

submitted in lieu of Form 3160-5

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

1510' FSL, 1710' FEL, Sec.3, T-27-N, R-5-W, NMPM

5. Lease Number

SF-079393

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 27-5 Unit

8. Well Name & Number

San Juan 27-5 U #109E

9. API Well No.

30-039-23589

10. Field and Pool

Basin Dakota

11. County and State

Rio Arriba 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

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

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

Signed [Signature] (MH) Title Regulatory Supervisor Date 10/8/00
no

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date 10/19/00

CONDITION OF APPROVAL, if any:

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


NMOC

San Juan 27-5 Unit #109E
Basin Dakota
1510' FSL and 1710' FEL, Section 3, T-27-N, R-5-W
Latitude/Longitude: 36 35.9664'/107 20.508'
San Juan County, New Mexico
P&A Procedure 9/26/00

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND and NU BOP, test.
2. TOH and tally 2-3/8" EUE tubing (7990'), visually inspect, *if necessary* LD and PU workstring. Round-trip 4-1/2" casing scraper PBTD @8043'. CK to see if well responds to CO and notify Operations Engineer of results before continuing with P&A procedure.
3. **Plug #1 (Dakota perforations, 7757' – 7657')**: Set 4-1/2" CIBP or cement retainer at 7757'. TIH with open-ended tubing and tag. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Spot 11 sxs Class B cement inside casing above CIBP to Isolate Dakota perforations. PUH to 6807'.
4. **Plug #2 (Gallup top, 6807' – 6707')**: Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover Gallup top. POH to 5346'.
5. **Plug #3 (Mesaverde top, 5346' – 5246')**: Mix 11 sxs Class B cement and spot a balanced plug inside casing to Mesaverde top. TOH to 3956'.
6. **Plug #4 (7" casing shoe and Pictured Cliffs top, 3956' – 3580')**: Mix 32 sxs Class B cement and spot a balanced plug inside casing to cover 7" casing shoe and PC top. TOH.
7. **Plug #5 (Fruitland, Kirtland and Ojo Alamo tops, 3480' – 2920')**: Perforate 3 HSC squeeze holes at 3480'. Establish rate into squeeze holes and circulate out annulus casing valve. Set 4-1/2" cement retainer at 3430'. Mix 106 sxs Class B cement, squeeze 61 sxs into 4-1/2"x7" annulus and leave 45 sxs inside casing to cover Ojo Alamo top. TOH with tubing.
8. **Plug #6 (Nacimiento top, 1820' – 1720')**: Perforate 4 HSC squeeze holes at 1820'. Establish rate into squeeze holes. Set 4-1/2" cement retainer at 1770'. Establish rate into squeeze holes. Mix 52 sxs Class B cement, squeeze 26 sxs outside 7" casings, squeeze 15 sxs into annulus and leave 11 sxs inside 4-1/2" casing to cover Nacimiento top. TOH and LD tubing.
9. **Plug #7 (9-5/8" surface casing, 271' - Surface)**: Perforate 3 squeeze holes at 271'. Establish circulation out 4-1/2" x 7" casing annulus and out bradenhead valve. Mix approximately 100 sxs Class B cement and pump down 4-1/2" casing, circulate good cement out both the annulus and bradenhead valves. Shut in well and WOC.
10. ND BOP and cut below surface casing. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors, and restore location.

Recommended:


Operations Engineer

Mike Haddenham

Office - (326-9577)
Home - (326-3102)
Pager - (327-8427)

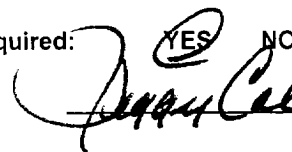
Approved:

 10-2-00
Drilling Superintendent

Sundry Required:

☒ YES ☐ NO

Approved:

 10-6-00

San Juan 27-5 Unit #109E

Proposed P&A

AIN #5370901

Basin Dakota

SE, Section 3, T-27-N, R-5-W, Rio Arriba County, NM

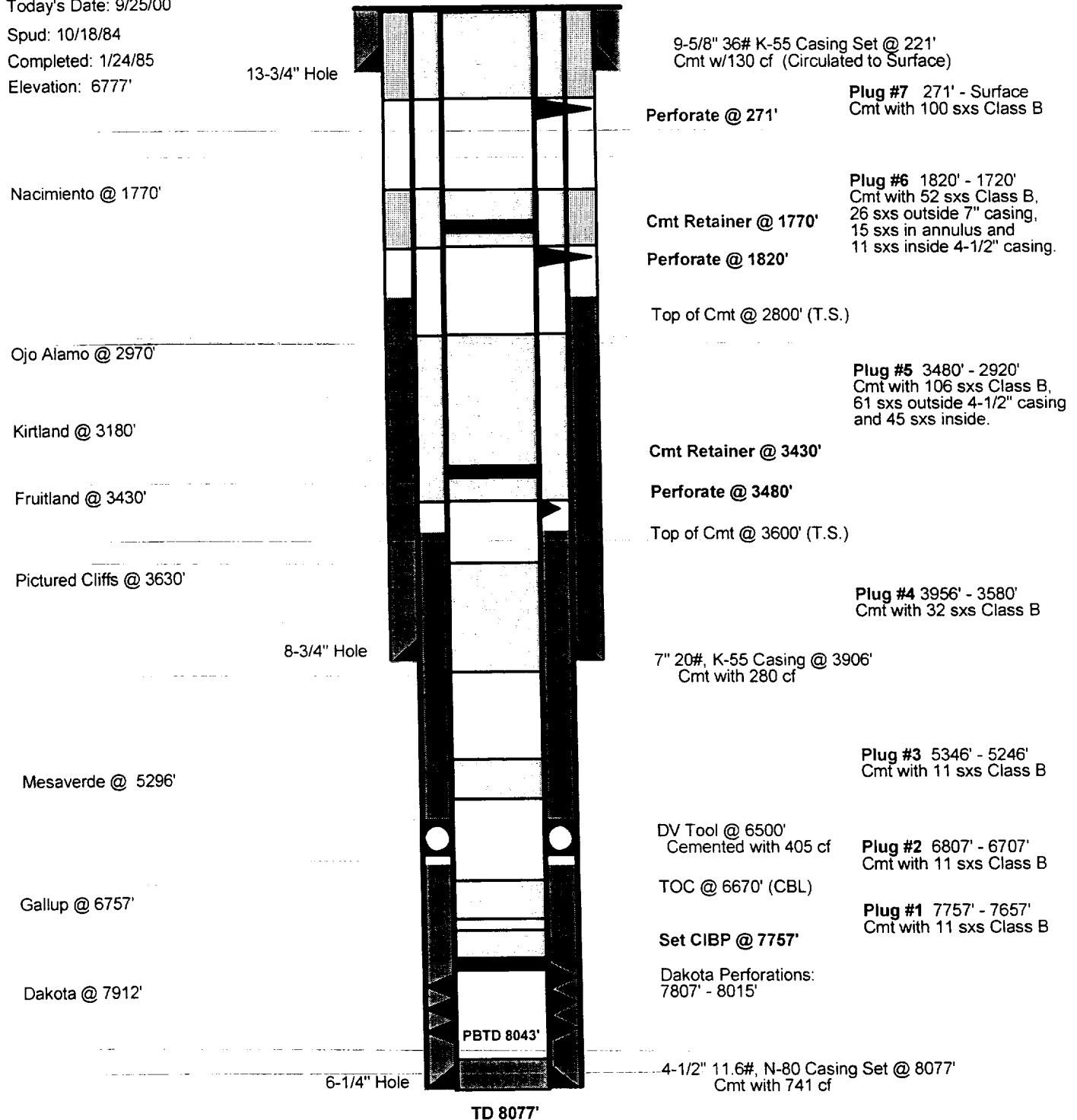
Latitude/Longitude :36-35.9664°/-107-20.508°

Today's Date: 9/25/00

Spud: 10/18/84

Completed: 1/24/85

Elevation: 6777'



San Juan 27-5 Unit #109E

Current

AIN #5370901

Basin Dakota

SE, Section 3, T-27-N, R-5-W, Rio Arriba County, NM

Latitude/Longitude :36-35.9664'/107-20.508'

Today's Date: 9/25/00

Spud: 10/18/84

Completed: 1/24/85

Elevation: 6777'

Nacimiento @ 1770'

Ojo Alamo @ 2970'

Kirtland @ 3180'

Fruitland @ 3430'

Pictured Cliffs @ 3630'

Mesaverde @ 5296'

Gallup @ 6757'

Dakota @ 7912'

13-3/4" Hole

8-3/4" Hole

6-1/4" Hole

9-5/8" 36# K-55 Casing Set @ 221'
Cmt w/130 cf (Circulated to Surface)

Well History

Mar '85: Pull tubing; set CIBP at 7955';
perforate from 7807' to 7923'; land tubing.

Apr '85: Fraced above perforations.

Apr '96: Pull tubing; tag fill 7984', drill out to
8030'; blow well and land tubing.

Top of Cmt @ 2800' (T.S.)

2-3/8" Tubing set at 7990'
(249 joints, EUE)

Top of Cmt @ 3600' (T.S.)

7" 20# K-55 Casing @ 3906'
Cmt with 280 cf

DV Tool @ 6500'
Cemented with 405 cf

TOC @ 6670' (CBL)

Dakota Perforations:
7807' - 8015'

4-1/2" 11.6# N-80 Casing Set @ 8077'
Cmt with 741 cf

PBTD 8043'

TD 8077'

