

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2005 SEP 23 AM 10:59
070 RECEIVED
FARMINGTON NM

1a. Type of Work
DRILL

1b. Type of Well
GAS

2. 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
Unit D (NWNW), 820' FNL & 1130' FWL,

Latitude 36° 56.7905'N
Longitude 107° 51.4067'W

5. Lease Number
NMSF-078507
Unit Reporting Number
NMNM-78425D

6. If Indian, All. or Tribe

7. Unit Agreement Name
San Juan 32-9 Unit

8. Farm or Lease Name

9. Well Number
#2978

10. Field, Pool, Wildcat
Basin Fruitland Coal

11. Sec., Twn. Rge, Mer. (NMPM)
Sec. 35, T32N, R10W
API # 30-045-33355

12. County
San Juan

13. State
NM

14. Distance in Miles from Nearest Town
11.8 miles from Aztec, NM

15. Distance from Proposed Location to Nearest Property or Lease Line
820'

16. Acres in Lease

17. Acres Assigned to Well
~~300.50~~ acres W/2
507.82

18. Distance from Proposed Location to Nearest Well, Drlg. Compl, or Applied for on this Lease
Twinned with the SJ 32-9 Unit 34A

19. Proposed Depth
3004'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6178' GL

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Patsy Clugst
Sr. Regulatory Specialist Date 9/22/05

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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.

This well is NOT in the HPA area.

NMOCD

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-33355	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 7473	⁵ Property Name SAN JUAN 32-9 UNIT	⁶ Well Number 297S
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6178'

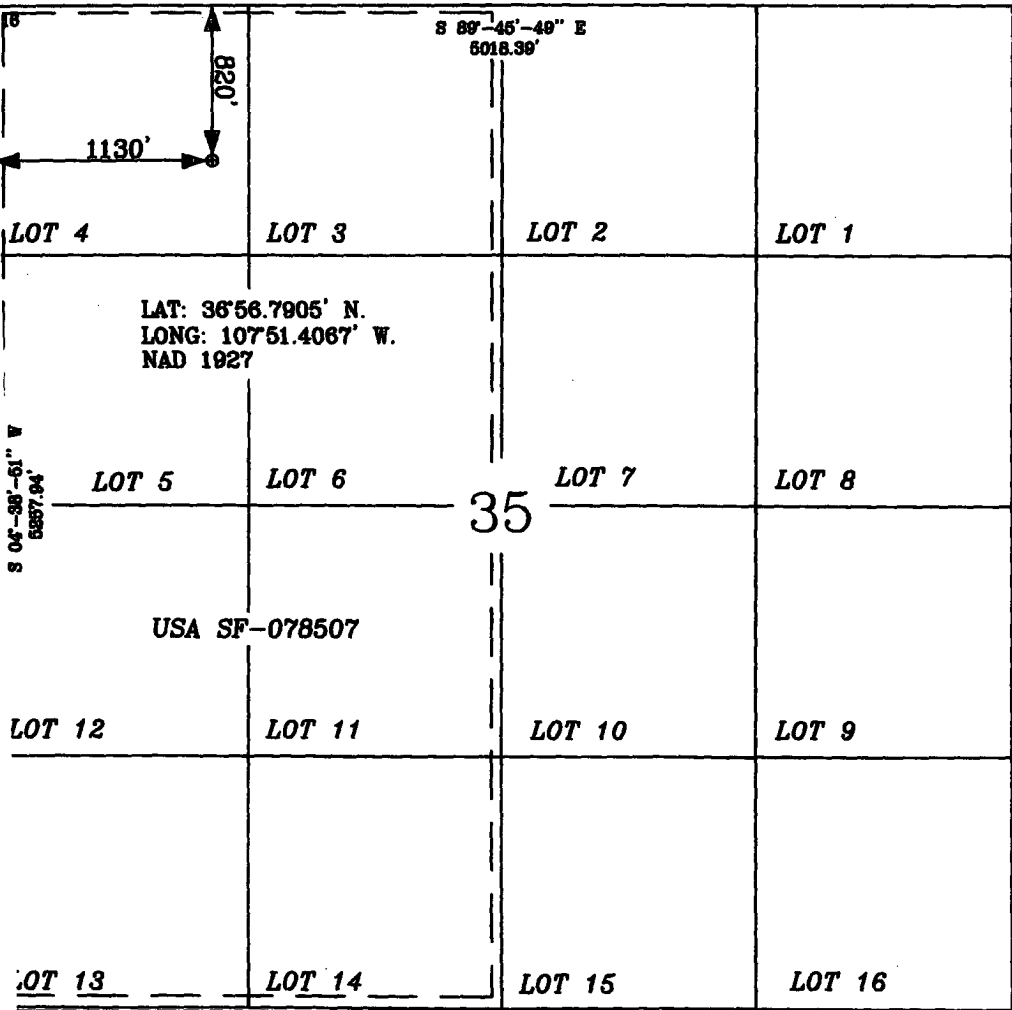
¹⁰ Surface Location

UL or lot no. D	Section 35	Township 32-N	Range 10-W	Lot Idn	Feet from the 820'	North/South line NORTH	Feet from the 1130'	East/West line WEST	County SAN JUAN
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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 308.765 W2		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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



¹⁷ OPERATOR CERTIFICATION

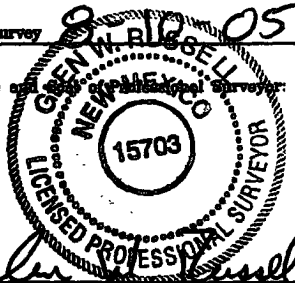
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Amanda Sandoval
Signature
Amanda Sandoval
Printed Name
Regulatory Assistant II
Title
8-16-05
Date

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.

Date of Survey 8-16-05
Signature [Signature]
Certificate Number 15703



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- 33355
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	SF-078507
7. Lease Name or Unit Agreement Name	San Juan 32-9 Unit
8. Well Number	297S
9. OGRID Number	14538
10. Pool name or Wildcat	Basin Fruitland Coal

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 **D** : **820'** feet from the **North** line and **1130'** feet from the **West** line
Section **35** Township **32N** Range **10W** NMPM County **San Juan**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6178' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type **New Drill** Depth to Groundwater **>100'** Distance from nearest fresh water well **>1000'** Distance from nearest surface water **>1000'**
Pit Liner Thickness: **n/a** mill Below-Grade Tank: **Volume** bbls; Construction Material

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **New Drill Pit** ☒ 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, Unlined:

Burlington Resources proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and vent/flare pit will be an unlined pit 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 unlined, 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 ☐.

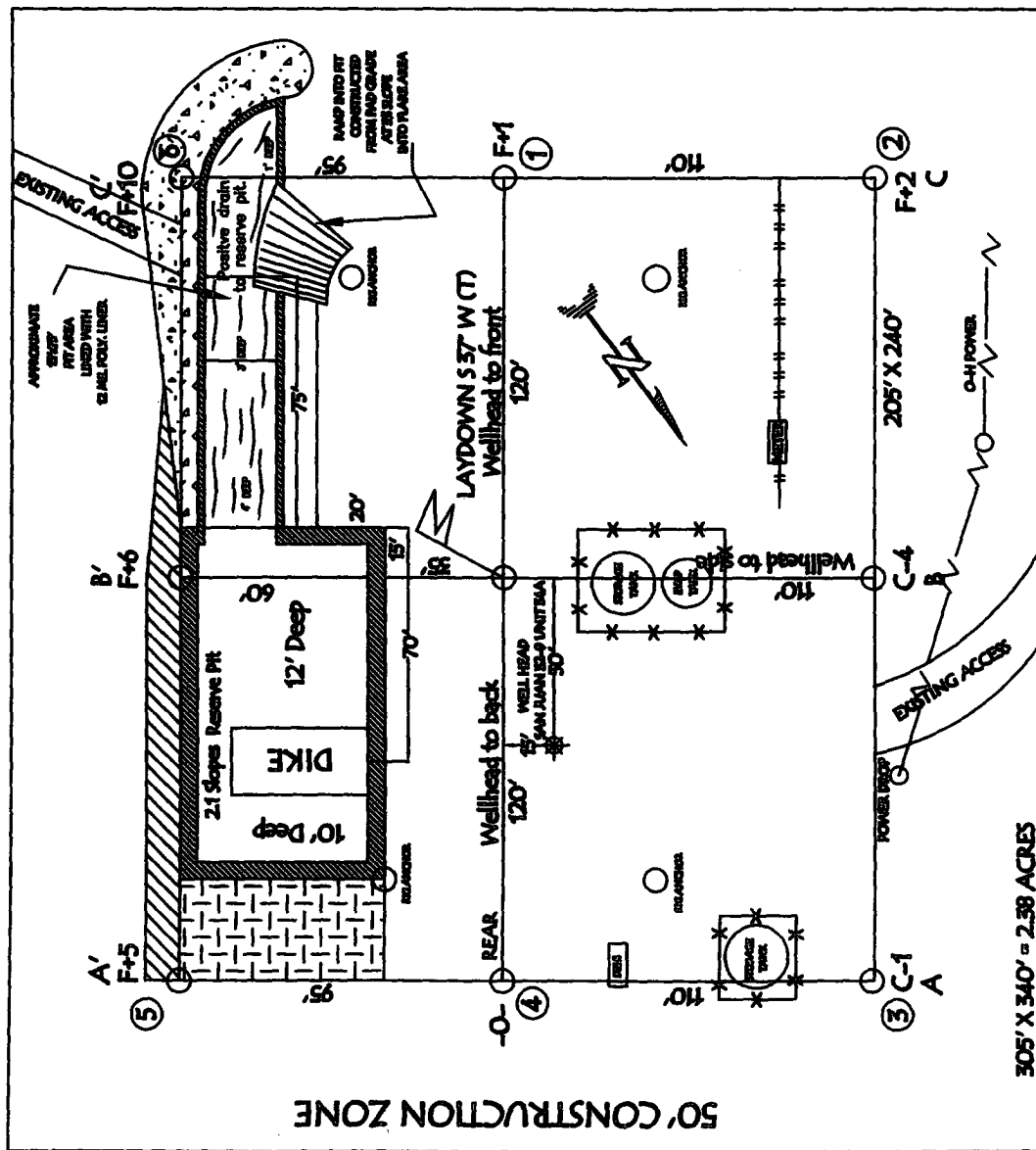
SIGNATURE Patsy Clugston TITLE **Sr. Regulatory Specialist** DATE **8/19/2005**

Type or print name **Patsy Clugston** E-mail address: **pclugston@br-inc.com** Telephone No. **505-326-9518**
For State Use Only

APPROVED BY [Signature] TITLE **DEPUTY OIL & GAS INSPECTOR, DIST. 4** DATE **OCT 14 2005**
Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 32-9 UNIT 297S, 820' FNL & 1130' FWL
SECTION 35, T-32- N, R-10-W, NMPM, SAN JUAN COUNTY, NM
GROUND ELEVATION: 6178', DATE: AUGUST 4, 2005

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

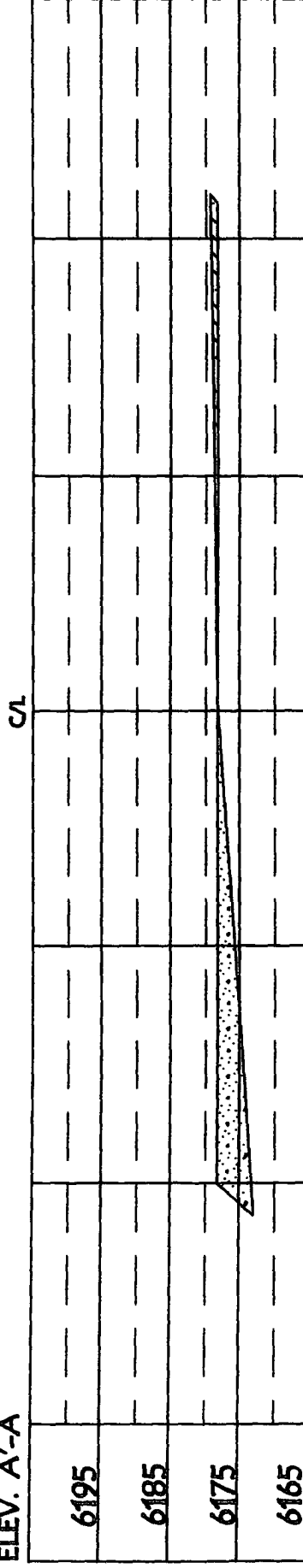


NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

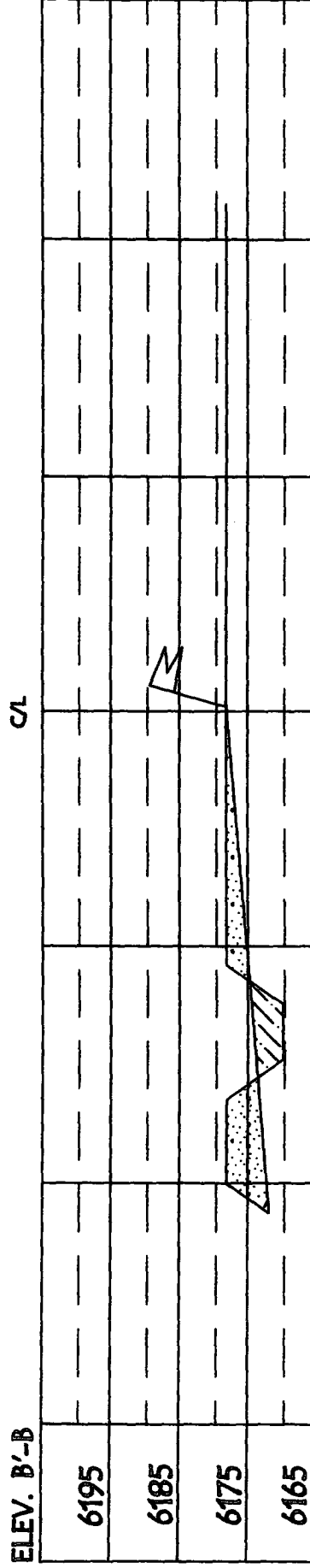
LATITUDE: 36° 56.7905' N LONGITUDE: 107° 51.4067' W NAD27

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 32-9 UNIT 2975, 820' FNL & 1130' FWL
SECTION 35, T-32-N, R-10-W, NMPM, SAN JUAN COUNTY, NM
GROUND ELEVATION: 6178', DATE: AUGUST 4, 2005

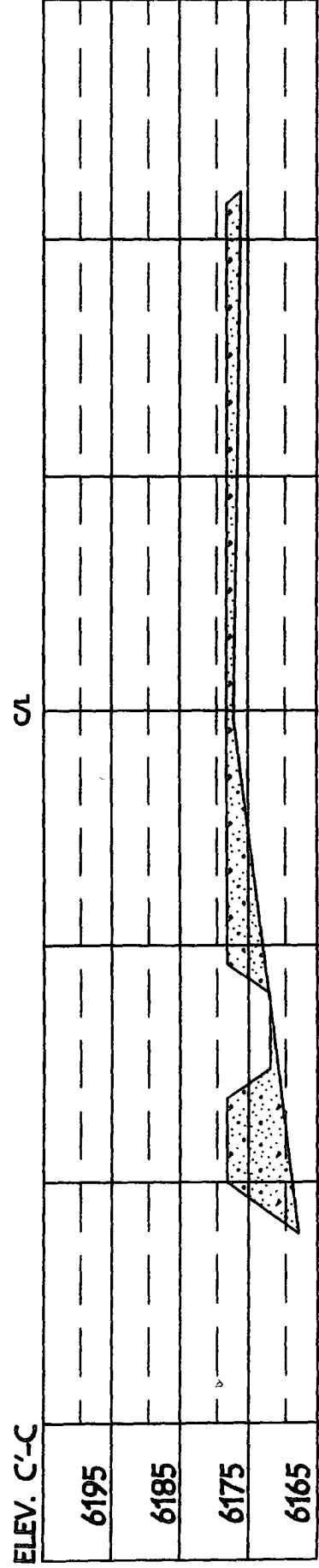
ELEV. A'-A



ELEV. B'-B



ELEV. C'-C



NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 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

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #297S

Location: Unit D, 820' FNL & 1130' FWL, Section 35, T32N, R10W
San Juan County, NM

Latitude 36° 56.7905'N, Longitude 107° 51.4067'W

Formation: Basin Fruitland Coal

Total Depth: 3004'

Logging Program: See San Juan 32-9 Unit Wells Master Operations Plan


Mud Program: See San Juan 32-9 Unit Wells Master Operations Plan

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

Hole Size	Depth Interval	Csg	Wt.	Grade	Cement	
12 1/4	0' - 120'	9.625"	32.3#	H-40	113	cu.ft
8 3/4	0' - 2686'	7"	20.0#	J-55	590	cu.ft
6 1/4	2686' - 3004'	5 1/2"	15.5#	J-55	uncemented	

Tubing Program: See San Juan 32-9 Unit Wells Master Operations Plan

- * The Fruitland Coal formation will be completed.
- * The west half of Section 35 is dedicated to the Fruitland Coal formation in this well.
- * Gas is dedicated.


Drilling Engineer


Date

6/25/05

- changes made by Jenny McCarthy
9/21/05

MULTI-POINT SURFACE USE PLAN

San Juan 32-9 Unit #297S

- * Anticipated pipeline facilities will be provided by TEPPCO. They will be filing for their own Right-of-Way and they be providing the arch & T&E for this pipeline.
- * No new road will be built.
- * Water supply from the Graves Atteberry Ditch (Head Gate)
NW/4 Section 4, T31N, R10W, New Mexico
- * Surface ownership: Bureau of Land Management
- * This well is twinned with the San Juan 32-9 Unit #34A
- * Archaeological Resources: See Archaeological Survey technical report #WAS 5126 from Western Archaeological Services.



Regulatory Specialist

9/22/05

Date