

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. NMNM80506
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: COAL BED METHANE		6. If Indian, Allottee or Tribe Name
2. Name of Operator DJR OPERATING LLC Contact: SHAW-MARIE CRUES E-Mail: scrues@djrlc.com		7. If Unit or CA/Agreement, Name and/or No. NMNM89348
3a. Address 1600 BROADWAY SUITE 1960 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 505-632-3476	8. Well Name and No. WEST BISTI COAL 22 COM 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T25N R13W NWNE 1250FNL 1850FEL 36.390519 N Lat, 108.203804 W Lon		9. API Well No. 30-045-28916-00-S1
		10. Field and Pool or Exploratory Area BASIN FRUITLAND COAL
		11. County or Parish, State SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomple 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

DJR Operating, LLC requests approval to plug and abandon this well according to the attached procedure and well bore diagram.

NMOCD

SEP 23 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Electronic Submission #467331 verified by the BLM Well Information System For DJR OPERATING LLC, sent to the Farmington Committed to AFMSS for processing by ALBERTA WETHINGTON on 07/15/2019 (19AMW0472SE)	
Name (Printed/Typed) SHAW-MARIE CRUES	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 06/03/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JOE KILLINS</u>	Title <u>ENGINEER</u>	Date <u>09/19/2019</u>
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 <u>Farmington</u>

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.

(Instructions on page 2)

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

NMOCD AV

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: West Bisti Coal 22 Com 1

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. Extend plug #1 to 722' md. BLM picks top of Fruitland at 772' md.

PLUG AND ABANDONMENT PROCEDURE

12/12/18

West Bisti Coal 22 Com #1

Basin Fruitland Coal
1250' FNL and 1850' FEL, Section 22, T25N, R13W
San Juan County, New Mexico / API 30-045-28916
Lat: N _____ / Lat: W _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes X , No _____, Unknown_____.
Tubing: Yes X , No _____, Unknown_____, Size 2-1/16" , Length 1116'.
Packer: Yes _____, No X , Unknown_____, Type _____.
3. **Plug #1 (PC and Fruitland interval, 1205' – 847')** RIH with open-ended tubing. Mix and pump 37 sxs Class G cement, long plug 30% excess to isolate PC and Fruitland Coal perforations and Fruitland top. PUH and WOC. TIH and tag cement; top off if necessary. PUH. Attempt to pressure test casing. This well has possible bradenhead leak.
4. **Plug #2 (7" casing shoe, 178' – 0')**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 14 sxs cement and spot a balanced plug from 178' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC.
5. NOTE: If the BH annulus does not test then attempt to isolate the leak and squeeze the bradenhead annulus as appropriate.
6. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

NMOCD

SEP 23 2019

DISTRICT III

West Bisti Coal 22 Com #1

Current

Basin Fruitland Coal

1250' FNL & 1850' FEL, Section 22, T25N, R13W

San Juan County, NM, API #30-045-28916

Today's Date: 12/12/18

Spud: 12/31/92

Completed: 2/3/93

Elevation: 6305' GL

8-3/4" hole

Circulated cement to surface

7" 20# Casing set @ 128'

Cement with 71 cf, circulated to surface.

2-1/16" tubing @ 1116'

Fruitland @ 897'

Fruitland Coal Perforations:
1112' - 1133'

Pictured Cliffs @ 1155'

6-1/4" hole

4.5", 9.5#, Casing set @ 1277'
Cement with 237 cf, circulated to surface

TD 1280'
PBD 1240'

West Bisti Coal 22 Com #1

Proposed P&A

Basin Fruitland Coal

1250' FNL & 1850' FEL, Section 22, T25N, R13W

San Juan County, NM, API #30-045-28916

Today's Date: 12/12/18

Spud: 12/31/92

Completed: 2/3/93

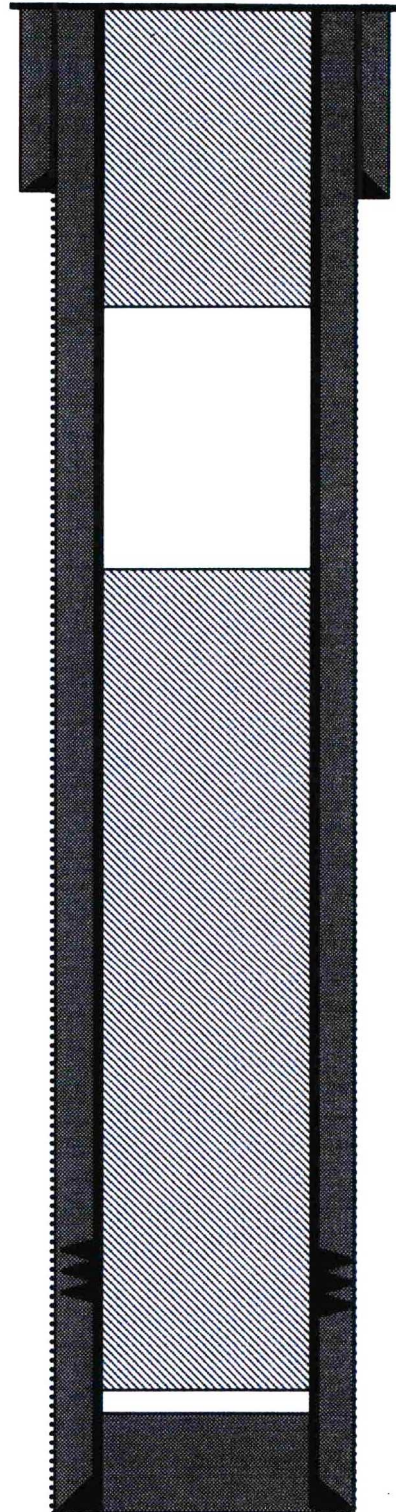
Elevation: 6305' GL

8-3/4" hole

Fruitland @ 897'

Pictured Cliffs @ 1155'

6-1/4" hole



Circulated cement to surface

7" 20# Casing set @ 128'

Cement with 71 cf, circulated to surface.

Plug #2: 178' - 0'

Class G cement, 14 sxs

(May have bradenhead issues)

Plug #1: 1205' - 847'

Class G cement, 37 sxs

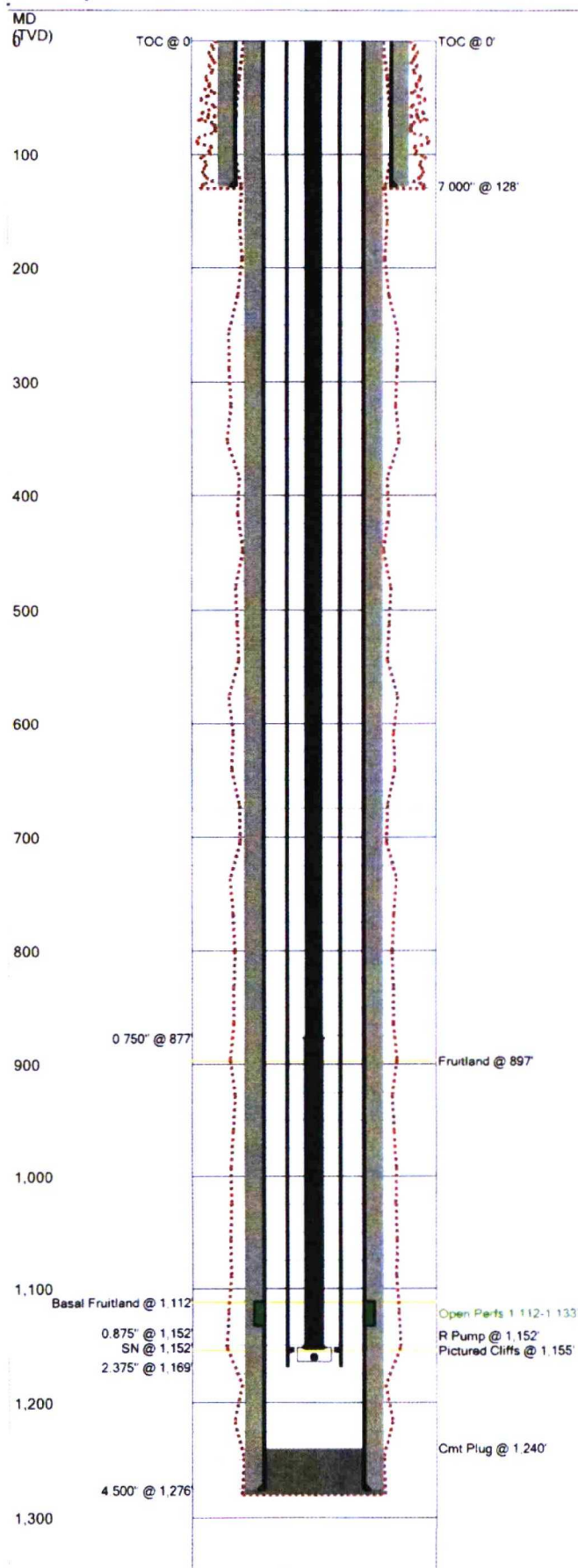
(30% excess; long plug)

Fruitland Coal Perforations:
1112' - 1133'

4.5", 9.5# Casing set @ 1277'

Cement with 237 cf, circulated to surface

TD 1280'
PBTD 1240'



Last Updated: 6/22/2018 10:16 AM



Field Name		Lease Name		Well No.
North		West Bisti Coal 22 COM		1
County		State		API No.
San Juan		New Mexico		30045289160000
Version	Version Tag			
0	2018			
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
6,305.0		22	25N	13W
Operator		Well Status	Latitude	Longitude
DJR Operating, LLC		Producing	36.390518625 1	- 108.20380387 9
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
1250	FNL	1850	FEL	
Prop Num		Spud Date		Comp. Date
		12/31/1992		12/3/1993
Additional Information				
Other 1		Other 2		Other 4
Prepared By		Updated By		Last Updated
naggeler		naggeler		6/22/2018 10:16 AM

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
12/31/1992	8.625	0	130	
1/12/1993	6.250	0	1,280	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
12/31/1992	Surface Casing	7.000	20.00	J55	0	128
1/12/1993	Production Casing	4.500	9.50	J55	0	1,276
12/18/2013	Tubing	2.375			0	1,169
12/18/2013	Guided Rods	0.875			877	1,152
12/18/2013	Rods	0.750			0	877

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	12/31/1992	60	7.000	0	128	Pumped 60 sks Class B cement containing 2% CaCl ₂ and 1/4# per sk cellophane flakes. Circulated cement to surface
	1/12/1993	160	4.500	0	1,276	Pumped 85s Class B cement containing 2% Thriftyment and 1/4# per sk cellophane flakes. Tailed with 75sx Class B cement containing 2% CaCl ₂ and 1/4# per sk cellophane flakes. Circulated cement to surface

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
12/18/2013	R Pump	1.500	0.000	1,152	1,164
12/18/2013	SN	2.375	1.800	1,152	0

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
------	--------	-----------	-------------	----------------	----------

Last Updated: 6/22/2018 10:16 AM



Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
1/12/1993		6.250	1.240	1.280	

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)
		Open	Fruitland Basal Coal	1112	1.133

Formation Tops Summary

Formation	Top (TVD ft)	Comments
Fruitland	897	
Basal Fruitland	1.112	
Pictured Cliffs	1.155	

Last Updated: 6/22/2018 10:16 AM



Field Name		Lease Name		Well No.	County	State	API No.		
North		West Bisti Coal 22 COM		1	San Juan	New Mexico	30045289160000		
Version	Version Tag				Spud Date		Comp. Date	GL (ft)	KB (ft)
0 2018					12/31/1992		12/3/1993	6,305.0	
Section	Township/Block		Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
22	25N		13W	1,250	FNL	1,850	FEL		
Operator			Well Status		Latitude		Longitude		Prop Num
DJR Operating, LLC			Producing		36.3905186251		-108.203803879		
Other 1		Other 2		Other 3			Other 4		
Last Updated		Prepared By				Updated By			
06/22/2018 10:16 AM		naggeler				naggeler			
Additional Information									

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
12/31/1992	8.625	0	130	
1/12/1993	6.250	0	1,280	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments
12/31/1992	Surface Casing	3	7.000	20.00	J55	STC	0	128	
1/12/1993	Production Casing	30	4.500	9.50	J55	STC	0	1,276	
12/18/2013	Tubing		2.375				0	1,169	
12/18/2013	Guided Rods	11	0.875				877	1,152	
12/18/2013	Rods	36	0.750				0	877	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	12/31/1992	60	1.00	60	7.000	0	128		Pumped 60 sks Class B cement containing 2% CaCl2 and 1/4# per sk cellophane flakes. Circulated cement to surface
	1/12/1993	160	1.00	160	4.500	0	1,276		Pumped 85s Class B cement containing 2% Thriftymont and 1/4# per sk cellophane flakes. Tailed with 75sx Class B cement containing 2% CaCl2 and 1/4# per sk cellophane flakes. Circulated cement to surface

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
12/18/2013	Rod Pump	1.500	0.000	1,152	1,164	2" x 1 1/2" x 12' RWACZ	
12/18/2013	Seating Nipple	2.375	1.800	1,152	0		

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
1/12/1993		6.250	1,240	1,280	

Perforation Summary

C	Date	Perf. Status	Formation	Closed Date	Comments
		Open	Fruitland Basal Coal		Faced with 6300# 40-70 Brady sand and 69000# 12-20 Brady sand
Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
1112	1,133	4	84		

Formation Top Summary

Formation Name	Top(TVD ft)	Comments
Fruitland	897	
Basal Fruitland	1,112	
Pictured Cliffs	1,155	

Last Updated: 6/22/2018 10:16 AM



Well History Summary

Date	Comments	Daily Cost
11/14/2005	MIRU Triple P. Lay down pump unit head and TOH with rods and pump Drop SV. Rig up HO unit and load tbg with water. Pressure test tbg to 80#. Failed. Locate companion flange and NDWH. NUBOP. TOH with tbg	\$0
12/17/2013	Removed horses head, TOH with rods and pump then laid down 7 3/4" rods. Secured well and shut down for the night	\$0
12/18/2013	No leaks in closed loop system. Dropped standing valve and pumped 10 bbls produced down tubing, no pressure. NDWH NUBOP. TOH with tubing and found hole 2 jnts above SN and replaced 8 jnts tbg. TIH with MA, SN, 36 jnts tbg, tested tubing to 1000 PSI, test ok. Fished standing valve. NDBOP BUWH and TIH with new pump and rods. Spaced out pump, good pump action, started unit left pumping to the battery overnight. End of tubing at 1169'. SDFN	\$0
8/26/2017	DJR Operating returned this well to production	\$0

Wellbore Diagram

West Bisti Coal 22 Com #001

API #: 3004528916

San Juan County, New Mexico

Plug 2

350 feet - Surface

350 feet plug

75 sacks of Class G Cement

Plug 1

1062 feet - 797

265 feet plug

22 sacks of Class G Cement

Surface Casing

7" 20# @ 128 ft

Formation

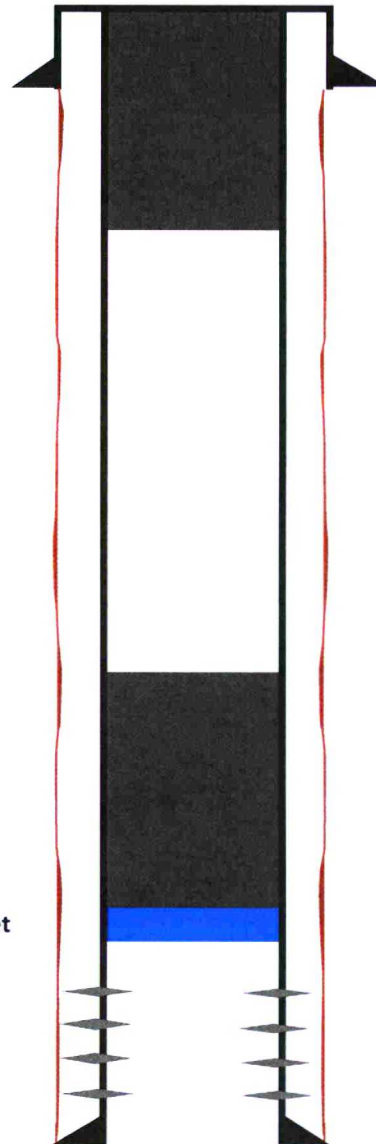
Fruitland - 897 ft

Pictured Cliffs - 1155 ft

Retainer @ 1062 feet

Production Casing

4.5" 9.5# @ 1276 ft



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: West Bisti Coal 22 Com 1

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. Extend plug #1 to 722' md. BLM picks top of Fruitland at 772' md.