

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
ELECTRONIC REPORT

APR 29 2015

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. 751141038
2. Name of Operator BRIDGECREEK RESOURCES COLO LLC Contact: CHRISTINE CAMPBELL Email: ccampbell@bridgecreekresources.com		6. If Indian, Allottee or Tribe Name UTE MOUNTAIN UTE
3a. Address 8100 SOUTHPARK WAY, SUITE A1 LITTLETON, CO 80127	3b. Phone No. (include area code) Ph: 303-668-8318	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T31N R14W NWSE 1980FSL 1980FEL 36.884645 N Lat, 108.330312 W Lon		8. Well Name and No. HARRIS HAWK 20-1
		9. API Well No. 30-045-35631-00-S1
		10. Field and Pool, or Exploratory VERDE GALLUP
		11. County or Parish, and State SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Bridgecreek Resources (CO), LLC submits the attached completion attachments for the Harris Hawk 20-1 well.

-Final directional plan
-Certified deviation survey

ACCEPTED FOR RECORD

OIL CONS. DIV DIST. 3

APR 29 2015

MAY 11 2015

By: 
Tres Rios Field Office
Bureau of Land Management

14. I hereby certify that the foregoing is true and correct. Electronic Submission #299827 verified by the BLM Well Information System For BRIDGECREEK RESOURCES COLO LLC, sent to the Durango Committed to AFMSS for processing by BARBARA TELECKY on 04/29/2015 (15BDT0217SE)	
Name (Printed/Typed) CHRISTINE CAMPBELL	Title REGULATORY LEAD
Signature (Electronic Submission)	Date 04/29/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

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

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NMOCD

Bridgecreek Resources (Colorado) LLC

San Juan County, NM (NAD 83)

Sec 20 T-31N R-14W

Harris Hawk #20-1

Vertical Job #1504

UWI:

Survey: Final

Standard Survey Report

23 February, 2015



Bridgecreek Resources (Colorado) LLC

Project: San Juan County, NM (NAD 83)
 Site: Sec 20 T-31N R-14W
 Well: Harris Hawk #20-1
 Wellbore: Vertical Job #1504
 Plan: Final

Reference Details - WELL C.L. RE

Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Ellipsoid: GRS 1980
 Zone: Zone 12N (114 W to 108 W)
 Northing: 13403530.04
 Easting: 2420995.58
 Latitude: 36° 53' 4.723 N
 Longitude: 108° 19' 49.125 W
 Grid Convergence: 1.60° West
 Ground Elevation: 5671.0
 KB Elevation: RKB @ 5684.0usft (D&J #2 KB; 13')

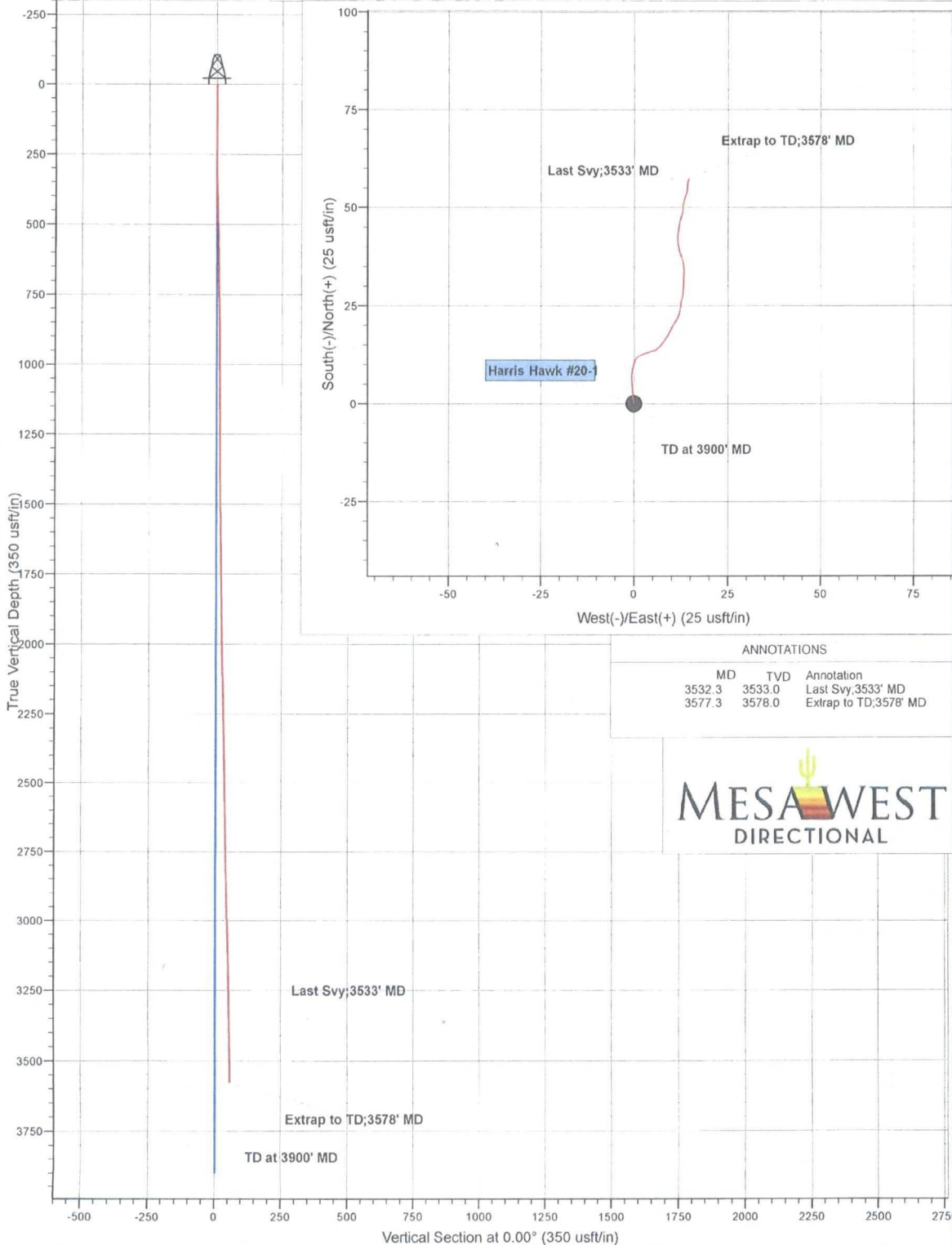


Azimuths to True North
 Magnetic North: 9.71°

Magnetic Field
 Strength: 50386.0snT
 Dip Angle: 63.39°
 Date: 10/02/2015
 Model: IGRF201015

PLAN DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3900.0	0.00	0.00	3900.0	0.0	0.0	0.00	0.00	0.0	



Survey Report



Company:	Bridgecreek Resources (Colorado) LLC	Local Co-ordinate Reference:	Well Harris Hawk #20-1
Project:	San Juan County, NM (NAD 83)	TVD Reference:	RKB @ 5684.0usft (D&J #2 KB; 13')
Site:	Sec 20 T-31N R-14W	MD Reference:	RKB @ 5684.0usft (D&J #2 KB; 13')
Well:	Harris Hawk #20-1	North Reference:	True
Wellbore:	Vertical Job #1504	Survey Calculation Method:	Minimum Curvature
Design:	Final	Database:	WellPlan Services

Project	San Juan County, NM (NAD 83)		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD83 New Mexico - HARN		
Map Zone:	Zone 12N (114 W to 108 W)		

Site	Sec 20 T-31N R-14W				
Site Position:		Northing:	13,403,530.04 usft	Latitude:	36° 53' 4.723 N
From:	Lat/Long	Easting:	2,420,995.58 usft	Longitude:	108° 19' 49.125 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.60 °

Well	Harris Hawk #20-1				
Well Position	+N/-S	0.0 usft	Northing:	13,403,530.04 usft	Latitude: 36° 53' 4.723 N
	+E/-W	0.0 usft	Easting:	2,420,995.58 usft	Longitude: 108° 19' 49.125 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	0.0 usft	Ground Level: 5,671.0 usft

Wellbore	Vertical Job #1504				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF201015	10/02/2015	9.71	63.39	50,386

Design	Final				
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	0.00	

Survey Program	Date	23/02/2015			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
300.0	3,578.0	Final (Vertical Job #1504)			

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea (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	5,684.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	5,384.0	0.0	0.0	0.0	0.00	0.00	0.00
329.0	2.40	353.20	329.0	5,355.0	0.6	-0.1	0.6	8.28	8.28	0.00
390.0	1.90	352.00	389.9	5,294.1	2.9	-0.4	2.9	0.82	-0.82	-1.97
452.0	1.30	356.20	451.9	5,232.1	4.6	-0.6	4.6	0.99	-0.97	6.77
515.0	1.10	359.20	514.9	5,169.1	5.9	-0.6	5.9	0.33	-0.32	4.76
577.0	1.00	359.50	576.9	5,107.1	7.0	-0.6	7.0	0.16	-0.16	0.48
638.0	1.30	9.00	637.9	5,046.1	8.3	-0.5	8.3	0.58	0.49	15.57
700.0	0.90	15.30	699.9	4,984.1	9.4	-0.3	9.4	0.67	-0.65	10.16
793.0	1.20	18.30	792.9	4,891.1	11.1	0.2	11.1	0.33	0.32	3.23

Survey Report



Company: Bridgecreek Resources (Colorado) LLC
Project: San Juan County, NM (NAD 83)
Site: Sec 20 T-31N R-14W
Well: Harris Hawk #20-1
Wellbore: Vertical Job #1504
Design: Final

Local Co-ordinate Reference: Well Harris Hawk #20-1
TVD Reference: RKB @ 5684.0usft (D&J #2 KB; 13')
MD Reference: RKB @ 5684.0usft (D&J #2 KB; 13')
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: WellPlan Services

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
856.0	0.90	64.60	855.9	4,828.1	11.9	0.9	11.9	1.38	-0.48	73.49
950.0	0.70	66.60	949.8	4,734.2	12.4	2.1	12.4	0.21	-0.21	2.13
1,044.0	0.80	68.90	1,043.8	4,640.2	12.9	3.2	12.9	0.11	0.11	2.45
1,136.0	0.90	77.50	1,135.8	4,548.2	13.3	4.5	13.3	0.18	0.11	9.35
1,228.0	0.80	69.80	1,227.8	4,456.2	13.7	5.8	13.7	0.16	-0.11	-8.37
1,322.0	0.90	37.80	1,321.8	4,362.2	14.5	6.9	14.5	0.51	0.11	-34.04
1,415.0	0.90	36.10	1,414.8	4,269.2	15.6	7.8	15.6	0.03	0.00	-1.83
1,508.0	0.60	39.00	1,507.8	4,176.2	16.6	8.5	16.6	0.33	-0.32	3.12
1,600.0	0.60	32.50	1,599.8	4,084.2	17.4	9.1	17.4	0.07	0.00	-7.07
1,694.0	1.30	22.60	1,693.8	3,990.2	18.8	9.7	18.8	0.76	0.74	-10.53
1,788.0	1.10	39.00	1,787.7	3,896.3	20.5	10.7	20.5	0.42	-0.21	17.45
1,880.0	1.10	23.20	1,879.7	3,804.3	22.0	11.6	22.0	0.33	0.00	-17.17
1,973.0	1.30	9.00	1,972.7	3,711.3	23.8	12.1	23.8	0.38	0.22	-15.27
2,067.0	1.10	7.90	2,066.7	3,617.3	25.8	12.4	25.8	0.21	-0.21	-1.17
2,159.0	1.90	13.50	2,158.7	3,525.3	28.1	12.9	28.1	0.88	0.87	6.09
2,255.0	1.10	349.50	2,254.6	3,429.4	30.6	13.1	30.6	1.04	-0.83	-25.00
2,348.0	1.00	11.60	2,347.6	3,336.4	32.3	13.1	32.3	0.45	-0.11	23.76
2,439.0	1.10	351.30	2,438.6	3,245.4	33.9	13.1	33.9	0.42	0.11	-22.31
2,532.0	1.00	2.50	2,531.6	3,152.4	35.6	13.0	35.6	0.24	-0.11	12.04
2,626.0	1.10	331.60	2,625.6	3,058.4	37.2	12.6	37.2	0.60	0.11	-32.87
2,688.0	1.50	337.50	2,687.5	2,996.5	38.5	12.0	38.5	0.68	0.65	9.52
2,749.0	1.10	359.60	2,748.5	2,935.5	39.8	11.7	39.8	1.04	-0.66	36.23
2,812.0	0.80	341.80	2,811.5	2,872.5	40.8	11.6	40.8	0.66	-0.48	-28.25
2,874.0	1.30	358.60	2,873.5	2,810.5	42.0	11.4	42.0	0.94	0.81	27.10
2,996.0	2.30	12.60	2,995.4	2,688.6	45.7	11.9	45.7	0.89	0.82	11.48
3,055.0	1.30	20.30	3,054.4	2,629.6	47.5	12.4	47.5	1.74	-1.69	13.05
3,117.0	1.40	10.10	3,116.4	2,567.6	48.9	12.8	48.9	0.42	0.16	-16.45
3,179.0	1.30	357.20	3,178.4	2,505.6	50.4	12.9	50.4	0.51	-0.16	-20.81
3,241.0	1.80	20.70	3,240.4	2,443.6	52.0	13.2	52.0	1.29	0.81	37.90
3,303.0	1.40	19.70	3,302.3	2,381.7	53.6	13.8	53.6	0.65	-0.65	-1.61
3,365.0	0.70	3.90	3,364.3	2,319.7	54.7	14.1	54.7	1.21	-1.13	-25.48
3,425.0	0.90	352.90	3,424.3	2,259.7	55.5	14.1	55.5	0.42	0.33	-18.33
3,487.0	0.60	22.80	3,486.3	2,197.7	56.3	14.1	56.3	0.78	-0.48	48.23
Last Svy;3533' MD										
3,533.0	0.70	18.40	3,532.3	2,151.7	56.8	14.3	56.8	0.24	0.22	-9.57
Extrap to TD;3578' MD										
3,578.0	0.70	18.40	3,577.3	2,106.7	57.3	14.5	57.3	0.00	0.00	0.00

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,533.0	3,532.3	56.8	14.3	Last Svy;3533' MD
3,578.0	3,577.3	57.3	14.5	Extrap to TD;3578' MD

Survey Report



Company: Bridgecreek Resources (Colorado) LLC
Project: San Juan County, NM (NAD 83)
Site: Sec 20 T-31N R-14W
Well: Harris Hawk #20-1
Wellbore: Vertical Job #1504
Design: Final

Local Co-ordinate Reference: Well Harris Hawk #20-1
TVD Reference: RKB @ 5684.0usft (D&J #2 KB; 13')
MD Reference: RKB @ 5684.0usft (D&J #2 KB; 13')
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: WellPlan Services

Checked By: _____ Approved By: _____ Date: _____

END OF WELL REPORT



Client: Bridgecreek Resources
Well Name: Harris Hawk #20-1
Location: Sec 20, T31N, R14W
Job Number: 1504
Start Date: 13-Feb-15 **End Date:** 20-Feb-15

PERSONAL

Operator Personnel

Company Man:

Richard / Russell

Geologist:

Dan McGinn

Directional Personnel

David Westbrook

Survey Personnel

Ron Alexis

Dion Packer

WELL SUMMARY

KOP: 313	TD: 3578	FEET DRLG.: 3115	TOTAL DRLG. HRS.: 41	AVG. ROP:
# DAYS: 8	# BITS: 2	# BHA'S: 4	NO. OF MOTORS: 1	76.0

Well Parameters

RE-ENTRY	MAIN HOLE	LEG 2
HOLE SIZE: WHIPSTOCK SETTING: Coordinates: MD: TVD: INC: DIRECTION: VERTICAL SECTION: N / S: E / W:	HOLE SIZE: 7 7/8" Coordinates: MD: 3578' TVD: 3590.31' INC: 0.7° DIRECTION: 18.4° VERTICAL SECTION: 57.34' N / S: 57.34' E / W: 14.4'	HOLE SIZE: N/A Coordinates: MD: TVD: INC: DIRECTION: VERTICAL SECTION: N / S: E / W:

RE-ENTRY DATA:

TOP OF WINDOW:

BOTTOM OF WINDOW:

DIRECTION:

RAT HOLE:

DIRECTIONAL COMMENTS

BHA 1- Drilled 31', F/ 313' - 344', 0.5hrs. - 62 ft/hr. Bit #1 = 1-1-NO-A-XX-I-RR-TD

Bit 1 - 7 7/8" Reed R30P, 4 open jets. Motor is an Adtech 6.1/2" 7/8 lobe, 2.9 stage, Fixed @ 1.50°, 0.16 rev/gallon
 Tricone was used to drill cement, shoe and 31' of open hole to prevent PDC from chipping cutters in the casing.

BHA 2- Drilled 1778', F/ 344' - 2122', 21hrs. - 84.7 ft/hr. Bit #2 = 0-0-NO-A-XX-I-RR-CP

Bit 2 - 7 7/8" NOV SKH513M, 7x14's jets. Motor is an Adtech 6.1/2" 7/8 lobe, 2.9 stage, Fixed @ 1.50°, 0.16 rev/gallon
 Motor and PDC performed well drilling down to core point. Inclination started to deviate to the north resulting in slides every 60' to control under 2°. Core from 2122' - 2182'.

BHA 3- Drilled 758', F/ 2182' - 2940', 10.25hrs. - 74 ft/hr. Bit #2RR = 1-1-NO-A-XX-I-RR-CP

Bit 2RR - 7 7/8" NOV SKH513M, 7x14's jets. Motor is an Adtech 6.1/2" 7/8 lobe, 2.9 stage, Fixed @ 1.50°, 0.16 rev/gallon
 Motor and PDC performed well drilling down to core point. Inclination still trending to the north resulting in slides every 60' to control under 2°. Core from 2940' - 3030'.

BHA 4- Drilled 548', F/ 3030' - 3578', 9.25hrs. - 59.3 ft/hr. Bit #2RR = 1-1-NO-A-XX-I-RR-TD

Bit 2 - 7 7/8" NOV SKH513M, 7x14's jets. Motor is an Adtech 6.1/2" 7/8 lobe, 2.9 stage, Fixed @ 1.50°, 0.16 rev/gallon
 Motor and PDC performed well drilling down to TD. Inclination still deviating to the north resulting in sliding 14'-16' every 60'.

RECOMMENDATIONS

Survey time may be less with an EMWD system, but at an additional cost for EM batteries.

REPORT PREPARED BY:

David Westbrook

D & J DRILLING, LLC
P. O. BOX 49
FARMINGTON, NM 87499



ORIGINAL

OK
SCT

DATE: 02/23/15

TO: BRIDGE CREEK RESOURCES
8100 SOUTHPARK WAY, SUITE A-1
LITTLETON, CO 80120

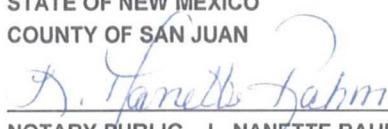
ATTN: MR. DAN GRALLA/JOHN THOMPSON

THIS LETTER IS TO CERTIFY THAT D & J DRILLING, DID RUN DEVIATION SURVEYS AT
THE LISTED DEPTH ON YOUR HARRIS HAWK #20-1, IN SEC20-T31N-R14W, IN SAN JUAN COUNTY,
NEW MEXICO. API WELL NUMBER - 30-045-35631

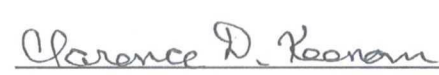
DEPTH	DEGREE DEVIATION
95 '	3/4
200 '	3/4
313 '	3/4

TO THE BEST OF MY KNOWLEDGE, I SWEAR THIS INFORMATION TO BE TRUE.

STATE OF NEW MEXICO
COUNTY OF SAN JUAN


NOTARY PUBLIC, L. NANETTE RAHM

SINCERELY,


OWNER- CLARENCE D. KEENOM

