

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA/NM-04375 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Reid A 9. Well Number #1008
4. Location of Well <i>SWSE</i> Surf: Unit 0 (<i>SESW</i>), 1020' FSL & 1830' FEL Basin FC/FloraVista FS/Fulcher Kutz PC SURF: Latitude 36° 50.2467 N Longitude 108° 09.1579 W <i>Lot 4 / 0</i>	10. Field, Pool, Wildcat 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T30N, R13W API # 30-045- <i>34248</i>
14. Distance in Miles from Nearest Town 6 mile/Farmington	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1020'	17. Acres Assigned to Well FC - 319.4, FS/PC 160 (E/2)
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 150' Reid A #1E	20. Rotary or Cable Tools Rotary
19. Proposed Depth 2201'	
21. Elevations (DF, FT, GR, Etc.) 5825' GL	22. Approx. Date Work will Start RCVD JUN27'07 OIL CONS. DIV. DIST. 3
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>Rhonda Rogers</i> Rhonda Rogers (Regulatory Technician)	<i>3-21-07</i> Date

PERMIT NO.

APPROVAL DATE

APPROVED BY *D. Montez*

TITLE *AFM*

DATE *6/26/07*

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes 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 presentations as to any matter within its jurisdiction.

Example Master Plan Type 2

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

6-29-07
BH

86

District I
1625 N French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED
210 FARMER
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045 - 34248	*Pool Code 71629/76600/77200	*Pool Name Basin Fruitland Coal / (Gas) Sand / Fulcher Kutz Pictured Cliffs
*Property Code 18608	*Property Name REID A	*Well Number 100S
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 5825'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	1	30N	13W	(4)	1020	SOUTH	1830	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 319.700 acre FC 160.00 FS/PC E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 1285.68' 1304.82' 1305.15' 1305.15'	LOT 4	LOT 3	LOT 2	LOT 1	1315.38' 1316.04' 2626.80'						
	LEASE USA NM-04375										
	1										
	LAT: 36°50'24.67"N LONG: 108°09'45.79"W DATUM: NAD27 LAT: 36°54'59.2"N LONG: 108°14'59.8"W DATUM: NAD83										
5291.88'		1600'		825'		1020'		1830'		5319.60'	

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.


Juanita Farrell 1/10/2007
Signature Date
Juanita Farrell
Printed Name

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Survey Date: DECEMBER 19, 2006

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

Office

Energy, Minerals and Natural Resources

May 27, 2004

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045- **34248**

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

USA NM-04375

7. Lease Name or Unit Agreement Name

Reid A

8. Well Number

100S

9. OGRID Number

14538

10. Pool name or Wildcat

Basin FC / Flora Vista FS / Fulcher Kutz PC

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter O : 1020' feet from the South line and 1830' feet from the East line
 Section 1 Township 30N Rng 13W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5825'

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type New Drill Depth to Groundwater <50' Distance from nearest fresh water well >1000' Distance from nearest surface water <1000'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume bbls; Construction Material Synthetic

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐

OTHER:

New Drill☒**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐

OTHER:

☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

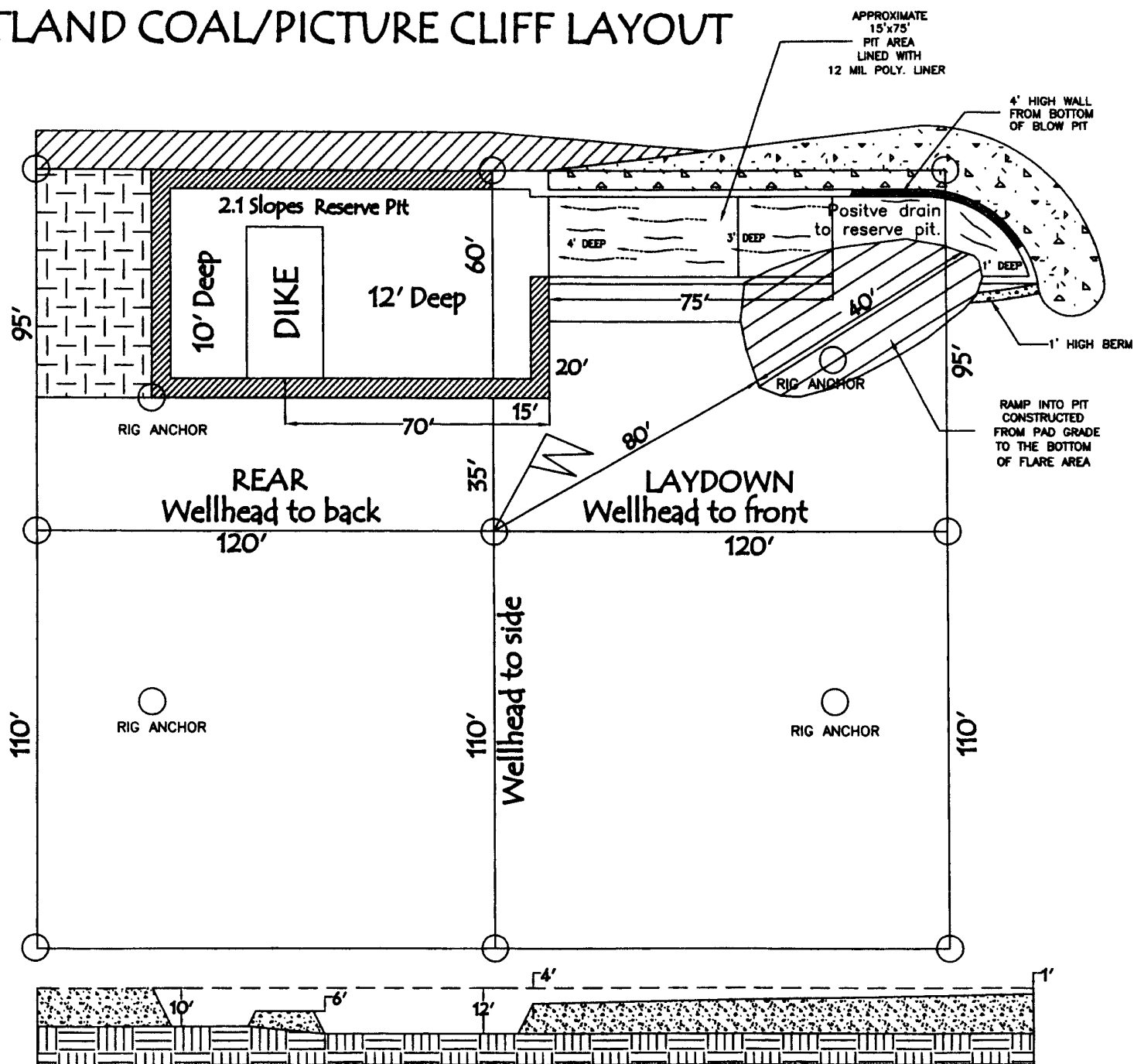
SIGNATURE Rhonda Rogers TITLE Regulatory Technician DATE 3/15/2007Type or print name Rhonda Rogers E-mail address: rrogers@br-inc.com Telephone No. 505-326-9701**For State Use Only**APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, DATE JUN 29 2007

Conditions of Approval (if any):

District #3

FRUITLAND COAL/PICTURE CLIFF LAYOUT

50'
CONSTRUCTION ZONE



Bureau of Land Management

LATITUDE: 36°50.2467N
LONGITUDE: 108°09.1579W
DATUM: NAD1927

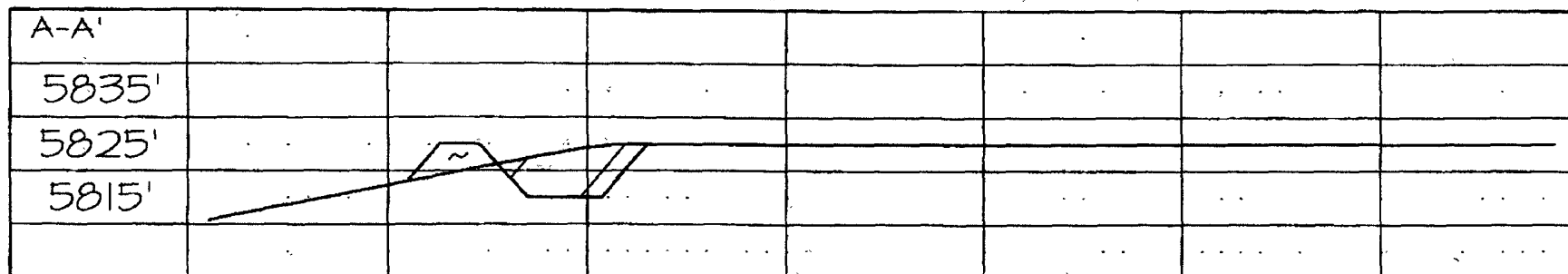


BURLINGTON RESOURCES OIL & GAS COMPANY REID A #100S
1020' FSL & 1830' FEL, SECTION 1, T30N, R13W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 5825'

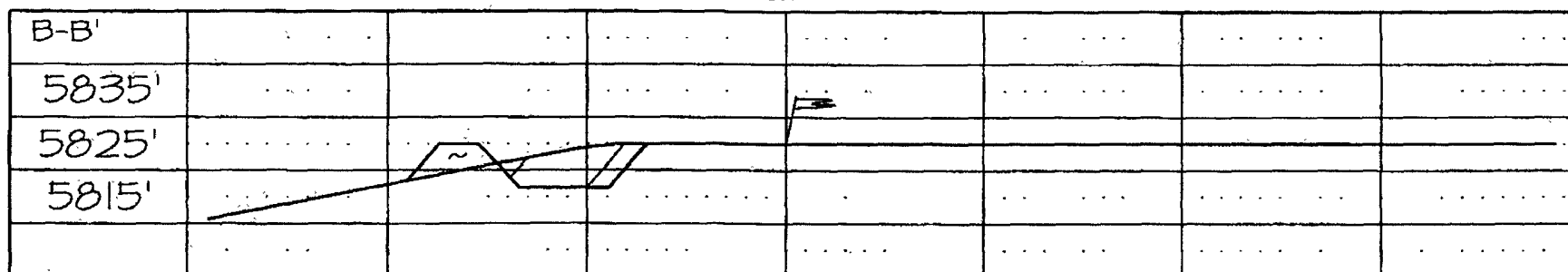
HORIZONTAL SCALE 1"=40'

C/L

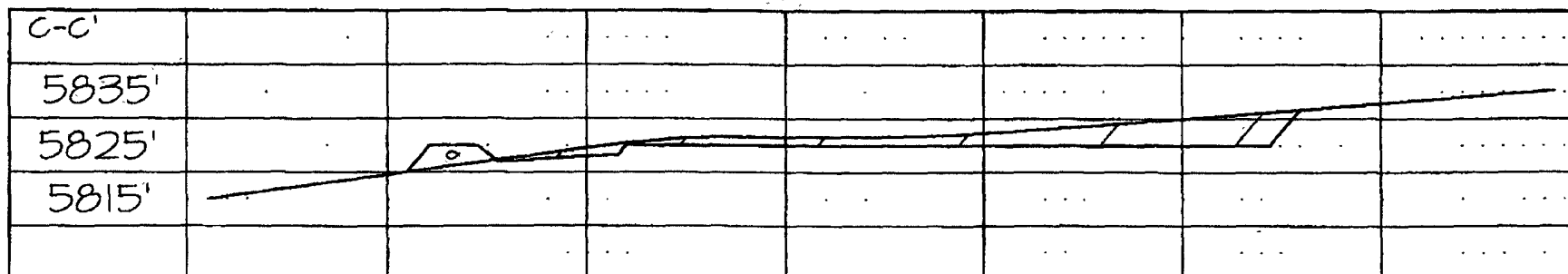
VERTICAL SCALE 1"=30'



C/L



C/L



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

REID A 100S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7005		AFE \$:	
Field Name: hBR_SAN JUAN	Rig: Aztec Rig 580	State: NM	County: SAN JUAN	API #:	
Geoscientist: Clark, Dave D	Phone: 505-326-9762	Prod. Engineer:		Phone:	
Res. Engineer: Schlabaugh, Jim L	Phone: 505-326-9788	Proj. Field Lead:		Phone:	

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)
RCO087	FRUITLAND SAND(RCO087)
UPL	BLANCO PICTURED CLIFFS

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.837445	Longitude: -108.152632	X:	Y:	Section: 01	Range: 013W
Footage X: 1830 FEL	Footage Y: 1020 FSL	Elevation: 5825	(FT)	Township: 030N	

Tolerance:

Location Type: Year Round	Start Date (Est.):	Completion Date:	Date In Operation:
Formation Data: Assume KB = 5837	Units = FT		

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5717	<input type="checkbox"/>			8-3/4" hole. 7" 20.0 ppf, J-55, STC casing. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	274	5563	<input type="checkbox"/>			Possible water
KIRTLAND	366	5471	<input type="checkbox"/>			
FRUITLAND	1622	4215	<input type="checkbox"/>			gas
PICTURED CLIFFS	1951	3886	<input type="checkbox"/>			gas
Total Depth	2201	3636	<input type="checkbox"/>	350		6-1/4" hole. 4-1/2" 10.5 ppf, J-55 STC casing. Cement with 338 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
GR/CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - FSNM030N013W01SE1, FCNM030N013W01SE1, PCNM030N013W01SE1 Twin well is Reid A 1E SE01-30N-11W.

Zones - FSNM030N013W01SE1, FCNM030N013W01SE1, PCNM030N013W01SE1

General/Work Description - .