



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

GARY E. JOHNSON
Governor

Jennifer A. Salisbury
Cabinet Secretary

March 2, 1999

Ms Peggy Bradfield
Burlington Res O&G Co
PO Box 4289
Farmington NM 87499-4289

Re: Page #101, M-18-32N-10W, API 30-045-26908

Dear Ms Bradfield:

Your application to directionally sidetrack the referenced well to a new bottom hole location of 910' FSL, 1470' FWL is hereby approved. If after the well is sidetracked, the bottom hole location is closer than 790' to the drill tract boundary, this approval will be of no effect.

If you have any questions, please contact me.

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/sh

Xc: Farmington BLM-Duane Spencer
NMOCD(Santa Fe)-Michael Stogner

Page #101. dd

**BURLINGTON
RESOURCES**

SAN JUAN DIVISION

February 18, 1999

Mr. Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Page #101
Cedar Hill Basal Fruitland Coal
30-045-26908
910'FSL, 510'FWL Section 18, T-32-N, R-10-W
SF-078215

Dear Mr. Chavez:

This letter serves as an application to directionally sidetrack the referenced well. Attached is an intent sundry notice approved from the Bureau of Land Management, with the procedure for setting the whipstock and directionally drilling. Also attached is a plat showing the angle and horizontal plan. NSL-2514 was issued to drill this well at the above referenced location. The anticipated bottom hole location will be 910'FSL, 1470'FWL.

If you have any questions, please let me know.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells 99 JAN 27 PM 2:29

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

910' FSL 510' FWL, Sec. 18, T-32-N, R-10-W, NMPM

5. Lease Number
SF-078215

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Page #101

9. API Well No.
30-045-26908

10. Field and Pool
Basin Fruitland Coal

11. County and State
San Juan Co, NM

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

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment ☒ Change of Plans
☐ Recompletion ☐ New Construction
☐ 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 workover the subject well in the following manner:

Pull the tubing. Cement open hole and 100' on top of liner hanger with 58sks class B cement. Set a cement retainer at approximately 1116' and pump 200sx of cement below the retainer. Run and set a whipstock and sidetrack out of the 7" just above the cement retainer. Drill out at 1116'. Build angle at 12 degrees/100' to 30 degrees, per attached directional plan. Hold angle of 30 degrees and drill (8.4-9.0 pps LSND mud with viscosity of 30-60 seq/qt.) 6 1/2" hole to 2674' TVD (2889'M.D.). Run 5 1/2" 15.5# K-55 FJ casing. Cement casing with 145 sk 50/50 B-Pozmix with 3pps gilsonite, 1/4 pps flocele, 0.4% Halad-344 and 0.2% CFR-3 (198 cu.ft. includes 50% excess in open hole). Drill a 4 1/2" hole to the original TD of 2908" TVD (3159'M.D.). Cavitare the Fruitland Coal formation utilizing natural and air assisted surges until the well stabilizes. Clean the well to TD and run a 4" 11.6# L-80 liner. The liner will be pre-perforated 4 SPF across the coal intervals. Run the production tubing. The well will then be returned to production.

Continued on back

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

Signed

[Signature]

Title Regulatory Administrator Date 1/21/99

TLW

(This space for Federal or State Office use)

APPROVED BY

[Signature]

Title *[Signature]*

Date 2/17/99

CONDITION OF APPROVAL, if any:

SEE ATTACHED FOR

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.

OPERATOR

BOP and tests:

Surface to TD - 11" 2000 psi (minimum double gate BOP stack (Reference Figure #1 and #2)). Prior to drilling out surface casing, test rams to 600 psi/30 min.

Completion - 6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to completion operations, test rams and casing to 2000 psi/15 min.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated to least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Burlington Resources
Page Well No. 101
San Juan County, New Mexico
Option C

Top of Coal
 825' Displacement
 @ 90° Azimuth
 TVD-2674' MD-2889'

PBHL & Surface Location
 960' Displacement → East
 @ 90° Azimuth
 TVD-2908' MD-3159'

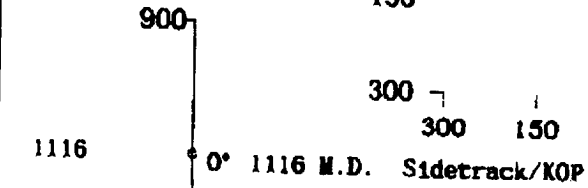
PBHL: 910' FSL + ⁵¹⁰/₉₆₀
 1470' FWL

PLANE OF PROPOSAL

90.0°

VERTICAL SECTION

Scale 1" = 300'



Rate of Build
 12"/100' MD

HORIZONTAL PLAN

Scale 1" = 300'



Average Angle
 30°00'



30° 2889 M.D. Top of Coal/
 Intermediate Csg. Point

30° 3159 M.D. PBHL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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SF-0782156. If Indian, All. or
Tribe Name

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**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

7. Unit Agreement Name

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

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30-045-26908

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Basin Fruitland Coal11. County and State
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Continued on back

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

Signed

Duane W. Spencer

Title Regulatory Administrator Date 1/21/99

TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. SpencerTitle Team Lead, Petroleum ManagementDate FEB 17 1999

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Med BHL (E)

NMOC

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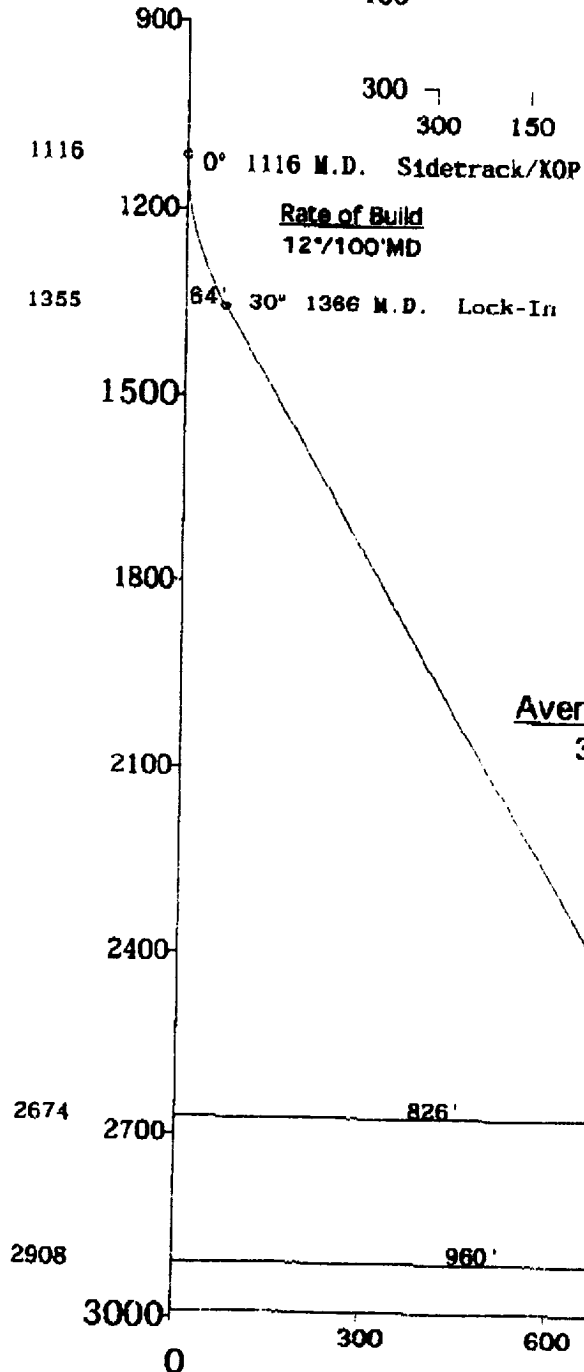
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PLANE OF PROPOSAL

90.0°

VERTICAL SECTION

Scale 1" = 300'



Sur. Loc.

HORIZONTAL PLAN

Scale 1" = 300'

N
 North

