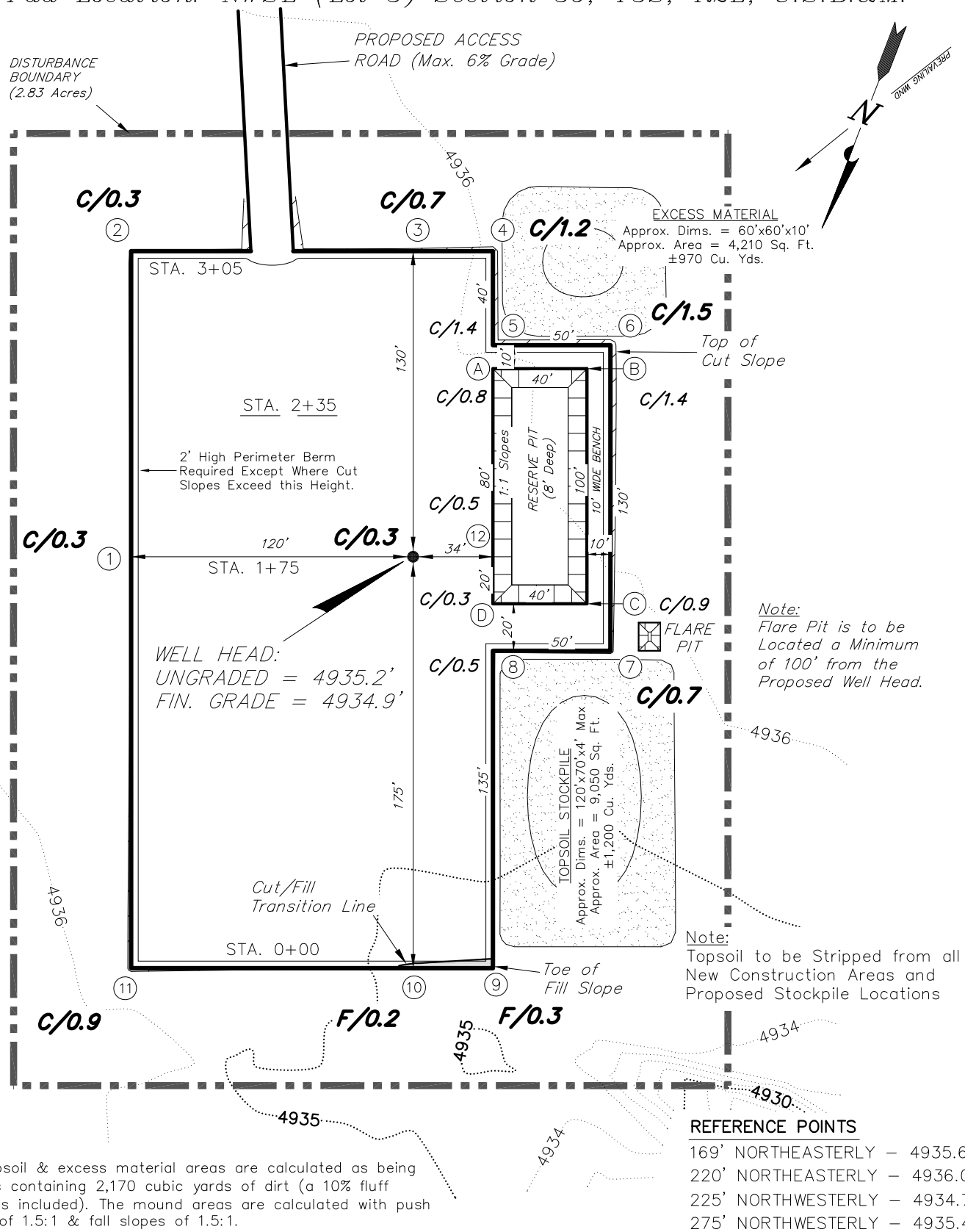
RECEIVED: Sep. 10, 2014

FINLEY RESOURCES INC.

PROPOSED LOCATION LAYOUT

36-10A-3-2

Pad Location: NWSE (Lot 3) Section 36, T3S, R2E, U.S.B.&M.



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

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 2,170 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.

REFERENCE POINTS

169' NORTHEASTERLY – 4935.6'
220' NORTHEASTERLY – 4936.0'
225' NORTHWESTERLY – 4934.7'
275' NORTHWESTERLY – 4935.4'

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-20-14
DRAWN BY:	M.W.	DATE DRAWN:	03-28-14
SCALE:	1" = 60'	REVISED: M.W.	08-07-14

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(435) 781-2501
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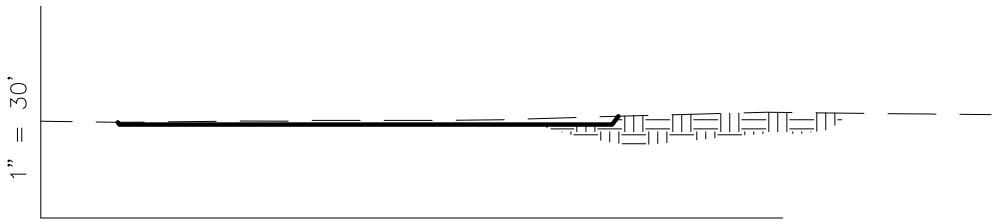
RECEIVED: Sep. 10, 2014

FINLEY RESOURCES INC.

CROSS SECTIONS

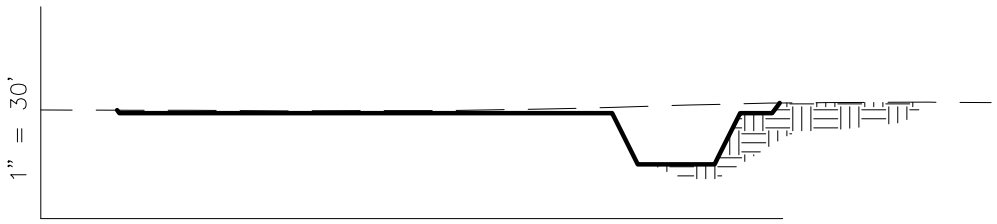
36-10A-3-2

Pad Location: NWSE (Lot 3) Section 36, T3S, R2E, U.S.B.&M.



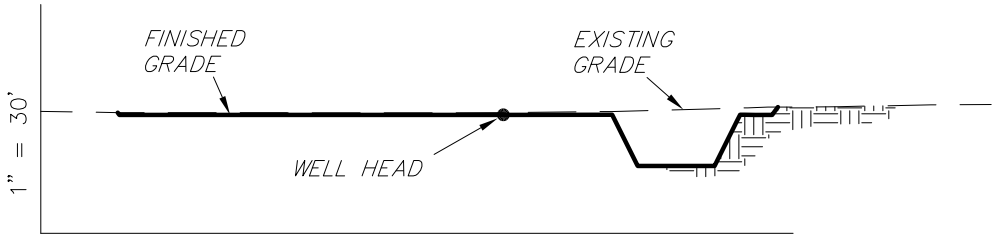
1" = 60'

STA. 3+05



1" = 60'

STA. 2+35



1" = 60'

STA. 1+75

1" = 60'

STA. 0+00

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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	220	220	Topsoil is not included in Pad Cut Volume	0
PIT	880	0		880
TOTALS	1,100	220	1,090	880

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-20-14	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY:	M.W.	DATE DRAWN:	03-28-14	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE:	1" = 60'	REVISED: M.W.	08-07-14		

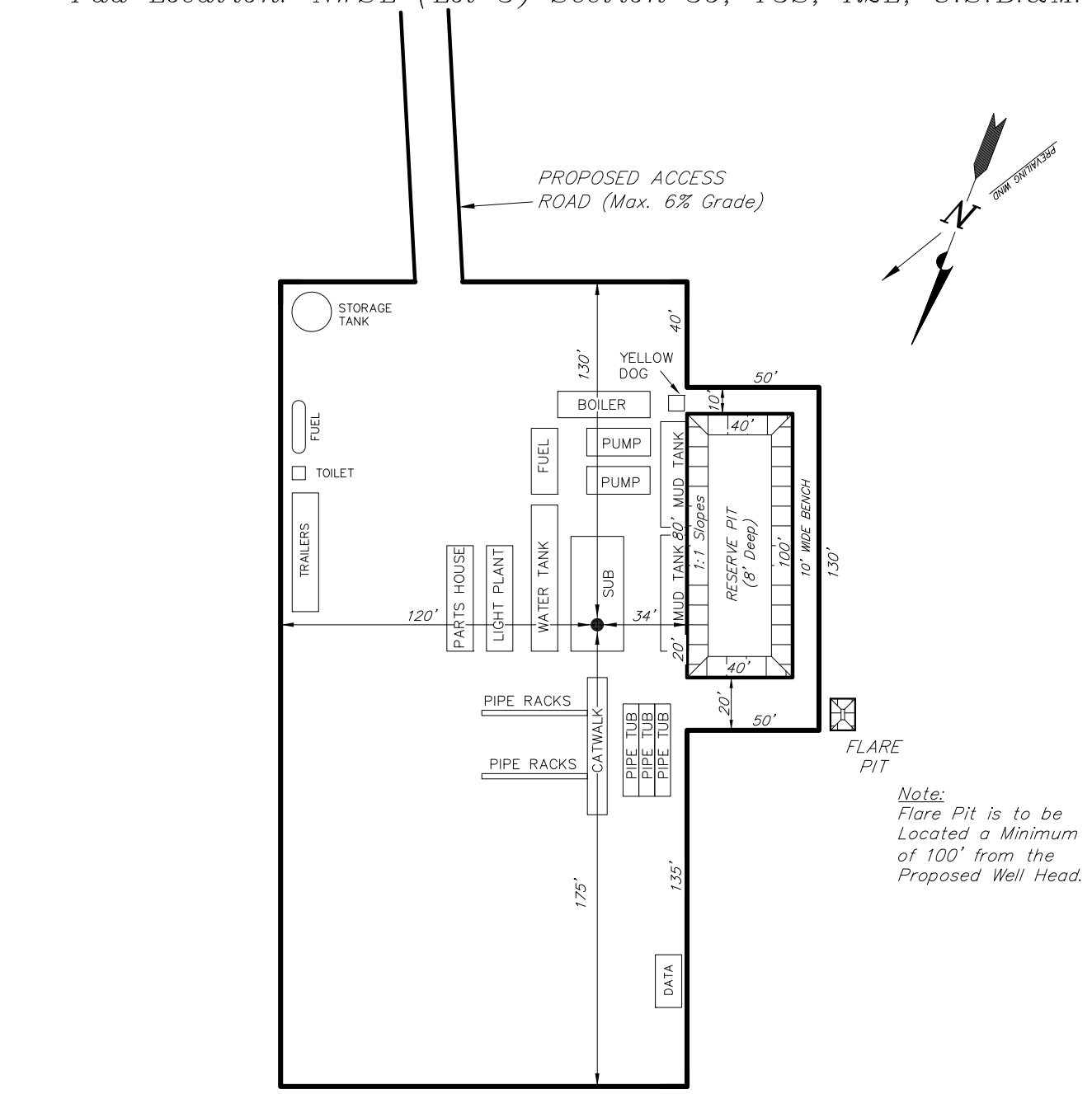
RECEIVED: Sep. 10, 2014

FINLEY RESOURCES INC.

TYPICAL RIG LAYOUT

36-10A-3-2

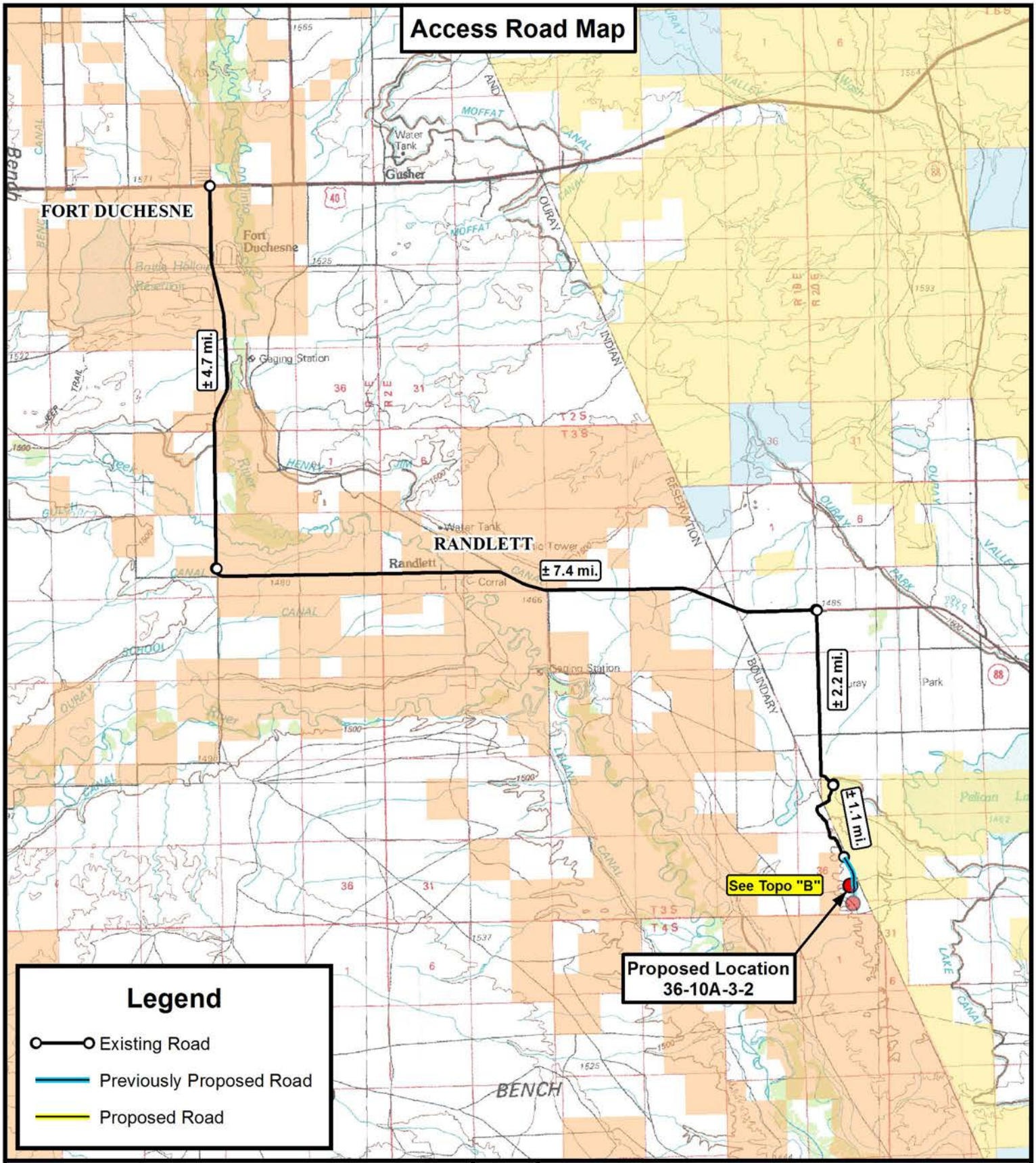
Pad Location: NWSE (Lot 3) Section 36, T3S, R2E, U.S.B.&M.



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

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-20-14	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY:	M.W.	DATE DRAWN:	03-28-14	
SCALE:	1" = 60'	REVISED: M.W.	08-07-14	180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: Sep. 10, 2014



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
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F: (435) 781-2518

N

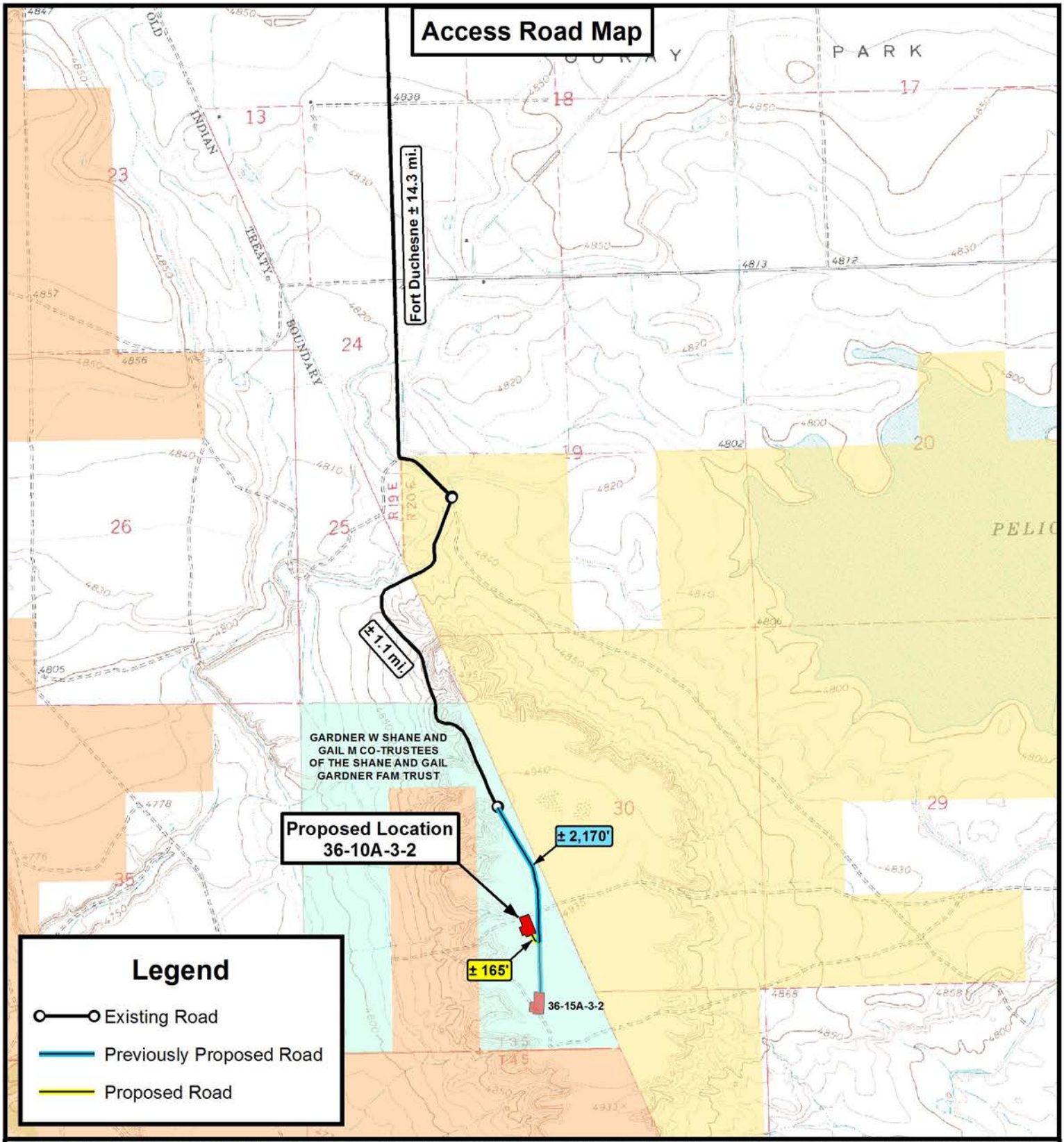
FINLEY RESOURCES INC.

36-10A-3-2
Sec. 36, T3S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	08-07-14 A.P.C.
DATE:	04-21-2014		
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A



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

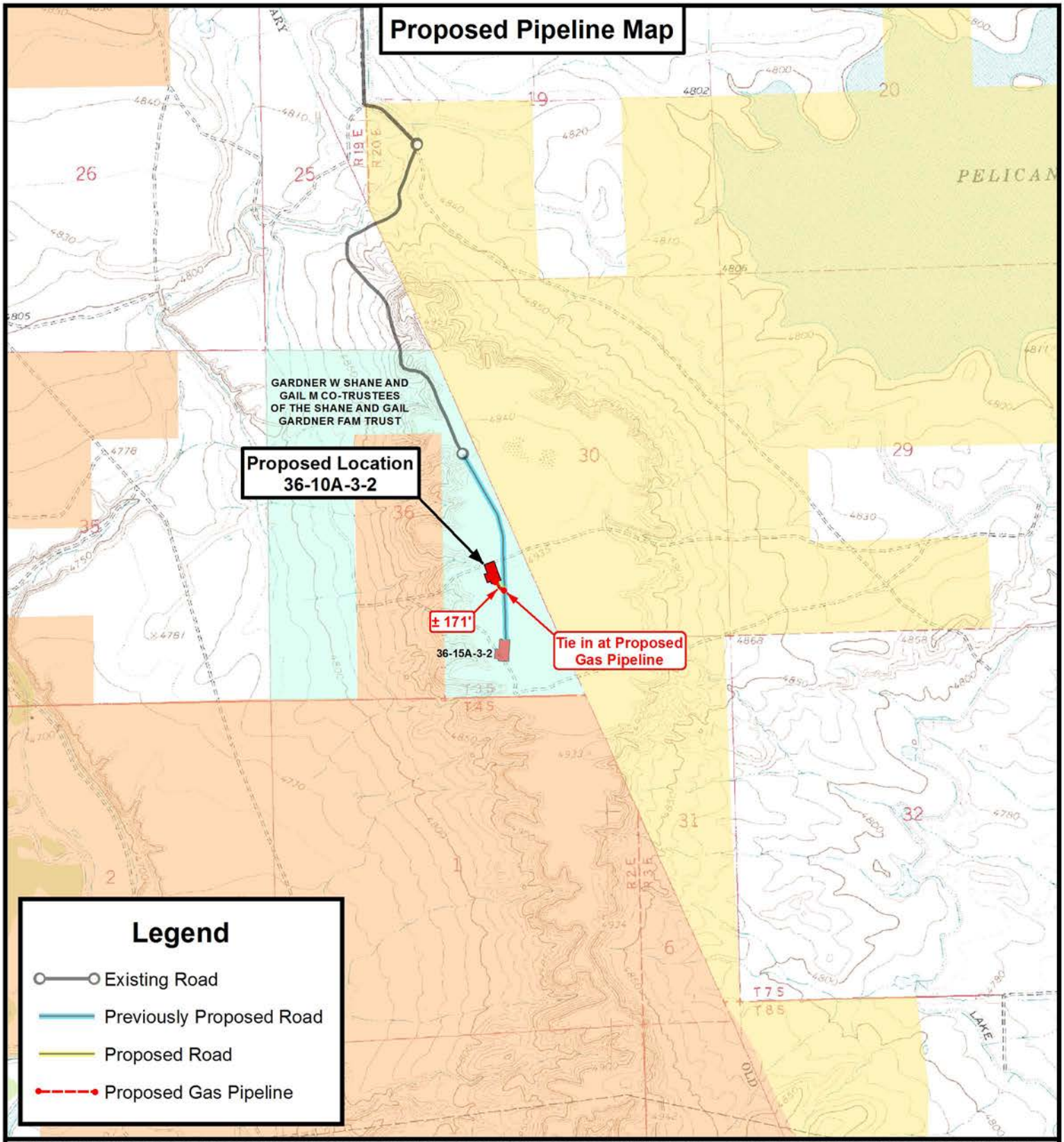
N

FINLEY RESOURCES INC.
36-10A-3-2
Sec. 36, T3S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	08-07-14 A.P.C.
DATE:	04-21-2014		
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET **B**



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F: (435) 781-2518

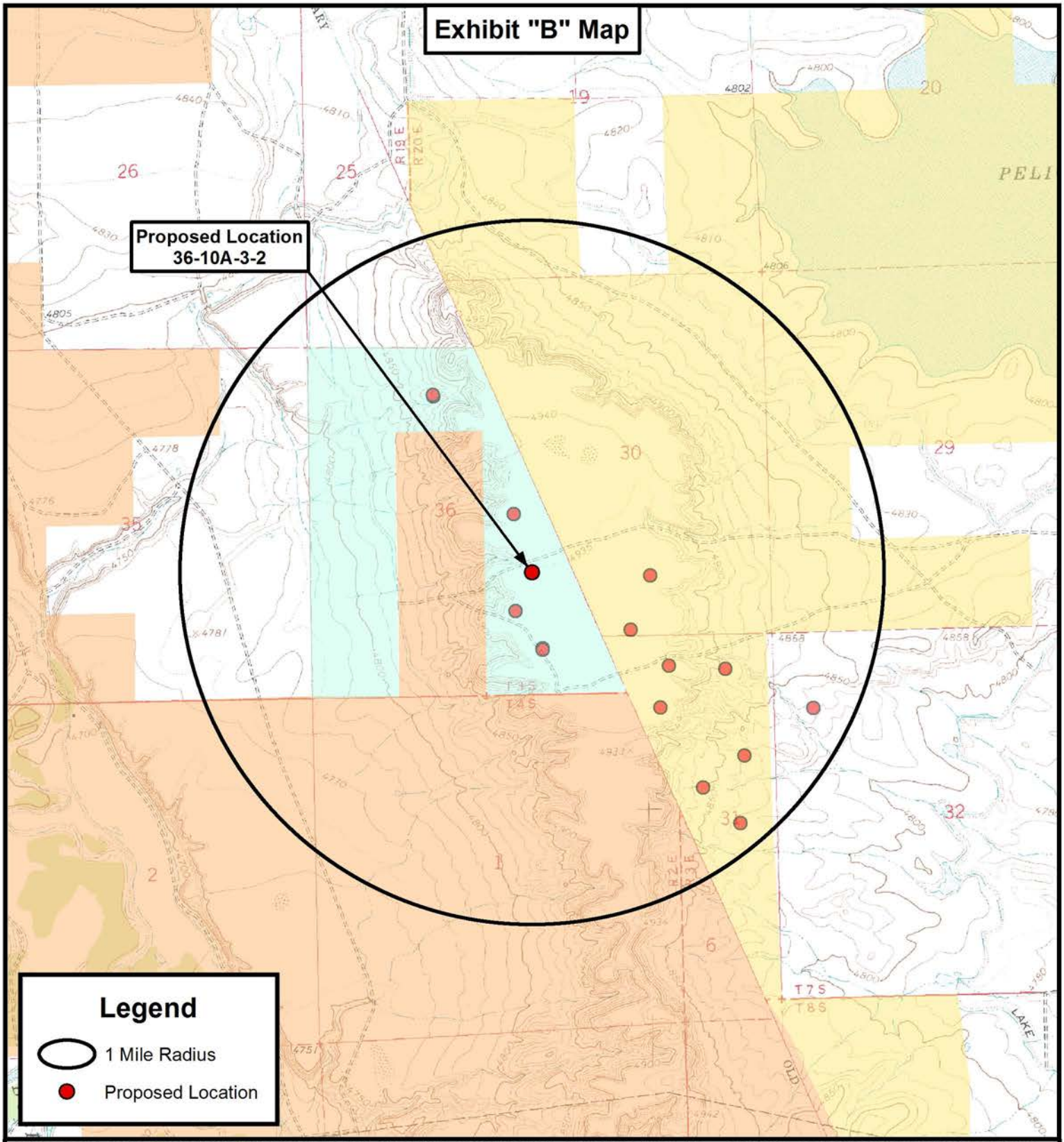
N

FINLEY RESOURCES INC.
36-10A-3-2
Sec. 36, T3S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	08-07-14 A.P.C.
DATE:	04-21-2014		
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C



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F: (435) 781-2518

N

FINLEY RESOURCES INC.
36-10A-3-2
Sec. 36, T3S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	08-07-14 A.P.C.
DATE:	04-21-2014		
SCALE:	1 " = 2,000 '		

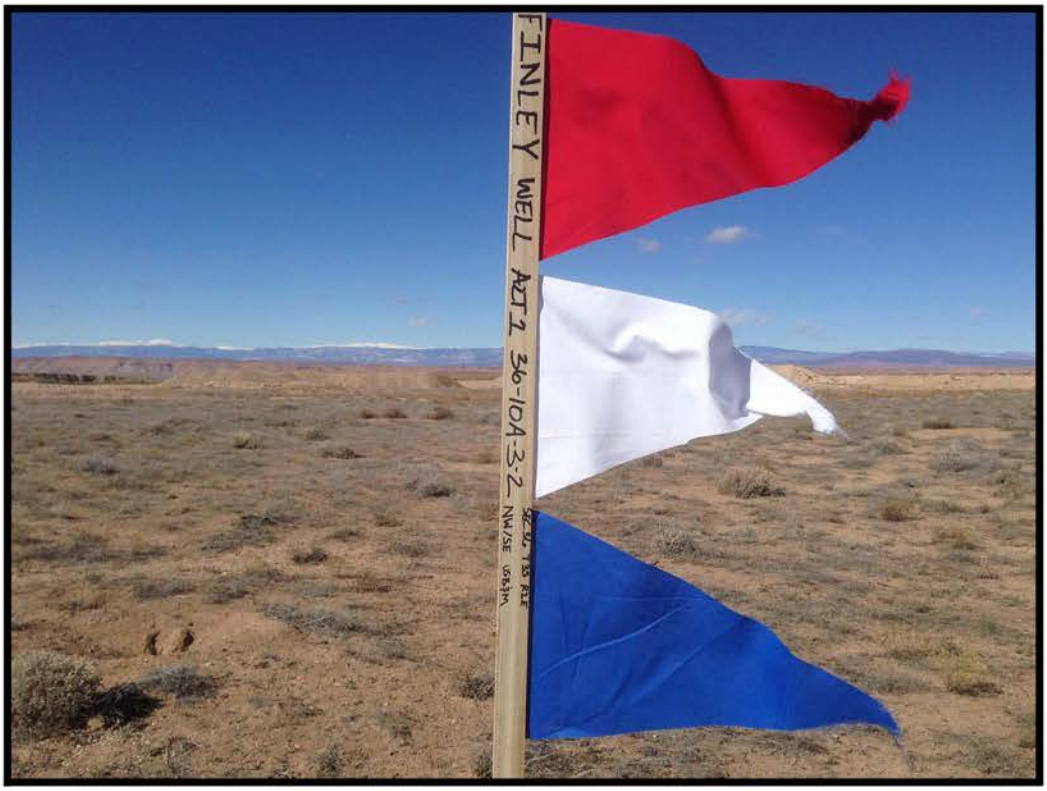
TOPOGRAPHIC MAP

SHEET D

Location Photos

Center Stake
Looking Northwesterly

Date Photographed:	02-20-2014
Photographed By :	Q. Miller



Access
Looking Southeasterly

Date Photographed:	02-20-2014
Photographed By :	G. Olsen

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

DRAWN BY:	A.P.C.	REVISED:	08-07-14 A.P.C.
DATE:	04-21-2014		

FINLEY RESOURCES INC.

36-10A-3-2
Sec. 36, T3S, R2E, U.S.B.&M.
Uintah County, UT.

COLOR PHOTOGRAPHS

SHEET P

FINLEY resources
ACQUIRE » DEVELOP » SUCCEED

September 10, 2014

State of Utah
Division of Oil, Gas & Mining
Attn: Brad Hill
P.O. Box 145801
Salt Lake City, Utah 84114

Re: Exception to Spacing
Section 36, Township 3 South Range 2 East
Uintah County, Utah

Dear Mr. Hill,

Finley Resources Inc. ("Finley") anticipates the drilling of the Gardner 36-10A-3-2 located in Section (36) Township 3 South Range 2 East, Uintah County, Utah. Finley expects the drilling of said well to be from a surface location of 1,818' from the FSL and 568' FEL to a bottom hole location of 1,968' from FSL and 463' FEL as shown on the attached plat.

Pursuant to Board Order docket number 2014-024 cause number 270-03 ("Order") which created special drilling units, Finley is in compliance with the Order as it states that Finley will be allowed to drill up to five wells in the spaced area which contains Lots 2, 3, 4 & SESW being 113.13 acres.

Whereas within the approved Order, Utah Admin Code Rule R649-3-3 will still be applicable to the setbacks of 460' from shared drilling unit/lease boundary lines but no closer than 100' if the adjacent lands are within the same lease and have the same production interest owners. Also, within the approved Order, Utah Admin Code Rule 649-3-11 was declared inapplicable so long as the point of intersection with the subject formations, all production intervals and bottom holes are within the setbacks established and with the caveat that, if an uphole completion is closer than the setbacks subsequently proposed, an exception location approval in accordance with Utah Admin Code Rule 649-3-3 will be required.

Finley hereby certifies that the Gardner 36-10A-3-2 has common lease and production interest ownership as described in the Order and therefore the setback rules defined in said order shall be applied.

Finley respectfully requests the approval of our APD given that the Gardner 36-10A-3-2 will have a legal bottom hole location and has common lease and production interest ownership throughout the aforementioned lands.

Should you have any questions regarding this matter please contact me at the number provided below or via email at zarcher@finleyresources.com. Thank you for your consideration of our request.

Sincerely,

Zachary Archer
Landman
(817)-231-8759

FINLEY resources
ACQUIRE » DEVELOP » SUCCEED

September 10, 2014

State of Utah
Division of Oil, Gas & Mining
Attn: Brad Hill
P.O. Box 145801
Salt Lake City, Utah 84114

Re: Directional Letter
Section 36, Township 3 South Range 2 East
Uintah County, Utah

Dear Mr. Hill,

Finley Resources Inc. ("Finley") anticipates the drilling of the Gardner 36-10A-3-2 located in Section (36) Township 3 South Range 2 East, Uintah County, Utah. Finley expects the drilling of said well to be from a surface location of 1,818' from the FSL and 568' FEL to a bottom hole location of 1,968' from FSL and 463' FEL as shown on the attached plat.

Pursuant to Board Order docket number 2014-024 cause number 270-03 ("Order") which created special drilling units, Finley is in compliance with the Order as it states that Finley will be allowed to drill up to five wells in the spaced area which contains Lots 2, 3, 4 & SESW being 113.13 acres.

Whereas within the approved Order, Utah Admin Code R 649-3-11 was declared inapplicable so long as the point of intersection with the subject formations, all production intervals and bottom holes are within the setbacks established and with the caveat that, if an uphole completion is closer than the setbacks subsequently proposed, an exception location approval in accordance with Utah Admin Code Rule 649-3-3 will be required.

Finley hereby certifies that the Gardner 36-16A-3-2 has common lease and production interest ownership as described in the Order and therefore the setbacks rules defined in said order shall be applied.

Finley respectfully requests the approval of our APD given that the Gardner 36-16A-3-2 will have a legal bottom hole location pursuant to the Order and has common lease and production interest ownership throughout the aforementioned lands.

Should you have any questions regarding this matter please contact me at the number provided below or via email at zarcher@finleyresources.com. Thank you for your consideration of our request.

Sincerely,

Zachary Archer
Landman
(817)-231-8759

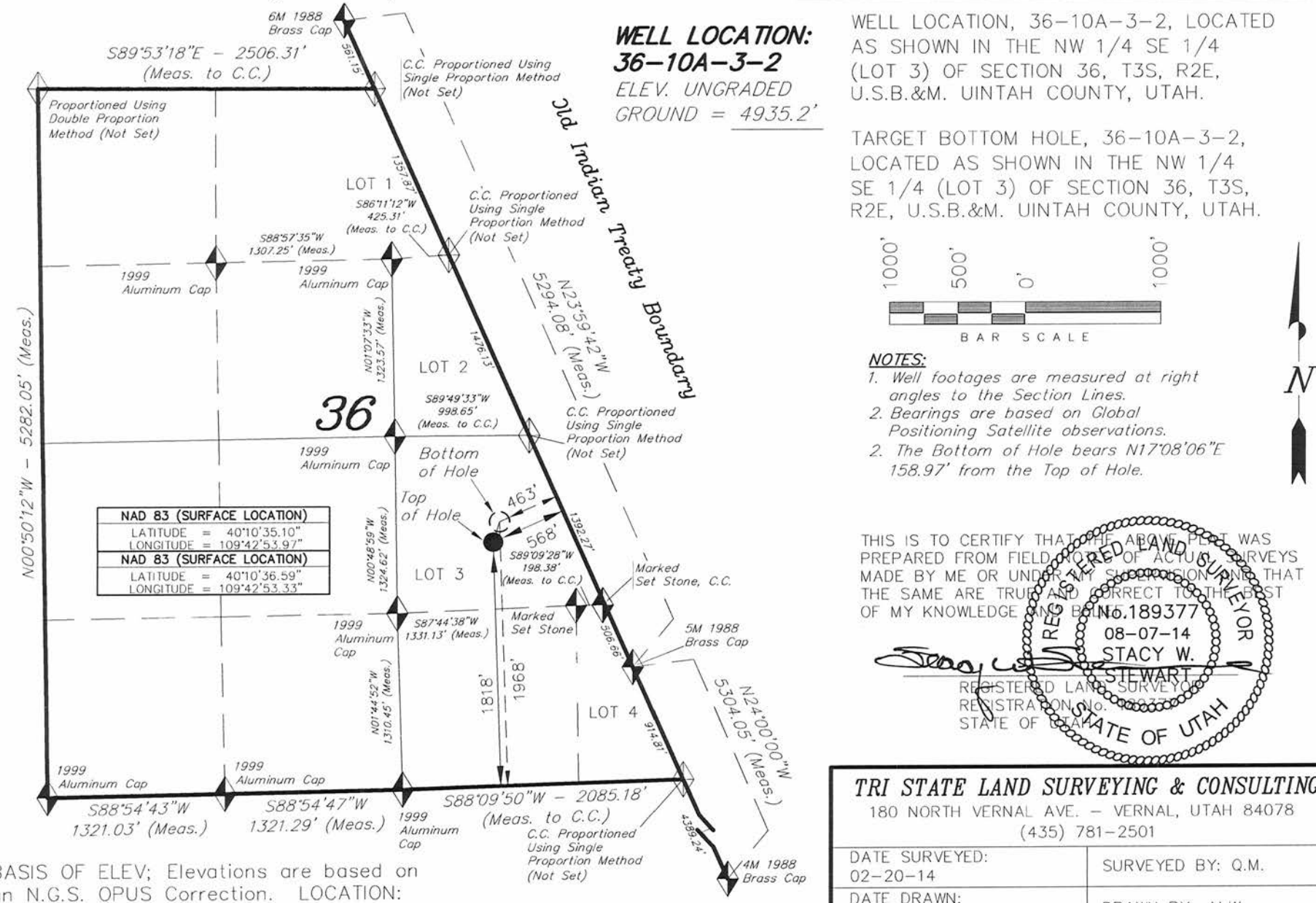
T3S, R2E, U.S.B.&M.

FINLEY RESOURCES INC.

WELL LOCATION:
36-10A-3-2
ELEV. UNGRADED GROUND = 4935.2'

WELL LOCATION, 36-10A-3-2, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 (LOT 3) OF SECTION 36, T3S, R2E, U.S.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, 36-10A-3-2, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 (LOT 3) 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.
2. The Bottom of Hole bears N17°08'06"E 158.97' from the Top of Hole.

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 08-07-14 STACY W. STEWART STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

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'

◆ = SECTION CORNERS LOCATED

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

DATE SURVEYED: 02-20-14	SURVEYED BY: Q.M.
DATE DRAWN: 03-28-14	DRAWN BY: M.W.
REVISED: 08-07-14 M.W.	SCALE: 1" = 1000'

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

OPERATOR: FINLEY RESOURCES, INC. CONTRACTOR NAME: Pro-Petro

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

WELL NAME/NUMBER: **Gardner 36-10A-3-2**

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

LEASE SN: FEE

API #: **43-047-54487**

CONFI

LOCATION CONSTRUCTION START DATE: Est.10/01/14 (J Wright)

LOCATION CONSTRUCTION FINISH DATE: Est.9/06/14

CONDUCTOR SPUD NOTICE: DATE: 10/07/14 TIME: 3:00PM

SURFACE SPUD NOTICE: DATE: 10/09/14 TIME: 3:00PM

SURFACE CSG.CEMENT NOTICE: DATE: 10/10/14 TIME: noonPM

REMARKS: This is a FEE well/surface and minerals. Notification of surface hole spud and cement. Set 40' of 16" conductor and grout to surface. Hole firm. Spud 12-1/4" surface hole at 3:00PM with Pro-Petro on 10/09/14. Air mist hole to 1050'. Ran 23 jts.of new 8-5/8" 32# LT&C J-55 csg.with shoe at 1040'. Cement with 720 sxs.15.8 ppg cement and bump plug at 1:30PM on 10/10/14. Had est.20 bbl.of cement to surface and hole standing full. RDUFA.

Reset Form

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: Gardner
8. WELL NAME and NUMBER: Gardner 36-10A-3-2
9. API NUMBER: 4304754487
10. FIELD AND POOL, OR WILDCAT: Undesignated

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: Finley Resources, Inc

3. ADDRESS OF OPERATOR: 1308 Lake Street CITY Fort Worth STATE TX ZIP 76102
PHONE NUMBER: (817) 231-8735

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1818 FSL , 568 FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH: 1968 FEL , 463 FSL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 27 4S 1E
12. COUNTY: Uintah
13. STATE: UTAH

14. DATE SPUDDED: 10/19/2014
15. DATE T.D. REACHED: 10/27/2014
16. DATE COMPLETED: 1/8/2015 ABANDONED ☐ READY TO PRODUCE ☐
17. ELEVATIONS (DF, RKB, RT, GL): 4935 GL

18. TOTAL DEPTH: MD 7,282 TVD 7,277
19. PLUG BACK T.D.: MD 7,210 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)
Triple Combo

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
12 1/4	8 5/8 J 55	32		1,040		15.8 pp 720		surface	
7 7/8	5 1/2 N80	17		7,258		925		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	6,994							

26. PRODUCING INTERVALS

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

27. PERFORATION RECORD

INTERVAL (Top/Bot -MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,621 7,144			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5,621-7,144	7,656 bbl tot. fluid ; 703,000# of 20/40 mesh sand

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: P

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Feb. 11, 2015

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:
1/14/2015	1/19/2015	24		95	0	360	Pump

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:
64/64	450	350	38.00	0	0		95	0	360	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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	2,880			Green River	2,880
Mahogany Bench	4,564			Mahogany Bench	4,564
Douglas Creek	6,178			Douglas Creek	6,178
Black Shale	6,657			Black Shale	6,657
Uteland Butte	7,071			Uteland Butte	7,071
Wasatch	7,186			Wasatch	7,186
TD	7,282			TD	7,282

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 _____ DATE 2/10/2015

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
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

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Finley Resources, Inc.

Uintah County, UT
Section 36-T3S-R2E NW 1/4 SE 1/4
Gardner 36-10A-3-2

Three Rivers

Survey: END OF WELL REPOT

Standard Survey Report

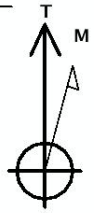
27 October, 2014

RECEIVED: Feb. 11, 2015

Finley Resources, Inc.
Gardner 36-10A-3-2
Uintah County, UT

CRESCENT DIRECTIONAL DRILLING

Geodetic System: US State Plane 1983
Zone: Utah Central Zone
WELL @ 4948.0usft
Ground Level: 4935.0
Latitude: 40° 10' 35.100 N
Longitude: 109° 42' 53.970 W
Magnetic North is 10.76° East of True North (Magnetic Declination)



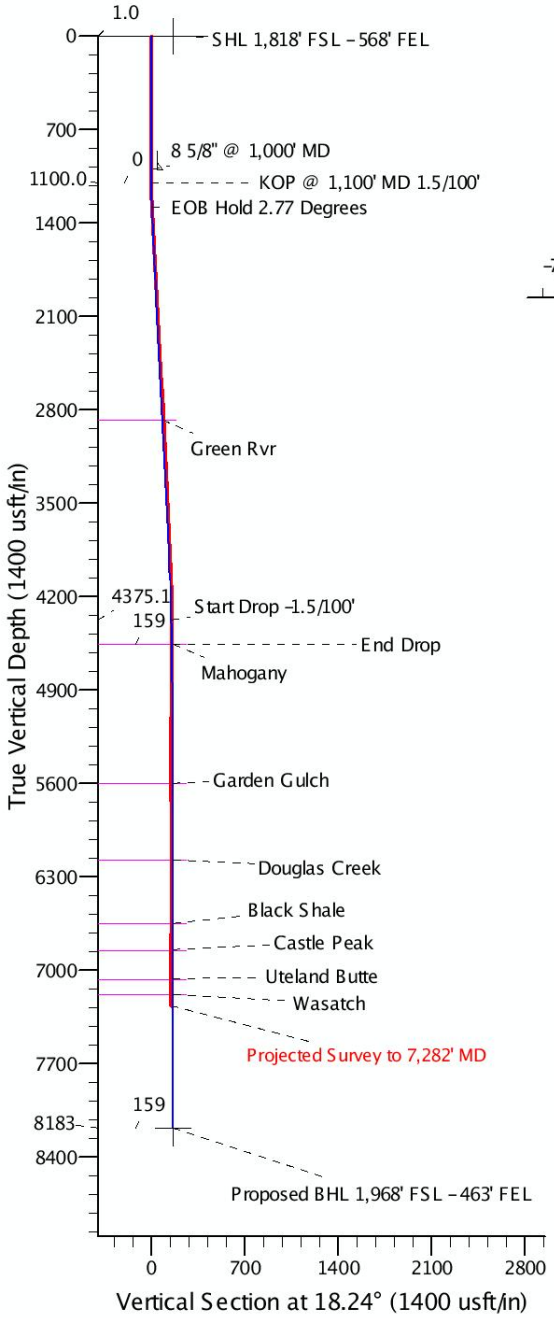
Azimuths to True North
Magnetic North: 10.76°

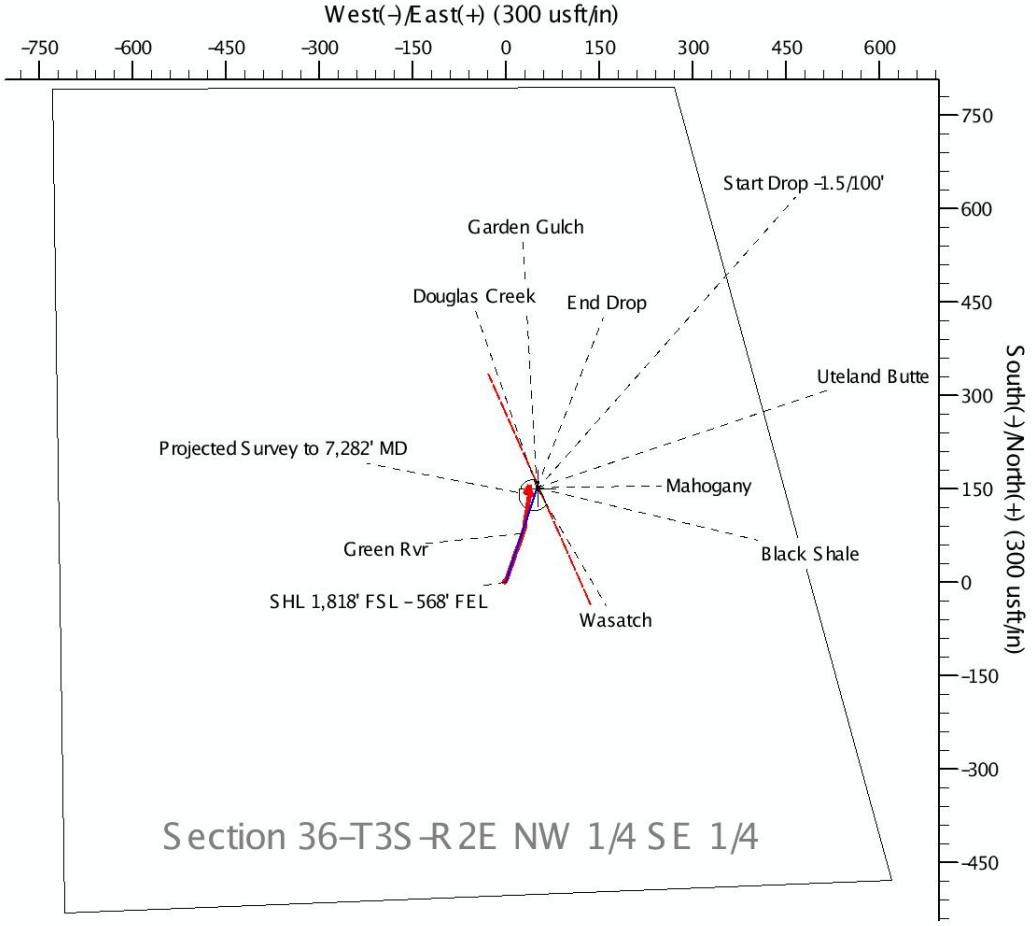
Magnetic Field
Strength: 52063.7snT
Dip Angle: 65.88°
Date: 10/17/2014
Model: IGRF2010

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0
1285.0	2.77	18.24	1284.9	4.3	1.4	1.50	18.24	4.5
4378.8	2.77	18.24	4375.1	146.5	48.3	0.00	0.00	154.3
4563.8	0.00	0.00	4560.0	150.8	49.7	1.50	180.00	158.7
8186.8	0.00	0.00	8183.0	150.8	49.7	0.00	0.00	158.7

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
0.0	0.0	Uintah
2879.0	2880.9	Green Rvr
4560.0	4563.8	Mahogany
5599.0	5602.8	Garden Gulch
6174.0	6177.8	Douglas Creek
6654.0	6657.8	Black Shale
6851.0	6854.8	Castle Peak
7068.0	7071.8	Uteland Butte
7183.0	7186.8	Wasatch





Plan: Revised 10-20-14 With Revised Geo Tops (Gardner 36-10A-3-2/Three P

Created By: Mike Kirby Date: 9:43, October 27 2014
Checked: _____ Date: _____
Reviewed: _____ Date: _____
Approved: x Date: x

RECEIVED: Feb. 11, 2015

Survey Report

Company:	Finley Resources, Inc.	Local Co-ordinate Reference:	Well Gardner 36-10A-3-2
Project:	Uintah County, UT	TVD Reference:	WELL @ 4948.0usft
Site:	Section 36-T3S-R2E NW 1/4 SE 1/4	MD Reference:	WELL @ 4948.0usft
Well:	Gardner 36-10A-3-2	North Reference:	True
Wellbore:	Three Rivers	Survey Calculation Method:	Minimum Curvature
Design:	Three Rivers	Database:	Rocky Mountain R5000 Database

Project Uintah County, UT

Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site Section 36-T3S-R2E NW 1/4 SE 1/4

Site Position:		Northing:	7,237,961.61 usft	Latitude:	40° 10' 35.100 N
From:	Lat/Long	Easting:	2,139,145.89 usft	Longitude:	109° 42' 53.970 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.14 °

Well Gardner 36-10A-3-2

Well Position	+N/-S	0.0 usft	Northing:	7,237,961.61 usft	Latitude:	40° 10' 35.100 N
	+E/-W	0.0 usft	Easting:	2,139,145.89 usft	Longitude:	109° 42' 53.970 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,948.0 usft	Ground Level:	4,935.0 usft

Wellbore Three Rivers

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/17/2014	10.76	65.88	52,064

Design Three Rivers

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	18.24

Survey Program Date 10/27/2014

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
1,069.0	7,282.0	END OF WELL REPOT (Three Rivers)		

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
36-10A-3-2 Section - 36-10A-3-2 Hard Line									
1,069.0	0.30	282.80	1,069.0	0.6	-2.7	-0.3	0.03	0.03	0.00
1,156.0	1.20	73.10	1,156.0	0.9	-2.1	0.2	1.69	1.03	172.76
1,243.0	2.40	35.20	1,242.9	2.7	-0.2	2.5	1.87	1.38	-43.56
1,330.0	2.90	21.10	1,329.9	6.2	1.7	6.4	0.94	0.57	-16.21
1,417.0	2.90	8.10	1,416.7	10.5	2.8	10.8	0.75	0.00	-14.94
1,502.0	3.21	23.20	1,501.6	14.8	4.0	15.3	1.01	0.36	17.76
1,590.0	2.50	20.00	1,589.5	18.8	5.7	19.7	0.83	-0.81	-3.64
1,676.0	3.10	21.70	1,675.4	22.8	7.2	23.9	0.70	0.70	1.98
1,764.0	2.90	16.20	1,763.3	27.1	8.7	28.5	0.40	-0.23	-6.25

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Survey Report

Company:	Finley Resources, Inc.	Local Co-ordinate Reference:	Well Gardner 36-10A-3-2
Project:	Uintah County, UT	TVD Reference:	WELL @ 4948.0usft
Site:	Section 36-T3S-R2E NW 1/4 SE 1/4	MD Reference:	WELL @ 4948.0usft
Well:	Gardner 36-10A-3-2	North Reference:	True
Wellbore:	Three Rivers	Survey Calculation Method:	Minimum Curvature
Design:	Three Rivers	Database:	Rocky Mountain R5000 Database

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,850.0	3.60	21.50	1,849.2	31.7	10.3	33.3	0.88	0.81	6.16
1,937.0	3.00	15.40	1,936.0	36.5	11.9	38.3	0.80	-0.69	-7.01
2,023.0	3.60	16.00	2,021.9	41.2	13.2	43.3	0.70	0.70	0.70
2,109.0	3.30	20.10	2,107.7	46.1	14.8	48.5	0.45	-0.35	4.77
2,196.0	3.50	15.60	2,194.6	51.1	16.4	53.6	0.38	0.23	-5.17
2,282.0	3.50	25.60	2,280.4	55.9	18.2	58.8	0.71	0.00	11.63
2,369.0	3.30	24.80	2,367.2	60.6	20.4	64.0	0.24	-0.23	-0.92
2,456.0	3.20	18.70	2,454.1	65.2	22.2	68.9	0.41	-0.11	-7.01
2,543.0	3.00	17.30	2,541.0	69.7	23.7	73.6	0.25	-0.23	-1.61
2,631.0	2.80	16.50	2,628.9	73.9	25.0	78.0	0.23	-0.23	-0.91
2,718.0	2.70	12.10	2,715.8	78.0	26.0	82.2	0.27	-0.11	-5.06
2,806.0	3.80	22.20	2,803.6	82.7	27.6	87.2	1.40	1.25	11.48
2,892.0	3.40	9.80	2,889.5	87.8	29.1	92.5	1.02	-0.47	-14.42
2,979.0	3.60	9.40	2,976.3	93.1	30.0	97.8	0.23	0.23	-0.46
3,066.0	2.60	9.30	3,063.2	97.7	30.7	102.4	1.15	-1.15	-0.11
3,151.0	2.10	10.60	3,148.1	101.2	31.3	105.9	0.59	-0.59	1.53
3,238.0	2.60	8.00	3,235.0	104.7	31.9	109.4	0.59	0.57	-2.99
3,324.0	1.70	8.00	3,321.0	107.9	32.3	112.6	1.05	-1.05	0.00
3,410.0	2.10	14.20	3,406.9	110.7	32.9	115.4	0.52	0.47	7.21
3,495.0	2.80	7.80	3,491.8	114.2	33.6	119.0	0.88	0.82	-7.53
3,581.0	2.30	1.60	3,577.7	118.0	33.9	122.7	0.66	-0.58	-7.21
3,669.0	3.10	16.80	3,665.6	122.1	34.6	126.8	1.21	0.91	17.27
3,756.0	2.90	14.10	3,752.5	126.5	35.8	131.3	0.28	-0.23	-3.10
3,844.0	3.70	359.40	3,840.4	131.5	36.4	136.2	1.32	0.91	-16.70
3,930.0	2.70	9.60	3,926.2	136.2	36.7	140.9	1.33	-1.16	11.86
4,018.0	3.20	1.70	4,014.1	140.7	37.1	145.3	0.73	0.57	-8.98
4,106.0	4.30	357.30	4,101.9	146.5	37.0	150.7	1.29	1.25	-5.00
4,193.0	2.90	5.60	4,188.8	151.9	37.1	155.9	1.71	-1.61	9.54
4,280.0	1.10	14.00	4,275.7	154.9	37.5	158.9	2.09	-2.07	9.66
4,368.0	0.10	262.00	4,363.7	155.7	37.6	159.7	1.30	-1.14	-127.27
4,454.0	0.90	214.20	4,449.7	155.2	37.2	159.0	0.97	0.93	-55.58
4,542.0	1.50	224.00	4,537.7	153.8	36.0	157.3	0.72	0.68	11.14
4,629.0	1.70	209.00	4,624.7	151.8	34.6	155.0	0.53	0.23	-17.24
4,716.0	0.60	205.40	4,711.6	150.3	33.7	153.3	1.27	-1.26	-4.14
4,804.0	1.10	202.00	4,799.6	149.1	33.2	152.0	0.57	0.57	-3.86
4,891.0	1.40	202.80	4,886.6	147.3	32.5	150.1	0.35	0.34	0.92
4,979.0	0.80	42.70	4,974.6	146.8	32.5	149.6	2.47	-0.68	-181.93
5,065.0	0.30	194.20	5,060.6	147.0	32.8	149.9	1.25	-0.58	176.16
5,152.0	0.70	186.00	5,147.6	146.3	32.7	149.2	0.47	0.46	-9.43
5,239.0	1.20	197.10	5,234.6	144.9	32.4	147.7	0.61	0.57	12.76
5,325.0	0.80	248.80	5,320.6	143.8	31.6	146.4	1.10	-0.47	60.12
5,412.0	0.80	255.80	5,407.6	143.4	30.4	145.7	0.11	0.00	8.05
5,498.0	1.10	50.10	5,493.6	143.8	30.5	146.1	2.16	0.35	179.42

RECEIVED: Feb. 11, 2015

Survey Report

Company:	Finley Resources, Inc.	Local Co-ordinate Reference:	Well Gardner 36-10A-3-2
Project:	Uintah County, UT	TVD Reference:	WELL @ 4948.0usft
Site:	Section 36-T3S-R2E NW 1/4 SE 1/4	MD Reference:	WELL @ 4948.0usft
Well:	Gardner 36-10A-3-2	North Reference:	True
Wellbore:	Three Rivers	Survey Calculation Method:	Minimum Curvature
Design:	Three Rivers	Database:	Rocky Mountain R5000 Database

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,585.0	1.70	56.80	5,580.5	145.0	32.2	147.8	0.71	0.69	7.70
5,672.0	1.20	59.10	5,667.5	146.2	34.1	149.5	0.58	-0.57	2.64
5,759.0	1.10	89.50	5,754.5	146.7	35.7	150.5	0.70	-0.11	34.94
5,846.0	1.10	330.80	5,841.5	147.4	36.1	151.3	2.18	0.00	-136.44
5,934.0	0.80	9.40	5,929.5	148.8	35.8	152.5	0.78	-0.34	43.86
6,021.0	0.30	171.30	6,016.5	149.1	35.9	152.9	1.25	-0.57	186.09
6,109.0	0.50	67.80	6,104.5	149.1	36.3	152.9	0.73	0.23	-117.61
6,196.0	0.30	189.20	6,191.5	149.0	36.6	153.0	0.81	-0.23	139.54
6,284.0	0.30	161.40	6,279.5	148.5	36.7	152.6	0.16	0.00	-31.59
6,371.0	0.40	309.90	6,366.5	148.5	36.5	152.5	0.78	0.11	170.69
6,459.0	0.53	195.30	6,454.5	148.3	36.2	152.2	0.89	0.15	-130.23
6,545.0	0.40	182.20	6,540.5	147.6	36.1	151.5	0.19	-0.15	-15.23
6,631.0	0.92	46.30	6,626.4	147.8	36.5	151.8	1.44	0.60	-158.02
6,718.0	1.10	125.20	6,713.4	147.8	37.7	152.2	1.48	0.21	90.69
6,805.0	0.50	173.50	6,800.4	147.0	38.5	151.6	0.98	-0.69	55.52
6,893.0	0.90	170.00	6,888.4	145.9	38.6	150.6	0.46	0.45	-3.98
6,980.0	0.50	127.70	6,975.4	145.0	39.0	149.9	0.72	-0.46	-48.62
7,068.0	1.10	147.10	7,063.4	144.0	39.8	149.3	0.74	0.68	22.05
7,154.0	1.50	163.30	7,149.4	142.3	40.6	147.8	0.63	0.47	18.84
7,272.0	1.50	163.30	7,267.3	139.3	41.5	145.3	0.00	0.00	0.00
Projected Survey to 7,282' MD									
7,282.0	1.50	163.30	7,277.3	139.1	41.5	145.1	0.00	0.00	0.00
36-10A-3-2 PBHL									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
7,272.0	7,267.3	139.3	41.5	Projected Survey to 7,282' MD

Checked By: _____ Approved By: _____ Date: _____

RECEIVED: Feb. 11, 2015

CRESCENT DIRECTIONAL DRILLING

JOB NO.:	CA141926	Report Time:	2400	10 of 10
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Sunday, October 26, 2014 at 0000 to Sunday, October 26, 2014 at 2400

DRILLING SUMMARY

Start Depth	7282.00	Rotary Hours	0.00
End Depth	7282.00	Circulating Hours	2.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	17.83	Percent Slide:	NA

Drilling Parameters

WOB	18	Pick UP	140	Slack Off	119	SPM	
RAB	123	SPP	1220	FlowRate	416 - 416		121

Mud Data

Type	Brine			PV	2	SOLID	8
Weight	9.4	GAS	0	YP	1	BHT°	130
Viscosity	28	SAND	0	PH	8.5	Flow T°	0
Chlorides	52000	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 2:Baker Q506F, 6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ, UBHO, NMDC, Gap Sub, NMDC, 2 DC, 16 joints 4 1/2 Hevi, ,

Signature:

Incl. In:	1.5	Azm. In:	163.3	Incl. Out:	1.5	Azm. Out:	163.3

Daily Cost	$8,450.00
Cummulative Cost:	$90,240.00

GENERAL COMMENT

POOH to pick up fishing tools, TIH to fish BHA.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Oct-14	00:00	01:10	1.17	7282	7282	POOH	POOH
26-Oct-14	01:10	02:00	0.83	7282	7282	Fishing	Make up Fishing Tools
26-Oct-14	02:00	06:00	4.00	7282	7282	TIH	TIH with Fishing Tools
26-Oct-14	06:00	08:00	2.00	7282	7282	Circulating	Circulating Btms up/ latch fish
26-Oct-14	08:00	15:50	7.83	7282	7282	POOH	POOH
26-Oct-14	15:50	17:50	2.00	7282	7282	Other	Lay Down BHA#2 Sucessful Fish

JOB NO.:	CA141926	Report Time:	2400	9 of 10
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Saturday, October 25, 2014 at 0000 to Saturday, October 25, 2014 at 2400

DRILLING SUMMARY

Start Depth	7282.00	Rotary Hours	0.00
End Depth	7282.00	Circulating Hours	13.58
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	24.00	Percent Slide:	NA

Drilling Parameters

WOB	18	Pick UP	140	Slack Off	119	SPM	
RAB	123	SPP	1220	FlowRate	416 - 416		121

Mud Data

Type	Brine			PV	2	SOLID	8
Weight	9.4	GAS	0	YP	2	BHT°	130
Viscosity	28	SAND	0	PH	8.5	Flow T°	0
Chlorides	52000	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 2:Baker Q506F, 6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ, UBHO, NMDC, Gap Sub, NMDC, 2 DC, 16 joints 4 1/2 Hevi, ,

Signature:

Incl. In:	1.5	Azm. In:	163.3	Incl. Out:	1.5	Azm. Out:	163.3

Daily Cost	$8,450.00
Cummulative Cost:	$81,790.00

GENERAL COMMENT

Working Stuck Pipe@ 2400 Stuck pipe @ 7282' MD. Wireline EM Tool. Free Point Back Off to Fish BHA

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Oct-14	00:00	12:00	12.00	7282	7282	Circulating	Working Stuck Pipe.
25-Oct-14	12:00	14:20	2.33	7282	7282	Wireline	Rig Up Wireline/Fish EM Tool
25-Oct-14	14:20	15:55	1.58	7282	7282	Circulating	Spot Pre Mix/Circulating
25-Oct-14	15:55	20:00	4.08	7282	7282	Wireline	Run Free Point/Wireline
25-Oct-14	20:00	24:00	4.00	7282	7282	POOH	POOH

CRESCENT DIRECTIONAL DRILLING

JOB NO.:	CA141926	Report Time:	2400	8 of 9
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Friday, October 24, 2014 at 0000 to Friday, October 24, 2014 at 2400

DRILLING SUMMARY

Start Depth	6801.00	Rotary Hours	8.33
End Depth	7282.00	Circulating Hours	11.75
Total Drilled:	478.00	Avg. Total ROP:	41.57
Total Rotary Drilled:	441.00	Avg. Rotary ROP:	52.92
Total Drilled Sliding:	37.00	Avg. Slide ROP:	11.68
Slide Hours:	3.17	Percent Rotary:	92.26
Below Rotary Hrs.	24.00	Percent Slide:	7.74

Drilling Parameters

WOB	18	Pick UP	140	Slack Off	119	SPM	
RAB	123	SPP	1220	FlowRate	416 - 416		121

Mud Data

Type	Brine			PV	3	SOLID	7.6
Weight	9.35	GAS	0	YP	2	BHT°	130
Viscosity	30	SAND	0.25	PH	8.5	Flow T°	0
Chlorides	50000	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 2:Baker Q506F, 6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ, UBHO, NMDC, Gap Sub, NMDC, 2 DC, 16 joints 4 1/2 Hevi, ,

Signature:

Incl. In:	1.1	Azm. In:	125.2	Incl. Out:	1.5	Azm. Out:	163.3

Daily Cost	$8,450.00
Cummulative Cost:	$73,340.00

GENERAL COMMENT

Formation making it hard to slide from 7194-7213'md, differential pressure spiking often and had to pick up and reorient toolface numerous times. Have been working stuck pipe @ 7282'md when driller picked up to ream for connection.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Oct-14	00:00	10:00	10.00	6801	6801	Circulating	Pipe Stuck/Working Pipe
24-Oct-14	10:00	10:45	0.75	6801	6845	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
24-Oct-14	10:45	10:50	0.08	6845	6845	Survey & Conn.	Survey & Conn.@6805' Inc 0.5° Azm 173.5°
24-Oct-14	10:50	12:05	1.25	6845	6933	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
24-Oct-14	12:05	12:10	0.08	6933	6933	Survey & Conn.	Survey & Conn.@6893' Inc 0.9° Azm 170°
24-Oct-14	12:10	13:00	0.83	6936	6954	Sliding	Sliding - (WOB:10;GPM :416;TFO:30M))
24-Oct-14	13:00	14:05	1.08	6954	7020	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
24-Oct-14	14:05	14:10	0.08	7020	7020	Survey & Conn.	Survey & Conn.@6980' Inc 0.5° Azm 127.7°
24-Oct-14	14:10	15:20	1.17	7020	7108	Drilling	Drilling - (WOB:18;GPM :416;RPM:65)
24-Oct-14	15:20	15:25	0.08	7108	7108	Survey & Conn.	Survey & Conn.@7068' Inc 1.1° Azm 147.1°
24-Oct-14	15:25	17:25	2.00	7108	7194	Drilling	Drilling - (WOB:18;GPM :416;RPM:65)
24-Oct-14	17:25	17:45	0.33	7194	7194	Rig Service-Inhole	Rig Service-Inhole
24-Oct-14	17:45	17:50	0.08	7194	7194	Survey & Conn.	Survey & Conn.@7154' Inc 1.5° Azm 163.3°
24-Oct-14	17:50	20:10	2.33	7194	7213	Sliding	Sliding - (WOB:10;GPM :416;TFO:30M)
24-Oct-14	20:10	22:15	2.08	7213	7282	Drilling	Drilling - (WOB:18;GPM :416;RPM:65)
24-Oct-14	22:15	24:00	1.75	7282	7282	Circulating	Pipe Stuck/Working Pipe

CRESCENT DIRECTIONAL DRILLING

JOB NO.:	CA141926	Report Time:	2400	8 of 9
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Friday, October 24, 2014 at 0000 to Friday, October 24, 2014 at 2400

DRILLING SUMMARY

Start Depth	6801.00	Rotary Hours	8.33
End Depth	7282.00	Circulating Hours	11.75
Total Drilled:	478.00	Avg. Total ROP:	41.57
Total Rotary Drilled:	441.00	Avg. Rotary ROP:	52.92
Total Drilled Sliding:	37.00	Avg. Slide ROP:	11.68
Slide Hours:	3.17	Percent Rotary:	92.26
Below Rotary Hrs.	24.00	Percent Slide:	7.74

Drilling Parameters

WOB	18	Pick UP	140	Slack Off	119	SPM	
RAB	123	SPP	1220	FlowRate	416 - 416		121

Mud Data

Type	Brine			PV	3	SOLID	7.6
Weight	9.35	GAS	0	YP	2	BHT°	130
Viscosity	30	SAND	0.25	PH	8.5	Flow T°	0
Chlorides	50000	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 2:Baker Q506F, 6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ, UBHO, NMDC, Gap Sub, NMDC, 2 DC, 16 joints 4 1/2 Hevi, ,

Signature:

Incl. In:	1.1	Azm. In:	125.2	Incl. Out:	1.5	Azm. Out:	163.3

Daily Cost	$8,450.00
Cummulative Cost:	$73,340.00

GENERAL COMMENT

Formation making it hard to slide from 7194-7213'md, differential pressure spiking often and had to pick up and reorient toolface numerous times. Have been working stuck pipe @ 7282'md when driller picked up to ream for connection.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Oct-14	00:00	10:00	10.00	6801	6801	Circulating	Pipe Stuck/Working Pipe
24-Oct-14	10:00	10:45	0.75	6801	6845	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
24-Oct-14	10:45	10:50	0.08	6845	6845	Survey & Conn.	Survey & Conn.@6805' Inc 0.5° Azm 173.5°
24-Oct-14	10:50	12:05	1.25	6845	6933	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
24-Oct-14	12:05	12:10	0.08	6933	6933	Survey & Conn.	Survey & Conn.@6893' Inc 0.9° Azm 170°
24-Oct-14	12:10	13:00	0.83	6936	6954	Sliding	Sliding - (WOB:10;GPM :416;TFO:30M))
24-Oct-14	13:00	14:05	1.08	6954	7020	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
24-Oct-14	14:05	14:10	0.08	7020	7020	Survey & Conn.	Survey & Conn.@6980' Inc 0.5° Azm 127.7°
24-Oct-14	14:10	15:20	1.17	7020	7108	Drilling	Drilling - (WOB:18;GPM :416;RPM:65)
24-Oct-14	15:20	15:25	0.08	7108	7108	Survey & Conn.	Survey & Conn.@7068' Inc 1.1° Azm 147.1°
24-Oct-14	15:25	17:25	2.00	7108	7194	Drilling	Drilling - (WOB:18;GPM :416;RPM:65)
24-Oct-14	17:25	17:45	0.33	7194	7194	Rig Service-Inhole	Rig Service-Inhole
24-Oct-14	17:45	17:50	0.08	7194	7194	Survey & Conn.	Survey & Conn.@7154' Inc 1.5° Azm 163.3°
24-Oct-14	17:50	20:10	2.33	7194	7213	Sliding	Sliding - (WOB:10;GPM :416;TFO:30M)
24-Oct-14	20:10	22:15	2.08	7213	7282	Drilling	Drilling - (WOB:18;GPM :416;RPM:65)
24-Oct-14	22:15	24:00	1.75	7282	7282	Circulating	Pipe Stuck/Working Pipe

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Oct-14	09:55	10:50	0.92	6253	6324	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
23-Oct-14	10:50	10:55	0.08	6324	6324	Survey & Conn.	Survey & Conn.@6284' Inc 0.3° Azm 161.4°
23-Oct-14	10:55	11:55	1.00	6324	6341	Sliding	Sliding - (WOB:10;GPM :416;TFO:10M))
23-Oct-14	11:55	12:55	1.00	6341	6411	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
23-Oct-14	12:55	13:00	0.08	6411	6411	Survey & Conn.	Survey & Conn.@6371' Inc 0.4° Azm 309.9°
23-Oct-14	13:00	14:30	1.50	6411	6499	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
23-Oct-14	14:30	14:35	0.08	6499	6499	Survey & Conn.	Survey & Conn.@6459' Inc 0.53° Azm 195.3°
23-Oct-14	14:35	15:45	1.17	6503	6516	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
23-Oct-14	15:45	16:25	0.67	6516	6542	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
23-Oct-14	16:25	16:45	0.33	6542	6542	Rig Service-Inhole	Rig Service-Inhole
23-Oct-14	16:45	17:20	0.58	6542	6585	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
23-Oct-14	17:20	17:25	0.08	6585	6585	Survey & Conn.	Survey & Conn.@6545' Inc 0.4° Azm 182.2°
23-Oct-14	17:25	19:00	1.58	6585	6607	Sliding	Sliding - (WOB:10;GPM :416;TFO:45M))
23-Oct-14	19:00	19:50	0.83	6607	6671	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
23-Oct-14	19:50	19:55	0.08	6671	6671	Survey & Conn.	Survey & Conn.@6631' Inc 0.92° Azm 46.3°
23-Oct-14	19:55	21:15	1.33	6671	6758	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
23-Oct-14	21:15	21:20	0.08	6758	6758	Survey & Conn.	Survey & Conn.@6718' Inc 1.1° Azm 125.2°
23-Oct-14	21:20	21:55	0.58	6758	6767	Sliding	Sliding - (WOB:10;GPM :416;TFO:45M))
23-Oct-14	21:55	22:25	0.50	6767	6801	Drilling	Drilling - (WOB:18;GPM :416;RPM:60)
23-Oct-14	22:25	24:00	1.58	6801	6801	Pipe Stuck	Work Stuck Pipe

RECEIVED: Feb. 11, 2015

CRESCENT DIRECTIONAL DRILLING

JOB NO.:	CA141926	Report Time:	2400	6 of 7
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Wednesday, October 22, 2014 at 0000 to Wednesday, October 22, 2014 at 2400

DRILLING SUMMARY

Start Depth	4740.00	Rotary Hours	17.08
End Depth	5752.00	Circulating Hours	0.00
Total Drilled:	1007.00	Avg. Total ROP:	44.59
Total Rotary Drilled:	915.00	Avg. Rotary ROP:	53.56
Total Drilled Sliding:	92.00	Avg. Slide ROP:	16.73
Slide Hours:	5.50	Percent Rotary:	90.86
Below Rotary Hrs.	24.00	Percent Slide:	9.14

Drilling Parameters

WOB	15	Pick UP	86	Slack Off	70	SPM	
RAB	81	SPP	1120	FlowRate	416 - 416	122	

Mud Data

Type	Brine			PV	2	SOLID	7
Weight	9.25	GAS	0	YP	1	BHT°	98
Viscosity	28	SAND	0.25	PH	8.5	Flow T°	0
Chlorides	54000	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 2:Baker Q506F, 6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ, UBHO, NMDC, Gap Sub, NMDC, 2 DC, 16 joints 4 1/2 Hevi, ,

Signature:

Incl. In:	1.7	Azm. In:	209	Incl. Out:	1.2	Azm. Out:	59.1

Daily Cost	$8,450.00
Cummulative Cost:	$56,440.00

GENERAL COMMENT

Numerous times were unable to get toolfaces due to MWD issues. Drilling ahead inTarget. @ 4950' in the Mahogany formation.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Oct-14	00:00	00:10	0.17	4740	4756	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
22-Oct-14	00:10	00:15	0.08	4756	4756	Survey & Conn.	Survey & Conn.@4716' Inc 0.6° Azm 205.4°
22-Oct-14	00:15	01:55	1.67	4756	4844	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
22-Oct-14	01:55	02:00	0.08	4844	4844	Survey & Conn.	Survey & Conn.@4804' Inc 1.1° Azm 202°
22-Oct-14	02:00	03:35	1.58	4844	4931	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
22-Oct-14	03:35	03:40	0.08	4931	4931	Survey & Conn.	Survey & Conn.@4891' Inc 1.4° Azm 202.8°
22-Oct-14	03:40	05:20	1.67	4931	4952	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
22-Oct-14	05:20	06:25	1.08	4952	5019	Drilling	Drilling - (WOB:15;GPM :416;RPM:65)
22-Oct-14	06:25	06:30	0.08	5019	5019	Survey & Conn.	Survey & Conn.@4979' Inc 0.8° Azm 42.7°
22-Oct-14	06:30	07:40	1.17	5019	5105	Drilling	Drilling - (WOB:15;GPM :416;RPM:65)
22-Oct-14	07:40	07:45	0.08	5105	5105	Survey & Conn.	Survey & Conn.@5065' Inc 0.3° Azm 194.2°
22-Oct-14	07:45	09:25	1.67	5105	5192	Drilling	Drilling - (WOB:15;GPM :416;RPM:65)
22-Oct-14	09:25	09:30	0.08	5192	5192	Survey & Conn.	Survey & Conn.@5152' Inc 0.7° Azm 186°
22-Oct-14	09:30	11:15	1.75	5192	5279	Drilling	Drilling - (WOB:15;GPM :416;RPM:65)
22-Oct-14	11:15	11:20	0.08	5279	5279	Survey & Conn.	Survey & Conn.@5239' Inc 1.2° Azm 197.1°
22-Oct-14	11:20	12:00	0.67	5279	5290	Sliding	Sliding - (WOB:10;GPM :416;TFO:10M))
22-Oct-14	12:00	13:35	1.58	5290	5365	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Oct-14	13:35	13:40	0.08	5365	5365	Survey & Conn.	Survey & Conn.@5325' Inc 0.8° Azm 248.8°
22-Oct-14	13:40	14:40	1.00	5370	5385	Sliding	Sliding - (WOB:10;GPM :416;TFO:20M))
22-Oct-14	14:40	15:35	0.92	5385	5452	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
22-Oct-14	15:35	15:40	0.08	5452	5452	Survey & Conn.	Survey & Conn.@5412' Inc 0.8° Azm 255.8°
22-Oct-14	15:40	16:40	1.00	5452	5473	Sliding	Sliding - (WOB:10;GPM :416;TFO:70M))
22-Oct-14	16:40	17:05	0.42	5473	5473	Rig Service-Inhole	Rig Service-Inhole
22-Oct-14	17:05	17:35	0.50	5473	5496	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
22-Oct-14	17:35	18:45	1.17	5496	5520	Sliding	Sliding - (WOB:10;GPM :416;TFO:60M))
22-Oct-14	18:45	19:00	0.25	5520	5538	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
22-Oct-14	19:00	19:05	0.08	5538	5538	Survey & Conn.	Survey & Conn.@5498' Inc 1.1° Azm 50.1°
22-Oct-14	19:05	21:05	2.00	5538	5625	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
22-Oct-14	21:05	21:10	0.08	5625	5625	Survey & Conn.	Survey & Conn.@5585' Inc 1.7° Azm 56.8°
22-Oct-14	21:10	23:05	1.92	5625	5712	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
22-Oct-14	23:05	23:10	0.08	5712	5712	Survey & Conn.	Survey & Conn.@5672' Inc 1.2° Azm 59.1°
22-Oct-14	23:10	24:00	0.83	5712	5752	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)

RECEIVED: Feb. 11, 2015

JOB NO.:	CA141926	Report Time:	2400	5 of 6
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Tuesday, October 21, 2014 at 0000 to Tuesday, October 21, 2014 at 2400

DRILLING SUMMARY

Start Depth	4146.00	Rotary Hours	9.58
End Depth	4740.00	Circulating Hours	0.42
Total Drilled:	579.00	Avg. Total ROP:	47.59
Total Rotary Drilled:	553.00	Avg. Rotary ROP:	57.70
Total Drilled Sliding:	26.00	Avg. Slide ROP:	10.06
Slide Hours:	2.58	Percent Rotary:	95.51
Below Rotary Hrs.	24.00	Percent Slide:	4.49

Drilling Parameters

WOB	15	Pick UP	86	Slack Off	70	SPM	
RAB	81	SPP	955	FlowRate	416 - 416	122	

Mud Data

Type				PV	1	SOLID	5.4
Weight	9	GAS	0	YP	1	BHT°	98
Viscosity	28	SAND	0	PH	8.5	Flow T°	0
Chlorides	40000	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 2:Baker Q506F, 6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ, UBHO, NMDC, Gap Sub, NMDC, 2 DC, 16 joints 4 1/2 Hevi, ,

Signature:

Incl. In:	4.3	Azm. In:	357.3	Incl. Out:	1.7	Azm. Out:	209

Daily Cost	$8,450.00
Cummulative Cost:	$47,990.00

GENERAL COMMENT

MWD communication gradually declined during the day. After connection at 4,058'md, had to line up toolface to slide 6' with no toolface updates on RFD. Stopped sliding, picked up two feet. killed mud pump to reestablish only toolface to proceed sliding another 6' to 4,070'md. we then rotated ahead 4,114'md to get a check shot which was diffult to get. needing to slide , we then slid from 4,114' to 4,130'md (16') having to line up RFD after killing pump a couple times to reestablish reference point to slide. No toolface updates during entire slide. We then rotated to survey point stopping stopping three times trying to get a check shot lastly at 4,215'md. Directional did not want to go any farther without check shot , but MWD said signal was improving so we then rotated to survey point at 4,233' md. We did get a survey at this point, but no toolface updates. We are as far as we can go at this point without toolface updated to make an accurate slide to drop well to vertical and stay in target. Attempted to slide. Was unsucessfull. We are POOH to adjust the power on MWD.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Oct-14	11:00	11:15	0.25	4233	4234	Sliding	Sliding - (WOB:10;GPM :416;TFO:90M))
21-Oct-14	00:00	01:10	1.17	4146	4215	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	01:25	01:40	0.25	4215	4233	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	01:40	02:10	0.50	4233	4233	Survey & Conn.	Survey & Conn.@4193' Inc 2.9° Azm 5.6°
21-Oct-14	05:55	06:30	0.58	4233	4233	Rig repair	Change out hydraulic hose in drillers console
21-Oct-14	11:15	11:30	0.25	4234	4234	Circulating	Switch To Pump #2

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Oct-14	11:30	12:20	0.83	4236	4252	Sliding	Sliding - (WOB:10;GPM :416;TFO:185M))
21-Oct-14	12:20	13:45	1.42	4252	4320	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	13:45	13:50	0.08	4320	4320	Survey & Conn.	Survey & Conn.@4280' Inc 1.1° Azm 14°
21-Oct-14	13:50	14:20	0.50	4320	4329	Sliding	Sliding - (WOB:10;GPM :416;TFO:200M))
21-Oct-14	14:20	15:40	1.33	4329	4408	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	15:40	15:45	0.08	4408	4408	Survey & Conn.	Survey & Conn.@4368' Inc 0.1° Azm 262°
21-Oct-14	15:45	17:15	1.50	4408	4494	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	17:15	17:20	0.08	4494	4494	Survey & Conn.	Survey & Conn.@4454' Inc 0.9° Azm 214.2°
21-Oct-14	17:20	19:10	1.83	4494	4582	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	19:10	19:15	0.08	4582	4582	Survey & Conn.	Survey & Conn.@4542' Inc 1.5° Azm 224°
21-Oct-14	19:15	19:40	0.42	4582	4582	Other	Attempt to slide. No toolface.
21-Oct-14	19:40	19:50	0.17	4582	4594	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	19:50	19:55	0.08	4594	4594	Other	Attempt to slide. No toolface.
21-Oct-14	19:55	20:05	0.17	4594	4604	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	20:05	20:15	0.17	4604	4604	Other	Attempt to slide. No toolface.
21-Oct-14	20:15	20:25	0.17	4604	4614	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	20:25	20:35	0.17	4614	4614	Other	Attempt to slide. No toolface.
21-Oct-14	20:35	20:45	0.17	4614	4625	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	20:45	21:00	0.25	4625	4625	Other	Check shot @ 4,585', 1.5 inc., 224 az.
21-Oct-14	21:00	21:35	0.58	4625	4669	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
21-Oct-14	21:35	21:50	0.25	4669	4669	Survey & Conn.	Survey & Conn.@4629' Inc 1.7° Azm 209°
21-Oct-14	21:50	22:10	0.33	4669	4669	Other	Attempt to sync MWD
21-Oct-14	22:10	23:10	1.00	4682	4682	Sliding	Sliding - (WOB:10;GPM :416;TFO:200M)
21-Oct-14	23:10	24:00	0.83	4682	4740	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)

RECEIVED: Feb. 11, 2015

CRESCENT DIRECTIONAL DRILLING

JOB NO.:	CA141926	Report Time:	2400	4 of 4
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Monday, October 20, 2014 at 0000 to Monday, October 20, 2014 at 2400

DRILLING SUMMARY

Start Depth	3019.00	Rotary Hours	12.75
End Depth	4146.00	Circulating Hours	0.00
Total Drilled:	1127.00	Avg. Total ROP:	51.03
Total Rotary Drilled:	1014.00	Avg. Rotary ROP:	79.53
Total Drilled Sliding:	113.00	Avg. Slide ROP:	12.11
Slide Hours:	9.33	Percent Rotary:	89.97
Below Rotary Hrs.	24.00	Percent Slide:	10.03

Drilling Parameters

WOB	15	Pick UP	86	Slack Off	70	SPM	
RAB	81	SPP	955	FlowRate	416 - 416	122	

Mud Data

Type				PV	1	SOLID	1
Weight	8.4	GAS	0	YP	1	BHT°	70
Viscosity	27	SAND	0	PH	9	Flow T°	0
Chlorides	2000	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 1: Baker Q506F, 6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ, UBHO, NMDC, Gap Sub, NMDC, 2 DC, 16 joints 4 1/2 Hevi, ,

Signature:

Incl. In:	3.6	Azm. In:	9.4	Incl. Out:	4.3	Azm. Out:	357.3

Daily Cost	$8,450.00
Cummulative Cost:	$39,540.00

GENERAL COMMENT

Drilling ahead in tagent in Green River.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Oct-14	00:00	00:15	0.25	3019	3022	Sliding	Sliding - (WOB:10;GPM :416;TFO:280M)
20-Oct-14	00:15	01:00	0.75	3022	3106	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	01:00	01:05	0.08	3106	3106	Survey & Conn.	Survey & Conn.@3066' Inc 2.6° Azm 9.3°
20-Oct-14	01:05	01:55	0.83	3106	3191	Drilling	Drilling - (WOB:10;GPM :416;RPM:60)
20-Oct-14	01:55	02:00	0.08	3191	3191	Survey & Conn.	Survey & Conn.@3151' Inc 2.1° Azm 10.6°
20-Oct-14	02:00	02:15	0.25	3191	3194	Sliding	Sliding - (WOB:10;GPM :416;TFO:280M)
20-Oct-14	02:15	03:20	1.08	3194	3278	Drilling	Drilling - (WOB:10;GPM :416;RPM:60)
20-Oct-14	03:20	03:25	0.08	3278	3278	Survey & Conn.	Survey & Conn.@3238' Inc 2.6° Azm 8°
20-Oct-14	03:25	04:15	0.83	3278	3364	Drilling	Drilling - (WOB:10;GPM :416;RPM:60)
20-Oct-14	04:15	04:20	0.08	3364	3364	Survey & Conn.	Survey & Conn.@3324' Inc 1.7° Azm 8°
20-Oct-14	04:20	04:55	0.58	3364	3369	Sliding	Sliding - (WOB:5;GPM :416;TFO:30M))
20-Oct-14	04:55	05:20	0.42	3369	3407	Drilling	Drilling - (WOB:10;GPM :416;RPM:60)
20-Oct-14	05:20	06:05	0.75	3407	3414	Sliding	Sliding - (WOB:5;GPM :416;TFO:30M))
20-Oct-14	06:05	06:30	0.42	3414	3450	Drilling	Drilling - (WOB:10;GPM :416;RPM:60)
20-Oct-14	06:30	06:35	0.08	3450	3450	Survey & Conn.	Survey & Conn.@3410' Inc 2.1° Azm 14.2°
20-Oct-14	06:35	07:00	0.42	3450	3460	Sliding	Sliding - (WOB:10;GPM :416;TFO:30M)
20-Oct-14	07:00	07:35	0.58	3460	3535	Drilling	Drilling - (WOB:10;GPM :416;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Oct-14	07:35	07:40	0.08	3535	3535	Survey & Conn.	Survey & Conn.@3495' Inc 2.8° Azm 7.8°
20-Oct-14	07:40	07:55	0.25	3535	3539	Sliding	Sliding - (WOB:10;GPM :416;TFO:15M)
20-Oct-14	07:55	08:20	0.42	3539	3578	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	08:20	08:45	0.42	3578	3589	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
20-Oct-14	08:45	09:00	0.25	3589	3621	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	09:00	09:05	0.08	3621	3621	Survey & Conn.	Survey & Conn.@3581' Inc 2.3° Azm 1.6°
20-Oct-14	09:05	09:45	0.67	3621	3637	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
20-Oct-14	09:45	10:40	0.92	3637	3709	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	10:40	10:45	0.08	3709	3709	Survey & Conn.	Survey & Conn.@3669' Inc 3.1° Azm 16.8°
20-Oct-14	10:45	11:05	0.33	3709	3714	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
20-Oct-14	11:05	12:10	1.08	3714	3796	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	12:10	12:15	0.08	3796	3796	Survey & Conn.	Survey & Conn.@3756' Inc 2.9° Azm 14.1°
20-Oct-14	12:15	12:35	0.33	3796	3801	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M)
20-Oct-14	12:35	13:15	0.67	3801	3840	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	13:15	13:35	0.33	3840	3845	Sliding	Sliding - (WOB:10;GPM :416;TFO:60M))
20-Oct-14	13:35	14:25	0.83	3845	3884	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	14:25	14:30	0.08	3884	3884	Survey & Conn.	Survey & Conn.@3844' Inc 3.7° Azm 359.4°
20-Oct-14	14:30	14:55	0.42	3884	3895	Sliding	Sliding - (WOB:10;GPM :416;TFO:60M))
20-Oct-14	14:55	16:10	1.25	3895	3970	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	16:10	16:15	0.08	3970	3970	Survey & Conn.	Survey & Conn.@3930' Inc 2.7° Azm 9.6°
20-Oct-14	16:15	17:00	0.75	3970	4014	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	17:00	17:30	0.50	4014	4014	Rig Service-Inhole	Rig Service-Inhole
20-Oct-14	17:30	18:05	0.58	4014	4058	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	18:05	18:10	0.08	4058	4058	Survey & Conn.	Survey & Conn.@4018' Inc 3.2° Azm 1.7°
20-Oct-14	18:10	20:30	2.33	4058	4070	Sliding	Sliding - (WOB:10;GPM :416;TFO:90M))
20-Oct-14	20:30	21:20	0.83	4070	4114	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	21:20	21:25	0.08	4114	4114	Survey & Conn.	Survey & Conn.@4106' Inc 4.3° Azm 357.3°
20-Oct-14	21:25	23:25	2.00	4114	4130	Sliding	Sliding - (WOB:10;GPM :416;TFO:90M)
20-Oct-14	23:25	23:40	0.25	4130	4146	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
20-Oct-14	23:40	24:00	0.33	4146	4146	Survey & Conn.	Survey & Conn.@4106' Inc 4.3° Azm 357.3°

RECEIVED: Feb. 11, 2015

JOB NO.:	CA141926	Report Time:	2400	3 of 4	
Company:	Finley Resources	API JOB #	430475544870000		
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#			
RIG NAME:	Capstar 329	FIELD:	Three Rivers		
STATE:	Utah	Township:	3F		
COUNTY:	Unitah	SECT\RANGE:	36	2E	
WELL NAME:	Gardner 36-10A-3-2				

From Sunday, October 19, 2014 at 0000 to Sunday, October 19, 2014 at 2400

DRILLING SUMMARY

Start Depth	940.00	Rotary Hours	15.75
End Depth	3019.00	Circulating Hours	0.00
Total Drilled:	2079.00	Avg. Total ROP:	109.90
Total Rotary Drilled:	2006.00	Avg. Rotary ROP:	127.37
Total Drilled Sliding:	73.00	Avg. Slide ROP:	23.05
Slide Hours:	3.17	Percent Rotary:	96.49
Below Rotary Hrs.	24.00	Percent Slide:	3.51

Drilling Parameters

WOB	15	Pick UP	65	Slack Off	55	SPM			
RAB	50	SPP	840	FlowRate	0 - 416	122			

Mud Data

Type		PV	1	SOLID	1		
Weight	8.4	GAS	0	YP	1	BHT°	70
Viscosity	27	SAND	0	PH	9	Flow T°	0
Chlorides	2000	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 1: Baker Q506F, 6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ, UBHO, NMDC, Gap Sub, NMDC, 2 DC, 16 joints 4 1/2 Hevi, ,

Signature:

Incl. In:	0.3	Azm. In:	282.8	Incl. Out:	3.6	Azm. Out:	9.4

Daily Cost	$8,450.00
Cummulative Cost:	$31,090.00

GENERAL COMMENT

Drilling ahead in tangent.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Oct-14	00:00	01:30	1.50	0	0	Change BHA	Change BHA
19-Oct-14	01:30	02:35	1.08	0	940	TIH	TIH/tag cement
19-Oct-14	02:35	03:25	0.83	940	1010	Drilling Cement	TIH
19-Oct-14	03:25	04:10	0.75	1010	1109	Drilling	Rotate
19-Oct-14	04:10	04:15	0.08	1109	1109	Survey & Conn.	Survey & Conn.@1069' Inc 0.3° Azm 282.8°
19-Oct-14	04:15	04:40	0.42	1109	1121	Sliding	Sliding
19-Oct-14	04:40	05:00	0.33	1121	1196	Drilling	Drilling - (WOB:0;GPM :0;RPM:0)
19-Oct-14	05:00	05:10	0.17	1196	1196	Survey & Conn.	Survey & Conn.@1156' Inc 1.2° Azm 73.1°
19-Oct-14	05:10	05:25	0.25	1196	1206	Sliding	Sliding - (WOB:0;GPM :0;TFO:0)
19-Oct-14	05:25	05:50	0.42	1206	1283	Drilling	Drilling - (WOB:0;GPM :0;RPM:0)
19-Oct-14	05:50	05:55	0.08	1283	1283	Survey & Conn.	Survey & Conn.@1243' Inc 2.4° Azm 35.2°
19-Oct-14	05:55	06:15	0.33	1283	1292	Sliding	Sliding - (WOB:0;GPM :0;TFO:0)
19-Oct-14	06:15	06:45	0.50	1292	1370	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	06:45	06:50	0.08	1370	1370	Survey & Conn.	Survey & Conn.@1330' Inc 2.9° Azm 21.1°
19-Oct-14	06:50	07:05	0.25	1370	1374	Sliding	Sliding - (WOB:10;GPM :0;TFO:340M))
19-Oct-14	07:05	07:40	0.58	1374	1457	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	07:40	07:45	0.08	1457	1457	Survey & Conn.	Survey & Conn.@1417' Inc 2.9° Azm 8.1°

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Oct-14	07:45	08:00	0.25	1457	1461	Sliding	Sliding - (WOB:10;GPM :0;TFO:70M))
19-Oct-14	08:00	08:30	0.50	1461	1542	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	08:30	08:35	0.08	1542	1542	Survey & Conn.	Survey & Conn.@1502' Inc 3.21° Azm 23.2°
19-Oct-14	08:35	09:10	0.58	1542	1630	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	09:10	09:15	0.08	1630	1630	Survey & Conn.	Survey & Conn.@1590' Inc 2.5° Azm 20°
19-Oct-14	09:15	09:30	0.25	1630	1637	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
19-Oct-14	09:30	10:05	0.58	1637	1716	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	10:05	10:10	0.08	1716	1716	Survey & Conn.	Survey & Conn.@1676' Inc 3.1° Azm 21.7°
19-Oct-14	10:10	10:40	0.50	1716	1804	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	10:40	10:45	0.08	1804	1804	Survey & Conn.	Survey & Conn.@1764' Inc 2.9° Azm 16.2°
19-Oct-14	10:45	10:55	0.17	1804	1806	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
19-Oct-14	10:55	11:25	0.50	1806	1890	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	11:25	11:30	0.08	1890	1890	Survey & Conn.	Survey & Conn.@1850' Inc 3.6° Azm 21.5°
19-Oct-14	11:30	12:05	0.58	1890	1977	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	12:05	12:10	0.08	1977	1977	Survey & Conn.	Survey & Conn.@1937' Inc 3° Azm 15.4°
19-Oct-14	12:10	12:20	0.17	1977	1982	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
19-Oct-14	12:20	12:55	0.58	1982	2063	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	12:55	13:00	0.08	2063	2063	Survey & Conn.	Survey & Conn.@2023' Inc 3.6° Azm 16°
19-Oct-14	13:00	13:10	0.17	2063	2066	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
19-Oct-14	13:10	13:55	0.75	2066	2149	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	13:55	14:00	0.08	2149	2149	Survey & Conn.	Survey & Conn.@2109' Inc 3.3° Azm 20.1°
19-Oct-14	14:00	14:45	0.75	2149	2236	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	14:45	14:50	0.08	2236	2236	Survey & Conn.	Survey & Conn.@2196' Inc 3.5° Azm 15.6°
19-Oct-14	14:50	15:00	0.17	2236	2240	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M))
19-Oct-14	15:00	15:55	0.92	2240	2322	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	15:55	16:00	0.08	2322	2322	Survey & Conn.	Survey & Conn.@2282' Inc 3.5° Azm 25.6°
19-Oct-14	16:00	16:50	0.83	2322	2409	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	16:50	17:20	0.50	2409	2409	Rig Service-Inhole	Rig Service-Inhole
19-Oct-14	17:20	17:25	0.08	2409	2409	Survey & Conn.	Survey & Conn.@2369' Inc 3.3° Azm 24.8°
19-Oct-14	17:25	17:40	0.25	2409	2414	Sliding	Sliding - (WOB:10;GPM :416;TFO:40M)
19-Oct-14	17:40	18:30	0.83	2414	2496	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	18:30	18:35	0.08	2496	2496	Survey & Conn.	Survey & Conn.@2456' Inc 3.2° Azm 18.7°
19-Oct-14	18:35	19:20	0.75	2496	2583	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	19:20	19:25	0.08	2583	2583	Survey & Conn.	Survey & Conn.@2543' Inc 3° Azm 17.3°
19-Oct-14	19:25	20:00	0.58	2583	2671	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	20:00	20:05	0.08	2671	2671	Survey & Conn.	Survey & Conn.@2631' Inc 2.8° Azm 16.5°
19-Oct-14	20:05	20:50	0.75	2671	2758	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	20:50	20:55	0.08	2758	2758	Survey & Conn.	Survey & Conn.@2718' Inc 2.7° Azm 12.1°
19-Oct-14	20:55	21:10	0.25	2758	2762	Sliding	Sliding - (WOB:10;GPM :416;TFO:70M))
19-Oct-14	21:10	22:00	0.83	2762	2846	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	22:00	22:05	0.08	2846	2846	Survey & Conn.	Survey & Conn.@2806' Inc 3.8° Azm 22.2°
19-Oct-14	22:05	22:20	0.25	2846	2850	Sliding	Sliding - (WOB:10;GPM :416;TFO:280M))
19-Oct-14	22:20	23:00	0.67	2850	2932	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	23:00	23:05	0.08	2932	2932	Survey & Conn.	Survey & Conn.@2892' Inc 3.4° Azm 9.8°
19-Oct-14	23:05	23:55	0.83	2932	3019	Drilling	Drilling - (WOB:15;GPM :416;RPM:60)
19-Oct-14	23:55	24:00	0.08	3019	3019	Survey & Conn.	Survey & Conn.@2979' Inc 3.6° Azm 9.4°

JOB NO.:	CA141926	Report Time:	2400	2 of 3
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Saturday, October 18, 2014 at 0000 to Saturday, October 18, 2014 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	0.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM			
RAB	0	SPP	0	FlowRate	0 - 0	0			

Mud Data

Type		PV	0	SOLID	0		
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Daily Cost	$5,650.00
Cummulative Cost:	$22,640.00

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Oct-14	00:00	24:00	24.00	0	0	Standby	Standby

RECEIVED: Feb. 11, 2015

JOB NO.:	CA141926	Report Time:	2400	3 of 3
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Sunday, October 19, 2014 at 0000 to Sunday, October 19, 2014 at 2400

DRILLING SUMMARY

Start Depth	940.00	Rotary Hours	2.33
End Depth	1292.00	Circulating Hours	0.00
Total Drilled:	352.00	Avg. Total ROP:	105.60
Total Rotary Drilled:	321.00	Avg. Rotary ROP:	137.57
Total Drilled Sliding:	31.00	Avg. Slide ROP:	31.00
Slide Hours:	1.00	Percent Rotary:	91.19
Below Rotary Hrs.	6.25	Percent Slide:	8.81

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0	0	

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 1: Baker Q506F, 6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ, UBHO, NMDC, Gap Sub, NMDC, 2 DC, 16 joints 4 1/2 Hevi, ,

Signature:

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

Daily Cost	$8,450.00
Cummulative Cost:	$31,090.00

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Oct-14	00:00	01:30	1.50	0	0	Change BHA	Change BHA
19-Oct-14	01:30	02:35	1.08	0	940	TIH	TIH/tag cement
19-Oct-14	02:35	03:25	0.83	940	1010	Drilling Cement	TIH
19-Oct-14	03:25	04:10	0.75	1010	1109	Drilling	Rotate
19-Oct-14	04:10	04:15	0.08	1109	1109	Survey & Conn.	Survey & Conn.@1069_Inc 0.3°_Azm 282.8°
19-Oct-14	04:15	04:40	0.42	1109	1121	Sliding	Sliding
19-Oct-14	04:40	05:00	0.33	1121	1196	Drilling	Drilling - (WOB:0;GPM :0;RPM:0)
19-Oct-14	05:00	05:10	0.17	1196	1196	Survey & Conn.	Survey & Conn.@1156_Inc 1.2°_Azm 73.1°
19-Oct-14	05:10	05:25	0.25	1196	1206	Sliding	Sliding - (WOB:0;GPM :0;TFO:0)
19-Oct-14	05:25	05:50	0.42	1206	1283	Drilling	Drilling - (WOB:0;GPM :0;RPM:0)
19-Oct-14	05:50	05:55	0.08	1283	1283	Survey & Conn.	Survey & Conn.@1243_Inc 2.4°_Azm 35.2°
19-Oct-14	05:55	06:15	0.33	1283	1292	Sliding	Sliding - (WOB:0;GPM :0;TFO:0)

JOB NO.:	CA141926	Report Time:	2400	2 of 3
Company:	Finley Resources	API JOB #	430475544870000	
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#		
RIG NAME:	Capstar 329	FIELD:	Three Rivers	
STATE:	Utah	Township:	3F	
COUNTY:	Unitah	SECT\RANGE:	36	2E
WELL NAME:	Gardner 36-10A-3-2			

From Saturday, October 18, 2014 at 0000 to Saturday, October 18, 2014 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	0.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM			
RAB	0	SPP	0	FlowRate	0 - 0	0			

Mud Data

Type		PV	0	SOLID	0		
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Daily Cost	$5,650.00
Cummulative Cost:	$22,640.00

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Oct-14	00:00	24:00	24.00	0	0	Standby	Standby

RECEIVED: Feb. 11, 2015

JOB NO.:	CA141926	Report Time:	2400 — 1 of 3
Company:	Finley Resources	API JOB #	430475544870000
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	WORK ORDER#	
RIG NAME:	Capstar 329	FIELD:	Three Rivers
STATE:	Utah	Township:	3F
COUNTY:	Unitah	SECT\RANGE:	36 — 2E
WELL NAME:	Gardner 36-10A-3-2		

From Friday, October 17, 2014 at 0000 to Friday, October 17, 2014 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	0.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0	0	

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	Alan Caswell
Second Directional :	Tommy Ross/Mike Martin
MWD Operator1	Dirk Lockard
MWD Operator2	
Directional Company:	Crescent
Geologist:	
Company Man:	Lynn Rich

Incl. In:	0	Azm. In:	0	Incl. Out:	0

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Daily Cost	$16,990.00
Azm. Out: 0 — Cummulative Cost:	$16,990.00

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
17-Oct-14	00:00	24:00	24.00	0	0	Standby	Tools and people on location.

RECEIVED: Feb. 11, 2015

Well Information

BHA # 1

SDI Job #:	CA141926	FIELD:	Three Rivers
COMPANY:	Finley Resources	Sec-Twn-Rng:	3F
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	PO #/DISTRICT	36 2E
RIG NAME:	Capstar 329	Lead DD:	Alan Caswell
STATE:	Utah	Co. Man:	Lynn Rich
COUNTY:	Unitah	BHA TYPE:	Steerable Assembly
WELL NAME:	Gardner 36-10A-3-2		

BHA Summary Information

TIME IN -OUT		Rotary Hours	29.92	Start Depth	940.00	RPM	Flow
Start Time	End Time	Circ Hrs Tot/Only	42.42 / .00	End Depth	4233.00	Range	Rate
19-Oct-14 @ 00:00	21-Oct-14 @ 08:10	Slide Hours	12.50	Percent Rotary:	94.35	0 -60	0 -416
		Below Rotary Hrs.	56.17	Percent Slide:	5.65		

				Incl.		Azimuth	
Total Drilled:	3293.00	Avg. Total ROP:	77.63	IN	OUT	IN	OUT
Total Rotary Drilled:	3107.00	Avg. Rotary ROP:	103.86				
Total Drilled Sliding:	186.00	Avg. Slide ROP:	14.88	.0	.0	.00	.00

SPP	0 -955	Weights	SO	0 -70	PU	0 -86	RAB	0 -81	Reason POOH	DTF

Bit Data

BAKER	Baker Q506F
Type Bit	PDC
TFA	1.178
JETS	16 16 16 16 16 / 16 0 0 0 0
Bit Coding	IADC#

IR	OR	DL	Loc	BS	G	ODL
0	0					

Bit Drop: 96 PSI @ 416 GPM

Motor Data

6/12 7:8 3.0 Slow HR .155rpg 1.5 ADJ

Model:	783	Pad OD	
MFG.	Crescent		7.1875
Bend °	1.5	Stator/Rotor	7:8
Bit to Bend	5.93	Motor Diff	
Rev/GAL	0.155		
NB Stab	0		
Rotor Jet	0		

Sensor Offsets

Sensor	40	Sonic	0
Gamma	0	DNSC	1010
Restiv	0	GYRO	0

Mud Data

Type

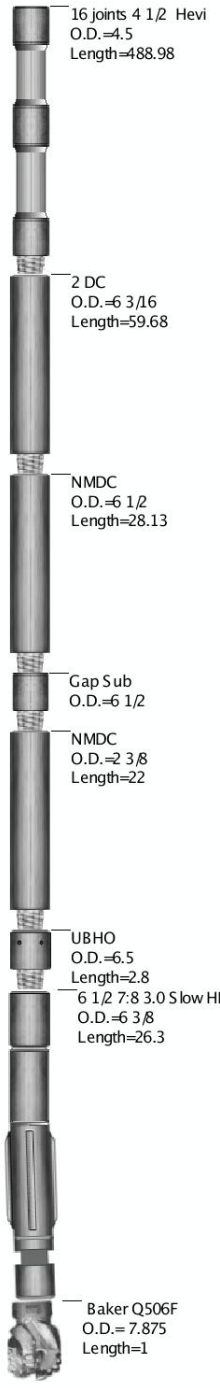
WT	8.4	GAS	0	Solids	1
Vis	27	SAND	0	T °	0
PV	1	PH	9	Chlor	2000
YP	1	WL	0	Oil %	0
				BHT°	70

Pumps	PUMP1	PUMP1
NAME		
Model		
Type		
Liner	.00	.00
Stroke	.00	.00
Efficency	.00	.00

Comments

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Baker Q506F	7152623		7.875	1.00	1.00	4 1/2 REGP
2	6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ	CD675115		6 3/8	26.30	27.30	4 1/2 XHB
3	UBHO	CD650164	3 1/4	6.5	2.80	30.10	4 1/2 XHB
4	NMDC	SD411957	6 1/2	2 3/8	22.00	52.10	4 1/2 XHB
5	Gap Sub	CGS650610	3 1/4	6 1/2	4.16	56.26	4 1/2 XHB
6	NMDC	SD46219	2 3/8	6 1/2	28.13	84.39	4 1/2 XHB
7	2 DC	RIC	2 3/8	6 3/16	59.68	144.07	4 1/2 XHB
8	16 joints 4 1/2 Hevi	HWDP-2.75-	2.75	4.5	488.98	633.05	4 1/2 XHB
9					0.00	633.05	



Winsurv2 BHA Report -License: NP3209

RECEIVED: Feb. 11, 2015

Well Information

BHA # 2

CRESCENT DIRECTIONAL DRILLING

SDI Job #:	CA141926	**FIELD:**	Three Rivers
COMPANY:	Finley Resources	**Sec-Twn-Rng:**	3F
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	**PO #/DISTRICT**	36 2E
RIG NAME:	Capstar 329	**Lead DD:**	Alan Caswell
STATE:	Utah	**Co. Man:**	Lynn Rich
COUNTY:	Unitah	**BHA TYPE:**	Steerable Assembly
WELL NAME:	Gardner 36-10A-3-2		

BHA Summary Information

TIME IN -OUT		Rotary Hours	45.75	Start Depth	4233.00	RPM	Flow
Start Time	End Time	Circ Hrs Tot/Only	95.17 / 29.33	End Depth	7282.00	Range	Rate
21-Oct-14 @ 08:10	26-Oct-14 @ 17:50	Slide Hours	20.08	Percent Rotary:	90.54	60 -65	416 -416
		Below Rotary Hrs.	129.67	Percent Slide:	9.46		

				Incl.		Azimuth	
Total Drilled:	3022.00	Avg. Total ROP:	45.90	IN	OUT	IN	OUT
Total Rotary Drilled:	2736.00	Avg. Rotary ROP:	59.80				
Total Drilled Sliding:	286.00	Avg. Slide ROP:	14.24	.0	.0	.00	.00

SPP	955 -1220	Weights	SO	70 -119	PU	86 -140	RAB	81 -123	Reason POOH	

Bit Data

BAKER	Baker Q506F
Type Bit	PDC
TFA	1.178

JETS					
16	16	16	16	16	16
16	0	0	0	0	0

Bit Coding							IADC#
IR	OR	DL	Loc	BS	G	ODL	
2	3	BT					

Bit Drop: 108 PSI @ 416 GPM

Motor Data

6/12 7:8 3.0 Slow HR .155rpg 1.5 ADJ

Model:	783	Pad OD	
MFG.	Crescent		7.1875
Bend °	1.5	Stator/Rotor	7:8
Bit to Bend	5.93	Motor Diff	
Rev/GAL	0.155		
NB Stab	0		
Rotor Jet	0		

Sensor Offsets

Sensor	40	Sonic	0
Gamma	0	DNSC	4233
Restiv	0	GYRO	0

Mud Data

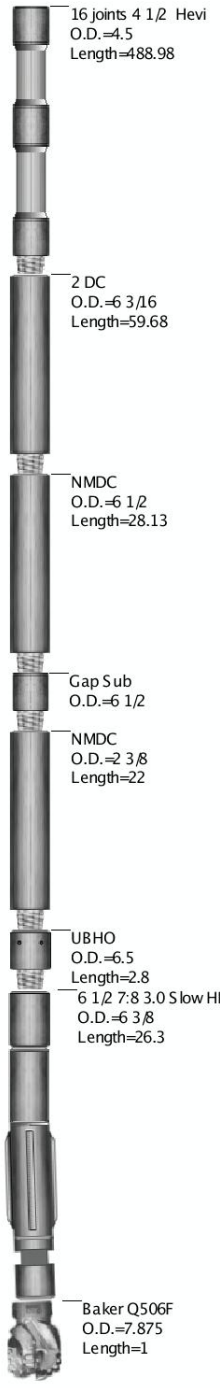
Type	Brine				
WT	9.4	GAS	0	Solids	8
Vis	28	SAND	0	T °	0
PV	2	PH	8.5	Chlor	52000
YP	1	WL	0	Oil %	0
				BHT°	130

Pumps	PUMP1	PUMP1
NAME		
Model		
Type		
Liner	.00	.00
Stroke	.00	.00
Efficency	.00	.00

Comments

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Baker Q506F	7152623		7.875	1.00	1.00	4 1/2 REGP
2	6 1/2 7:8 3.0 Slow HR .155 rpg 1.5 ADJ	CD675115		6 3/8	26.30	27.30	4 1/2 XHB
3	UBHO	CD650164	3 1/4	6.5	2.80	30.10	4 1/2 XHB
4	NMDC	SD411957	6 1/2	2 3/8	22.00	52.10	4 1/2 XHB
5	Gap Sub	CGS650611	2 13/16	6 1/2	4.19	56.29	4 1/2 XHB
6	NMDC	SD46219	2 3/8	6 1/2	28.13	84.42	4 1/2 XHB
7	2 DC	RIC	2 3/8	6 3/16	59.68	144.10	4 1/2 XHB
8	16 joints 4 1/2 Hevi	HWDP-2.75-	2.75	4.5	488.98	633.08	4 1/2 XHB
9					0.00	633.08	



Winsurv2 BHA Report -License: NP3209

CRESCENT DIRECTIONAL DRILLING

SDI Job #:	CA141926	FIELD:	Three Rivers
COMPANY:	Finley Resources	Sec-Twn-Rng:	3F
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	SD District	2E
RIG NAME:	Capstar 329		
STATE:	Utah		
COUNTY:	Country		
WELL NAME:	Gardner 36-10A-3-2		

MOTOR INFORMATION

Desc: 6/12 7:8 3.0 Slow HR .155rpg 1.5 ADJ
Bent Hsg/Sub: 1.5 / 1.5 Bit to Bend: 5.93
PAD OD: 7.1875 NB Stab:

Slide Report for all BHA's in Job: CA141926

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	19-Oct	Drilling	03:25	04:10	0.75	1010	1109	99		132.0	0	0				0.42	62.04	1.69	
1	19-Oct	Sliding	04:15	04:40	0.42	1109	1121	12		28.8	0	0				0.63	67.52	1.69	
1	19-Oct	Drilling	04:40	05:00	0.33	1121	1196	75		225.0	0	0				1.66	49.05	1.87	
1	19-Oct	Sliding	05:10	05:25	0.25	1196	1206	10		40.0	0	0				1.81	45.18	1.87	
1	19-Oct	Drilling	05:25	05:50	0.42	1206	1283	77		184.8	0	0				2.61	28.05	0.94	
1	19-Oct	Sliding	05:55	06:15	0.33	1283	1292	9		27.0	0	0				2.66	26.60	0.94	
1	19-Oct	Drilling	06:15	06:45	0.50	1292	1370	78	15	156.0	60	7500	416	840		2.88	15.13	0.75	
1	19-Oct	Sliding	06:50	07:05	0.25	1370	1374	4	10	16.0	60	7500	416	840	340M	2.88	14.52	0.75	
1	19-Oct	Drilling	07:05	07:40	0.58	1374	1457	83	15	142.3	60	7500	416	840		3.02	15.59	1.01	
1	19-Oct	Sliding	07:45	08:00	0.25	1457	1461	4	10	16.0	60	7500	416	840	70M	3.03	16.30	1.01	
1	19-Oct	Drilling	08:00	08:30	0.50	1461	1542	81	15	162.0	60	7500	416	840		2.89	21.94	0.83	
1	19-Oct	Drilling	08:35	09:10	0.58	1542	1630	88	15	150.9	60	7500	416	840		2.78	20.88	0.70	
1	19-Oct	Sliding	09:15	09:30	0.25	1630	1637	7	10	28.0	60	7500	416	840	40M	2.83	21.02	0.70	
1	19-Oct	Drilling	09:30	10:05	0.58	1637	1716	79	15	135.4	60	7500	416	840		3.01	19.29	0.40	
1	19-Oct	Drilling	10:10	10:40	0.50	1716	1804	88	15	176.0	60	7500	416	840		3.22	18.95	0.88	
1	19-Oct	Sliding	10:45	10:55	0.17	1804	1806	2	10	12.0	60	7500	416	840	40M	3.24	19.07	0.88	
1	19-Oct	Drilling	10:55	11:25	0.50	1806	1890	84	15	168.0	60	7500	416	840		3.32	18.97	0.80	
1	19-Oct	Drilling	11:30	12:05	0.58	1890	1977	87	15	149.1	60	7500	416	840		3.28	15.71	0.70	
1	19-Oct	Sliding	12:10	12:20	0.17	1977	1982	5	10	30.0	60	7500	416	840	40M	3.31	15.74	0.70	
1	19-Oct	Drilling	12:20	12:55	0.58	1982	2063	81	15	138.9	60	7500	416	840		3.46	17.82	0.45	
1	19-Oct	Sliding	13:00	13:10	0.17	2063	2066	3	10	18.0	60	7500	416	840	80M	3.45	17.96	0.45	
1	19-Oct	Drilling	13:10	13:55	0.75	2066	2149	83	15	110.7	60	7500	416	840		3.39	17.97	0.38	
1	19-Oct	Drilling	14:00	14:45	0.75	2149	2236	87	15	116.0	60	7500	416	840		3.49	20.25	0.71	
1	19-Oct	Sliding	14:50	15:00	0.17	2236	2240	4	10	24.0	60	7500	416	840	40M	3.49	20.72	0.71	
1	19-Oct	Drilling	15:00	15:55	0.92	2240	2322	82	15	89.5	60	7500	416	840		3.41	25.24	0.24	
1	19-Oct	Drilling	16:00	16:50	0.83	2322	2409	87	15	104.4	60	7500	416	840		3.25	22.04	0.41	

Slide Report for all BHA's in Job: CA141926

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#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	19-Oct	Sliding	17:25	17:40	0.25	2409	2414	5	10	20.0	60	7500	416	840	40M	3.24	21.69	0.41	
1	19-Oct	Drilling	17:40	18:30	0.83	2414	2496	82	15	98.4	60	7500	416	840		3.11	18.08	0.25	
1	19-Oct	Drilling	18:35	19:20	0.75	2496	2583	87	15	116.0	60	7500	416	840		2.91	16.95	0.23	
1	19-Oct	Drilling	19:25	20:00	0.58	2583	2671	88	15	150.9	60	7500	416	840		2.75	14.52	0.27	
1	19-Oct	Drilling	20:05	20:50	0.75	2671	2758	87	15	116.0	60	7500	416	840		3.19	17.55	1.40	
1	19-Oct	Sliding	20:55	21:10	0.25	2758	2762	4	10	16.0	60	7500	416	840	70M	3.24	18.01	1.40	
1	19-Oct	Drilling	21:10	22:00	0.83	2762	2846	84	15	100.8	60	7500	416	840		3.59	16.78	1.02	
1	19-Oct	Sliding	22:05	22:20	0.25	2846	2850	4	10	16.0	60	7500	416	840	280M	3.57	16.20	1.02	
1	19-Oct	Drilling	22:20	23:00	0.67	2850	2932	82	15	123.0	60	7500	416	840		3.49	9.61	0.23	
1	19-Oct	Drilling	23:05	23:55	0.83	2932	3019	87	15	104.4	60	7500	416	840		3.14	9.36	1.15	
1	20-Oct	Sliding	00:00	00:15	0.25	3019	3022	3	10	12.0	60	8200	416	955	280M	3.11	9.36	1.15	
1	20-Oct	Drilling	00:15	01:00	0.75	3022	3106	84	10	112.0	60	8200	416	955	280M	2.36	9.84	0.59	
1	20-Oct	Drilling	01:05	01:55	0.83	3106	3191	85	10	102.0	60	8200	416	955		2.33	9.27	0.59	
1	20-Oct	Sliding	02:00	02:15	0.25	3191	3194	3	10	12.0	60	8200	416	955	280M	2.35	9.18	0.59	
1	20-Oct	Drilling	02:15	03:20	1.08	3194	3278	84	10	77.5	60	8200	416	955		2.18	8.00	1.05	
1	20-Oct	Drilling	03:25	04:15	0.83	3278	3364	86	10	103.2	60	8200	416	955		1.88	11.21	0.52	
1	20-Oct	Sliding	04:20	04:55	0.58	3364	3369	5	10	8.6	60	8200	416	955	30M	1.91	11.57	0.52	
1	20-Oct	Drilling	04:55	05:20	0.42	3369	3407	38	10	91.2	60	8200	416	955		2.09	14.02	0.52	
1	20-Oct	Sliding	05:20	06:05	0.75	3407	3414	7	10	9.3	60	8200	416	955	30M	2.13	13.81	0.88	
1	20-Oct	Drilling	06:05	06:30	0.42	3414	3450	36	10	86.4	60	8200	416	955		2.43	10.73	0.88	
1	20-Oct	Sliding	06:35	07:00	0.42	3450	3460	10	10	24.0	60	8200	416	955	15M	2.51	10.00	0.88	
1	20-Oct	Drilling	07:00	07:35	0.58	3460	3535	75	10	128.6	60	8200	416	955		2.56	5.22	0.66	
1	20-Oct	Sliding	07:40	07:55	0.25	3535	3539	4	10	16.0	60	8200	416	955	15M	2.54	4.93	0.66	
1	20-Oct	Drilling	07:55	08:20	0.42	3539	3578	39	15	93.6	60	8200	416	955		2.32	1.86	0.66	
1	20-Oct	Sliding	08:20	08:45	0.42	3578	3589	11	10	26.4	60	8200	416	955	40M	2.36	3.39	1.21	
1	20-Oct	Drilling	08:45	09:00	0.25	3589	3621	32	15	128.0	60	8200	416	955		2.64	9.64	1.21	
1	20-Oct	Sliding	09:05	09:45	0.67	3621	3637	16	10	24.0	60	8200	416	955	40M	2.79	12.29	1.21	
1	20-Oct	Drilling	09:45	10:40	0.92	3637	3709	72	15	78.5	60	8200	416	955		3.01	15.60	0.28	
1	20-Oct	Sliding	10:45	11:05	0.33	3709	3714	5	10	15.0	60	8200	416	955	40M	3.00	15.45	0.28	
1	20-Oct	Drilling	11:05	12:10	1.08	3714	3796	82	15	75.7	60	8200	416	955		3.24	6.52	1.32	
1	20-Oct	Sliding	12:15	12:35	0.33	3796	3801	5	10	15.0	60	8200	416	955	40M	3.28	5.69	1.32	
1	20-Oct	Drilling	12:35	13:15	0.67	3801	3840	39	15	58.5	60	8200	416	955		3.66	359.92	1.32	
1	20-Oct	Sliding	13:15	13:35	0.33	3840	3845	5	10	15.0	60	8200	416	955	60M	3.69	359.49	1.33	
1	20-Oct	Drilling	13:35	14:25	0.83	3845	3884	39	15	46.8	60	8200	416	955		3.22	3.36	1.33	
1	20-Oct	Sliding	14:30	14:55	0.42	3884	3895	11	10	26.4	60	8200	416	955	75M	3.09	4.66	1.33	

Slide Report for all BHA's in Job: CA141926

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#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	20-Oct	Drilling	14:55	16:10	1.25	3895	3970	75	15	60.0	60	8200	416	955		2.92	5.67	0.73	
1	20-Oct	Drilling	16:15	17:00	0.75	3970	4014	44	15	58.7	60	8200	416	955		3.18	2.00	0.73	
1	20-Oct	Drilling	17:30	18:05	0.58	4014	4058	44	15	75.4	60	8200	416	955		3.70	359.38	1.29	
1	20-Oct	Sliding	18:10	20:30	2.33	4058	4070	12	10	5.1	60	8200	416	955	90M	3.85	358.80	1.29	
1	20-Oct	Drilling	20:30	21:20	0.83	4070	4114	44	15	52.8	60	8200	416	955		4.17	357.83	1.71	
1	20-Oct	Sliding	21:25	23:25	2.00	4114	4130	16	10	8.0	60	8200	416	955	90M	3.91	358.99	1.71	
1	20-Oct	Drilling	23:25	23:40	0.25	4130	4146	16	15	64.0	60	8200	416	955		3.65	0.33	1.71	
1	21-Oct	Drilling	00:00	01:10	1.17	4146	4215	69	15	59.1	60	8200	416	955		0.00	0.00	0.00	
1	21-Oct	Drilling	01:25	01:40	0.25	4215	4233	18	15	72.0	60	8200	416	955		0.00	0.00	0.00	
2	21-Oct	Sliding	11:00	11:15	0.25	4233	4234	1	10	4.0	60	8200	416	955	185M	2.05	7.72	2.09	
2	21-Oct	Sliding	11:30	12:20	0.83	4236	4252	16	10	19.2	60	8200	416	955	185M	1.67	9.33	2.09	
2	21-Oct	Drilling	12:20	13:45	1.42	4252	4320	68	15	48.0	60	8200	416	955		0.58	9.86	1.30	
2	21-Oct	Sliding	13:50	14:20	0.50	4320	4329	9	10	18.0	60	8200	416	955	200M	0.47	7.69	1.30	
2	21-Oct	Drilling	14:20	15:40	1.33	4329	4408	79	15	59.3	60	8200	416	955		0.46	219.18	0.97	
2	21-Oct	Drilling	15:45	17:15	1.50	4408	4494	86	15	57.3	60	8200	416	955		1.17	219.90	0.72	
2	21-Oct	Drilling	17:20	19:10	1.83	4494	4582	88	15	48.0	60	8200	416	955		1.58	216.64	0.53	
2	21-Oct	Drilling	19:40	19:50	0.17	4582	4594	12	15	72.0	60	8200	416	955		1.61	214.58	0.53	
2	21-Oct	Drilling	19:55	20:05	0.17	4594	4604	10	15	60.0	60	8200	416	955		1.63	212.92	0.53	
2	21-Oct	Drilling	20:15	20:25	0.17	4604	4614	10	15	60.0	60	8200	416	955		1.66	211.31	0.53	
2	21-Oct	Drilling	20:35	20:45	0.17	4614	4625	11	15	66.0	60	8200	416	955		1.69	209.61	0.53	
2	21-Oct	Drilling	21:00	21:35	0.58	4625	4669	44	15	75.4	60	8200	416	955		1.19	208.17	1.27	
2	21-Oct	Sliding	22:10	23:10	1.00	4682	4682	0	10	0.0	60	8200	416	955	200M	1.03	207.72	1.27	
2	21-Oct	Drilling	23:10	24:00	0.83	4682	4740	58	15	69.6	60	8200	416	955		0.74	204.01	0.57	
2	22-Oct	Drilling	00:00	00:10	0.17	4740	4756	16	15	96.0	65	8200	416	955		0.83	203.35	0.57	
2	22-Oct	Drilling	00:15	01:55	1.67	4756	4844	88	15	52.8	65	8200	416	955		1.24	202.42	0.35	
2	22-Oct	Drilling	02:00	03:35	1.58	4844	4931	87	15	54.9	65	8200	416	955		0.44	186.44	2.47	
2	22-Oct	Sliding	03:40	05:20	1.67	4931	4952	21	10	12.6	65	8200	416	955	40M	0.21	86.85	2.47	
2	22-Oct	Drilling	05:20	06:25	1.08	4952	5019	67	15	61.8	60	8200	416	955		0.31	55.00	1.25	
2	22-Oct	Drilling	06:30	07:40	1.17	5019	5105	86	15	73.7	60	8200	416	955		0.48	188.74	0.47	
2	22-Oct	Drilling	07:45	09:25	1.67	5105	5192	87	15	52.2	60	8200	416	955		0.93	192.59	0.61	
2	22-Oct	Drilling	09:30	11:15	1.75	5192	5279	87	15	49.7	60	8200	416	955		0.92	215.61	1.10	
2	22-Oct	Sliding	11:20	12:00	0.67	5279	5290	11	10	16.5	60	8200	416	1120	10M	0.87	222.55	1.10	
2	22-Oct	Drilling	12:00	13:35	1.58	5290	5365	75	15	47.4	60	8200	416	1120		0.80	252.02	0.11	
2	22-Oct	Sliding	13:40	14:40	1.00	5370	5385	15	10	15.0	60	8200	416	1120	60M	0.80	253.63	0.11	
2	22-Oct	Drilling	14:40	15:35	0.92	5385	5452	67	15	73.1	60	8200	416	1120		0.22	354.29	2.16	

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#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	22-Oct	Sliding	15:40	16:40	1.00	5452	5473	21	10	21.0	60	8200	416	1120	70M	0.58	40.08	2.16	
2	22-Oct	Drilling	17:05	17:35	0.50	5473	5496	23	15	46.0	60	8200	416	1120		1.06	49.66	2.16	
2	22-Oct	Sliding	17:35	18:45	1.17	5496	5520	24	10	20.6	60	8200	416	1120	60M	1.25	52.40	0.71	
2	22-Oct	Drilling	18:45	19:00	0.25	5520	5538	18	15	72.0	60	8200	416	1120		1.37	53.91	0.71	
2	22-Oct	Drilling	19:05	21:05	2.00	5538	5625	87	15	43.5	60	8200	416	1120		1.47	57.66	0.58	
2	22-Oct	Drilling	21:10	23:05	1.92	5625	5712	87	15	45.4	60	8200	416	1120		1.11	72.38	0.70	
2	22-Oct	Drilling	23:10	24:00	0.83	5712	5752	40	15	48.0	60	8200	416	1120		1.10	86.94	0.70	
2	23-Oct	Drilling	00:00	00:50	0.83	5752	5799	47	18	56.4	60	12000	416	1220		0.57	37.88	2.18	
2	23-Oct	Sliding	01:00	02:20	1.33	5799	5820	21	10	15.8	60	12000	416	1220	320M	0.68	355.98	2.18	
2	23-Oct	Drilling	02:20	03:10	0.83	5820	5886	66	18	79.2	60	12000	416	1220		0.91	345.19	0.78	
2	23-Oct	Sliding	03:15	03:40	0.42	5886	5893	7	10	16.8	60	12000	416	1220	30M	0.89	348.28	0.78	
2	23-Oct	Drilling	03:40	04:30	0.83	5893	5974	81	18	97.2	60	12000	416	1220		0.30	17.50	1.25	
2	23-Oct	Drilling	04:35	05:25	0.83	5974	6061	87	18	104.4	60	12000	416	1220		0.25	107.88	0.73	
2	23-Oct	Sliding	05:30	06:25	0.92	6061	6076	15	10	16.4	60	12000	416	1220	30M	0.31	88.72	0.73	
2	23-Oct	Drilling	06:25	07:10	0.75	6076	6149	73	18	97.3	60	12000	416	1220		0.23	98.50	0.81	
2	23-Oct	Sliding	07:15	07:50	0.58	6149	6159	10	10	17.1	60	12000	416	1220	30M	0.19	117.95	0.81	
2	23-Oct	Drilling	07:50	08:35	0.75	6159	6236	77	18	102.7	60	12000	416	1220		0.29	176.59	0.16	
2	23-Oct	Sliding	08:40	09:55	1.25	6236	6253	17	10	13.6	60	12000	416	1220	30M	0.29	171.12	0.16	
2	23-Oct	Drilling	09:55	10:50	0.92	6253	6324	71	18	77.5	60	12000	416	1220		0.10	248.27	0.78	
2	23-Oct	Sliding	10:55	11:55	1.00	6324	6341	17	10	17.0	60	12000	416	1220	10M	0.18	292.63	0.78	
2	23-Oct	Drilling	11:55	12:55	1.00	6341	6411	70	18	70.0	60	12000	416	1220		0.25	248.19	0.89	
2	23-Oct	Drilling	13:00	14:30	1.50	6411	6499	88	18	58.7	60	11500	416	1220		0.47	190.12	0.19	
2	23-Oct	Sliding	14:35	15:45	1.17	6503	6516	13	10	11.1	60	11500	416	1220	40M	0.44	187.47	0.19	
2	23-Oct	Drilling	15:45	16:25	0.67	6516	6542	26	18	39.0	60	11500	416	1220		0.40	182.79	0.19	
2	23-Oct	Drilling	16:45	17:20	0.58	6542	6585	43	18	73.7	60	11500	416	1220		0.31	74.80	1.44	
2	23-Oct	Sliding	17:25	19:00	1.58	6585	6607	22	10	13.9	60	11500	416	1220	45M	0.59	53.89	1.44	
2	23-Oct	Drilling	19:00	19:50	0.83	6607	6671	64	18	76.8	60	11500	416	1220		0.77	86.16	1.48	
2	23-Oct	Drilling	19:55	21:15	1.33	6671	6758	87	18	65.3	60	11500	416	1220		0.77	138.14	0.98	
2	23-Oct	Sliding	21:20	21:55	0.58	6758	6767	9	10	15.4	60	11500	416	1220	360M	0.70	142.68	0.98	
2	23-Oct	Drilling	21:55	22:25	0.50	6767	6801	34	18	68.0	60	11500	416	1220		0.51	169.27	0.98	
2	24-Oct	Drilling	10:00	10:45	0.75	6801	6845	44	18	58.7	65	11500	416	1220		0.68	171.40	0.46	
2	24-Oct	Drilling	10:50	12:05	1.25	6845	6933	88	18	70.4	65	11500	416	1220		0.67	156.73	0.72	
2	24-Oct	Sliding	12:10	13:00	0.83	6936	6954	18	10	21.6	65	11500	416	1220	30M	0.58	145.93	0.72	
2	24-Oct	Drilling	13:00	14:05	1.08	6954	7020	66	18	60.9	65	11500	416	1220		0.76	140.28	0.74	
2	24-Oct	Drilling	14:10	15:20	1.17	7020	7108	88	18	75.4	65	11500	416	1220		1.27	155.89	0.63	

Slide Report for all BHA's in Job: CA141926

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	24-Oct	Drilling	15:25	17:25	2.00	7108	7194	86	18	43.0	65	11500	416	1220		0.00	0.00	0.00	
2	24-Oct	Sliding	17:50	20:10	2.33	7194	7213	19	10	8.1	65	11500	416	1220	30M	0.00	0.00	0.00	
2	24-Oct	Drilling	20:10	22:15	2.08	7213	7282	69	18	33.1	65	11500	416	1220		0.00	0.00	0.00	

Total Drilled:	6315	**Avg. Total ROP:**	58.34		**DEPTH% – TIME %**
Total Rotary Drilled:	5843	**Avg. Rotary ROP:**	77.22	**Percent Rotary:**	92.53 – 69.90
Total Drilled Sliding:	472	**Avg. Slide ROP:**	14.49	**Percent Slide:**	7.47 – 30.10

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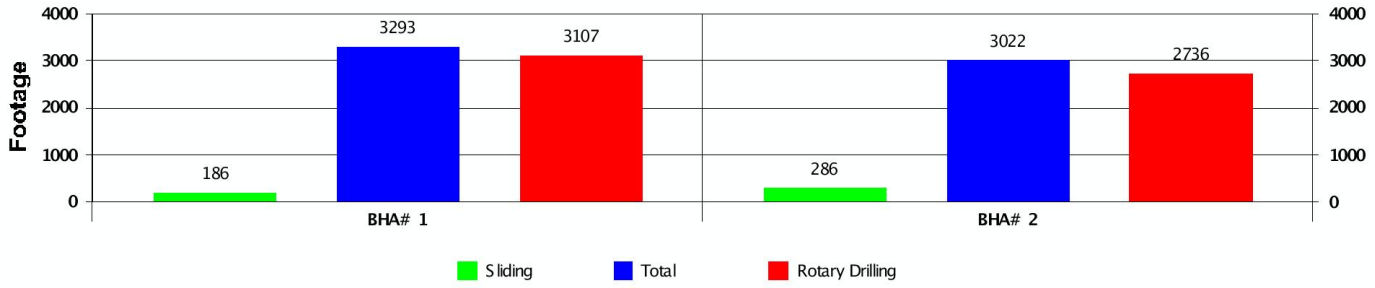
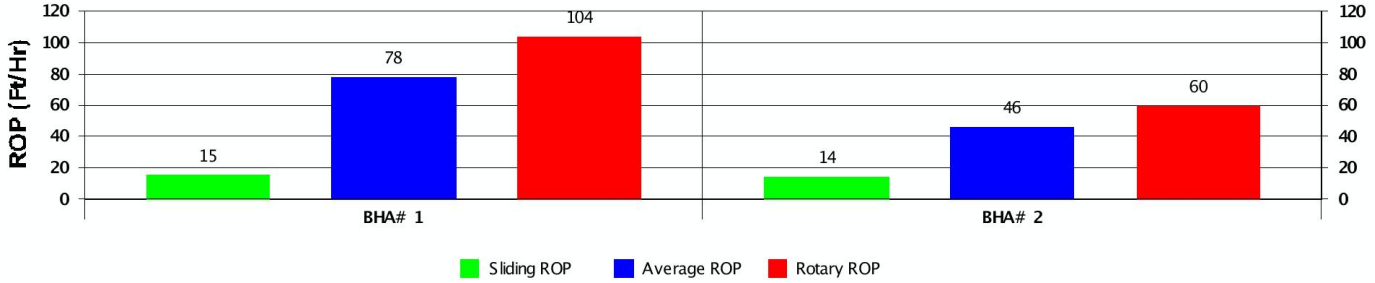
SDI Job #:	CA141926	FIELD:	Three Rivers
COMPANY:	Finley Resources	Sec-Twn-Rng:	3F
LOCATION:	LAT40 10 35.100 LONG 109 42 53.970	AFE# & District	36 2E
RIG NAME:	Capstar 329	COMMENT	
STATE:	Utah		
COUNTY:	Unitah		
WELL NAME:	Gardner 36-10A-3-2		

Footage Drilled with BHA



ROP vs BHA



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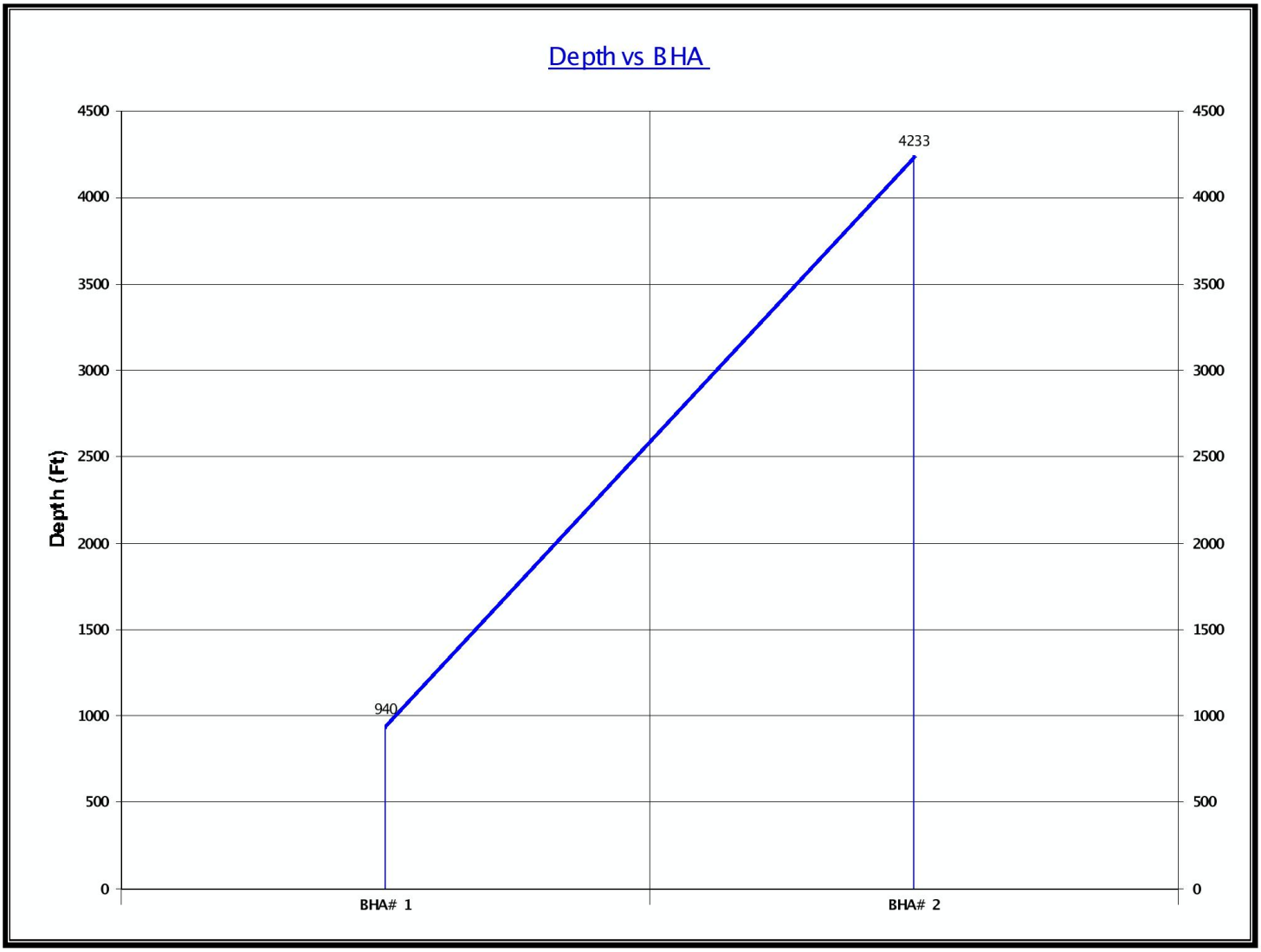

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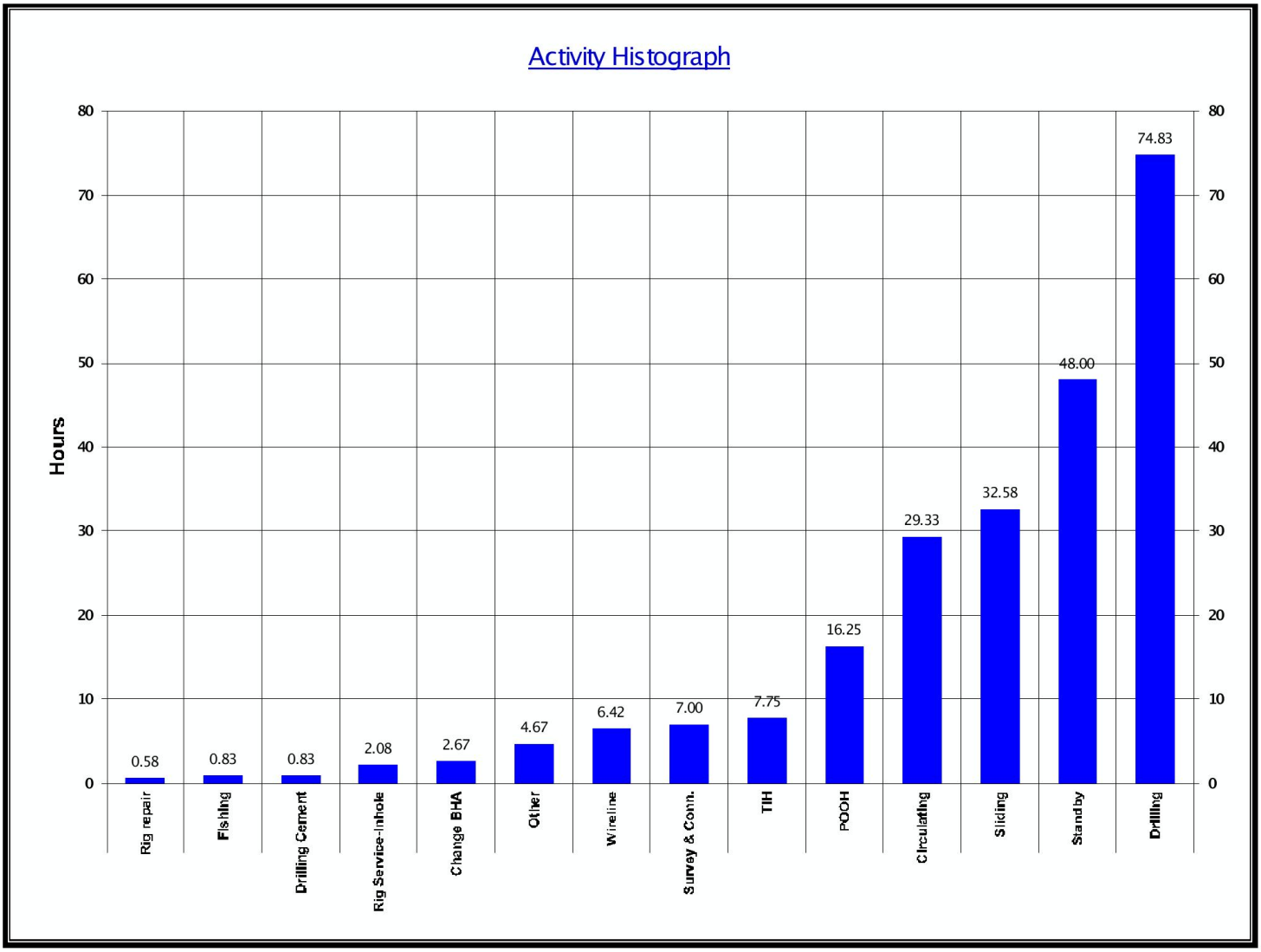

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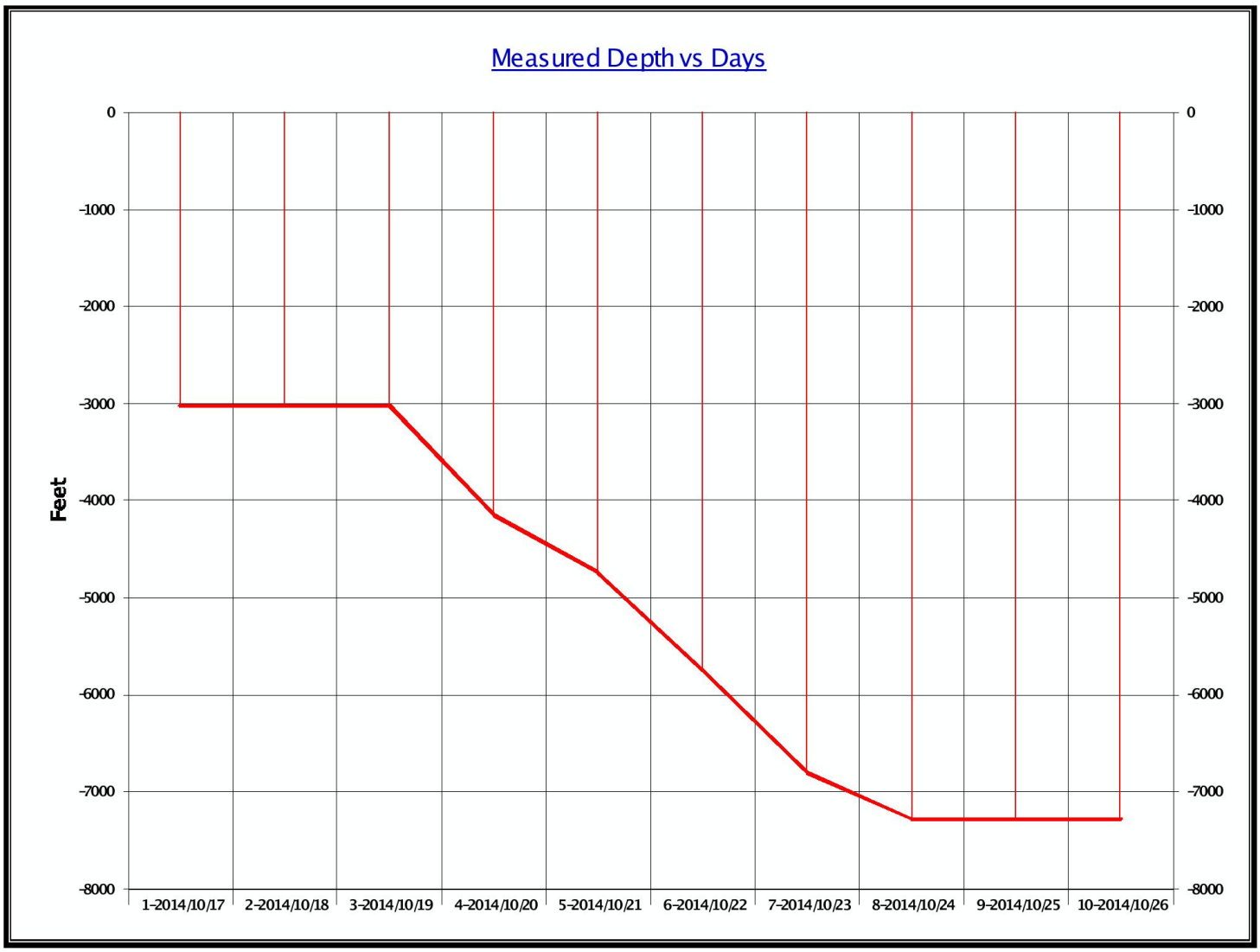

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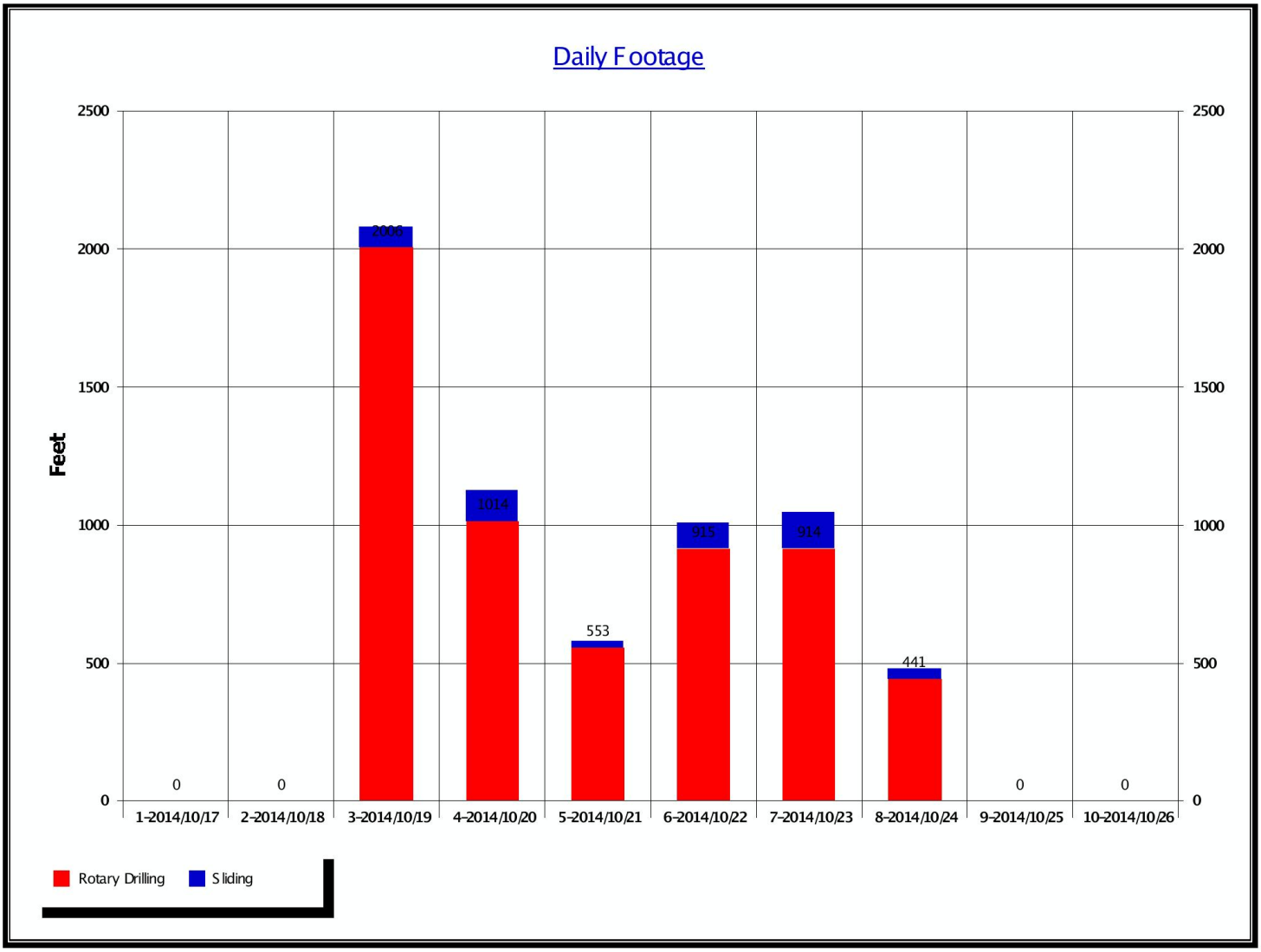

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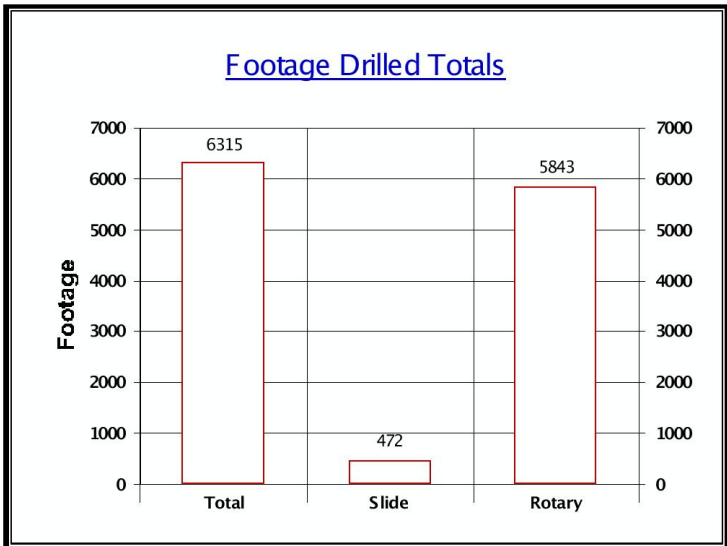

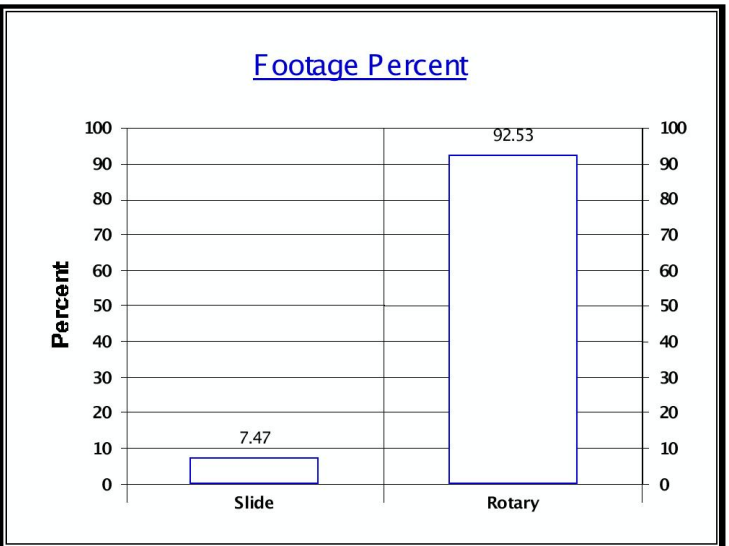

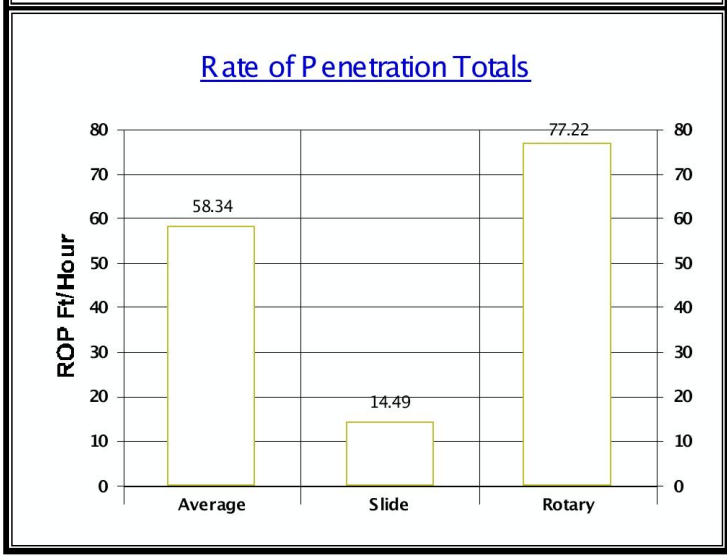

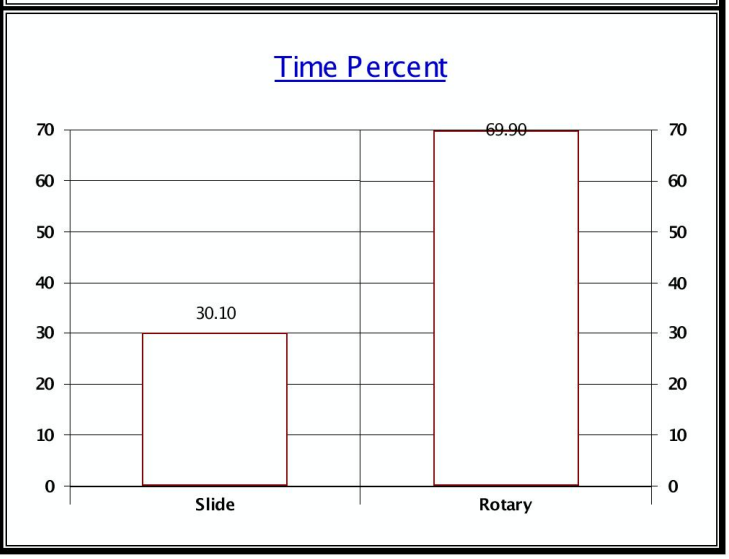

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