

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well

GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1790' FSL, 1830' FWL, Sec. 4, T-30-N, R-9-W, NMPM

5. Lease Number

SF-081098

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Riddle #1B

API Well No.

30-045-30043

10. Field and Pool

Blanco Mesaverde

11. County and State

San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

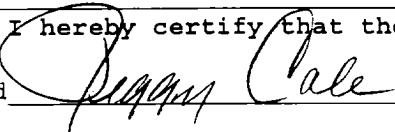
☒ Notice of Intent☐ Abandonment☒ Change of Plans☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☒ Altering Casing☐ Conversion to Injection☐ Other -

13. Describe Proposed or Completed Operations

It is intended to alter the approved casing & cementing programs of the subject well according to the attached operations plan, and turn the well around according to the attached cut and fill diagram per Neal McBride, BLM.

14. I hereby certify that the foregoing is true and correct.

Signed

Title Regulatory Administrator Date 2/9/00

TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Charlie Beecham

Title

Date

MAR 15 2000

CONDITION OF APPROVAL, if any:

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 representations as to any matter within its jurisdiction.

NMOCD

OPERATIONS PLAN

Well Name: Riddle #1B
Surface Location: 1790' FSL, 1830' FWL, Section 4, T-30-N, R-9-W
San Juan County, New Mexico
Latitude 36° 50.3, Longitude 107° 47.3

Formation: Blanco Mesa Verde
Elevation: 6146' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1574'	
Ojo Alamo	1574'	1741'	aquifer
Kirtland	1741'	2300'	gas
Fruitland	2300'	2906'	gas
Pictured Cliffs	2906'	3017'	gas
Lewis	3017'	3970'	gas
Chacra	3970'	4441'	gas
Intermediate TD	4440'		
Cliff House	4441'	4667'	gas
Massive Cliff House	4667'	4776'	gas
Menefee	4776'	5138'	gas
Point Lookout	5138'		gas
Total Depth	5538'		

Logging Program:

Mud Logs/Coring/DST -
Mud logs - none
Coring - Lewis Cores @ 3700-3760', 3973-4033', 4075-4135'
DST - none
Wireline - GR, SP, AIT, ML, CNL, CDL, FMI, DPS, CMR

Mud Program:

<u>Interval- MD</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200- 4440'	LSND	8.4-9.0	30-60	no control
4440- 5538'	Air/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Measured Depth</u>	<u>Csq Size</u>	<u>Weight</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 4200'	7"	20.0#	J-55
8 3/4"	4200' - 4440'	7"	23.0#	N-80
6 1/4"	4340' - 5538'	4 1/2"	10.5#	K-55

Tubing Program: 0' -5538' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:**Surface to TD -**

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

7 1/16" 2000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

Wellhead -

9 5/8" x 7" x 2 3/8" x 3000 psi tree assembly.

General -

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drill crew.
- All BOP tests & drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

9 5/8" surface casing - cement with 159 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi for 30 minutes.

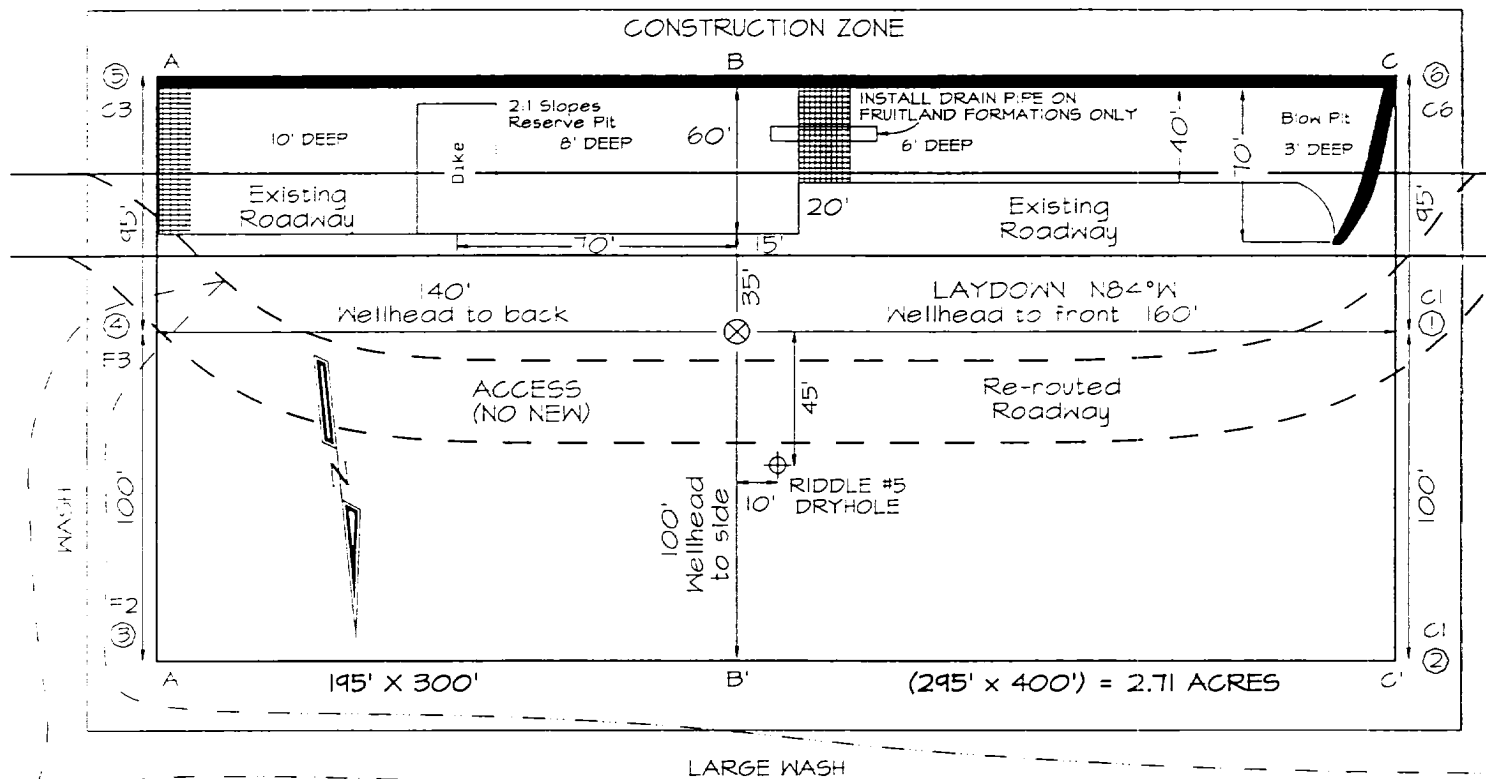
Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing -

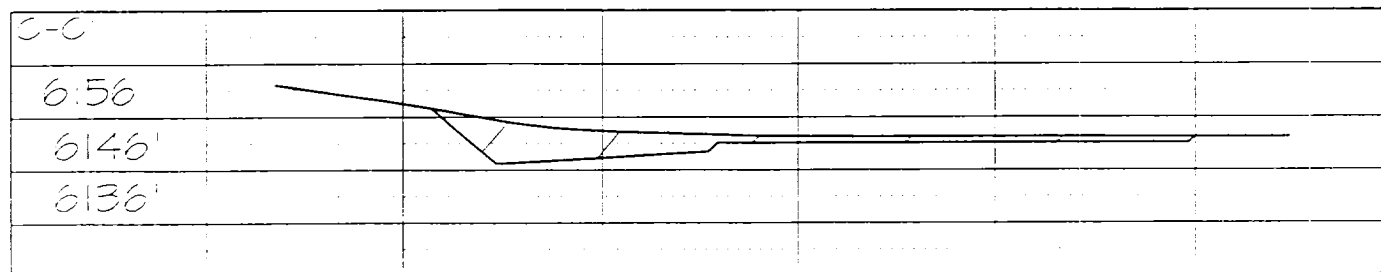
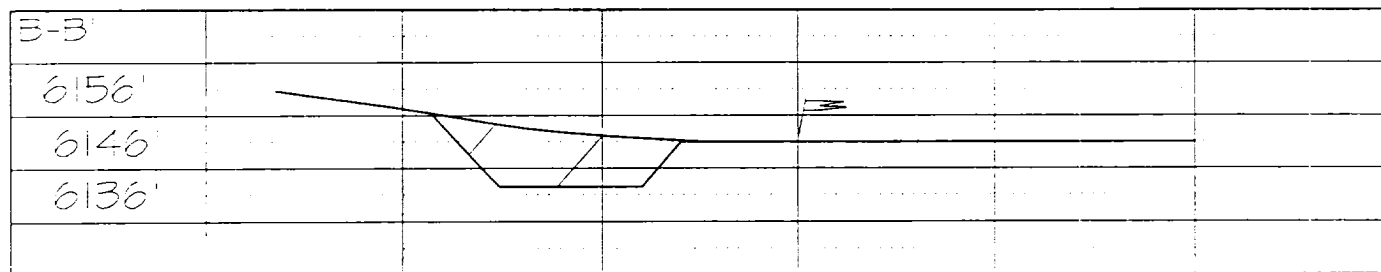
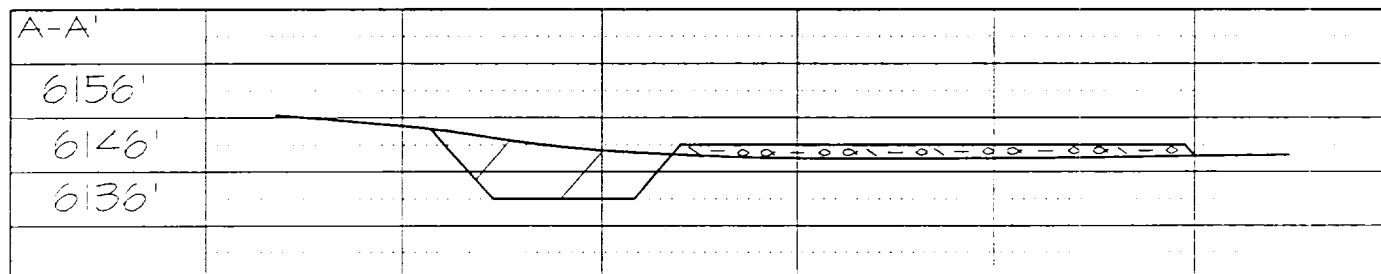
Lead w/361 sx Class "B" w/3% sodium metasilicate, 7# gilsonite/sx and 0.5# flocele/sx. Tail w/166 sx 50/50 Class "B" Poz w/2% gel, 2% calcium chloride, 7# gilsonite/sx and 0.5# flocele/sx (1336 cu.ft. of slurry, 60% excess to circulate to surface.) WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL will be run to determine TOC. Test casing to 1500 psi for 30 minutes.

7" intermediate casing alternative two stage: Stage collar at 2200'. First stage: cement with 499 sx Class "B" cmt with 7 pps gilsonite, 1/2 pps cellophane, 3% sodium metasilicate. Second stage: 226 sx Class "B" with 3% sodium metasilicate, 1/2 pps Cellophane, 7 pps Gilsonite (1336 cu.ft., 100% excess to circulate to surface).

**BURLINGTON RESOURCES OIL & GAS COMPANY
RIDDLE #1B, 1790' FSL & 1830' FWL
SECTION 4, T30N, R9W, NMPM, SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION: 6146' DATE: FEBRUARY 1, 2000**



Reserve Pit Dike: to be 8' above Deep side (overflow - 3' wide and 1' above shallow side). — — — —
 Blow Pit: overflow pipe halfway between top and bottom and to extend over plastic liner and into blow pit



Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction.