

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 Hackford 14-7A-4-2								
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT								
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME								
6. NAME OF OPERATOR 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) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>								
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Richard D. & Akiko Hackford						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-247-2405								
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 153, LaPoint, UT 84039						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')								
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>								
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN		
LOCATION AT SURFACE		2134 FNL 2525 FEL		SWNE		14		4.0 S		2.0 E		U		
Top of Uppermost Producing Zone		2168 FNL 1935 FEL		SWNE		14		4.0 S		2.0 E		U		
At Total Depth		2168 FNL 1935 FEL		SWNE		14		4.0 S		2.0 E		U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 2134			23. NUMBER OF ACRES IN DRILLING UNIT 40								
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1725			26. PROPOSED DEPTH MD: 8060 TVD: 8000								
27. ELEVATION - GROUND LEVEL 4683			28. BOND NUMBER RLB0011264			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-11500								
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 - 8060	17.0	N-80 LT&C	9.2	OTHER	245	3.1	11.0				
							OTHER	918	2.1	13.0				
ATTACHMENTS														
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES														
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN								
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP								
NAME Don Hamilton			TITLE Permitting Agent (Star Point Enterprises, Inc.)			PHONE 435 650-3866								
SIGNATURE			DATE 05/19/2014			EMAIL starpoint@etv.net								
API NUMBER ASSIGNED 43047544380000			APPROVAL			 Permit Manager								

Finley Resources, Inc.
Hackford 14-7A-4-2
SW/4 NE/4, Sec 14, T4S, R2E, U.S.B.&M.
Uintah County, UT

Drilling Program

1. Formation Tops	TVD	MD
Duchesne River	Surface	Surface
Green River (Top)	2,200'	2,200'
Green River (Pay)	4,200'	4,260'
Wasatch	6,600'	6,645'
TD	8,060'	8060'

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

Green River (Pay)	4,200' - 6,600'	(Oil)
Wasatch	6,600' - TD	(Oil)

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

3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter

Interm/Prod The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 3M system.

A 3M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 3,000 psi will be used.

4. Casing

Description	Interval (MD)		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Conductor 13 3/8	0'	60'	48	H-40	STC	--	--	--	1,730	770	322,000
Surface 8 5/8	0'	1,000'	24	J-55	STC	8.33	8.6	11	2,950	1,370	244,000
Production 5 1/2	0'	8,060'	17	N-80	LTC	9	9.2	11	5.80	4.12	10.17
									7,740	6,280	348,000
									2.61	2.06	2.54

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	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	48	15%	15.8	1.17
				41			
Surface Lead	12 1/4	700'	Class G w/ 2% KCl + 0.25 lbs/sk Flocele	578	100%	15.8	1.15
				502			
Surface Tail	12 1/4	300'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	392	100%	15.8	1.17
				335			
Production Lead	7 7/8	3,500'	Econocem-1# granulite+.25# polyflake	758	25%	11.0	3.10
				245			
Production Tail	7 7/8	4,560'	Econocem-.95%bw HR-5+.125# polyflake	1928	25%	13.0	2.10
				918			

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

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 25% excess.

6. Type and Characteristics of Proposed Circulating Medium

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

7. Logging, Coring, and Testing

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

Cores: As deemed necessary.

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

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by 0.47 psi/ft gradient.

$$8,060' \times 0.47 \text{ psi/ft} = 3772 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

This is planned as a vertical well

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

Variance Request for FIT Requirements:

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

Variance Request for Air Drilling Requirements:

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

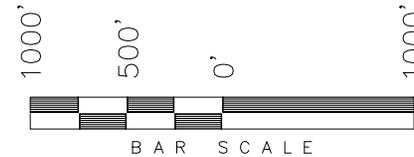
- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore. Variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie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

FINLEY RESOURCES INC.

T4S, R2E, U.S.B.&M.

WELL LOCATION, 14-7A-4-2, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 14, T4S, R2E, U.S.B.&M. UINTAH, UTAH.

TARGET BOTTOM HOLE, 14-7A-4-2, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 14, T4S, R2E, U.S.B.&M. UINTAH, UTAH.

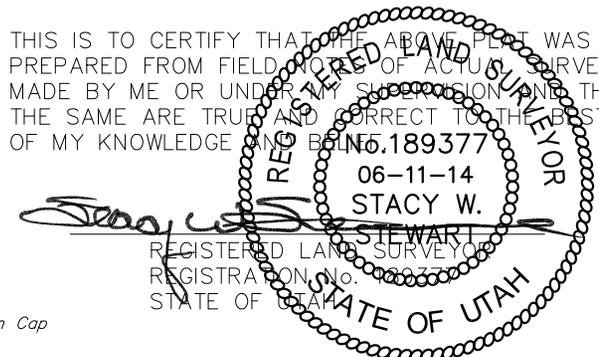


NOTES:

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

◆ = 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.



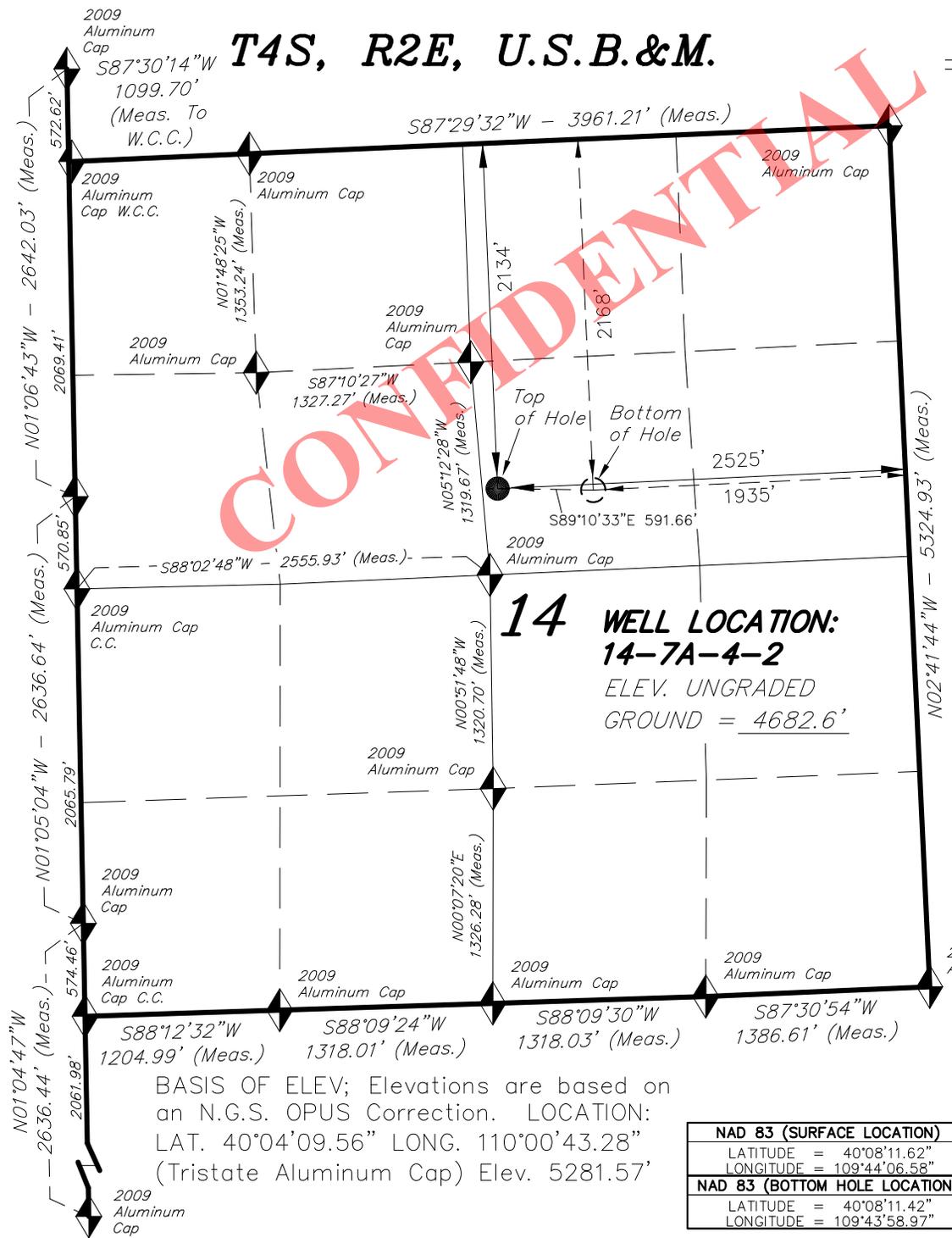
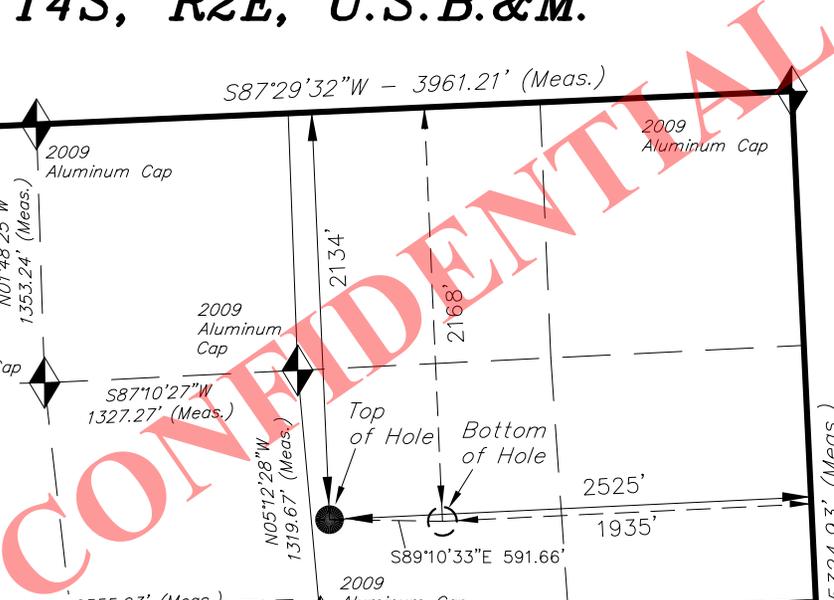
TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 02-10-14	SURVEYED BY: G.D.O.
DATE DRAWN: 02-12-14	DRAWN BY: L.C.S.
REVISED: 06-11-14 M.W.	SCALE: 1" = 1000'

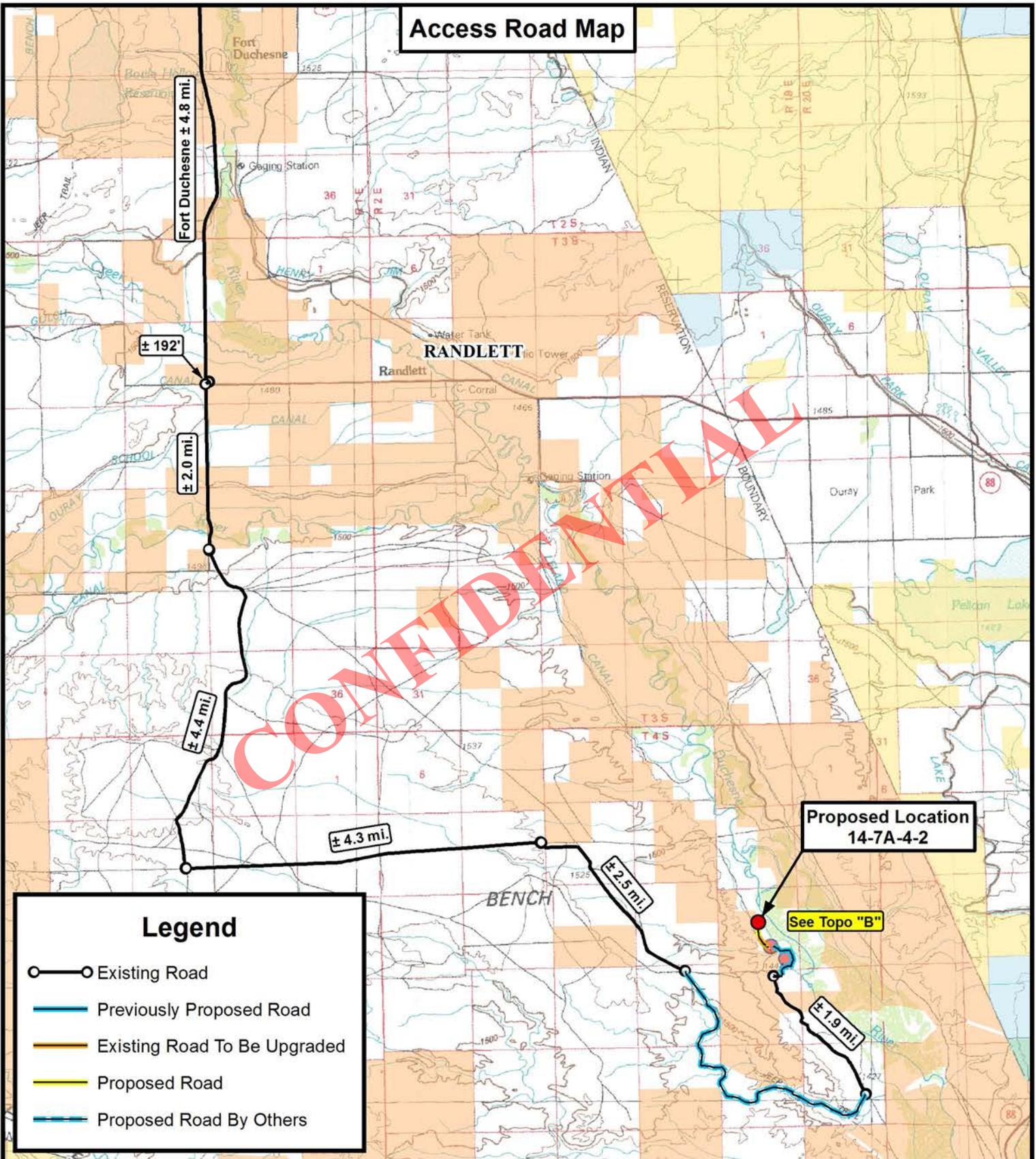
NAD 83 (SURFACE LOCATION)
LATITUDE = 40°08'11.62"
LONGITUDE = 109°44'06.58"
NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°08'11.42"
LONGITUDE = 109°43'58.97"

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'

14 WELL LOCATION:
14-7A-4-2
 ELEV. UNGRADED
 GROUND = 4682.6'



Access Road Map



Legend

- Existing Road
- Previously Proposed Road
- Existing Road To Be Upgraded
- Proposed Road
- Proposed Road By Others

**Proposed Location
14-7A-4-2**

See Topo "B"



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

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



FINLEY RESOURCES INC.

14-7A-4-2
Sec. 14, T4S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	06-11-14 A.P.C.
DATE:	02-21-2014		
SCALE:	1:100,000		

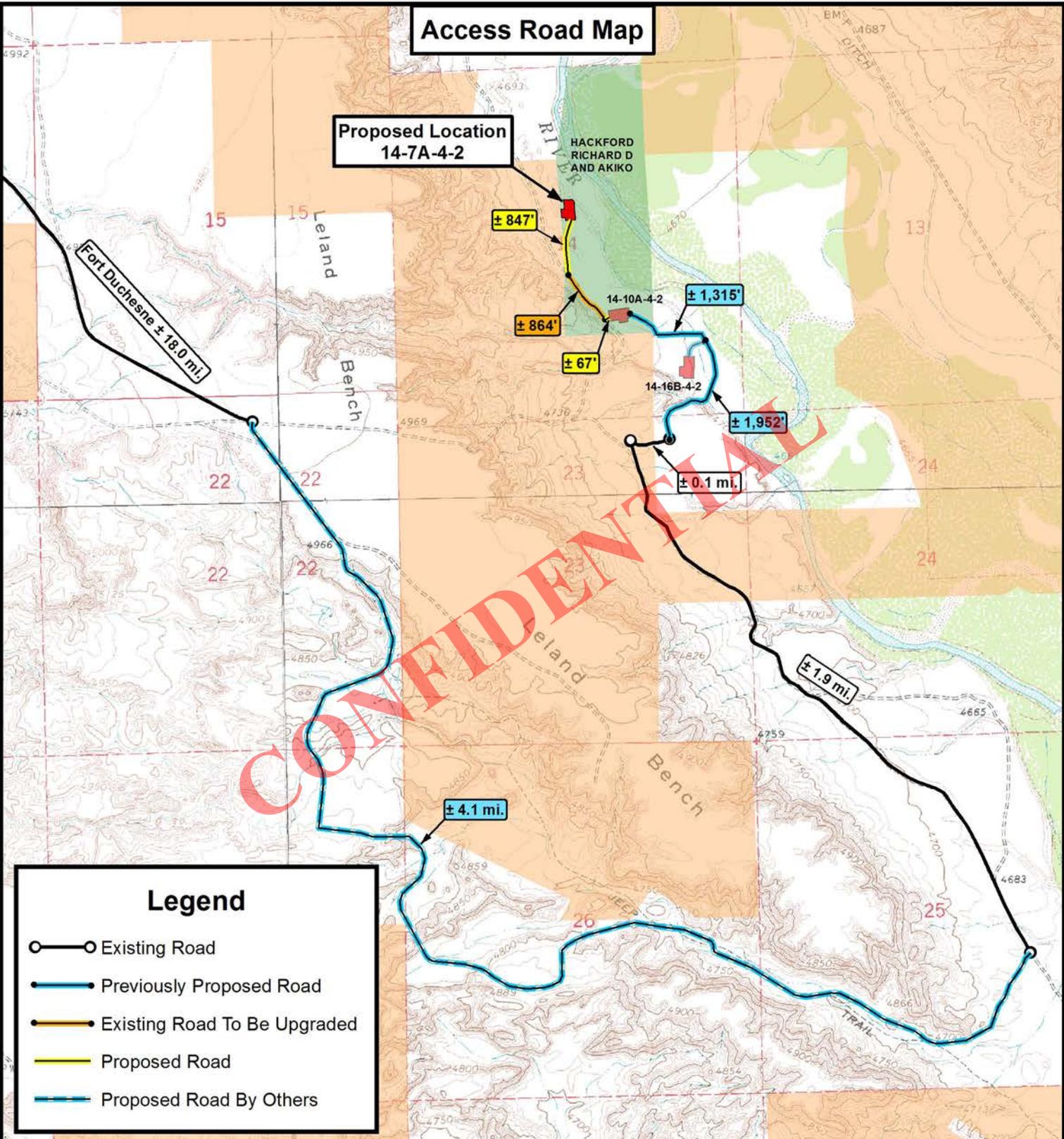
TOPOGRAPHIC MAP

SHEET
A

Access Road Map

**Proposed Location
14-7A-4-2**

HACKFORD
RICHARD D
AND AKIKO



Legend

- Existing Road
- Previously Proposed Road
- Existing Road To Be Upgraded
- Proposed Road
- Proposed Road By Others

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

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FINLEY RESOURCES INC.
14-7A-4-2
Sec. 14, T4S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	06-11-14 A.P.C.
DATE:	02-21-2014		
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map

**Proposed Location
14-7A-4-2**

± 1,826'

**Tie in at Proposed
Gas Pipeline**

HACKFORD
RICHARD D
AND AKIKO

14-10A-4-2

14-16B-4-2

CONFIDENTIAL

Legend

-  Existing Road
-  Previously Proposed Road
-  Existing Road To Be Upgraded
-  Proposed Road
-  Proposed Road By Others
-  Proposed Gas Pipeline

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



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FINLEY RESOURCES INC.

**14-7A-4-2
Sec. 14, T4S, R2E, U.S.B.&M.
Uintah County, UT.**

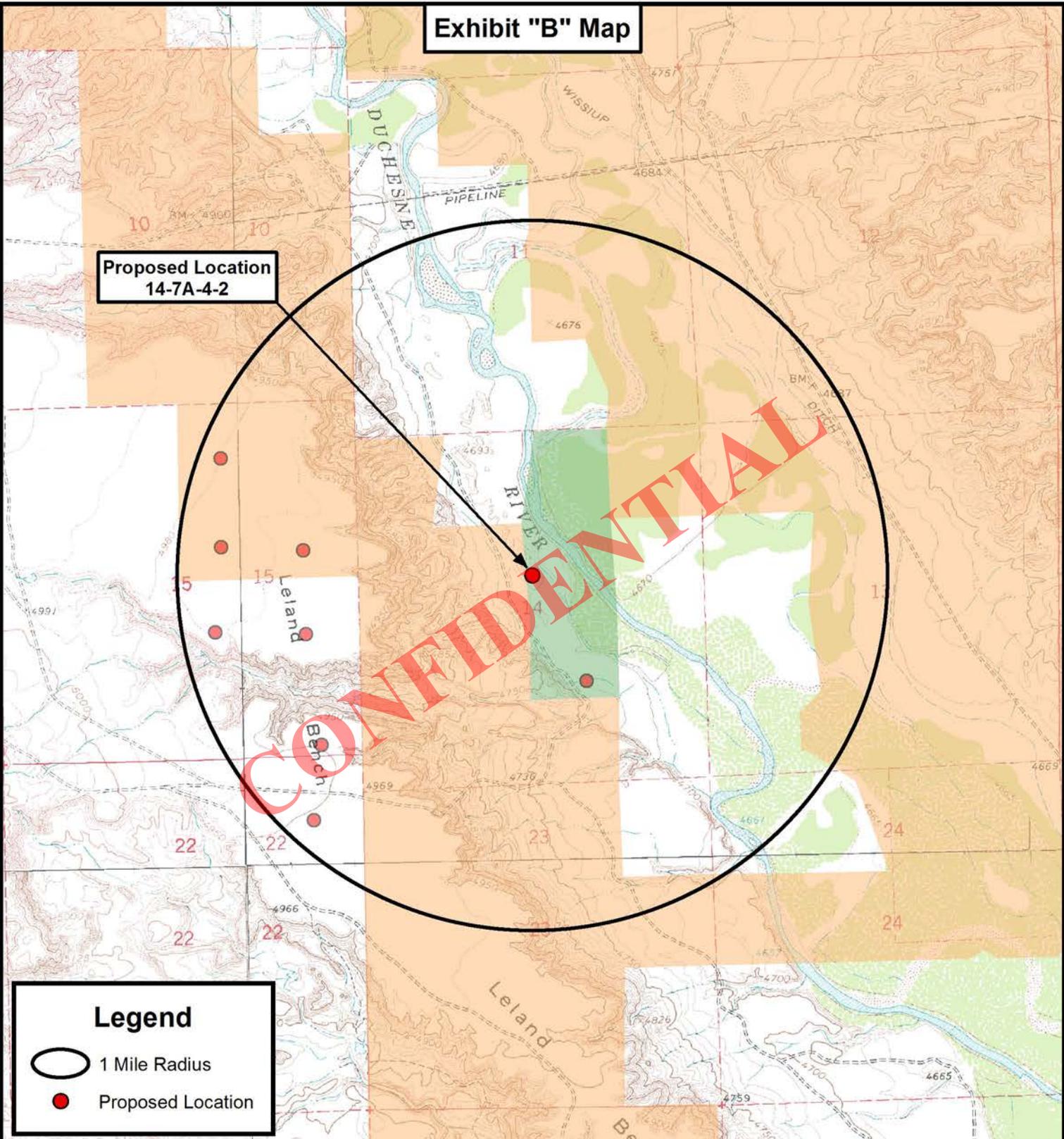
DRAWN BY:	A.P.C.	REVISED:	06-11-14 A.P.C.
DATE:	02-21-2014		
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
C

Exhibit "B" Map

**Proposed Location
14-7A-4-2**



Legend

-  1 Mile Radius
-  Proposed Location

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FINLEY RESOURCES INC.
14-7A-4-2
Sec. 14, T4S, R2E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	06-11-14 A.P.C.
DATE:	02-21-2014		
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
D

Finley Resources, Inc.

Uintah County, UT

Section 14-T4S-R2E SW 1/4 NE 1/4

14-7A-4-2

Wellbore #1

Plan: Design #1

Standard Planning Report

16 May, 2014

CONFIDENTIAL

Finley Resources, Inc.
14-7A-4-2
Uintah County, UT



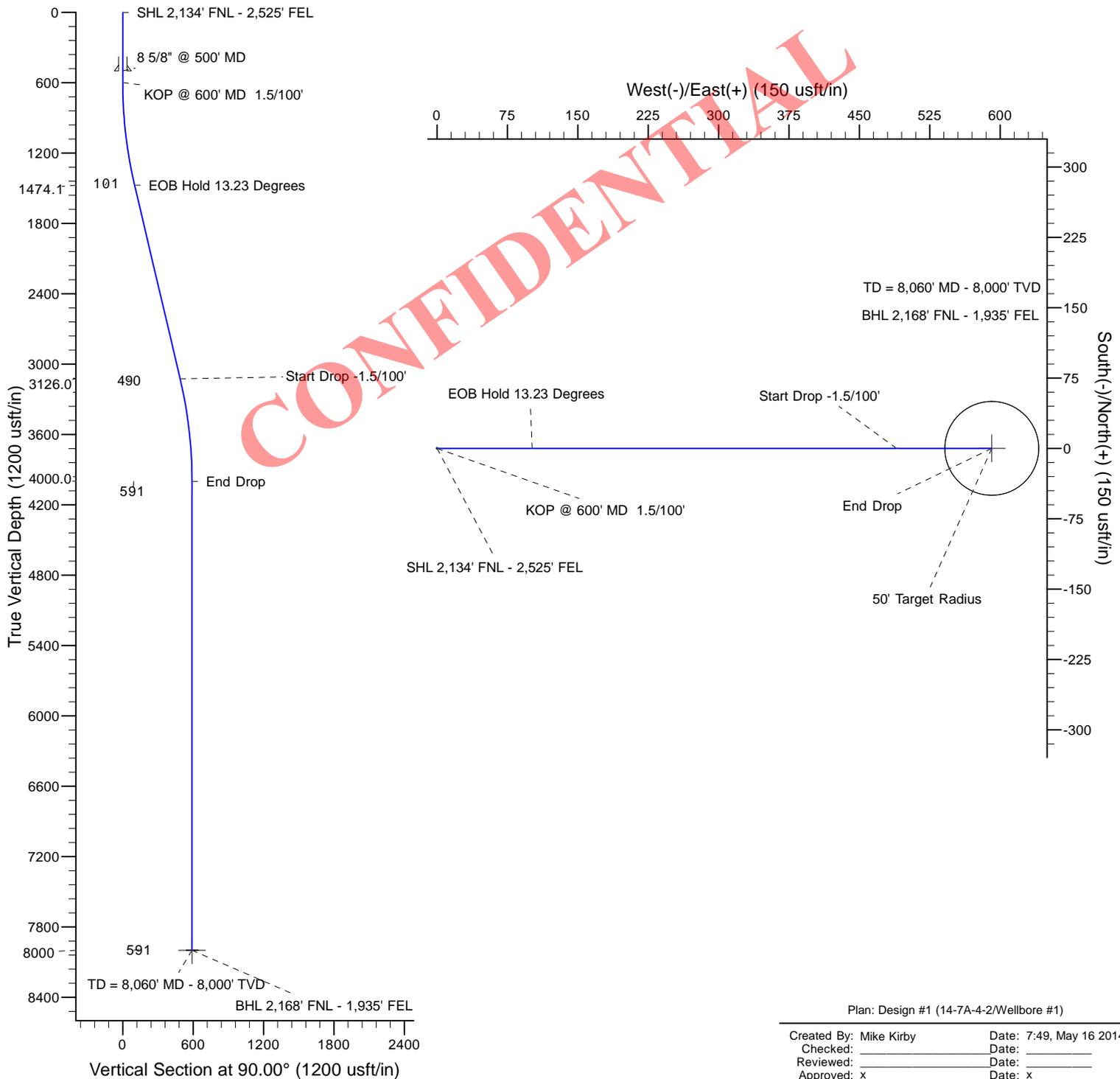
Geodetic System: US State Plane 1983
Zone: Utah Central Zone
WELL @ 4697.0usft
Ground Level: 4683.0
Latitude: 40° 8' 11.420 N
Longitude: 109° 44' 6.580 W
Magnetic North is 10.82° East of True North (Magnetic Declination)



Azimuths to True North
Magnetic North: 10.82°

Magnetic Field
Strength: 52083.2snT
Dip Angle: 65.86°
Date: 5/16/2014
Model: IGRF2010

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0
1481.9	13.23	90.00	1474.1	0.0	101.4	1.50	90.00	101.4
3178.8	13.23	90.00	3125.9	0.0	489.7	0.00	0.00	489.7
4060.7	0.00	0.00	4000.0	0.0	591.0	1.50	180.00	591.0
8060.7	0.00	0.00	8000.0	0.0	591.0	0.00	0.00	591.0



CONFIDENTIAL

Plan: Design #1 (14-7A-4-2/Wellbore #1)

Created By: Mike Kirby Date: 7:49, May 16 2014
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: x Date: x

RECEIVED: August 08, 2014

Planning Report

Database:	Rocky Mountain R5000 Database	Local Co-ordinate Reference:	Well 14-7A-4-2
Company:	Finley Resources, Inc.	TVD Reference:	WELL @ 4697.0usft
Project:	Uintah County, UT	MD Reference:	WELL @ 4697.0usft
Site:	Section 14-T4S-R2E SW 1/4 NE 1/4	North Reference:	True
Well:	14-7A-4-2	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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 14-T4S-R2E SW 1/4 NE 1/4				
Site Position:		Northing:	7,223,314.40 usft	Latitude:	40° 8' 11.420 N
From:	Lat/Long	Easting:	2,133,798.15 usft	Longitude:	109° 44' 6.580 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.13 °

Well	14-7A-4-2					
Well Position	+N/-S	0.0 usft	Northing:	7,223,314.40 usft	Latitude:	40° 8' 11.420 N
	+E/-W	0.0 usft	Easting:	2,133,798.15 usft	Longitude:	109° 44' 6.580 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,697.0 usft	Ground Level:	4,683.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	5/16/2014	(°)	(°)	(nT)
			10.82	65.86	52,083

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	90.00

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	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,481.9	13.23	90.00	1,474.1	0.0	101.4	1.50	1.50	0.00	90.00	
3,178.8	13.23	90.00	3,125.9	0.0	489.7	0.00	0.00	0.00	0.00	
4,060.7	0.00	0.00	4,000.0	0.0	591.0	1.50	-1.50	0.00	180.00	
8,060.7	0.00	0.00	8,000.0	0.0	591.0	0.00	0.00	0.00	0.00	

Planning Report

Database:	Rocky Mountain R5000 Database	Local Co-ordinate Reference:	Well 14-7A-4-2
Company:	Finley Resources, Inc.	TVD Reference:	WELL @ 4697.0usft
Project:	Uintah County, UT	MD Reference:	WELL @ 4697.0usft
Site:	Section 14-T4S-R2E SW 1/4 NE 1/4	North Reference:	True
Well:	14-7A-4-2	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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	
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00	
SHL 2,134' FNL - 2,525' 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	
8 5/8" @ 500' MD										
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
KOP @ 600' MD 1.5/100'										
700.0	1.50	90.00	700.0	0.0	1.3	1.3	1.50	1.50	0.00	
800.0	3.00	90.00	799.9	0.0	5.2	5.2	1.50	1.50	0.00	
900.0	4.50	90.00	899.7	0.0	11.8	11.8	1.50	1.50	0.00	
1,000.0	6.00	90.00	999.3	0.0	20.9	20.9	1.50	1.50	0.00	
1,100.0	7.50	90.00	1,098.6	0.0	32.7	32.7	1.50	1.50	0.00	
1,200.0	9.00	90.00	1,197.5	0.0	47.0	47.0	1.50	1.50	0.00	
1,300.0	10.50	90.00	1,296.1	0.0	64.0	64.0	1.50	1.50	0.00	
1,400.0	12.00	90.00	1,394.2	0.0	83.5	83.5	1.50	1.50	0.00	
1,481.9	13.23	90.00	1,474.1	0.0	101.4	101.4	1.50	1.50	0.00	
EOB Hold 13.23 Degrees										
1,500.0	13.23	90.00	1,491.7	0.0	105.5	105.5	0.00	0.00	0.00	
1,600.0	13.23	90.00	1,589.1	0.0	128.4	128.4	0.00	0.00	0.00	
1,700.0	13.23	90.00	1,686.4	0.0	151.3	151.3	0.00	0.00	0.00	
1,800.0	13.23	90.00	1,783.7	0.0	174.1	174.1	0.00	0.00	0.00	
1,900.0	13.23	90.00	1,881.1	0.0	197.0	197.0	0.00	0.00	0.00	
2,000.0	13.23	90.00	1,978.4	0.0	219.9	219.9	0.00	0.00	0.00	
2,100.0	13.23	90.00	2,075.8	0.0	242.8	242.8	0.00	0.00	0.00	
2,200.0	13.23	90.00	2,173.1	0.0	265.7	265.7	0.00	0.00	0.00	
2,300.0	13.23	90.00	2,270.5	0.0	288.6	288.6	0.00	0.00	0.00	
2,400.0	13.23	90.00	2,367.8	0.0	311.4	311.4	0.00	0.00	0.00	
2,500.0	13.23	90.00	2,465.2	0.0	334.3	334.3	0.00	0.00	0.00	
2,600.0	13.23	90.00	2,562.5	0.0	357.2	357.2	0.00	0.00	0.00	
2,700.0	13.23	90.00	2,659.9	0.0	380.1	380.1	0.00	0.00	0.00	
2,800.0	13.23	90.00	2,757.2	0.0	403.0	403.0	0.00	0.00	0.00	
2,900.0	13.23	90.00	2,854.6	0.0	425.9	425.9	0.00	0.00	0.00	
3,000.0	13.23	90.00	2,951.9	0.0	448.7	448.7	0.00	0.00	0.00	
3,100.0	13.23	90.00	3,049.3	0.0	471.6	471.6	0.00	0.00	0.00	
3,178.8	13.23	90.00	3,126.0	0.0	489.7	489.7	0.00	0.00	0.00	
Start Drop -1.5/100'										
3,200.0	12.91	90.00	3,146.6	0.0	494.5	494.5	1.50	-1.50	0.00	
3,300.0	11.41	90.00	3,244.4	0.0	515.5	515.5	1.50	-1.50	0.00	
3,400.0	9.91	90.00	3,342.6	0.0	534.0	534.0	1.50	-1.50	0.00	
3,500.0	8.41	90.00	3,441.4	0.0	549.9	549.9	1.50	-1.50	0.00	
3,600.0	6.91	90.00	3,540.5	0.0	563.3	563.3	1.50	-1.50	0.00	
3,700.0	5.41	90.00	3,639.9	0.0	574.0	574.0	1.50	-1.50	0.00	
3,800.0	3.91	90.00	3,739.6	0.0	582.1	582.1	1.50	-1.50	0.00	
3,900.0	2.41	90.00	3,839.4	0.0	587.6	587.6	1.50	-1.50	0.00	
4,000.0	0.91	90.00	3,939.4	0.0	590.5	590.5	1.50	-1.50	0.00	
4,060.7	0.00	0.00	4,000.0	0.0	591.0	591.0	1.50	-1.50	0.00	
End Drop										
4,100.0	0.00	0.00	4,039.3	0.0	591.0	591.0	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,139.3	0.0	591.0	591.0	0.00	0.00	0.00	

Planning Report

Database:	Rocky Mountain R5000 Database	Local Co-ordinate Reference:	Well 14-7A-4-2
Company:	Finley Resources, Inc.	TVD Reference:	WELL @ 4697.0usft
Project:	Uintah County, UT	MD Reference:	WELL @ 4697.0usft
Site:	Section 14-T4S-R2E SW 1/4 NE 1/4	North Reference:	True
Well:	14-7A-4-2	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)	
4,300.0	0.00	0.00	4,239.3	0.0	591.0	591.0	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,339.3	0.0	591.0	591.0	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,439.3	0.0	591.0	591.0	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,539.3	0.0	591.0	591.0	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,639.3	0.0	591.0	591.0	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,739.3	0.0	591.0	591.0	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,839.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,000.0	0.00	0.00	4,939.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,039.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,139.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,239.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,339.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,439.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,539.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,639.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,739.3	0.0	591.0	591.0	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,839.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,939.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,039.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,139.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,239.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,339.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,439.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,539.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,639.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,739.3	0.0	591.0	591.0	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,839.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,939.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,039.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,139.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,239.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,339.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,439.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,539.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,639.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,739.3	0.0	591.0	591.0	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,839.3	0.0	591.0	591.0	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,939.3	0.0	591.0	591.0	0.00	0.00	0.00	
8,060.0	0.00	0.00	7,999.3	0.0	591.0	591.0	0.00	0.00	0.00	
TD = 8,060' MD - 8,000' TVD - BHL 2,168' FNL - 1,935' FEL										
8,060.7	0.00	0.00	8,000.0	0.0	591.0	591.0	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
14-7A-4-2 PBHL	0.00	0.00	8,000.0	0.0	591.0	7,223,326.07	2,134,389.03	40° 8' 11.420 N	109° 43' 58.970 W	
- hit/miss target										
- Shape										
- plan hits target center										
- Circle (radius 50.0)										

Planning Report

Database:	Rocky Mountain R5000 Database	Local Co-ordinate Reference:	Well 14-7A-4-2
Company:	Finley Resources, Inc.	TVD Reference:	WELL @ 4697.0usft
Project:	Uintah County, UT	MD Reference:	WELL @ 4697.0usft
Site:	Section 14-T4S-R2E SW 1/4 NE 1/4	North Reference:	True
Well:	14-7A-4-2	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
500.0	500.0	8 5/8" @ 500' MD	8-5/8	11

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
1.0	1.0	0.0	0.0	SHL 2,134' FNL - 2,525' FEL	
600.0	600.0	0.0	0.0	KOP @ 600' MD 1.5/100'	
1,481.9	1,474.1	0.0	101.4	EOB Hold 13.23 Degrees	
3,178.8	3,126.0	0.0	489.7	Start Drop -1.5/100'	
4,060.7	4,000.0	0.0	591.0	End Drop	
8,060.0	7,999.3	0.0	591.0	TD = 8,060' MD - 8,000' TVD	
8,060.0	7,999.3	0.0	591.0	BHL 2,168' FNL - 1,935' FEL	

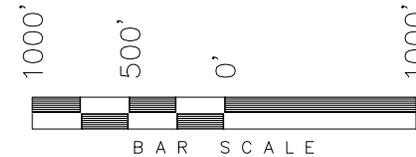
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T4S, R2E, U.S.B.&M.

FINLEY RESOURCES INC.

WELL LOCATION, 14-7A-4-2, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 14, T4S, R2E, U.S.B.&M. UINTAH, UTAH.

TARGET BOTTOM HOLE, 14-7A-4-2, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 14, T4S, R2E, U.S.B.&M. UINTAH, UTAH.

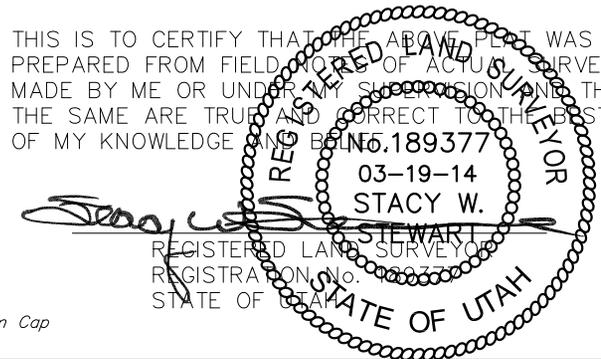


NOTES:

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

◆ = 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.



14 WELL LOCATION:
14-7A-4-2
 ELEV. UNGRADED
 GROUND = 4682.6'

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°08'11.62"
LONGITUDE =	109°44'06.58"
NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE =	40°08'11.42"
LONGITUDE =	109°43'58.97"

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

DATE SURVEYED: 02-10-14	SURVEYED BY: G.D.O.
DATE DRAWN: 02-12-14	DRAWN BY: L.C.S.
REVISED: 03-19-14 M.W.	SCALE: 1" = 1000'

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:

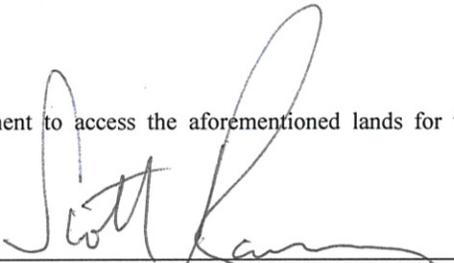
My name is Scott Ramsey. I am the Land Manger for Finley Resources Inc., authorized to do business in the State of Utah, whose address is 1308 Lake Street, Fort Worth, Texas 76102, hereinafter referred to as ("Finley"). Finley owns, operates and manages oil and gas properties in Uintah County, Utah. Finley is the owner of certain oil and gas leasehold in the Section 11 & 14 Township 4 South Range 2 East and Section 30 Township 4 South 4 West where a future drillsite location, right-of-way, easement will be located.

Finley and the Surface Owner, Richard D. Hackford and Akiko Hackford have executed an oil and gas lease granting Finley the necessary surface use covering but not limited to, future drill site locations, right-of-ways and easements, dated November 15, 2013 which include the right of ingress and egress, the right to construct drill site locations and rights-of-way under, through and across the following lands:

Township 4 South, Range 2 East, USM
Section 11: Lot 13
Section 14: W/2NE/4, NW/4SE/4

Township 4 South, Range 4 West, USM
Section 30: SE/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.



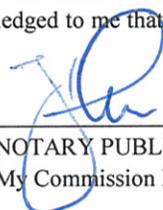
Scott Ramsey, Land Manager
Finley Resources Inc.

ACKNOWLEDGEMENT

STATE OF TEXAS §

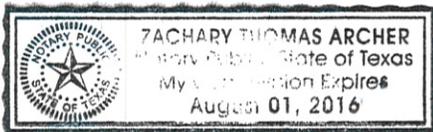
COUNTY OF TARRANT §

Before me the undersigned, a Notary Public, in and for said County and State, on this 5th day of May, 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.

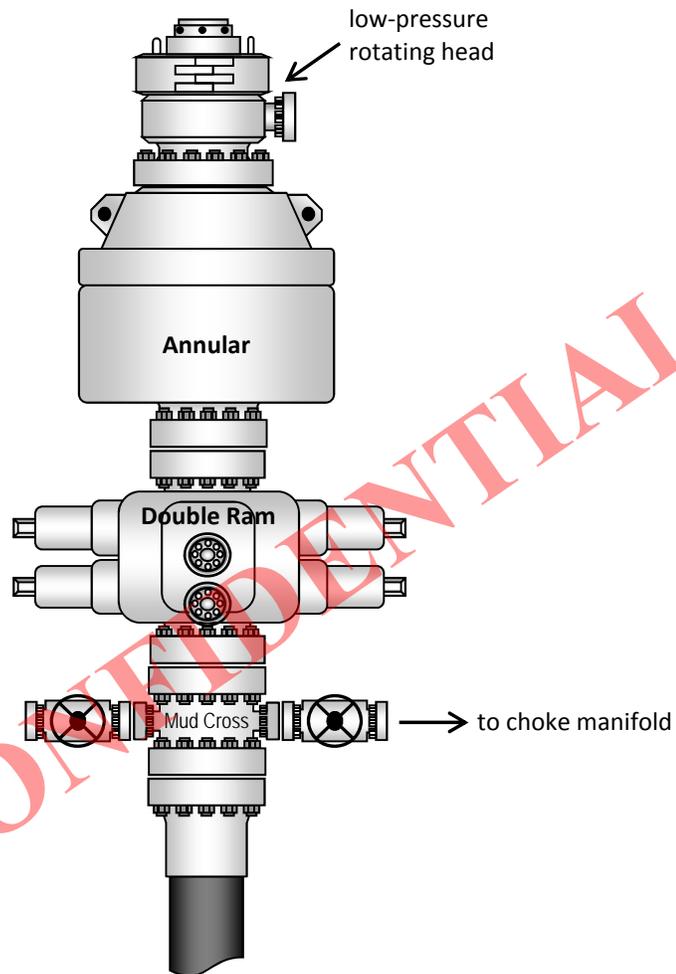


NOTARY PUBLIC
My Commission Expires: 8.1.2016

[SEAL]



Typical 3M BOP stack configuration





May 22, 2014

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

Re: Exception Location
Hackford 14-7A-4-2
Section 14, Township 4 South Range 2 East
Uintah County, Utah

Dear Mr. Hill,

Finley Resources Inc. ("Finley") proposes to drill the Hackford 14-7A-4-2 located in Section 14, Township 4 South Range 2 East, Uintah County, Utah. Due to topography Finley anticipates the drilling of said well from a surface location of 2,134' FNL and 2525' FEL to legal bottom hole location of 2,168' FNL and 1935' FEL as shown on the attached plat.

Finley respectfully submits this request for exception to spacing, State of Utah conservation rule R649-3-11, and due to topography restraints the Hackford 14-7A-4-2 will be located less than 460' to the drilling unit boundary. Finley certifies that the Hackford 14-7A-4-2 will have a legal bottom hole location as to the Lower Green River and Wasatch Formation ("LGR").

Finley respectfully requests the approval of our APD given that the Hackford 14-7A-4-2 will have a legal bottom hole location and will only be completed and producing from the LGR.

If at a later date Finley desires to complete shallower formations, Finley will provide a sundry inclusive of the necessary spacing exception approvals.

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,

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

Zachary Archer
Landman
(817)-231-8759

FINLEY RESOURCES INC.

WELL PAD INTERFERENCE PLAT

14-7A-4-2

Pad Location: SWNE Section 14, T4S, R2E, U.S.B.&M.



LATITUDE & LONGITUDE Surface Position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
14-7A-4-2	40° 08' 11.62"	109° 44' 06.58"

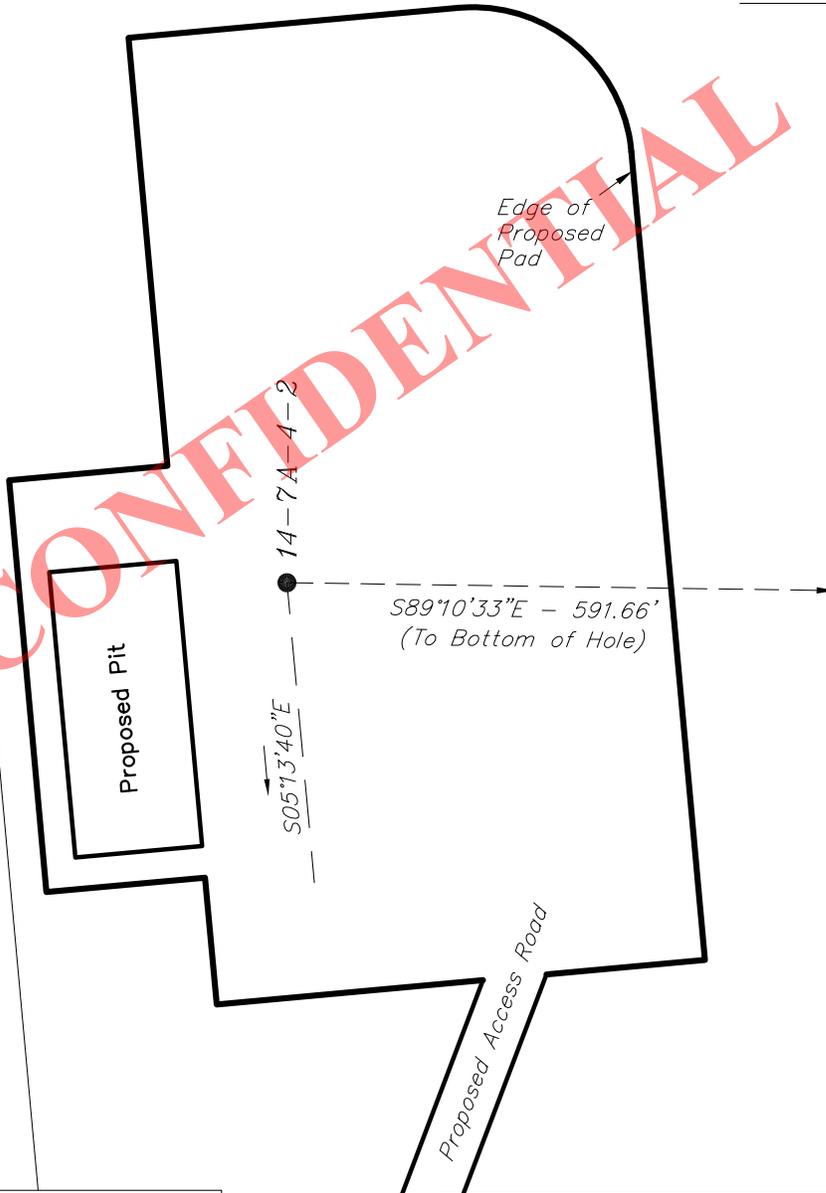
TOP HOLE FOOTAGES

14-7A-4-2
2134' FNL & 2525' FEL

BOTTOM HOLE FOOTAGES

14-7A-4-2
2168' FNL & 1935' FEL

1/4 Section Line



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Note:
Bearings are based
on GPS Observations.

RELATIVE COORDINATES From Top Hole to Bottom Hole		
WELL	NORTH	EAST
14-7A-4-2	-9'	592'

LATITUDE & LONGITUDE Bottom Hole Position (NAD 83)		
WELL	LATITUDE	LONGITUDE
14-7A-4-2	40° 08' 11.42"	109° 43' 58.97"

SURVEYED BY: G.D.O.	DATE SURVEYED: 02-10-14
DRAWN BY: M.W.	DATE DRAWN: 03-19-14
SCALE: 1" = 60'	REVISED: M.W. 06-11-14

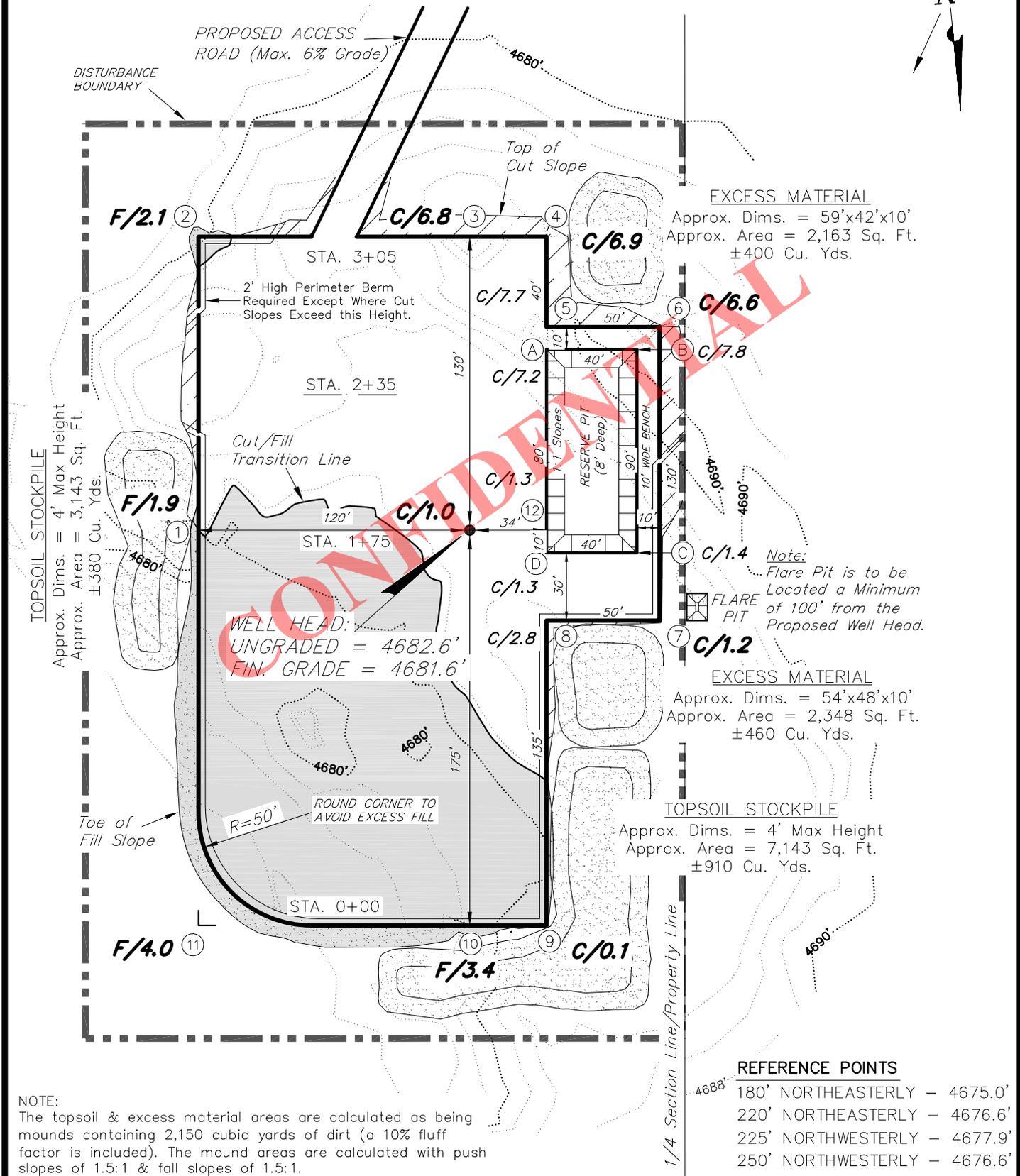
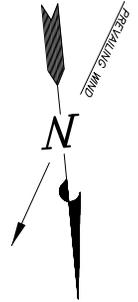
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

FINLEY RESOURCES INC.

PROPOSED LOCATION LAYOUT

14-7A-4-2

Pad Location: SWNE Section 14, T4S, R2E, U.S.B.&M.



WELL HEAD:
 UNGRADED = 4682.6'
 FIN. GRADE = 4681.6'

NOTE:
 The topsoil & excess material areas are calculated as being mounds containing 2,150 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

180' NORTHEASTERLY	- 4675.0'
220' NORTHEASTERLY	- 4676.6'
225' NORTHWESTERLY	- 4677.9'
250' NORTHWESTERLY	- 4676.6'

SURVEYED BY:	G.D.O.	DATE SURVEYED:	02-10-14
DRAWN BY:	L.C.S.	DATE DRAWN:	02-12-14
SCALE:	1" = 60'	REVISED:	M.W. 06-11-14

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

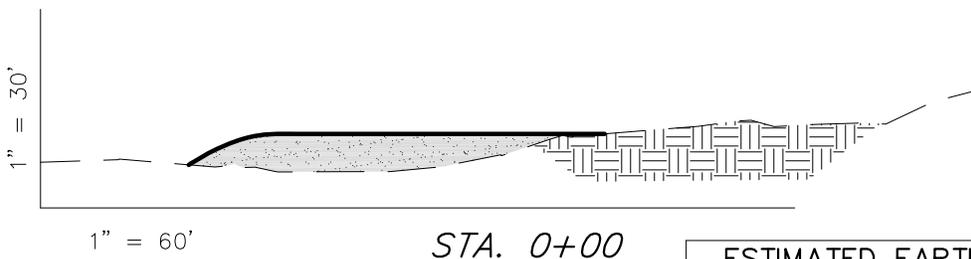
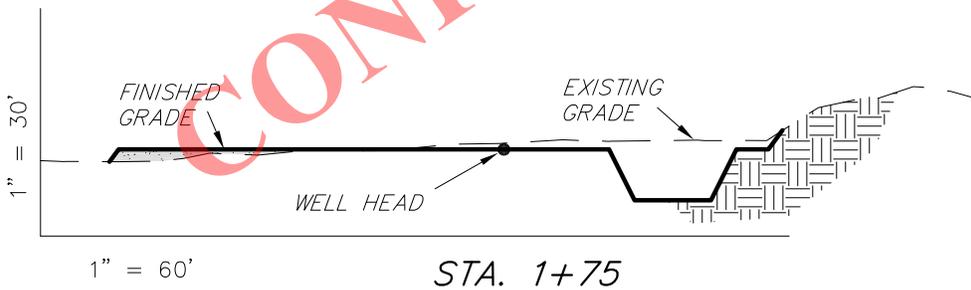
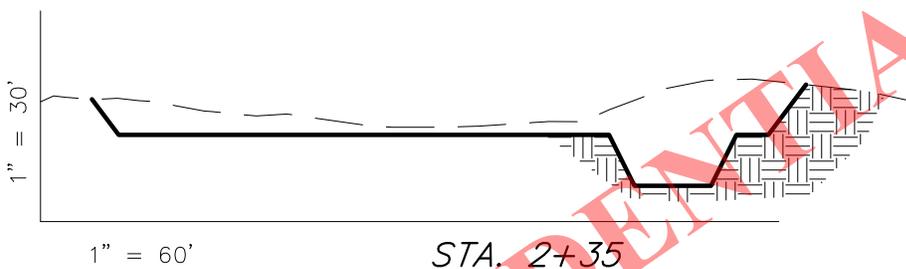
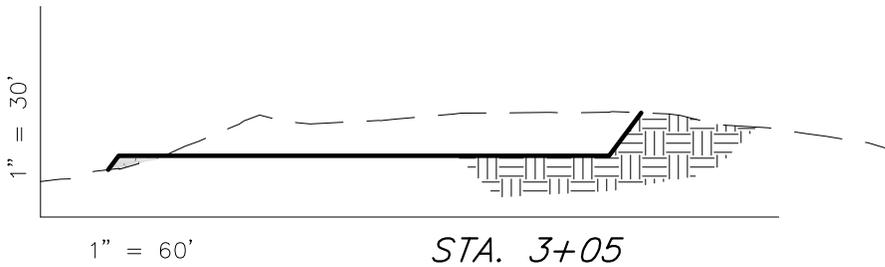
RECEIVED: June 23, 2014

FINLEY RESOURCES INC.

CROSS SECTIONS

14-7A-4-2

Pad Location: SWNE Section 14, T4S, R2E, U.S.B.&M.



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,110	3,110	Topsoil is not included in Pad Cut Volume	0
PIT	780	0		780
TOTALS	3,890	3,110	1,180	780

SURVEYED BY:	G.D.O.	DATE SURVEYED:	02-10-14
DRAWN BY:	L.C.S.	DATE DRAWN:	02-12-14
SCALE:	1" = 60'	REVISED:	M.W. 06-11-14

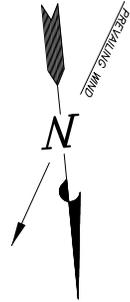
Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

FINLEY RESOURCES INC.

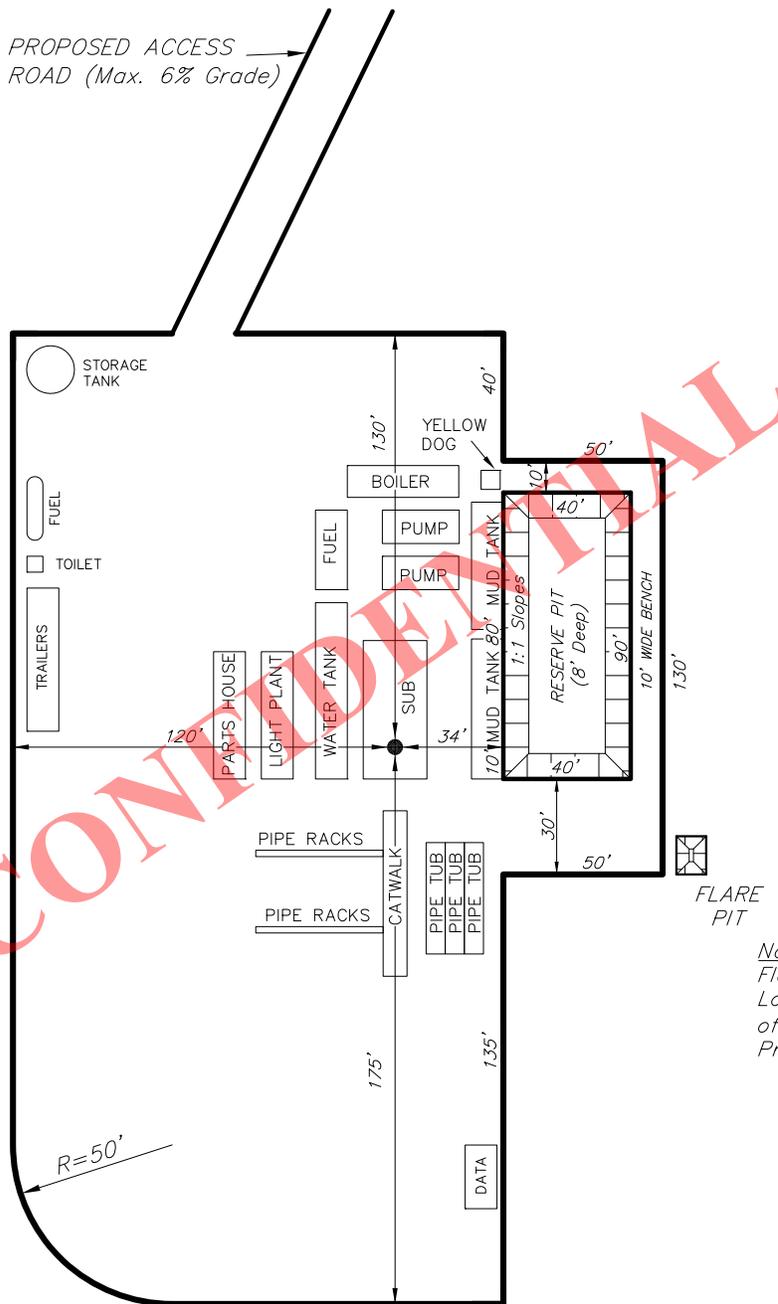
TYPICAL RIG LAYOUT

14-7A-4-2

Pad Location: SWNE Section 14, T4S, R2E, U.S.B.&M.



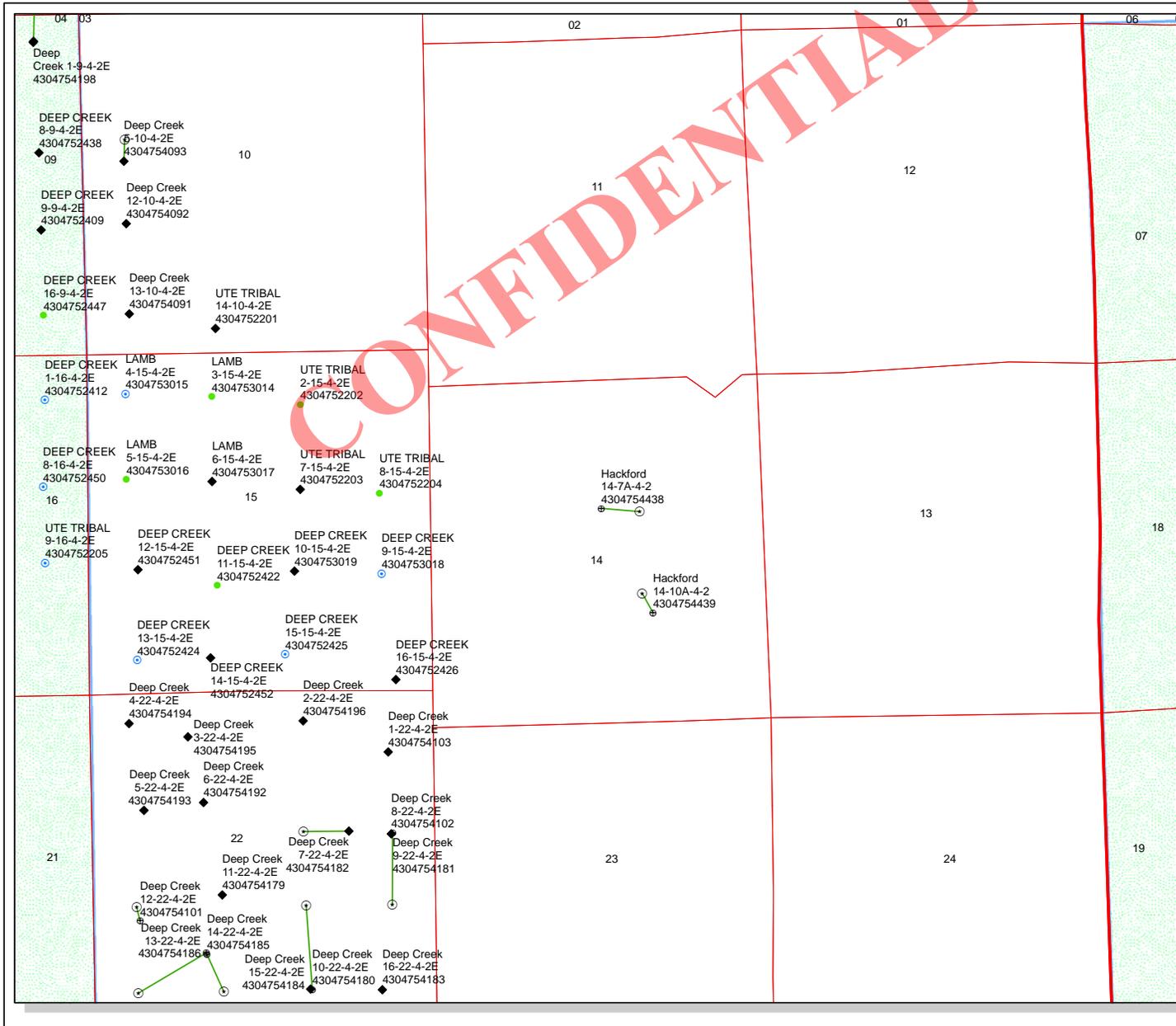
PROPOSED ACCESS ROAD (Max. 6% Grade)



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

SURVEYED BY:	G.D.O.	DATE SURVEYED:	02-10-14
DRAWN BY:	L.C.S.	DATE DRAWN:	02-12-14
SCALE:	1" = 60'	REVISED:	M.W. 06-11-14

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



API Number: 4304754438

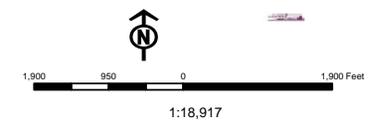
Well Name: Hackford 14-7A-4-2

Township: T04.0S Range: R02.0E Section: 14 Meridian: U

Operator: FINLEY RESOURCES, INC.

Map Prepared: 5/23/2014
Map Produced by Diana Mason

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



Well Name	FINLEY RESOURCES INC Hackford 14-7A-4-2 43047544380000			
String	COND	SURF	PROD	
Casing Size(")	13.375	8.625	5.500	
Setting Depth (TVD)	60	1000	8000	
Previous Shoe Setting Depth (TVD)	0	60	1000	
Max Mud Weight (ppg)	8.3	8.6	9.5	
BOPE Proposed (psi)	0	500	3000	
Casing Internal Yield (psi)	1000	2950	4810	
Operators Max Anticipated Pressure (psi)	3982		9.6	

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

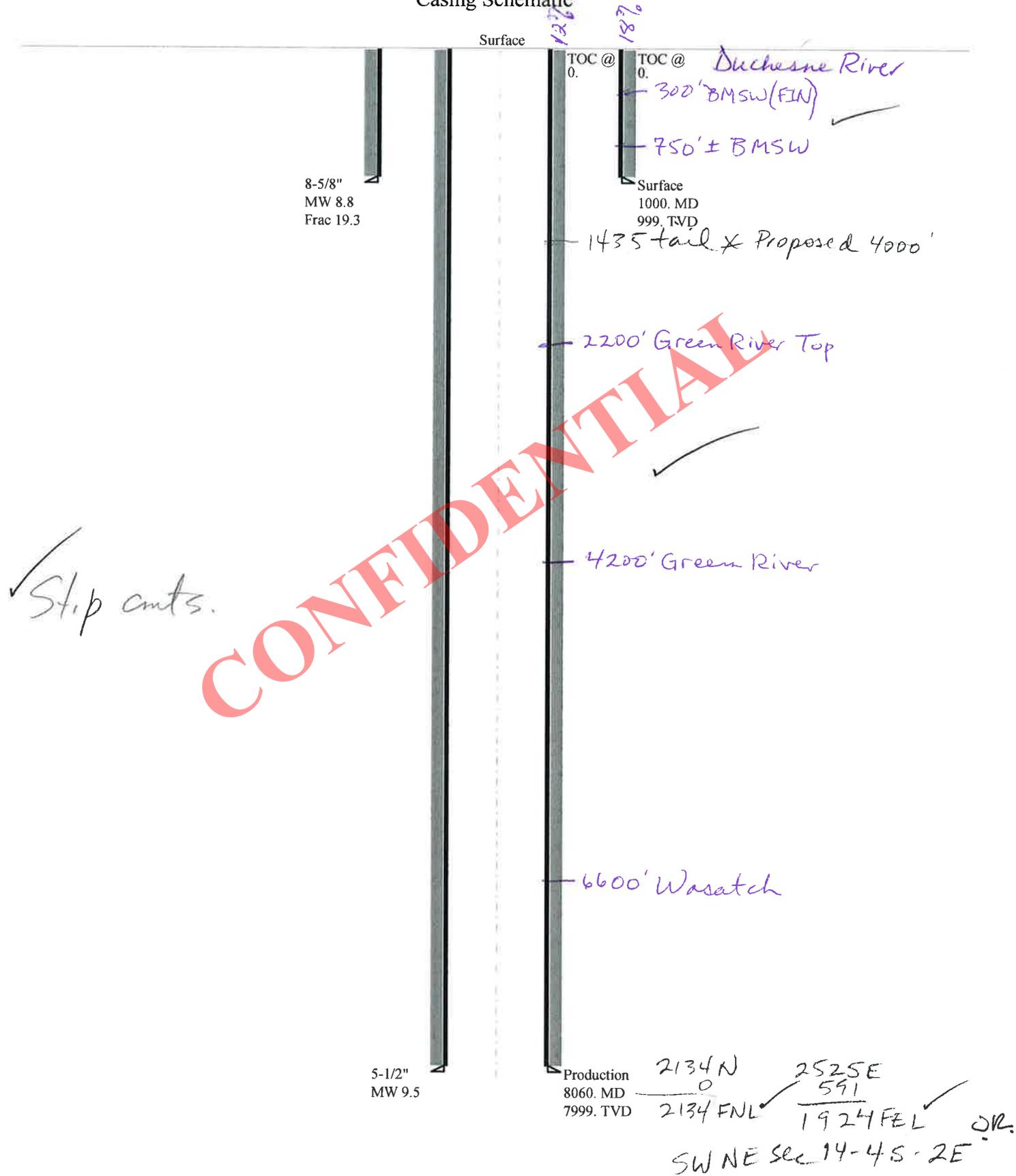
Calculations	SURF String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	447	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	327	YES diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	227	YES OK
			*Can Full Expected Pressure Be Held At 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=	3952	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2992	YES 3M BOP, two ram preventers, annular preventer, choke
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2192	YES manifold
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2412	NO Reasonable
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

43047544380000 Hackford 14-7A-4-2

Casing Schematic



Well name:	43047544380000 Hackford 14-7A-4-2	
Operator:	FINLEY RESOURCES INC	
String type:	Surface	Project ID: 43-047-54438
Location:	UINTAH COUNTY	

Design parameters:

Collapse

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

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

Cement top: Surface

Burst

Max anticipated surface pressure: 976 psi
Internal gradient: 0.023 psi/ft
Calculated BHP: 999 psi
Gas gravity: 0.60
Annular backup: 1.50 ppg

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: 867 ft

Directional well information:

Kick-off point: 600 ft
Departure at shoe: 21 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 6 °

Re subsequent strings:

Next setting depth: 7,999 ft
Next mud weight: 10.000 ppg
Next setting BHP: 4,156 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 999 ft
Injection pressure: 999 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	999	1000	7.972	5147
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	457	1350	2.956	976	2950	3.02	20.8	244	11.72 J

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

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

Date: August 11, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 999 ft, a mud weight of 8.8 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.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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

Well name:	43047544380000 Hackford 14-7A-4-2		
Operator:	FINLEY RESOURCES INC		
String type:	Production	Project ID:	43-047-54438
Location:	UINTAH COUNTY		

Design parameters:

Collapse

Mud weight: 9.500 ppg
 Internal fluid density: 0.900 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 186 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 880 psi
 Internal gradient: 0.383 psi/ft
 Calculated BHP 3,948 psi

No backup mud specified.

Tension:

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

Directional Info - Build & Hold

Kick-off point 600 ft
 Departure at shoe: 591 ft
 Maximum dogleg: 1.5 °/100ft
 Inclination at shoe: 0 °

Tension is based on buoyed weight.
 Neutral point: 6,908 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8060	5.5	17.00	N-80	LT&C	7999	8060	4.767	45429
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	3574	6290	1.760	3948	7740	1.96	116.4	348	2.99 J

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

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

Date: August 11, 2014
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7999 ft, a mud weight of 9.5 ppg. An internal gradient of .047 psi/ft was used for collapse from TD to TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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 Hackford 14-7A-4-2
API Number 43047544380000 **APD No** 9720 **Field/Unit** WILDCAT
Location: 1/4,1/4 SWNE Sec 14 Tw 4.0S Rng 2.0E 2134 FNL 2525 FEL
GPS Coord (UTM) 607752 4443681 **Surface Owner** Richard D. & Akiko Hackford

Participants

J. Burns - StarPoint ; J. Simonton - Finley Resources ; D. Slauch - Tristate; Richard Hackford - landowner

Regional/Local Setting & Topography

This location is on the edge of the Duchesne River floodplain on the east of the Leland bench in Uintah County. It is approximately 24 road miles southeast of Fort Duchesne and 5 miles southwest of Pelican lake. Riparian vegetation (willows and tamarisk) grows thick and heavily on east and north side of the pad but, not within the pad footprint. The location is dominantly vegetated with Greasewood and 4 wing saltbrush. Location moved to abutt Tribal lands and get as far as possible away from riparian area

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad Width 200 Length 300	Src Const Material	Surface Formation
0		Offsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands Y
if not floodplain, very near the floodplain

Flora / Fauna

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

Dominant vegetation;
greasewood

Wildlife;

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

Soil Type and Characteristics

light colored deep sands with rounded gravels consistant with a floodplain profile

Erosion Issues Y

sand is highly erodible

Sedimentation Issues Y

Site Stability Issues Y

sands and floodplain give rise to stability concerns

Drainage Diversion Required? N

Berm Required? Y

from substantial materials and construction methods

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)		20
Distance to Surface Water (feet)	300 to 1000	2
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		47 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? Y Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Brad

This is one of the 3 well pads in the floodplain I was telling you about. Tristate took another look and the well heads are all in the floodplain. I suggest the following if you wish to approve these locations:

1. import material for well pad - river bottom, deep sand, probably high water table, stability problems
2. build substantial berm - not made of reject sand
3. Closed loop maybe in order here - if it does flood I don't want to see the remnants of the pit washed down the river
4. Consult with the ACoE or State water rights (for stream alt permit) - this may be a

requirement anyway

I have concerns for stability and pollution transport in this location because of proximity to the Duchesne river and assoc. floodplain and building on deep sands.

Location is outside of riparian vegetation . GIS overlays prepared by Tristate show the wells within the FEMA floodplain.

This location has GPS coordinate discrepancies

Chris Jensen

Evaluator

7/16/2014

Date / Time

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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
9720	43047544380000	LOCKED	OW	P	No
Operator	FINLEY RESOURCES, INC.		Surface Owner-APD	Richard D. & Akiko Hackford	
Well Name	Hackford 14-7A-4-2		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	SWNE 14 4S 2E U 2134 FNL (UTM) 607761E 4443727N		2525 FEL GPS Coord		

Geologic Statement of Basis

Finley proposes to set 500' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 750'. A search of Division of Water Rights records shows 2 water wells within a 10,000 foot radius of the center of Section 14. Depths are listed as 70 feet and 966 feet. Listed uses are domestic, irrigation and stock watering. The surface formation at this site is the Uinta Formation and alluvium associated with 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. Unconsolidated sediments along the Duchesne River are a source of ground water and should be protected. Surface casing should be extended to cover the base of the moderately saline ground water.

Brad Hill
APD Evaluator

7/30/2014
Date / Time

Surface Statement of Basis

Location is proposed in a good location although outside the spacing window. Well will be drilled directionally. Access road enters the pad from the west. The landowner or its representative was in attendance for the pre-site inspection.

The soil type and topography at present do combine to pose a significant threat to erosion and sediment/ pollution transport in these regional climate conditions. It is adjacent riparian vegetation and soils resemble floodplain profiles.

Usual construction standards of the Operator do not appear to be adequate for the proposed purpose as submitted. Plans lack measures for importing materials or using a geogrid to improve stability.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A riparian area can be found adjacent the site to the north and East. 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 with substantial materials and methods, 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. Pad will be fortified with geo grid / fabric or imported materials to prevent stability issues

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 with substantial materials and construction methods. Pad to use geo grid or imported materials and employ construction methods for site stability.
Surface	The reserve pit shall be fenced upon completion of drilling operations. Location is to be fenced and cattle guard with gate installed at access for the protection of grazing livestock

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WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/19/2014

API NO. ASSIGNED: 43047544380000

WELL NAME: Hackford 14-7A-4-2

OPERATOR: FINLEY RESOURCES INC (N3460)

PHONE NUMBER: 435 650-3866

CONTACT: Don Hamilton

PROPOSED LOCATION: SWNE 14 040S 020E

Permit Tech Review:

SURFACE: 2134 FNL 2525 FEL

Engineering Review:

BOTTOM: 2168 FNL 1935 FEL

Geology Review:

COUNTY: Uintah

LATITUDE: 40.13698

LONGITUDE: -109.73505

UTM SURF EASTINGS: 607761.00

NORTHINGS: 4443727.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

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: 43-11500
- RDCC Review: 2014-08-19 00:00:00.0
- 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: R649-3-11
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations:

- 1 - Exception Location - bhill
- 5 - Statement of Basis - bhill
- 12 - Cement Volume (3) - hmacdonald
- 15 - Directional - dmason
- 21 - RDCC - dmason
- 23 - Spacing - dmason
- 25 - Surface Casing - hmacdonald



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Hackford 14-7A-4-2

API Well Number: 43047544380000

Lease Number: Fee

Surface Owner: FEE (PRIVATE)

Approval Date: 8/19/2014

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 R649-3-11. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

Exception Location:

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

General:

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

Conditions of Approval:

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

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 top of Green River Formation as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

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

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

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

WELL NAME/NUMBER: Hackford 14-7A-4-2

QTR/QTR: SWNE SEC.: 14 T: 4 S R: 2 E

LEASE SN: FEE

API #: 43-047-54⁴38

CONFIDENTIAL

LOCATION CONSTRUCTION START DATE: Est.9/15/14 (LC Welding)

LOCATION CONSTRUCTION FINISH DATE: Est.9/20/14

CONDUCTOR SPUD NOTICE: DATE: 9/17/14 TIME: 3:00PM

SURFACE SPUD NOTICE: DATE: TIME:

SURFACE CSG.CEMENT NOTICE: DATE: TIME:

REMARKS: This is a FEE well/surface and minerals. Notification of location construction and conductor spud . Conductor spud was Pete Martin bucket rig with 24" hole and set 40' of 16" conductor and grouted in. Had water show at 20'. No flow. RDUFA.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Hackford 14-7A-4-2
2. NAME OF OPERATOR: FINLEY RESOURCES INC	9. API NUMBER: 43047544380000
3. ADDRESS OF OPERATOR: PO Box 2200 , Fort Worth, TX, 76113	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2134 FNL 2525 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 14 Township: 04.0S 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		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/1/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Finley Resources, Inc. hereby makes application to commingle Wasatch and Green River production from the referenced well. Attached please find the following supplemental affidavit with attachment. Allocation should never be necessary but if it is ever necessary we will based on individual formation production percentages developed during the initial testing of the well.

Approved by the
November 13, 2014
Oil, Gas and Mining

Date: _____

By: Don Hamilton

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 650-3866	TITLE Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A	DATE 10/24/2014	



AFFIDAVIT OF OWNERSHIP

On behalf of Finley Resources Inc., I, Zachary Archer personally attest and duly swear and depose to the following information:

My name is Zachary Archer, Landman for Finley Resources Inc., authorized to do business in the State of Utah, whose address is 1308 Lake Street, Fort Worth, Texas 76102.

Whereas, Finley Resources Inc. ("Finley") owns 100% of the leasehold in the following lands:

Township 4 South Range 2 East:
Section 14: SWNE

All Application's for Permit to Drill have been filed with a legal bottom hole location of 460 feet from the exterior lease line. Where an exception location is required, Finley will provide the necessary approvals as required by the Utah Division of Oil, Gas and Mining and the State of Utah. The lease and production interest ownership is consistent throughout both the Green River and Wasatch formations and there will no need for an allocation method.

This constitutes 100% of the ownership of the pool within the aforementioned lands. Furthermore, this shall serve as sufficient notice of Finley's intent to comingle the aforementioned lands as to the Green River and Wasatch formations.



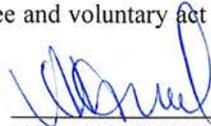
Zachary Archer, Landman
Finley Resources Inc.

ACKNOWLEDGEMENT

STATE OF TEXAS §

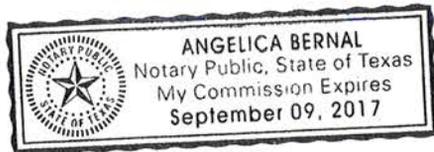
COUNTY OF TARRANT §

Before me the undersigned, a Notary Public, in and for said County and State, on this 20th day of October, 2014, personally appeared Zachary Archer, as Landman, of Finley Resources Inc., to me known to be the identical person who subscribed the name of the maker therefore to the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.



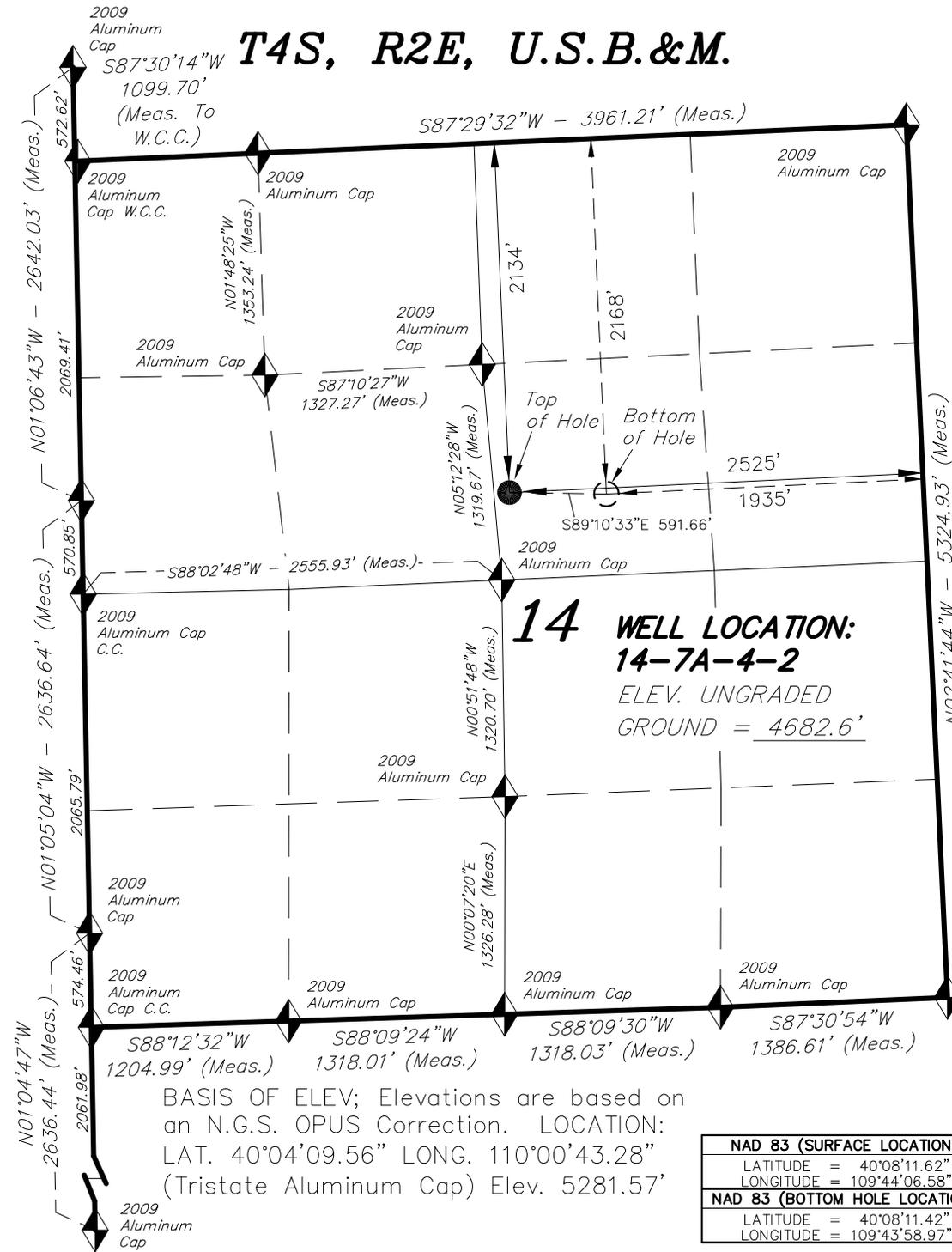
NOTARY PUBLIC
My Commission Expires: 9-09-17

[SEAL]



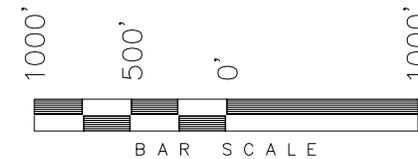
FINLEY RESOURCES INC.

T4S, R2E, U.S.B.&M.



WELL LOCATION, 14-7A-4-2, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 14, T4S, R2E, U.S.B.&M. UINTAH, UTAH.

TARGET BOTTOM HOLE, 14-7A-4-2, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 14, T4S, R2E, U.S.B.&M. UINTAH, UTAH.



NOTES:

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

◆ = 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.



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

DATE SURVEYED: 02-10-14	SURVEYED BY: G.D.O.
DATE DRAWN: 02-12-14	DRAWN BY: L.C.S.
REVISED: 06-11-14 M.W.	SCALE: 1" = 1000'

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°08'11.62"
LONGITUDE = 109°44'06.58"
NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°08'11.42"
LONGITUDE = 109°43'58.97"



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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG		5. LEASE DESIGNATION AND SERIAL NUMBER:
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME
2. NAME OF OPERATOR:		8. WELL NAME and NUMBER:
3. ADDRESS OF OPERATOR: CITY _____ STATE _____ ZIP _____ PHONE NUMBER: _____		9. API NUMBER:
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:		10 FIELD AND POOL, OR WILDCAT
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
		12. COUNTY _____ 13. STATE UTAH

14. DATE SPUDDED:	15. DATE T.D. REACHED:	16. DATE COMPLETED: _____ ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL):
18. TOTAL DEPTH: MD _____ TVD _____	19. PLUG BACK T.D.: MD _____ TVD _____	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)		23. WAS WELL CORED? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

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

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

25. TUBING RECORD

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

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

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

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

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

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

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

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

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) _____ TITLE _____

SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

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

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

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

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

Finley Resources, Inc.

Uintah County, UT

Section 14-T4S-R2E SW 1/4 NE 1/4

Hackford 14-7A-4-2

Capstar #359

Survey: End of Well Report

Standard Survey Report

08 October, 2014



Geodetic System: US State Plane 1983
Zone: Utah Central Zone
WELL @ 4697.0usft
Ground Level: 4683.0
Latitude: 40° 8' 11.620 N
Longitude: 109° 44' 6.580 W

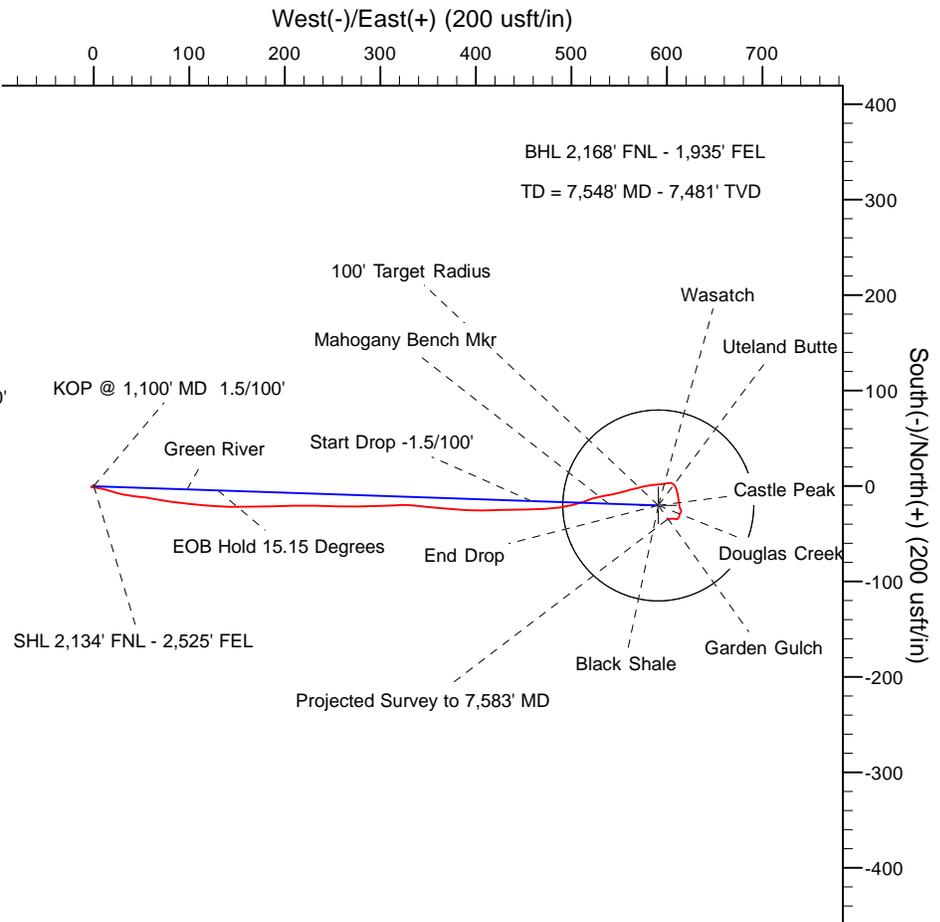
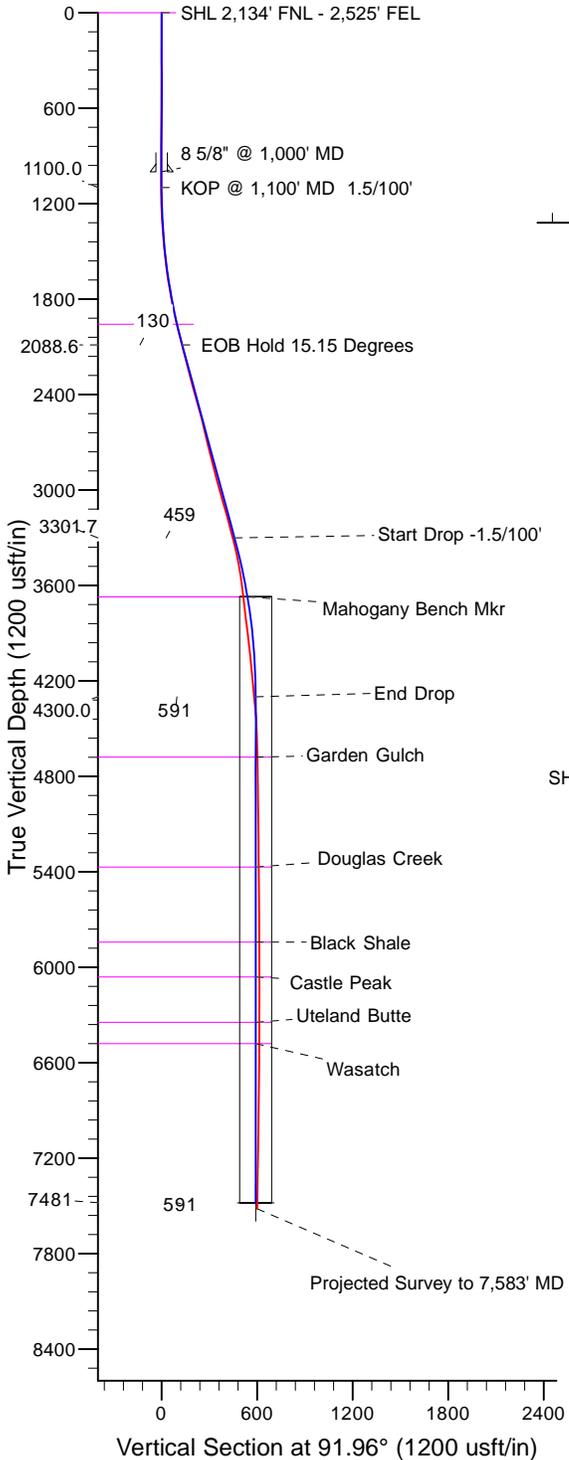


Azimuths to True North
 Magnetic North: 10.77°

Magnetic Field
 Strength: 52045.5snT
 Dip Angle: 65.85°
 Date: 10/2/2014
 Model: IGRF2010

Magnetic North is 10.77° East of True North (Magnetic Declination)

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
2110.0	15.15	91.96	2098.3	-4.5	132.7	1.50	91.96	132.7
3356.8	15.15	91.96	3301.7	-15.7	458.3	0.00	0.00	458.6
4366.8	0.00	0.00	4300.0	-20.2	591.0	1.50	180.00	591.3
7547.8	0.00	0.00	7481.0	-20.2	591.0	0.00	0.00	591.3



Plan: Revised 09-29-14 (Hackford 14-7A-4-2/Capstar #359)

Created By: Mike Kirby Date: 8:37, October 08 2014
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: x Date: x

RECEIVED: Feb. 11, 2015

Survey Report

Company:	Finley Resources, Inc.	Local Co-ordinate Reference:	Well Hackford 14-7A-4-2
Project:	Uintah County, UT	TVD Reference:	WELL @ 4697.0usft
Site:	Section 14-T4S-R2E SW 1/4 NE 1/4	MD Reference:	WELL @ 4697.0usft
Well:	Hackford 14-7A-4-2	North Reference:	True
Wellbore:	Capstar #359	Survey Calculation Method:	Minimum Curvature
Design:	Capstar #359	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 14-T4S-R2E SW 1/4 NE 1/4				
Site Position:		Northing:	7,223,334.63 usft	Latitude:	40° 8' 11.620 N
From:	Lat/Long	Easting:	2,133,797.75 usft	Longitude:	109° 44' 6.580 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.13 °

Well	Hackford 14-7A-4-2					
Well Position	+N/-S	0.0 usft	Northing:	7,223,334.63 usft	Latitude:	40° 8' 11.620 N
	+E/-W	0.0 usft	Easting:	2,133,797.75 usft	Longitude:	109° 44' 6.580 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,697.0 usft	Ground Level:	4,683.0 usft

Wellbore	Capstar #359				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/2/2014	10.77	65.85	52,046

Design	Capstar #359				
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	91.96	

Survey Program	Date	10/8/2014			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
1,025.0	7,583.0	End of Well Report (Capstar #359)			

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	
1,025.0	0.30	258.40	1,025.0	-0.5	-2.6	-2.6	0.03	0.03	0.00	
1,113.0	0.50	141.95	1,113.0	-0.9	-2.6	-2.6	0.78	0.23	-132.33	
1,200.0	1.80	94.85	1,200.0	-1.3	-1.0	-1.0	1.73	1.49	-54.14	
1,288.0	3.10	97.75	1,287.9	-1.7	2.7	2.8	1.48	1.48	3.30	
1,374.0	4.50	100.95	1,373.7	-2.7	8.3	8.4	1.65	1.63	3.72	
1,462.0	5.30	108.05	1,461.4	-4.6	15.6	15.7	1.14	0.91	8.07	
1,549.0	6.30	104.85	1,547.9	-7.1	24.0	24.2	1.21	1.15	-3.68	
1,637.0	7.90	99.85	1,635.3	-9.4	34.6	34.9	1.95	1.82	-5.68	
1,723.0	9.30	95.90	1,720.3	-11.1	47.4	47.7	1.77	1.63	-4.59	

Survey Report

Company:	Finley Resources, Inc.	Local Co-ordinate Reference:	Well Hackford 14-7A-4-2
Project:	Uintah County, UT	TVD Reference:	WELL @ 4697.0usft
Site:	Section 14-T4S-R2E SW 1/4 NE 1/4	MD Reference:	WELL @ 4697.0usft
Well:	Hackford 14-7A-4-2	North Reference:	True
Wellbore:	Capstar #359	Survey Calculation Method:	Minimum Curvature
Design:	Capstar #359	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)	
1,810.0	10.90	100.70	1,805.9	-13.3	62.5	62.9	2.08	1.84	5.52	
1,895.0	12.80	97.90	1,889.1	-16.1	79.7	80.2	2.33	2.24	-3.29	
1,982.0	13.40	96.50	1,973.9	-18.6	99.2	99.8	0.78	0.69	-1.61	
2,070.0	14.00	94.20	2,059.4	-20.5	120.0	120.6	0.92	0.68	-2.61	
2,157.0	14.70	91.80	2,143.6	-21.6	141.5	142.2	1.06	0.80	-2.76	
2,242.0	14.80	88.00	2,225.8	-21.6	163.2	163.8	1.14	0.12	-4.47	
2,330.0	14.70	89.30	2,310.9	-21.1	185.5	186.2	0.39	-0.11	1.48	
2,417.0	15.80	88.00	2,394.9	-20.5	208.4	209.0	1.32	1.26	-1.49	
2,504.0	15.30	91.70	2,478.7	-20.4	231.7	232.3	1.28	-0.57	4.25	
2,591.0	14.20	92.10	2,562.8	-21.2	253.9	254.4	1.27	-1.26	0.46	
2,679.0	13.40	89.10	2,648.3	-21.4	274.9	275.4	1.22	-0.91	-3.41	
2,765.0	13.40	88.60	2,731.9	-21.0	294.8	295.3	0.13	0.00	-0.58	
2,853.0	13.60	86.10	2,817.5	-20.1	315.3	315.8	0.70	0.23	-2.84	
2,940.0	15.20	95.80	2,901.8	-20.5	336.9	337.4	3.32	1.84	11.15	
3,028.0	15.60	95.80	2,986.6	-22.9	360.1	360.7	0.45	0.45	0.00	
3,114.0	15.90	93.60	3,069.4	-24.8	383.4	384.0	0.78	0.35	-2.56	
3,202.0	15.30	89.70	3,154.2	-25.5	407.0	407.6	1.37	-0.68	-4.43	
3,289.0	15.20	87.20	3,238.1	-24.9	429.9	430.5	0.76	-0.11	-2.87	
3,375.0	14.10	90.80	3,321.3	-24.5	451.6	452.2	1.66	-1.28	4.19	
3,462.0	12.70	86.40	3,405.9	-24.0	471.8	472.3	1.99	-1.61	-5.06	
3,549.0	9.30	80.70	3,491.3	-22.3	488.2	488.7	4.10	-3.91	-6.55	
3,634.0	8.10	78.40	3,575.4	-20.0	500.9	501.3	1.47	-1.41	-2.71	
3,722.0	7.60	69.30	3,662.5	-16.6	512.4	512.7	1.52	-0.57	-10.34	
3,809.0	6.10	69.30	3,748.9	-13.0	522.1	522.2	1.72	-1.72	0.00	
3,897.0	8.10	82.00	3,836.2	-10.5	532.6	532.7	2.88	2.27	14.43	
3,983.0	6.90	77.70	3,921.5	-8.5	543.7	543.6	1.54	-1.40	-5.00	
4,071.0	5.80	74.40	4,009.0	-6.2	553.1	553.0	1.32	-1.25	-3.75	
4,158.0	6.20	75.00	4,095.5	-3.8	561.9	561.7	0.47	0.46	0.69	
4,245.0	5.90	77.70	4,182.0	-1.6	570.8	570.5	0.48	-0.34	3.10	
4,330.0	5.20	77.00	4,266.6	0.2	578.8	578.5	0.83	-0.82	-0.82	
4,418.0	5.40	85.60	4,354.2	1.4	586.8	586.4	0.93	0.23	9.77	
4,504.0	4.30	84.70	4,439.9	2.0	594.1	593.7	1.28	-1.28	-1.05	
4,589.0	2.00	80.60	4,524.8	2.5	598.7	598.3	2.72	-2.71	-4.82	
4,676.0	1.40	79.20	4,611.7	3.0	601.3	600.8	0.69	-0.69	-1.61	
4,762.0	1.10	86.10	4,697.7	3.2	603.1	602.7	0.39	-0.35	8.02	
4,849.0	1.00	108.60	4,784.7	3.0	604.7	604.2	0.48	-0.11	25.86	
4,936.0	0.90	122.50	4,871.7	2.4	606.0	605.5	0.29	-0.11	15.98	
5,023.0	1.10	130.40	4,958.7	1.5	607.2	606.8	0.28	0.23	9.08	
5,110.0	1.10	145.00	5,045.7	0.3	608.3	607.9	0.32	0.00	16.78	
5,196.0	1.10	148.70	5,131.6	-1.1	609.2	608.9	0.08	0.00	4.30	
5,283.0	1.10	169.20	5,218.6	-2.6	609.8	609.5	0.45	0.00	23.56	
5,369.0	1.40	162.70	5,304.6	-4.4	610.2	610.0	0.39	0.35	-7.56	
5,456.0	1.50	164.00	5,391.6	-6.5	610.9	610.7	0.12	0.11	1.49	
5,542.0	1.10	168.10	5,477.6	-8.4	611.4	611.3	0.48	-0.47	4.77	

Survey Report

Company:	Finley Resources, Inc.	Local Co-ordinate Reference:	Well Hackford 14-7A-4-2
Project:	Uintah County, UT	TVD Reference:	WELL @ 4697.0usft
Site:	Section 14-T4S-R2E SW 1/4 NE 1/4	MD Reference:	WELL @ 4697.0usft
Well:	Hackford 14-7A-4-2	North Reference:	True
Wellbore:	Capstar #359	Survey Calculation Method:	Minimum Curvature
Design:	Capstar #359	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)	
5,629.0	0.90	167.40	5,564.5	-9.9	611.7	611.7	0.23	-0.23	-0.80	
5,716.0	1.00	180.70	5,651.5	-11.3	611.8	611.9	0.28	0.11	15.29	
5,803.0	1.60	168.80	5,738.5	-13.3	612.0	612.1	0.75	0.69	-13.68	
5,889.0	1.80	171.80	5,824.5	-15.8	612.5	612.7	0.25	0.23	3.49	
5,976.0	1.90	173.20	5,911.4	-18.6	612.8	613.1	0.13	0.11	1.61	
6,062.0	1.70	172.20	5,997.4	-21.3	613.2	613.5	0.24	-0.23	-1.16	
6,150.0	1.00	149.40	6,085.4	-23.2	613.7	614.2	0.99	-0.80	-25.91	
6,237.0	1.10	150.40	6,172.3	-24.6	614.5	615.0	0.12	0.11	1.15	
6,325.0	1.10	173.60	6,260.3	-26.2	615.1	615.6	0.50	0.00	26.36	
6,412.0	0.80	230.10	6,347.3	-27.4	614.7	615.3	1.08	-0.34	64.94	
6,498.0	1.10	207.00	6,433.3	-28.5	613.9	614.5	0.56	0.35	-26.86	
6,585.0	1.30	195.50	6,520.3	-30.2	613.2	613.9	0.36	0.23	-13.22	
6,672.0	1.40	194.20	6,607.3	-32.2	612.7	613.4	0.12	0.11	-1.49	
6,759.0	1.20	221.90	6,694.2	-33.9	611.8	612.6	0.75	-0.23	31.84	
6,846.0	0.80	279.50	6,781.2	-34.5	610.6	611.4	1.18	-0.46	66.21	
6,934.0	0.80	273.60	6,869.2	-34.3	609.4	610.2	0.09	0.00	-6.70	
7,021.0	0.90	277.50	6,956.2	-34.2	608.1	608.9	0.13	0.11	4.48	
7,109.0	1.00	265.80	7,044.2	-34.2	606.7	607.5	0.25	0.11	-13.30	
7,196.0	0.80	274.80	7,131.2	-34.2	605.3	606.1	0.28	-0.23	10.34	
7,284.0	0.90	268.90	7,219.2	-34.1	604.0	604.8	0.15	0.11	-6.70	
7,370.0	0.70	253.00	7,305.2	-34.3	602.8	603.6	0.35	-0.23	-18.49	
7,456.0	0.90	248.00	7,391.2	-34.7	601.7	602.5	0.25	0.23	-5.81	
7,533.0	0.80	264.90	7,468.2	-35.0	600.6	601.4	0.35	-0.13	21.95	
14-7A-4-2 PBHL										
7,583.0	0.80	264.90	7,518.2	-35.1	599.9	600.7	0.00	0.00	0.00	
Projected Survey to 7,583' MD										

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
7,583.0	7,518.2	-35.1	599.9	Projected Survey to 7,583' MD	

Checked By: _____ Approved By: _____ Date: _____



JOB NO.:	CA141868	Report Time:	2400	9 of 9
Company:	Finley Resources	API JOB #	43047544380000	
LOCATION:	Randlett	WORK ORDER#		
RIG NAME:	Capstar #329	FIELD:	Three Rivers	
STATE:	Utah	Township:		
COUNTY:	Uintah	SECTRANGE:		
WELL NAME:	Hackford 14-7A-4-2			

From Wednesday, October 08, 2014 at 0000 to Wednesday, October 08, 2014 at 2400

DRILLING SUMMARY				Drilling Parameters										
Start Depth	7583.00	Rotary Hours	0.00	WOB	10	Pick UP	180	Slack Off	126	SPM				
End Depth	7583.00	Circulating Hours	0.00	RAB	145	SPP	1300	FlowRate	415 - 415	122				
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data										
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	Brine			PV	4	SOLID	8.8			
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	9.5	GAS	0	YP	3	BHT°	129.51			
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	31	SAND	0.25	PH	8.5	Flow T°	0			
Below Rotary Hrs.	5.00	Percent Slide:	NA	Chlorides	48000	WL	0			Oil %	0			
PERSONNEL				CASING				BHA						
Lead Directional :	Martin Reedy			Size	Lb/ft	Set Depth		BHA # 1:Q506F, 6 1/2 7:8 3.0 .15 RPG, 10. MONEL, UBHO, 20. MONEL, GAP, 30. MONEL, 2 6" DC, 16 4" HWDP,						
Second Directional :	Alan Caswell/Mike Martin			Signature:										
MWD Operator1	Dirk Lockard													
MWD Operator2	Ryan Mahoney													
Directional Company:	Crescent Directional													
Geologist:														
Company Man:	Lynn Rich			Daily Cost				\$9,250.00						
Incl. In:	0.8	Azm. In:	264.9	Incl. Out:	0.8	Azm. Out:	264.9	Cummulative Cost:		\$84,590.00				

GENERAL COMMENT

TD well @ 7583', POOH, lay down BHA #1, no issues.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Oct-14	00:00	00:10	0.17	7583	7583	Other	Flow Check
8-Oct-14	00:10	01:45	1.58	7583	7583	POOH	POOH
8-Oct-14	01:45	02:10	0.42	7583	7583	Other	Flow
8-Oct-14	02:10	04:00	1.83	7583	7583	POOH	POOH
8-Oct-14	04:00	05:00	1.00	7583	7583	Other	Lay Down BHA #1



JOB NO.:	CA141868	Report Time:	2400	8 of 8
Company:	Finley Resources	API JOB #	43047544380000	
LOCATION:	Randlett	WORK ORDER#		
RIG NAME:	Capstar #329	FIELD:	Three Rivers	
STATE:	Utah	Township:		
COUNTY:	Uintah	SECTRANGE:		
WELL NAME:	Hackford 14-7A-4-2			

From Tuesday, October 07, 2014 at 0000 to Tuesday, October 07, 2014 at 2400

DRILLING SUMMARY				Drilling Parameters									
Start Depth	7098.00	Rotary Hours	20.17	WOB	10	Pick UP	180	Slack Off	126	SPM			
End Depth	7583.00	Circulating Hours	1.83	RAB	145	SPP	1300	FlowRate	415 - 415	122			
Total Drilled:	485.00	Avg. Total ROP:	24.05	Mud Data									
Total Rotary Drilled:	485.00	Avg. Rotary ROP:	24.05	Type	Brine			PV	4	SOLID	8.8		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	9.5	GAS	0	YP	3	BHT°	129.51		
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	31	SAND	0.25	PH	8.5	Flow T°	0		
Below Rotary Hrs.	24.00	Percent Slide:	.00	Chlorides	48000	WL	0			Oil %	0		
PERSONNEL				CASING				BHA					
Lead Directional :	Martin Reedy			Size	Lb/ft	Set Depth	BHA # 1:Q506F, 6 1/2 7:8 3.0 .15 RPG, 10. MONEL, UBHO, 20. MONEL, GAP, 30. MONEL, 2 6" DC, 16 4" HWDP,						
Second Directional :	Alan Caswell/Mike Martin			Signature:				Daily Cost \$8,450.00 Cummulative Cost: \$75,340.00					
MWD Operator1	Dirk Lockard												
MWD Operator2	Ryan Mahoney												
Directional Company:	Crescent Directional												
Geologist:													
Company Man:	Lynn Rich			Incl. In:	0.9	Azm. In:	277.5	Incl. Out:	0.8	Azm. Out:	264.9		

GENERAL COMMENT

Curently drilling ahead in the target in the Wasatch formation @ a MD of 7228'. We will possibly TD well this afternoon. Last survey, SD: 7109 Inc: 1.0 Az: 265.8, no issues.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Oct-14	00:00	02:30	2.50	7098	7159	Drilling	Drilling - (WOB:10;GPM :415;RPM:50)
7-Oct-14	02:30	02:35	0.08	7159	7159	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
7-Oct-14	02:35	05:40	3.08	7159	7246	Drilling	Drilling - (WOB:10;GPM :415;RPM:50)
7-Oct-14	05:40	05:45	0.08	7246	7246	Survey & Conn.	@
7-Oct-14	05:45	08:55	3.17	7246	7334	Drilling	Drilling - (WOB:10;GPM :415;RPM:50)
7-Oct-14	08:55	09:00	0.08	7334	7334	Survey & Conn.	@
7-Oct-14	09:00	12:55	3.92	7334	7420	Drilling	Drilling - (WOB:10;GPM :415;RPM:50)
7-Oct-14	12:55	13:00	0.08	7420	7420	Survey & Conn.	@
7-Oct-14	13:00	16:35	3.58	7420	7506	Drilling	Drilling - (WOB:10;GPM :415;RPM:50)
7-Oct-14	16:35	16:40	0.08	7506	7506	Survey & Conn.	@
7-Oct-14	16:40	20:35	3.92	7506	7583	Drilling	Drilling - (WOB:10;GPM :415;RPM:50)
7-Oct-14	20:35	20:40	0.08	7583	7583	Survey & Conn.	@
7-Oct-14	20:40	22:30	1.83	7583	7583	Circulating	Circulating
7-Oct-14	22:30	24:00	1.50	7583	7583	POOH	POOH

SDI Job #:	CA141868	Report Time:	2400	7 of 8
COMPANY:	Finley Resources	API JOB #	43047544380000	
LOCATION:	Randlett	WORK ORDER#		
RIG NAME:	Capstar #329	FIELD:	Three Rivers	
STATE:	Utah	Sec-Twn-Rng:		
COUNTY:	Uintah	AFE# & District		
WELL NAME:	Hackford 14-7A-4-2			

From Monday, October 06, 2014 at 0000 to Monday, October 06, 2014 at 2400

DRILLING SUMMARY				Drilling Parameters									
Start Depth	6243.00	Rotary Hours	19.42	WOB	12	Pick UP	160	Slack Off	108	SPM			
End Depth	7098.00	Circulating Hours	0.00	RAB	131	SPP	1124	FlowRate	415 - 420	122			
Total Drilled:	855.00	Avg. Total ROP:	37.58	Mud Data									
Total Rotary Drilled:	796.00	Avg. Rotary ROP:	41.00	Type	Water			PV	3	SOLID	7.3		
Total Drilled Sliding:	59.00	Avg. Slide ROP:	17.70	Weight	9.3	GAS	0	YP	3	BHT°	129.51		
Slide Hours:	3.33	Percent Rotary:	93.10	Viscosity	30	SAND	0.25	PH	8.5	Flow T°	0		
Below Rotary Hrs.	24.00	Percent Slide:	6.90	Chlorides	51000	WL	0			Oil %	0		
PERSONNEL				Casing				BHA					
Lead Directional :	Martin Reedy			Size	Lb/ft	Set Depth		BHA # 1:Q506F, 6 1/2 7:8 3.0 .15 RPG, 10. MONEL, UBHO, 20. MONEL, GAP, 30. MONEL, 2 6" DC, 16 4" HWDP,					
Second Directional :	Alan Caswell/Mike Martin			Signature:									
MWD Operator1	Dirk Lockard												
MWD Operator2	Ryan Mahoney												
Directional Company:	Crescent												
Geologist:													
Company Man:	Lynn Rich			Daily Cost				\$8,450.00					
Incl. In:	1	Azm. In:	149.4	Incl. Out:	0.9	Azm. Out:	277.5	Cummulative Cost:				\$66,890.00	

GENERAL COMMENT

Sliding and Rotating as needed.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-Oct-14	00:00	00:50	0.83	6243	6287	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
6-Oct-14	00:50	00:55	0.08	6287	6287	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
6-Oct-14	00:55	01:25	0.50	6287	6292	Sliding	Sliding - (WOB:20;GPM :420;TFO:350))
6-Oct-14	01:25	02:25	1.00	6292	6341	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	02:25	03:40	1.25	6341	6359	Sliding	Sliding - (WOB:20;GPM :420;TFO:350)
6-Oct-14	03:40	04:10	0.50	6359	6375	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	04:10	04:15	0.08	6375	6375	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
6-Oct-14	04:15	06:10	1.92	6375	6462	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	06:10	06:15	0.08	6462	6462	Survey & Conn.	@
6-Oct-14	06:15	08:00	1.75	6462	6548	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	08:00	08:05	0.08	6548	6548	Survey & Conn.	@
6-Oct-14	08:05	10:10	2.08	6548	6635	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	10:10	10:15	0.08	6635	6635	Survey & Conn.	@
6-Oct-14	10:15	11:45	1.50	6635	6689	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	11:45	12:35	0.83	6689	6709	Sliding	Sliding - (WOB:20;GPM :420;TFO:350))
6-Oct-14	12:35	12:50	0.25	6709	6722	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	12:50	12:55	0.08	6722	6722	Survey & Conn.	@

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-Oct-14	12:55	15:15	2.33	6722	6809	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	15:15	15:20	0.08	6809	6809	Survey & Conn.	Survey & Conn.@0_Inc °_Azm °
6-Oct-14	15:20	15:35	0.25	6809	6819	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	15:35	16:20	0.75	6819	6835	Sliding	Sliding - (WOB:20;GPM :420;TFO:350))
6-Oct-14	16:20	17:00	0.67	6835	6853	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	17:00	17:25	0.42	6853	6853	Rig Service-Inhole	Rig Service-Inhole
6-Oct-14	17:25	18:25	1.00	6853	6896	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	18:25	18:30	0.08	6896	6896	Survey & Conn.	@
6-Oct-14	18:30	20:45	2.25	6896	6984	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	20:45	20:50	0.08	6984	6984	Survey & Conn.	@
6-Oct-14	20:50	23:15	2.42	6984	7071	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)
6-Oct-14	23:15	23:20	0.08	7071	7071	Survey & Conn.	@
6-Oct-14	23:20	24:00	0.67	7071	7098	Drilling	Drilling - (WOB:12;GPM :415;RPM:60)

SDI Job #:	CA141868	Report Time:	2400	6 of 7
COMPANY:	Finley Resources	API JOB #		
LOCATION:	Randlett	WORK ORDER#		
RIG NAME:	Capstar #329	FIELD:	Three Rivers	
STATE:	Utah	Sec-Twn-Rng:		
COUNTY:	Uintah	AFE# & District		
WELL NAME:	Hackford 14-7A-4-2			

From Sunday, October 05, 2014 at 0000 to Sunday, October 05, 2014 at 2400

DRILLING SUMMARY				Drilling Parameters								
Start Depth	5294.00	Rotary Hours	16.25	WOB	17	Pick UP	148	Slack Off	105	SPM		
End Depth	6243.00	Circulating Hours	0.00	RAB	119	SPP	1020	FlowRate	420 - 420	122		
Total Drilled:	940.00	Avg. Total ROP:	41.78	Mud Data								
Total Rotary Drilled:	861.00	Avg. Rotary ROP:	52.98	Type				PV	4	SOLID	6.6	
Total Drilled Sliding:	79.00	Avg. Slide ROP:	12.64	Weight	9.2	GAS	0	YP	3	BHT°	121	
Slide Hours:	6.25	Percent Rotary:	91.60	Viscosity	31	SAND	0.25	PH	8.5	Flow T°	0	
Below Rotary Hrs.	24.00	Percent Slide:	8.40	Chlorides	53000	WL	0			Oil %	0	
PERSONNEL				Casing			BHA					
Lead Directional :	Martin Reedy			Size	Lb/ft	Set Depth	BHA # 1:Q506F, 6 1/2 7:8 3.0 .15 RPG, 10. MONEL, UBHO, 20. MONEL, GAP, 30. MONEL, 2 6" DC, 16 4" HWDP,					
Second Directional :	Alan Caswell			Signature:								
MWD Operator1	Dirk Lockard											
MWD Operator2	Rayan Mahoney											
Directional Company:	Crescent											
Geologist:												
Company Man:	Lynn Rich			Daily Cost			\$8,450.00					
Incl. In:	1.1	Azm. In:	148.7	Incl. Out:	1	Azm. Out:	149.4	Cummulative Cost:		\$58,440.00		

GENERAL COMMENT

Currently drilling ahead in the Garden Gulch formation, MD: 5530', last suvey SD: 5456 Inc: 1.5 Az: 164.0, no issues.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Oct-14	00:00	00:35	0.58	5294	5333	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	00:35	00:40	0.08	5333	5333	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
5-Oct-14	00:40	02:30	1.83	5333	5419	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	02:30	02:35	0.08	5419	5419	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
5-Oct-14	02:35	04:20	1.75	5419	5506	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	04:20	04:25	0.08	5506	5506	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
5-Oct-14	04:25	06:25	2.00	5506	5592	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	06:25	06:30	0.08	5592	5592	Survey & Conn.	@
5-Oct-14	06:30	07:55	1.42	5592	5679	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	07:55	08:00	0.08	5679	5679	Survey & Conn.	@
5-Oct-14	08:00	09:10	1.17	5679	5766	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	09:10	09:15	0.08	5766	5766	Survey & Conn.	@
5-Oct-14	09:15	10:30	1.25	5766	5853	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	10:30	10:35	0.08	5853	5853	Survey & Conn.	Survey & Conn.@0'_Inc 0°_Azm 0°
5-Oct-14	10:35	10:45	0.17	5853	5863	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	10:45	11:50	1.08	5863	5872	Sliding	Sliding - (WOB:20;GPM :420;TFO:350))
5-Oct-14	11:50	13:05	1.25	5872	5939	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Oct-14	13:05	13:10	0.08	5939	5939	Survey & Conn.	@
5-Oct-14	13:10	14:50	1.67	5944	5956	Sliding	Sliding - (WOB:20;GPM :420;TFO:350))
5-Oct-14	14:50	15:25	0.58	5956	5982	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	15:25	16:05	0.67	5986	5998	Sliding	Sliding - (WOB:20;GPM :420;TFO:350)
5-Oct-14	16:05	16:35	0.50	5998	6026	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	16:35	17:10	0.58	6026	6026	Rig Service-Inhole	Rig Service-Inhole
5-Oct-14	17:10	17:15	0.08	6026	6026	Survey & Conn.	@
5-Oct-14	17:15	18:10	0.92	6026	6069	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	18:10	18:55	0.75	6069	6081	Sliding	Sliding - (WOB:20;GPM :420;TFO:350)
5-Oct-14	18:55	19:40	0.75	6081	6112	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	19:40	19:45	0.08	6112	6112	Survey & Conn.	@
5-Oct-14	19:45	20:40	0.92	6112	6133	Sliding	Sliding - (WOB:20;GPM :420;TFO:350)
5-Oct-14	20:40	22:10	1.50	6133	6200	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
5-Oct-14	22:10	22:15	0.08	6200	6200	Survey & Conn.	@
5-Oct-14	22:15	23:25	1.17	6200	6213	Sliding	Sliding - (WOB:20;GPM :420;TFO:350)
5-Oct-14	23:25	24:00	0.58	6213	6243	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)

SDI Job #:	CA141868	Report Time:	2400	5 of 5
COMPANY:	Finley Resources	API JOB #		
LOCATION:		WORK ORDER#		
RIG NAME:	Capstar #329	FIELD:	Three Rivers	
STATE:	Utah	Sec-Twn-Rng:		
COUNTY:	Uintah	AFE# & District		
WELL NAME:	Hackford 14-7A-4-2			

From Saturday, October 04, 2014 at 0000 to Saturday, October 04, 2014 at 2400

DRILLING SUMMARY				Drilling Parameters								
Start Depth	4018.00	Rotary Hours	19.50	WOB	17	Pick UP	112	Slack Off	89	SPM		
End Depth	5294.00	Circulating Hours	0.00	RAB	96	SPP	1020	FlowRate	420 - 420	122		
Total Drilled:	1276.00	Avg. Total ROP:	57.35	Mud Data								
Total Rotary Drilled:	1207.00	Avg. Rotary ROP:	61.90	Type				PV	4	SOLID	6.6	
Total Drilled Sliding:	69.00	Avg. Slide ROP:	25.09	Weight	9.2	GAS	0	YP	3	BHT°	121	
Slide Hours:	2.75	Percent Rotary:	94.59	Viscosity	31	SAND	0.25	PH	8.5	Flow T°	0	
Below Rotary Hrs.	24.00	Percent Slide:	5.41	Chlorides	53000	WL	0			Oil %	0	
PERSONNEL				Casing			BHA					
Lead Directional :	Martin Reedy			Size	Lb/ft	Set Depth	BHA # 1:Q506F, 6 1/2 7:8 3.0 .15 RPG, 10. MONEL, UBHO, 20. MONEL, GAP, 30. MONEL, 2 6" DC, 16 4" HWDP,					
Second Directional :	Alan Caswell			Signature:								
MWD Operator1	Dirk Lockard											
MWD Operator2	Rayan Mahoney											
Directional Company:	Crescent											
Geologist:												
Company Man:	Lynn Rich			Daily Cost			\$8,450.00					
Incl. In:	8.1	Azm. In:	82	Incl. Out:	1.1	Azm. Out:	148.7	Cummulative Cost:			\$49,990.00	

GENERAL COMMENT

Currently drilling ahead in the Mahogany Bench formation, will be vertical in the target around noon.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Oct-14	00:00	00:10	0.17	4018	4033	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	00:10	00:15	0.08	4033	4033	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
4-Oct-14	00:15	01:00	0.75	4033	4077	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	01:00	01:25	0.42	4077	4092	Sliding	Sliding - (WOB:20;GPM :420;TFO:50))
4-Oct-14	01:25	01:45	0.33	4092	4121	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	01:45	01:50	0.08	4121	4121	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
4-Oct-14	01:50	02:10	0.33	4121	4123	Sliding	Sliding - (WOB:20;GPM :420;TFO:50))
4-Oct-14	02:10	03:20	1.17	4123	4208	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	03:20	03:25	0.08	4208	4208	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
4-Oct-14	03:25	03:50	0.42	4208	4223	Sliding	Sliding - (WOB:20;GPM :420;TFO:50)
4-Oct-14	03:50	05:40	1.83	4223	4297	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	05:40	05:45	0.08	4297	4297	Survey & Conn.	@
4-Oct-14	05:45	07:00	1.25	4297	4337	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	07:00	07:30	0.50	4337	4350	Sliding	Sliding - (WOB:20;GPM :420;TFO:50)
4-Oct-14	07:30	07:55	0.42	4350	4380	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	07:55	08:00	0.08	4380	4380	Survey & Conn.	@
4-Oct-14	08:00	08:25	0.42	4380	4388	Sliding	Sliding - (WOB:20;GPM :420;TFO:50)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Oct-14	08:25	09:50	1.42	4388	4468	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	09:50	09:55	0.08	4468	4468	Survey & Conn.	@
4-Oct-14	09:55	10:55	1.00	4468	4554	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	10:55	11:00	0.08	4554	4554	Survey & Conn.	@
4-Oct-14	11:00	11:40	0.67	4554	4570	Sliding	Sliding - (WOB:20;GPM :420;TFO:50)
4-Oct-14	11:40	12:35	0.92	4570	4639	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	12:35	12:40	0.08	4639	4639	Survey & Conn.	@
4-Oct-14	12:40	14:05	1.42	4639	4726	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	14:05	14:10	0.08	4726	4726	Survey & Conn.	Survey & Conn.@4158_Inc °_Azm °
4-Oct-14	14:10	15:35	1.42	4726	4812	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	15:35	15:40	0.08	4812	4812	Survey & Conn.	@
4-Oct-14	15:40	16:50	1.17	4812	4899	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	16:50	16:55	0.08	4899	4899	Survey & Conn.	@
4-Oct-14	16:55	17:25	0.50	4899	4899	Rig Service-Inhole	Rig Service-Inhole
4-Oct-14	17:25	18:50	1.42	4899	4986	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	18:50	18:55	0.08	4986	4986	Survey & Conn.	@
4-Oct-14	18:55	20:10	1.25	4986	5073	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	20:10	20:15	0.08	5073	5073	Survey & Conn.	@
4-Oct-14	20:15	21:25	1.17	5073	5160	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	21:25	21:30	0.08	5160	5160	Survey & Conn.	@
4-Oct-14	21:30	23:05	1.58	5160	5246	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
4-Oct-14	23:05	23:10	0.08	5246	5246	Survey & Conn.	@
4-Oct-14	23:10	24:00	0.83	5246	5294	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)

	JOB NO.: CA141868	Report Time: 2400	3 of 8
	Company: Finley Resources	API JOB # 43047544380000	
	LOCATION: Randlett	WORK ORDER#	
	RIG NAME: Capstar #329	FIELD: Three Rivers	
	STATE: Utah	Township:	
	COUNTY: Uintah	SECTRANGE:	
	WELL NAME: Hackford 14-7A-4-2		

From Thursday, October 02, 2014 at 0000 to Thursday, October 02, 2014 at 2400

DRILLING SUMMARY				Drilling Parameters									
Start Depth	1075.00	Rotary Hours	12.33	WOB	15	Pick UP	72	Slack Off	58	SPM			
End Depth	2467.00	Circulating Hours	0.42	RAB	63	SPP	830	FlowRate	0 - 420	122			
Total Drilled:	1392.00	Avg. Total ROP:	86.10	Mud Data									
Total Rotary Drilled:	1213.00	Avg. Rotary ROP:	98.35	Type		PV	0	SOLID	0				
Total Drilled Sliding:	179.00	Avg. Slide ROP:	46.70	Weight	0	GAS	0	YP	0	BHT°	0		
Slide Hours:	3.83	Percent Rotary:	87.14	Viscosity	0	SAND	0	PH	0	Flow T°	0		
Below Rotary Hrs.	24.00	Percent Slide:	12.86	Chlorides	0	WL	0			Oil %	0		
PERSONNEL				CASING				BHA					
Lead Directional :	Martin Reedy			Size	Lb/ft	Set Depth	BHA # 1:Q506F, 6 1/2 7:8 3.0 .15 RPG, 10. MONEL, UBHO, 20. MONEL, GAP, 30. MONEL, 2 6" DC, 16 4" HWDP,						
Second Directional :	Alan Caswell/Mike Martin			Signature:				Daily Cost \$8,450.00 Cummulative Cost: \$33,090.00					
MWD Operator1	Dirk Lockard												
MWD Operator2	Ryan Mahoney												
Directional Company:	Crescent Directional												
Geologist:													
Company Man:	Lynn Rich			Incl. In:	0.3	Azm. In:	258.4	Incl. Out:	15.8	Azm. Out:	88		

GENERAL COMMENT

POOH today and P/U a new EM tool because of some possible magnetic issues. TIH and are currently drilling ahead in the tangent in the Green River formation.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Oct-14	00:00	00:05	0.08	1075	1075	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	00:05	00:10	0.08	1075	1085	Sliding	TIH
2-Oct-14	00:10	00:55	0.75	1085	1163	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
2-Oct-14	00:55	01:00	0.08	1163	1163	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	01:00	01:10	0.17	1163	1174	Sliding	Sliding - (WOB:12;GPM :420;TFO:80))
2-Oct-14	01:10	01:50	0.67	1174	1250	Drilling	Drilling - (WOB:15;GPM :0;RPM:60)
2-Oct-14	01:50	01:55	0.08	1250	1250	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	01:55	02:05	0.17	1250	1261	Sliding	Sliding - (WOB:12;GPM :420;TFO:85))
2-Oct-14	02:05	02:45	0.67	1261	1338	Drilling	Drilling - (WOB:15;GPM :0;RPM:60)
2-Oct-14	02:45	02:50	0.08	1338	1338	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	02:50	03:10	0.33	1338	1350	Sliding	Sliding - (WOB:12;GPM :420;TFO:5))
2-Oct-14	03:10	03:50	0.67	1350	1424	Drilling	Drilling - (WOB:15;GPM :0;RPM:60)
2-Oct-14	03:50	03:55	0.08	1424	1424	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	03:55	04:20	0.42	1424	1436	Sliding	Sliding - (WOB:12;GPM :420;TFO:5))
2-Oct-14	04:20	05:20	1.00	1436	1512	Drilling	Drilling - (WOB:15;GPM :0;RPM:60)
2-Oct-14	05:20	05:25	0.08	1512	1512	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	05:25	05:35	0.17	1512	1526	Sliding	Sliding - (WOB:12;GPM :420;TFO:5))

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Oct-14	05:35	06:20	0.75	1526	1599	Drilling	Drilling - (WOB:15;GPM :0;RPM:60)
2-Oct-14	06:20	06:25	0.08	1599	1599	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	06:25	06:35	0.17	1599	1615	Sliding	Sliding - (WOB:12;GPM :420;TFO:-5))
2-Oct-14	06:35	07:35	1.00	1615	1687	Drilling	Drilling - (WOB:15;GPM :0;RPM:60)
2-Oct-14	07:35	07:40	0.08	1687	1687	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	07:40	08:00	0.33	1687	1702	Sliding	Sliding - (WOB:12;GPM :420;TFO:-5))
2-Oct-14	08:00	08:50	0.83	1702	1773	Drilling	Drilling - (WOB:15;GPM :0;RPM:60)
2-Oct-14	08:50	08:55	0.08	1773	1773	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	08:55	09:00	0.08	1773	1783	Sliding	Sliding - (WOB:12;GPM :420;TFO:15))
2-Oct-14	09:00	09:15	0.25	1783	1817	Drilling	Drilling - (WOB:15;GPM :0;RPM:60)
2-Oct-14	09:15	10:20	1.08	1817	1817	Rig repair	Rig repair
2-Oct-14	10:20	10:40	0.33	1817	1824	Sliding	Sliding - (WOB:12;GPM :420;TFO:-0))
2-Oct-14	10:40	10:55	0.25	1824	1860	Drilling	Drilling - (WOB:15;GPM :0;RPM:60)
2-Oct-14	10:55	11:25	0.50	1860	1860	Rig repair	Rig Repair
2-Oct-14	11:25	11:30	0.08	1860	1860	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	11:30	12:10	0.67	1860	1860	Other	Trouble shoot MWD
2-Oct-14	12:10	13:50	1.67	1860	1860	POOH	POOH
2-Oct-14	13:50	14:00	0.17	1860	1860	Other	R & R MWD
2-Oct-14	14:00	15:50	1.83	1860	1860	TIH	TIH
2-Oct-14	15:50	15:55	0.08	1860	1860	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	15:55	16:20	0.42	1860	1860	Circulating	Trouble shoot MWD
2-Oct-14	16:20	16:30	0.17	1860	1870	Sliding	Sliding - (WOB:12;GPM :420;TFO:-40))
2-Oct-14	16:30	17:20	0.83	1870	1945	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
2-Oct-14	17:20	17:25	0.08	1945	1945	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	17:25	17:40	0.25	1945	1952	Sliding	Sliding - (WOB:12;GPM :420;TFO:-40))
2-Oct-14	17:40	18:20	0.67	1952	2032	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
2-Oct-14	18:20	18:25	0.08	2032	2032	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	18:25	18:40	0.25	2032	2042	Sliding	Sliding - (WOB:12;GPM :420;TFO:-40)
2-Oct-14	18:40	19:20	0.67	2042	2120	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
2-Oct-14	19:20	19:25	0.08	2120	2120	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	19:25	19:40	0.25	2120	2130	Sliding	Sliding - (WOB:12;GPM :420;TFO:-40)
2-Oct-14	19:40	20:25	0.75	2130	2207	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
2-Oct-14	20:25	20:30	0.08	2207	2207	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	20:30	20:45	0.25	2207	2216	Sliding	Sliding - (WOB:12;GPM :420;TFO:-40)
2-Oct-14	20:45	21:35	0.83	2216	2292	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
2-Oct-14	21:35	21:40	0.08	2292	2292	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	21:40	21:50	0.17	2292	2299	Sliding	Sliding - (WOB:12;GPM :420;TFO:10))
2-Oct-14	21:50	22:45	0.92	2299	2380	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
2-Oct-14	22:45	22:50	0.08	2380	2380	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°
2-Oct-14	22:50	23:05	0.25	2380	2388	Sliding	Sliding - (WOB:12;GPM :420;TFO:10))
2-Oct-14	23:05	23:55	0.83	2388	2467	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
2-Oct-14	23:55	24:00	0.08	2467	2467	Survey & Conn.	Survey & Conn.@0' Inc 0° Azm 0°

SDI Job #:	CA141868	Report Time:	2400	4 of 5
COMPANY:	Finley Resources	API JOB #		
LOCATION:		WORK ORDER#		
RIG NAME:	Capstar #329	FIELD:	Three Rivers	
STATE:	Utah	Sec-Twn-Rng:		
COUNTY:	Uintah	AFE# & District		
WELL NAME:	Hackford 14-7A-4-2			

From Friday, October 03, 2014 at 0000 to Friday, October 03, 2014 at 2400

DRILLING SUMMARY				Drilling Parameters									
Start Depth	2467.00	Rotary Hours	16.25	WOB	17	Pick UP	72	Slack Off	58	SPM			
End Depth	4018.00	Circulating Hours	0.17	RAB	63	SPP	830	FlowRate	420 - 420	122			
Total Drilled:	1543.00	Avg. Total ROP:	69.09	Mud Data									
Total Rotary Drilled:	1355.00	Avg. Rotary ROP:	83.38	Type				PV	1	SOLID	4.7		
Total Drilled Sliding:	188.00	Avg. Slide ROP:	30.90	Weight	8.95	GAS	0	YP	1	BHT°	106		
Slide Hours:	6.08	Percent Rotary:	87.82	Viscosity	29	SAND	0.25	PH	8.5	Flow T°	0		
Below Rotary Hrs.	24.00	Percent Slide:	12.18	Chlorides	32000	WL	0			Oil %	0		
PERSONNEL				Casing			BHA						
Lead Directional :	Martin Reedy			Size	Lb/ft	Set Depth	BHA # 1:Q506F, 6 1/2 7:8 3.0 .15 RPG, 10. MONEL, UBHO, 20. MONEL, GAP, 30. MONEL, 2 6" DC, 16 4" HWDP,						
Second Directional :	Alan Caswell			Signature:									
MWD Operator1	Dirk Lockard												
MWD Operator2	Rayan Mahoney												
Directional Company:	Crescent												
Geologist:													
Company Man:	Lynn Rich			Daily Cost			\$8,450.00						
Incl. In:	15.8	Azm. In:	88	Incl. Out:	8.1	Azm. Out:	82	Cummulative Cost:			\$41,540.00		

GENERAL COMMENT

Drilling ahead in the tangent in the Green River formation.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Oct-14	00:00	00:15	0.25	2467	2475	Sliding	Sliding - (WOB:15;GPM :420;TFO:0))
3-Oct-14	00:15	01:20	1.08	2475	2554	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	01:20	01:25	0.08	2554	2554	Survey & Conn.	Survey & Conn.@2504' Inc 15.3° Azm 91.7°
3-Oct-14	01:25	02:20	0.92	2554	2641	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	02:20	02:25	0.08	2641	2641	Survey & Conn.	Survey & Conn.@2591' Inc 14.2° Azm 92.1°
3-Oct-14	02:25	02:40	0.25	2641	2651	Sliding	Sliding - (WOB:15;GPM :420;TFO:-20))
3-Oct-14	02:40	03:15	0.58	2651	2729	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	03:15	03:20	0.08	2729	2729	Survey & Conn.	Survey & Conn.@2679' Inc 13.4° Azm 89.1°
3-Oct-14	03:20	03:40	0.33	2732	2744	Sliding	Sliding - (WOB:15;GPM :420;TFO:-20))
3-Oct-14	03:40	04:00	0.33	2744	2773	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	04:00	04:15	0.25	2773	2780	Sliding	Sliding - (WOB:15;GPM :420;TFO:0))
3-Oct-14	04:15	04:30	0.25	2780	2815	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	04:30	04:35	0.08	2815	2815	Survey & Conn.	Survey & Conn.@2765' Inc 13.4° Azm 88.6°
3-Oct-14	04:35	05:00	0.42	2815	2829	Sliding	Sliding - (WOB:15;GPM :420;TFO:30))
3-Oct-14	05:00	05:15	0.25	2829	2859	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	05:15	05:40	0.42	2859	2871	Sliding	Sliding - (WOB:15;GPM :420;TFO:20))
3-Oct-14	05:40	05:55	0.25	2871	2903	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Oct-14	05:55	06:00	0.08	2903	2903	Survey & Conn.	Survey & Conn.@2853' Inc 13.6° Azm 86.1°
3-Oct-14	06:00	06:30	0.50	2908	2922	Sliding	Sliding - (WOB:15;GPM :420;TFO:20))
3-Oct-14	06:30	07:05	0.58	2922	2990	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	07:05	07:10	0.08	2990	2990	Survey & Conn.	Survey & Conn.@2940' Inc 15.2° Azm 95.8°
3-Oct-14	07:10	08:10	1.00	2990	3078	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	08:10	08:15	0.08	3078	3078	Survey & Conn.	Survey & Conn.@3028' Inc 15.6° Azm 95.8°
3-Oct-14	08:15	08:30	0.25	3078	3087	Sliding	Sliding - (WOB:15;GPM :420;TFO:20)
3-Oct-14	08:30	09:30	1.00	3087	3164	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	09:30	09:35	0.08	3164	3164	Survey & Conn.	Survey & Conn.@3114' Inc 15.9° Azm 93.6°
3-Oct-14	09:35	09:50	0.25	3164	3173	Sliding	Sliding - (WOB:15;GPM :420;TFO:-120))
3-Oct-14	09:50	10:45	0.92	3173	3252	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	10:45	10:50	0.08	3252	3252	Survey & Conn.	Survey & Conn.@3202' Inc 15.3° Azm 89.7°
3-Oct-14	10:50	11:00	0.17	3252	3262	Sliding	Sliding - (WOB:15;GPM :420;TFO:-120)
3-Oct-14	11:00	11:55	0.92	3262	3339	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	11:55	12:15	0.33	3339	3349	Sliding	Sliding - (WOB:15;GPM :420;TFO:-120))
3-Oct-14	12:15	13:15	1.00	3349	3425	Drilling	Drilling - (WOB:15;GPM :420;RPM:60)
3-Oct-14	13:15	13:20	0.08	3425	3425	Survey & Conn.	Survey & Conn.@3375' Inc 14.1° Azm 90.8°
3-Oct-14	13:20	13:35	0.25	3425	3437	Sliding	Sliding - (WOB:15;GPM :420;TFO:-200))
3-Oct-14	13:35	14:35	1.00	3437	3512	Drilling	Drilling - (WOB:1;GPM :420;RPM:60)
3-Oct-14	14:35	14:40	0.08	3512	3512	Survey & Conn.	Survey & Conn.@3462' Inc 12.7° Azm 86.4°
3-Oct-14	14:40	14:50	0.17	3512	3522	Sliding	Sliding - (WOB:15;GPM :420;TFO:-150)
3-Oct-14	14:50	15:50	1.00	3522	3599	Drilling	Drilling - (WOB:1;GPM :420;RPM:60)
3-Oct-14	15:50	15:55	0.08	3599	3599	Survey & Conn.	Survey & Conn.@3549' Inc 9.3° Azm 80.7°
3-Oct-14	15:55	17:05	1.17	3599	3684	Drilling	Drilling - (WOB:1;GPM :420;RPM:60)
3-Oct-14	17:05	17:10	0.08	3684	3684	Survey & Conn.	Survey & Conn.@3634' Inc 8.1° Azm 78.4°
3-Oct-14	17:10	17:30	0.33	3684	3694	Sliding	Sliding - (WOB:15;GPM :420;TFO:-30))
3-Oct-14	17:30	17:50	0.33	3694	3772	Drilling	Drilling - (WOB:1;GPM :420;RPM:60)
3-Oct-14	17:50	18:00	0.17	3772	3772	Rig Service-Inhole	Rig Service-Inhole
3-Oct-14	18:00	18:05	0.08	3772	3772	Survey & Conn.	Survey & Conn.@3722' Inc 7.6° Azm 69.3°
3-Oct-14	18:05	19:00	0.92	3772	3781	Sliding	Sliding - (WOB:15;GPM :420;TFO:50))
3-Oct-14	19:00	20:00	1.00	3781	3819	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
3-Oct-14	20:00	20:10	0.17	3819	3819	Circulating	Work Pipe
3-Oct-14	20:10	20:40	0.50	3819	3839	Sliding	Sliding - (WOB:20;GPM :420;TFO:50))
3-Oct-14	20:40	21:15	0.58	3839	3859	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
3-Oct-14	21:15	21:20	0.08	3859	3859	Survey & Conn.	Survey & Conn.@3809' Inc 6.1° Azm 69.3°
3-Oct-14	21:20	21:50	0.50	3859	3871	Sliding	Sliding - (WOB:20;GPM :420;TFO:50)
3-Oct-14	21:50	23:05	1.25	3871	3947	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)
3-Oct-14	23:05	23:10	0.08	3947	3947	Survey & Conn.	Survey & Conn.@3897' Inc 8.1° Azm 82°
3-Oct-14	23:10	24:00	0.83	3947	4018	Drilling	Drilling - (WOB:17;GPM :420;RPM:60)



JOB NO.:	CA141868	Report Time:	2400	2 of 3
Company:	Finley Resources	API JOB #		
LOCATION:		WORK ORDER#		
RIG NAME:	Capstar	FIELD:	Three Rivers	
STATE:	Utah	Township:		
COUNTY:	Uintah	SECTRANGE:		
WELL NAME:	Hackford 14-7A-4-2			

From Wednesday, October 01, 2014 at 0000 to Wednesday, October 01, 2014 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	1007.00	Rotary Hours	2.92	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	1075.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0		0
Total Drilled:	68.00	Avg. Total ROP:	23.31	Mud Data							
Total Rotary Drilled:	68.00	Avg. Rotary ROP:	23.31	Type		PV	0	SOLID		0	
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	5.00	Percent Slide:	.00	Chlorides	0	WL	0			Oil %	0
PERSONNEL				CASING			BHA				
Lead Directional :	Martin Reedy			Size	Lb/ft	Set Depth	BHA # 1:Q506F, 6 1/2 7:8 3.0 .15 RPG, 10. MONEL, UBHO, 20. MONEL, GAP, 30. MONEL, 2 6" DC, 16 4" HWDP,				
Second Directional :	Alan Capswell			Signature: _____							
MWD Operator1	Dirk Lockard										
MWD Operator2	Rayan Mahoney										
Directional Company:	Crescent										
Geologist:											
Company Man:	Lynn Rich			Daily Cost			\$18,990.00				
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	Cummulative Cost:			\$24,640.00

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
1-Oct-14	00:00	16:00	16.00	0	0	Standby	Standby
1-Oct-14	16:00	19:00	3.00	0	0	Test BOPS	
1-Oct-14	19:00	20:00	1.00	0	0	Change BHA	
							P/U BHA # 1
1-Oct-14	20:00	21:05	1.08	0	1007	TIH	TIH
1-Oct-14	21:05	24:00	2.92	1007	1075	Drilling	TIH



JOB NO.:	CA141868	Report Time:	2400	1 of 2
Company:	Finley Resources	API JOB #		
LOCATION:		WORK ORDER#		
RIG NAME:	Capstar	FIELD:	Three Rivers	
STATE:	Utah	Township:		
COUNTY:	Uintah	SECTRANGE:		
WELL NAME:	Hackford 14-7A-4-2			

From Tuesday, September 30, 2014 at 0000 to Tuesday, September 30, 2014 at 2400

DRILLING SUMMARY				Drilling Parameters									
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM			
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0		0		
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data									
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type		PV	0	SOLID			0		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°		0	
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°		0	
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %		0	
PERSONNEL				CASING				BHA					
Lead Directional :	Martin Reedy			Size	Lb/ft	Set Depth	N/A						
Second Directional :	Alan Capswell			Signature:									
MWD Operator1	Dirk Lockard												
MWD Operator2	Rayan Mahoney												
Directional Company:	Crescent												
Geologist:													
Company Man:	Lynn Rich			Daily Cost				\$5,650.00					
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0	Cummulative Cost:				\$5,650.00	

GENERAL COMMENT

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

Well Information

BHA # 1



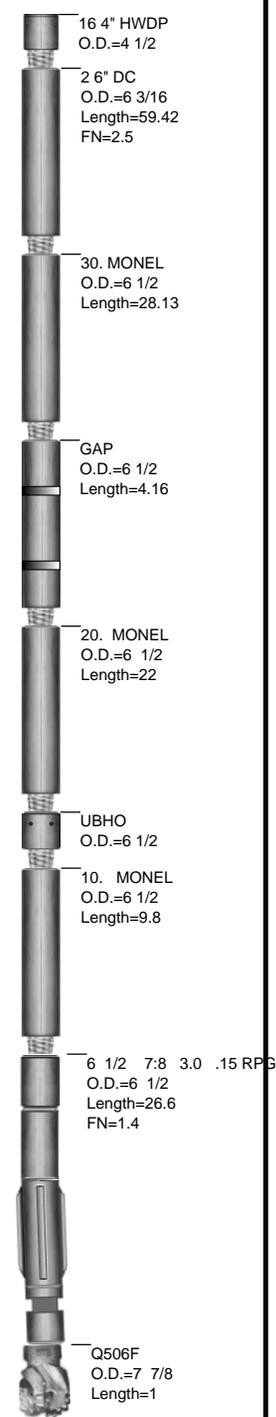
SDI Job #: CA141868
COMPANY: Finley Resources
LOCATION: Randlett
RIG NAME: Capstar #329
STATE: Utah
COUNTY: Uintah
WELL NAME: Hackford 14-7A-4-2

FIELD: Three Rivers
Sec-Twn-Rng:
PO #/ DISTRICT
Lead DD: Martin Reedy
Co. Man: Lynn Rich
BHA TYPE: Steerable Assembly

BHA Summary Information

TIME IN - OUT		Rotary Hours	106.83	Start Depth	1007.00	RPM	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only	131.507 2.42	End Depth	7583.00	Range	
01-Oct-14 @ 20:00	08-Oct-14 @ 05:00	Slide Hours	22.25	Percent Rotary:	91.25	0 -60	0 -420
		Below Rotary Hrs.	153.00	Percent Slide:	8.75		
Total Drilled:		6559.00	Avg. Total ROP:	50.81	Incl.	Azimuth	
Total Rotary Drilled:		5985.00	Avg. Rotary ROP:	56.02	IN	OUT	IN OUT
Total Drilled Sliding:		574.00	Avg. Slide ROP:	25.80	.0	.0	.00
SPP	0 -1300	Weights	SO 0 -126	PU 0 -180	RAB 0 -145	Reason POOH	TD

Bit Data				Motor Data				Mud Data									
BAKER	Q506F			6.5 Slow HR 7:8 3.0 .155 Rev/Gal 1.5 ADJ				Type	Brine								
Type Bit		PDC		Model:	Pad OD			WT	9.5	GAS	0	Solids	8.8				
TFA	1.178			MFG.	Crescent 7 1/8			Vis	31	SAND	0.25	T °	0				
JETS		16	16	16	16	16	Bend °	1.5	Stator/Rotor	7:8		PV	4	PH	8.5	Chlor	48000
		16	0	0	0	0	Bit to Bend	60	Motor Diff			YP	3	WL	0	Oil %	0
Bit Coding		IADC#		Rev/GAL	0.155			BHT°		129.51							
IR	OR	DL	Loc	BS	G	ODL	NB Stab	0	Pumps		PUMP1		PUMP1				
2	3		T	X		ER	Rotor Jet	0	NAME								
Bit Drop:		111 PSI @ 420 GPM		Sensor Offsets				Type									
Comments		Sensor	50	Sonic	0		Liner										
		Gamma	0	DNCS	0		Stroke										
		Restiv	0	GYRO	0		Efficiency										



BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Q506F	715288		7 7/8	1.00	1.00	4 1/2 REGP
2	6 1/2 7:8 3.0 .15 RPG	CD675078		6 1/2	26.60	27.60	4 1/2 XHB
3	10. MONEL	SD44840	2 3/8	6 1/2	9.80	37.40	4 1/2 XHB
4	UBHO	CD650164	3 1/4	6 1/2	2.80	40.20	4 1/2 XHB
5	20. MONEL	SD41957	2 3/8	6 1/2	22.00	62.20	4 1/2 XHB
6	GAP	CGS650610	3 1/4	6 1/2	4.16	66.36	4 1/2 XHB
7	30. MONEL	SD46219	2 3/8	6 1/2	28.13	94.49	4 1/2 XHB
8	2 6" DC	Rig	2 3/8	6 3/16	59.42	153.91	4 1/2 XHB
9	16 4" HWDP	Rig	2 7/8	4 1/2	488.13	642.04	4 1/2 XHB



JOB NO.: CA141868
Company: Finley Resources
LOCATION: Randlett
RIG NAME: Capstar #329
STATE: Utah
COUNTY: Uintah
WELL NAME: Hackford 14-7A-4-2
Survey File:

FIELD: Three Rivers
Township:
Range/Section /

MOTOR INFORMATION			
Desc:	6.5 Slow HR 7:8 3.0 .155 Rev/Gal 1.5 ADJ		
Bent Hsg/Sub:	1.5	0	Bit to Bend: 60
Pad OD:	7 1/8		NB Stab:

Slide Report for all BHA's in Job: CA141868

Note: Sliding and Drilling Surveys are LOGICAL expectations.

#	Date	Hrs	Start MD	End MD	DMD	WOB	ROP	RPM	Surf Torq	Flow Rate	SPP On B	SPP Off B	Delta SPP	TFO cTFO	Survey MD	INC	AZM	Surv DLS	Mot DLS	Rot DLS	Q	Drill Mode
1	1-Oct	2.92	1007	1075	68		23.3	0	0						1075	0.23	156.84	0.82	0.00	0.00	0	Drilling
1	2-Oct	0.08	1075	1085	10	12	120.0	60	7000	420	830	690	140	80	1085	0.29	145.22	0.82	0.00	0.00	0	Sliding
1	2-Oct	0.75	1085	1163	78	15	104.0	60	7000	420	830	690	140		1163	1.19	90.73	1.73	0.00	0.00	0	Drilling
1	2-Oct	0.17	1163	1174	11	12	66.0	60	7000	420	830	690	140	80	1174	1.37	87.79	1.73	0.00	0.00	0	Sliding
1	2-Oct	0.67	1174	1250	76	15	114.0	60	7000	420	830	690	140		1250	2.54	85.21	1.48	0.00	0.00	0	Drilling
1	2-Oct	0.17	1250	1261	11	12	66.0	60	7000	420	830	690	140	85	1261	2.70	85.51	1.48	0.00	0.00	0	Sliding
1	2-Oct	0.67	1261	1338	77	15	115.5	60	7000	420	830	690	140		1338	3.91	88.24	1.65	0.00	0.00	0	Drilling
1	2-Oct	0.33	1338	1350	12	12	36.0	60	7000	420	830	690	140	5	1350	4.11	88.63	1.65	0.00	0.00	0	Sliding
1	2-Oct	0.67	1350	1424	74	15	111.0	60	7000	420	830	690	140		1424	4.95	93.62	1.14	0.00	0.00	0	Drilling
1	2-Oct	0.42	1424	1436	12	12	28.8	60	7000	420	830	690	140	5	1436	5.06	94.54	1.14	0.00	0.00	0	Sliding
1	2-Oct	1.00	1436	1512	76	15	76.0	60	7000	420	830	690	140		1512	5.87	94.43	1.21	0.00	0.00	0	Drilling
1	2-Oct	0.17	1512	1526	14	12	84.0	60	7000	420	830	690	140	-5	1526	6.03	93.94	1.21	0.00	0.00	0	Sliding
1	2-Oct	0.75	1526	1599	73	15	97.3	60	7000	420	830	690	140		1599	7.20	90.09	1.95	0.00	0.00	0	Drilling
1	2-Oct	0.17	1599	1615	16	12	96.0	60	7000	420	830	690	140	-5	1615	7.50	89.25	1.95	0.00	0.00	0	Sliding
1	2-Oct	1.00	1615	1687	72	15	72.0	60	7000	420	830	690	140		1687	8.70	92.98	2.10	0.00	0.00	0	Drilling
1	2-Oct	0.33	1687	1702	15	12	45.0	60	7000	420	830	690	140	-5	1702	8.94	94.24	2.10	0.00	0.00	0	Sliding
1	2-Oct	0.83	1702	1773	71	15	85.2	60	7000	420	830	690	140		1773	10.21	98.84	2.08	0.00	0.00	0	Drilling
1	2-Oct	0.08	1773	1783	10	12	120.0	60	7000	420	830	690	140	15	1783	10.40	99.37	2.08	0.00	0.00	0	Sliding
1	2-Oct	0.25	1783	1817	34	15	136.0	60	7000	420	830	690	140		1817	11.06	100.43	2.33	0.00	0.00	0	Drilling
1	2-Oct	0.33	1817	1824	7	12	21.0	60	7000	420	830	690	140		1824	11.21	100.17	2.33	0.00	0.00	0	Sliding
1	2-Oct	0.25	1824	1860	36	15	144.0	60	7000	420	830	690	140		1860	12.01	98.95	2.33	0.00	0.00	0	Drilling
1	2-Oct	0.17	1860	1870	10	12	60.0	60	7000	420	830	690	140	-40	1870	12.24	98.63	2.33	0.00	0.00	0	Sliding
1	2-Oct	0.83	1870	1945	75	15	90.0	60	7000	420	830	690	140		1945	13.14	97.08	0.78	0.00	0.00	0	Drilling
1	2-Oct	0.25	1945	1952	7	12	28.0	60	7000	420	830	690	140	-40	1952	13.19	96.97	0.78	0.00	0.00	0	Sliding
1	2-Oct	0.67	1952	2032	80	15	120.0	60	7000	420	830	690	140		2032	13.74	95.17	0.92	0.00	0.00	0	Drilling

Slide Report for all BHA's in Job: CA141868

Note: Sliding and Drilling Surveys are LOGICAL expectations.

#	Date	Hrs	Start MD	End MD	DMD	WOB	ROP	RPM	Surf Torq	Flow Rate	SPP On B	SPP Off B	Delta SPP	TFO cTFO	Survey MD	INC	AZM	Surv DLS	Mot DLS	Rot DLS	Q	Drill Mode
1	2-Oct	0.25	2032	2042	10	12	40.0	60	7000	420	830	690	140	-40	2042	13.81	94.91	0.92	0.00	0.00	0	Sliding
1	2-Oct	0.67	2042	2120	78	15	117.0	60	7000	420	830	690	140		2120	14.40	92.79	1.06	0.00	0.00	0	Drilling
1	2-Oct	0.25	2120	2130	10	12	40.0	60	7000	420	830	690	140	-40	2130	14.48	92.52	1.06	0.00	0.00	0	Sliding
1	2-Oct	0.75	2130	2207	77	15	102.7	60	7000	420	830	690	140		2207	14.75	89.56	1.14	0.00	0.00	0	Drilling
1	2-Oct	0.25	2207	2216	9	12	36.0	60	7000	420	830	690	140	-40	2216	14.76	89.16	1.14	0.00	0.00	0	Sliding
1	2-Oct	0.83	2216	2292	76	15	91.2	60	7000	420	830	690	140		2292	14.74	88.74	0.39	0.00	0.00	0	Drilling
1	2-Oct	0.17	2292	2299	7	12	42.0	60	7000	420	830	690	140	10	2299	14.73	88.84	0.39	0.00	0.00	0	Sliding
1	2-Oct	0.92	2299	2380	81	15	88.4	60	7000	420	830	690	140		2380	15.33	88.53	1.32	0.00	0.00	0	Drilling
1	2-Oct	0.25	2380	2388	8	12	32.0	60	7000	420	830	690	140	10	2388	15.43	88.41	1.32	0.00	0.00	0	Sliding
1	2-Oct	0.83	2388	2467	79	15	94.8	60	7000	420	830	690	140		2467	15.51	90.10	1.28	0.00	0.00	0	Drilling
1	3-Oct	0.25	2467	2475	8	15	32.0	60	7000	420	830	690	140	75	2475	15.46	90.44	1.28	0.00	0.00	0	Sliding
1	3-Oct	1.08	2475	2554	79	15	72.9	60	7000	420	830	690	140		2554	14.67	91.92	1.27	0.00	0.00	0	Drilling
1	3-Oct	0.92	2554	2641	87	15	94.9	60	7000	420	830	690	140		2641	13.74	90.44	1.22	0.00	0.00	0	Drilling
1	3-Oct	0.25	2641	2651	10	15	40.0	60	7000	420	830	690	140	-20	2651	13.65	90.09	1.22	0.00	0.00	0	Sliding
1	3-Oct	0.58	2651	2729	78	15	133.7	60	7000	420	830	690	140		2729	13.40	88.81	0.13	0.00	0.00	0	Drilling
1	3-Oct	0.33	2732	2744	12	15	36.0	60	7000	420	830	690	140		2744	13.40	88.72	0.13	0.00	0.00	0	Sliding
1	3-Oct	0.33	2744	2773	29	15	87.0	60	7000	420	830	690	140		2773	13.42	88.37	0.70	0.00	0.00	0	Drilling
1	3-Oct	0.25	2773	2780	7	15	28.0	60	7000	420	830	690	140		2780	13.43	88.17	0.70	0.00	0.00	0	Sliding
1	3-Oct	0.25	2780	2815	35	15	140.0	60	7000	420	830	690	140		2815	13.51	87.17	0.70	0.00	0.00	0	Drilling
1	3-Oct	0.42	2815	2829	14	15	33.6	60	7000	420	830	690	140	30	2829	13.54	86.77	0.70	0.00	0.00	0	Sliding
1	3-Oct	0.25	2829	2859	30	15	120.0	60	7000	420	830	690	140		2859	13.70	86.84	3.32	0.00	0.00	0	Drilling
1	3-Oct	0.42	2859	2871	12	15	28.8	60	7000	420	830	690	140	20	2871	13.90	88.28	3.32	0.00	0.00	0	Sliding
1	3-Oct	0.25	2871	2903	32	15	128.0	60	7000	420	830	690	140		2903	14.47	91.93	3.32	0.00	0.00	0	Drilling
1	3-Oct	0.50	2908	2922	14	15	28.0	60	7000	420	830	690	140	20	2922	14.84	93.96	3.32	0.00	0.00	0	Sliding
1	3-Oct	0.58	2922	2990	68	15	116.6	60	7000	420	830	690	140		2990	15.43	95.80	0.45	0.00	0.00	0	Drilling
1	3-Oct	1.00	2990	3078	88	15	88.0	60	7000	420	830	690	140		3078	15.77	94.51	0.78	0.00	0.00	0	Drilling
1	3-Oct	0.25	3078	3087	9	15	36.0	60	7000	420	830	690	140	20	3087	15.80	94.28	0.78	0.00	0.00	0	Sliding
1	3-Oct	1.00	3087	3164	77	15	77.0	60	7000	420	830	690	140		3164	15.55	91.42	1.37	0.00	0.00	0	Drilling
1	3-Oct	0.25	3164	3173	9	15	36.0	60	7000	420	830	690	140	-120	3173	15.49	91.02	1.37	0.00	0.00	0	Sliding
1	3-Oct	0.92	3173	3252	79	15	86.2	60	7000	420	830	690	140		3252	15.24	88.27	0.76	0.00	0.00	0	Drilling
1	3-Oct	0.17	3252	3262	10	15	60.0	60	7000	420	830	690	140	-120	3262	15.23	87.98	0.76	0.00	0.00	0	Sliding
1	3-Oct	0.92	3262	3339	77	15	84.0	60	7000	420	830	690	140		3339	14.55	89.23	1.66	0.00	0.00	0	Drilling
1	3-Oct	0.33	3339	3349	10	15	30.0	60	7000	420	830	690	140	-200	3349	14.43	89.66	1.66	0.00	0.00	0	Sliding
1	3-Oct	1.00	3349	3425	76	15	76.0	60	7000	420	830	690	140		3425	0.00	0.00	0.00	0.00	0.00	0	Drilling

Slide Report for all BHA's in Job: CA141868

Note: Sliding and Drilling Surveys are LOGICAL expectations.

#	Date	Hrs	Start MD	End MD	DMD	WOB	ROP	RPM	Surf Torq	Flow Rate	SPP On B	SPP Off B	Delta SPP	TFO cTFO	Survey MD	INC	AZM	Surv DLS	Mot DLS	Rot DLS	Q	Drill Mode
1	3-Oct	0.25	3425	3437	12	15	48.0	60	7000	420	830	690	140	-150	3437	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	3-Oct	1.00	3437	3512	75	17	75.0	60	7000	420	830	690	140		3512	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	3-Oct	0.17	3512	3522	10	15	60.0	60	7000	420	830	690	140	-130	3522	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	3-Oct	1.00	3522	3599	77	17	77.0	60	7000	420	830	690	140		3599	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	3-Oct	1.17	3599	3684	85	17	72.9	60	7000	420	830	690	140		3684	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	3-Oct	0.33	3684	3694	10	15	30.0	60	7000	420	830	690	140	-30	3694	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	3-Oct	0.33	3694	3772	78	17	234.0	60	7000	420	830	690	140		3772	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	3-Oct	0.92	3772	3781	9	15	9.8	60	7000	420	830	690	140	50	3781	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	3-Oct	1.00	3781	3819	38	17	38.0	60	7000	420	830	690	140		3819	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	3-Oct	0.50	3819	3839	20	20	40.0	60	7000	420	830	690	140	50	3839	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	3-Oct	0.58	3839	3859	20	17	34.3	60	7000	420	830	690	140		3859	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	3-Oct	0.50	3859	3871	12	20	24.0	60	7000	420	830	690	140	50	3871	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	3-Oct	1.25	3871	3947	76	17	60.8	60	7000	420	830	690	140		3947	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	3-Oct	0.83	3947	4018	71	17	85.2	60	7000	420	830	690	140		4018	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	0.17	4018	4033	15	17	90.0	60	9000	420	1020	800	220		4033	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	0.75	4033	4077	44	17	58.7	60	9000	420	1020	800	220		4077	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	0.42	4077	4092	15	20	36.0	60	9000	420	1020	800	220	50	4092	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	4-Oct	0.33	4092	4121	29	17	87.0	60	9000	420	1020	800	220		4121	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	0.33	4121	4123	2	20	6.0	60	9000	420	1020	800	220	50	4123	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	4-Oct	1.17	4123	4208	85	17	72.9	60	9000	420	1020	800	220		4208	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	0.42	4208	4223	15	20	36.0	60	9000	420	1020	800	220	50	4223	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	4-Oct	1.83	4223	4297	74	17	40.4	60	9000	420	1020	800	220		4297	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	1.25	4297	4337	40	17	32.0	60	9000	420	1020	800	220		4337	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	0.50	4337	4350	13	20	26.0	60	9000	420	1020	800	220	50	4350	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	4-Oct	0.42	4350	4380	30	17	72.0	60	9000	420	1020	800	220		4380	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	0.42	4380	4388	8	20	19.2	60	9000	420	1020	800	220	50	4388	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	4-Oct	1.42	4388	4468	80	17	56.5	60	9000	420	1020	800	220		4468	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	1.00	4468	4554	86	17	86.0	60	9000	420	1020	800	220		4554	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	0.67	4554	4570	16	20	24.0	60	9000	420	1020	800	220	50	4570	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	4-Oct	0.92	4570	4639	69	17	75.3	60	9000	420	1020	800	220		4639	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	1.42	4639	4726	87	17	61.4	60	9000	420	1020	800	220		4726	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	1.42	4726	4812	86	17	60.7	60	9000	420	1020	800	220		4812	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	1.17	4812	4899	87	17	74.6	60	9000	420	1020	800	220		4899	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	1.42	4899	4986	87	17	61.4	60	9000	420	1020	800	220		4986	0.00	0.00	0.00	0.00	0.00	0	Drilling

Slide Report for all BHA's in Job: CA141868

Note: Sliding and Drilling Surveys are LOGICAL expectations.

#	Date	Hrs	Start MD	End MD	DMD	WOB	ROP	RPM	Surf Torq	Flow Rate	SPP On B	SPP Off B	Delta SPP	TFO cTFO	Survey MD	INC	AZM	Surv DLS	Mot DLS	Rot DLS	Q	Drill Mode
1	4-Oct	1.25	4986	5073	87	17	69.6	60	9000	420	1020	800	220		5073	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	1.17	5073	5160	87	17	74.6	60	9000	420	1020	800	220		5160	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	1.58	5160	5246	86	17	54.3	60	9000	420	1020	800	220		5246	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	4-Oct	0.83	5246	5294	48	17	57.6	60	9000	420	1020	800	220		5294	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	0.58	5294	5333	39	17	66.9	60	9000	420	1020	800	220		5333	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	1.83	5333	5419	86	17	46.9	60	9000	420	1020	800	220		5419	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	1.75	5419	5506	87	17	49.7	60	9000	420	1020	800	220		5506	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	2.00	5506	5592	86	17	43.0	60	9000	420	1020	800	220		5592	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	1.42	5592	5679	87	17	61.4	60	9000	420	1020	800	220		5679	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	1.17	5679	5766	87	17	74.6	60	9000	420	1020	800	220		5766	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	1.25	5766	5853	87	17	69.6	60	9000	420	1020	800	220		5853	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	0.17	5853	5863	10	17	60.0	60	9000	420	1020	800	220		5863	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	1.08	5863	5872	9	20	8.3	60	9000	420	1020	800	220	350	5872	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	5-Oct	1.25	5872	5939	67	17	53.6	60	9000	420	1020	800	220		5939	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	1.67	5944	5956	12	20	7.2	60	9000	420	1020	800	220	350	5956	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	5-Oct	0.58	5956	5982	26	17	44.6	60	9000	420	1020	800	220		5982	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	0.67	5986	5998	12	20	18.0	60	9000	420	1020	800	220	350	5998	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	5-Oct	0.50	5998	6026	28	17	56.0	60	9000	420	1020	800	220		6026	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	0.92	6026	6069	43	17	46.9	60	9000	420	1020	800	220		6069	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	0.75	6069	6081	12	20	16.0	60	9000	420	1020	800	220	350	6081	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	5-Oct	0.75	6081	6112	31	17	41.3	60	9000	420	1020	800	220		6112	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	0.92	6112	6133	21	20	22.9	60	11100	420	1020	975	45	350	6133	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	5-Oct	1.50	6133	6200	67	17	44.7	60	11100	420	1020	975	45		6200	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	5-Oct	1.17	6200	6213	13	20	11.1	60	11100	420	1020	975	45	350	6213	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	5-Oct	0.58	6213	6243	30	17	51.4	60	11100	420	1020	975	45		6243	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	0.83	6243	6287	44	12	52.8	60	11308	415	1124	1018	106		6287	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	0.50	6287	6292	5	20	10.0	60	11308	420	1124	1018	106	350	6292	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	6-Oct	1.00	6292	6341	49	12	49.0	60	11308	415	1124	1018	106		6341	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	1.25	6341	6359	18	20	14.4	60	11308	420	1124	1018	106	350	6359	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	6-Oct	0.50	6359	6375	16	12	32.0	60	11308	415	1124	1018	106		6375	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	1.92	6375	6462	87	12	45.4	60	11308	415	1124	1018	106		6462	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	1.75	6462	6548	86	12	49.1	60	11308	415	1124	1018	106		6548	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	2.08	6548	6635	87	12	41.8	60	11308	415	1124	1018	106		6635	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	1.50	6635	6689	54	12	36.0	60	11308	415	1124	1018	106		6689	0.00	0.00	0.00	0.00	0.00	0	Drilling

Slide Report for all BHA's in Job: CA141868

Note: Sliding and Drilling Surveys are LOGICAL expectations.

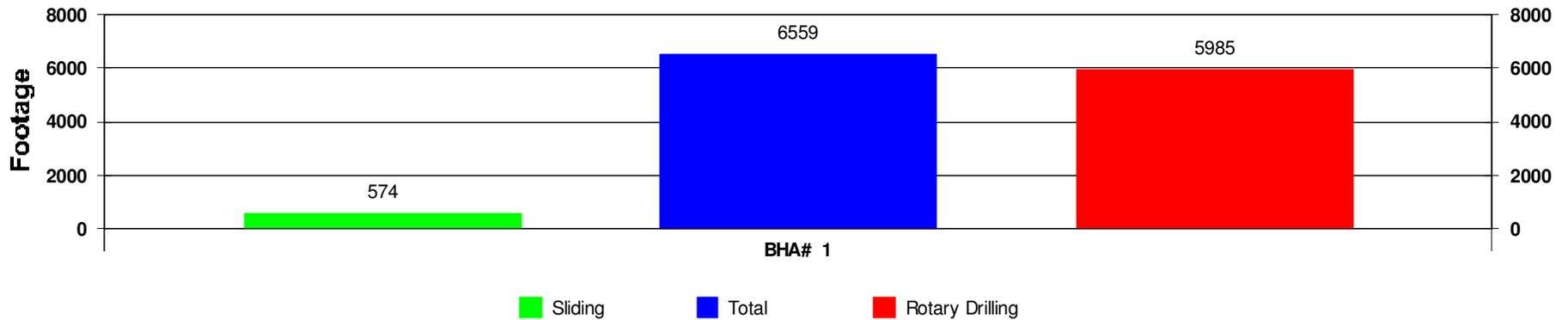
#	Date	Hrs	Start MD	End MD	DMD	WOB	ROP	RPM	Surf Torq	Flow Rate	SPP On B	SPP Off B	Delta SPP	TFO cTFO	Survey MD	INC	AZM	Surv DLS	Mot DLS	Rot DLS	Q	Drill Mode
1	6-Oct	0.83	6689	6709	20	20	24.0	60	11308	420	1124	1018	106	350	6709	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	6-Oct	0.25	6709	6722	13	12	52.0	60	11308	415	1124	1018	106		6722	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	2.33	6722	6809	87	12	37.3	60	11308	415	1124	1018	106		6809	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	0.25	6809	6819	10	12	40.0	60	11308	415	1124	1018	106		6819	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	0.75	6819	6835	16	20	21.3	60	11308	420	1124	1018	106	360	6835	0.00	0.00	0.00	0.00	0.00	0	Sliding
1	6-Oct	0.67	6835	6853	18	12	27.0	60	11308	415	1124	1018	106		6853	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	1.00	6853	6896	43	12	43.0	60	11308	415	1124	1018	106		6896	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	2.25	6896	6984	88	12	39.1	60	11308	415	1124	1018	106		6984	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	2.42	6984	7071	87	12	36.0	60	11308	415	1124	1018	106		7071	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	6-Oct	0.67	7071	7098	27	12	40.5	60	11308	415	1124	1018	106		7098	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	7-Oct	2.50	7098	7159	61	10	24.4	50	10500	415	1300	1000	300		7159	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	7-Oct	3.08	7159	7246	87	10	28.2	50	10500	415	1300	1000	300		7246	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	7-Oct	3.17	7246	7334	88	10	27.8	50	10500	415	1300	1000	300		7334	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	7-Oct	3.92	7334	7420	86	10	22.0	50	10500	415	1300	1000	300		7420	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	7-Oct	3.58	7420	7506	86	10	24.0	50	10500	415	1300	1000	300		7506	0.00	0.00	0.00	0.00	0.00	0	Drilling
1	7-Oct	3.92	7506	7583	77	10	19.7	50	10500	415	1300	1000	300		7583	0.00	0.00	0.00	0.00	0.00	0	Drilling

Total Drilled:	6559	Avg. Total ROP:	50.81	DEPTH% - TIME %	
Total Rotary Drilled:	5985	Avg. Rotary ROP:	56.02	Percent Rotary:	91.25 - 82.76
Total Drilled Sliding:	574	Avg. Slide ROP:	25.80	Percent Slide:	8.75 - 17.24

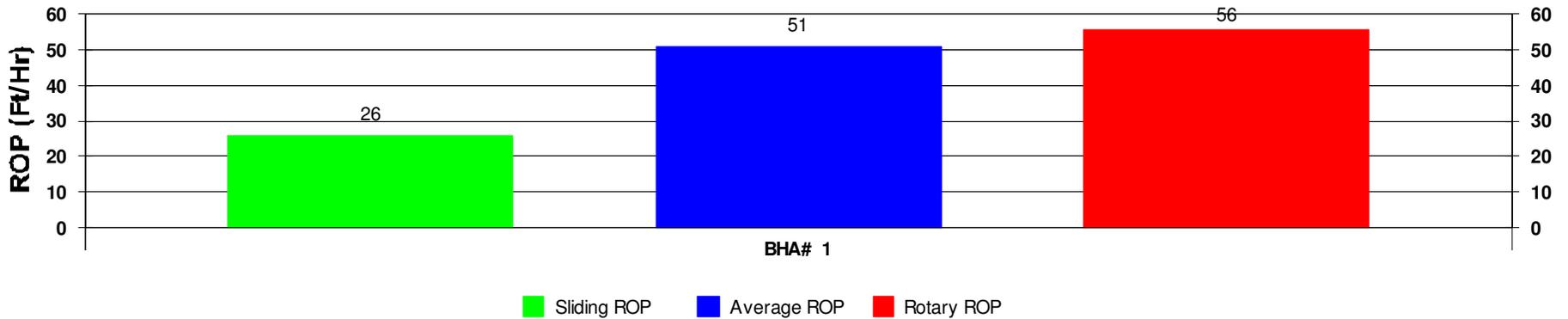


JOB NO.:	CA141868	FIELD:	Three Rivers	
Company:	Finley Resources	Township:		
LOCATION:	Randlett	SECT\ RANGE:		
RIG NAME:	Capstar #329	COMMENT		
STATE:	Utah			
COUNTY:	Uintah			
WELL NAME:	Hackford 14-7A-4-2			

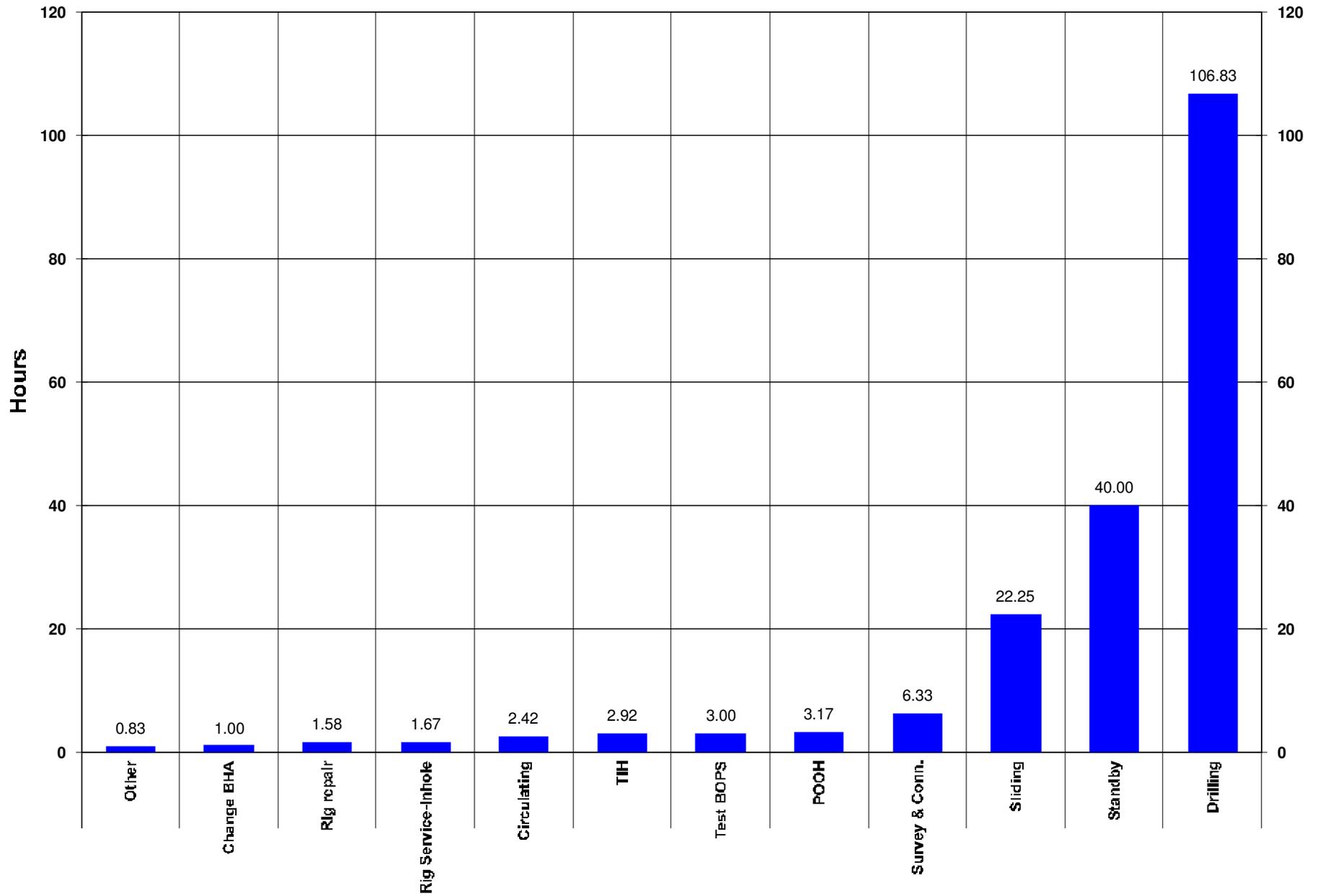
Footage Drilled with BHA



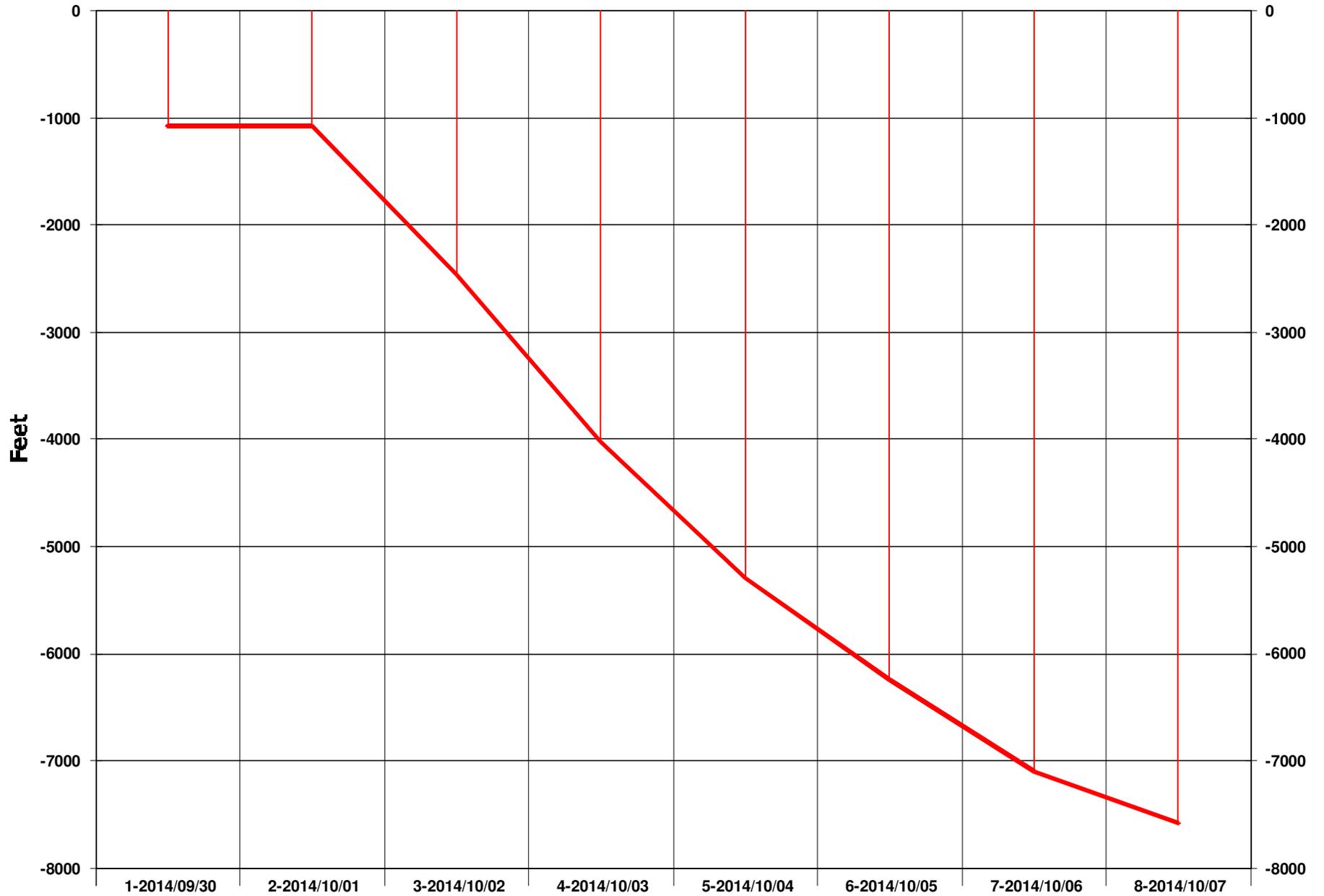
ROP vs BHA



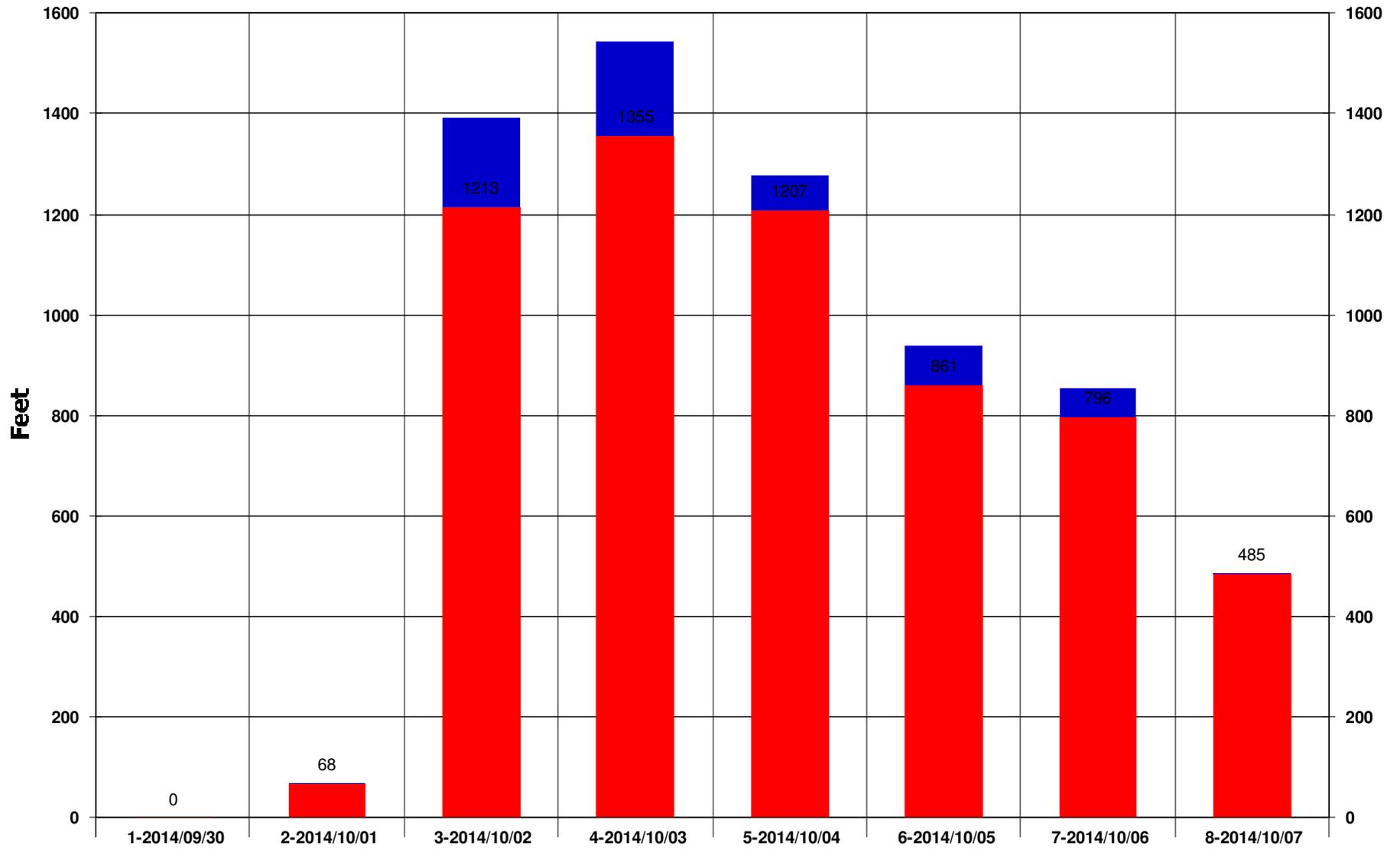
Activity Histogram



Measured Depth vs Days

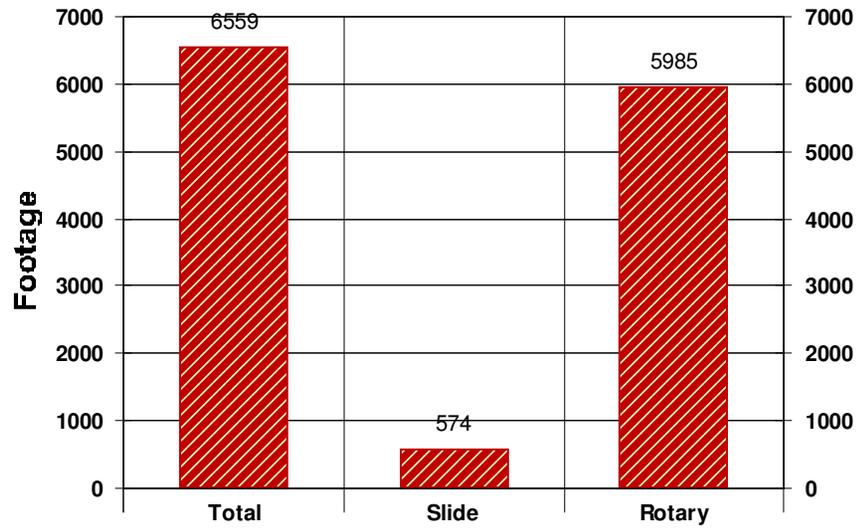


Daily Footage

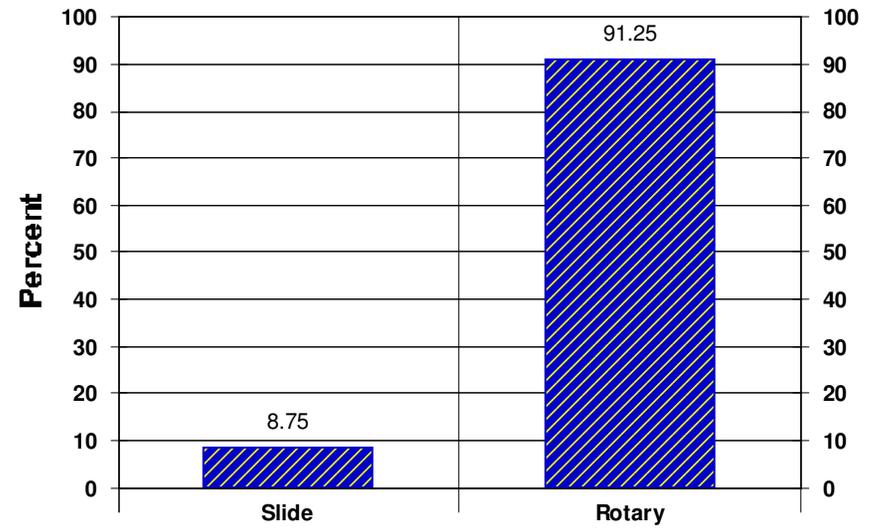


Rotary Drilling Sliding

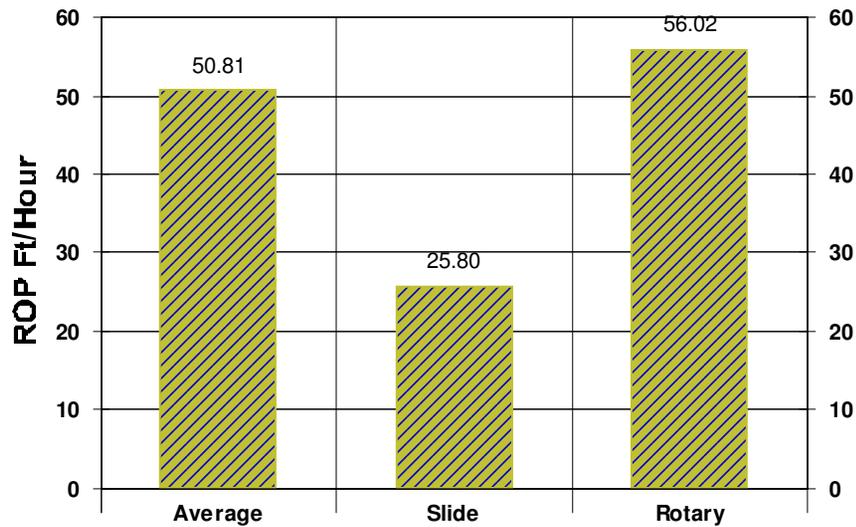
Footage Drilled Totals



Footage Percent



Rate of Penetration Totals



Time Percent

