

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL 2004 NOV 10 AM 10 21
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
2560' FNL, 1535' FWL
Latitude 36° 53.8725' N, Longitude 107° 42.1179' W
5. Lease Number
NMSF-078511-A
Unit Reporting Number
6. If Indian, All. or Tribe
7. Unit Agreement Name
8. Farm or Lease Name
Quinn
9. Well Number
#336S
10. Field, Pool, Wildcat
Basin Fruitland Coal
11. Sec., Twn, Rge, Mer. (NMPM)
F Sec. 17, T31N, R08W
API # 30-045- 32681
14. Distance in Miles from Nearest Town
28.3 miles from the Post Office in Blanco, NM.
12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line
1535'
16. Acres in Lease
17. Acres Assigned to Well
W/2 320
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1652'
19. Proposed Depth
3392'
20. Rotary or Cable Tools
Rotary
21. Elevations (DF, FT, GR, Etc.)
6447' GR
22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program
See Operations Plan attached
24. Authorized by: Joni Clark
Regulatory/Compliance Specialist Date 11/8/04

PERMIT NO. APPROVAL DATE
APPROVED BY [Signature] TITLE AFM DATE 4-8-05

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.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

NMOCOD

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-32681		*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 7407	*Property Name QUINN		*Well Number 336S
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 6447'

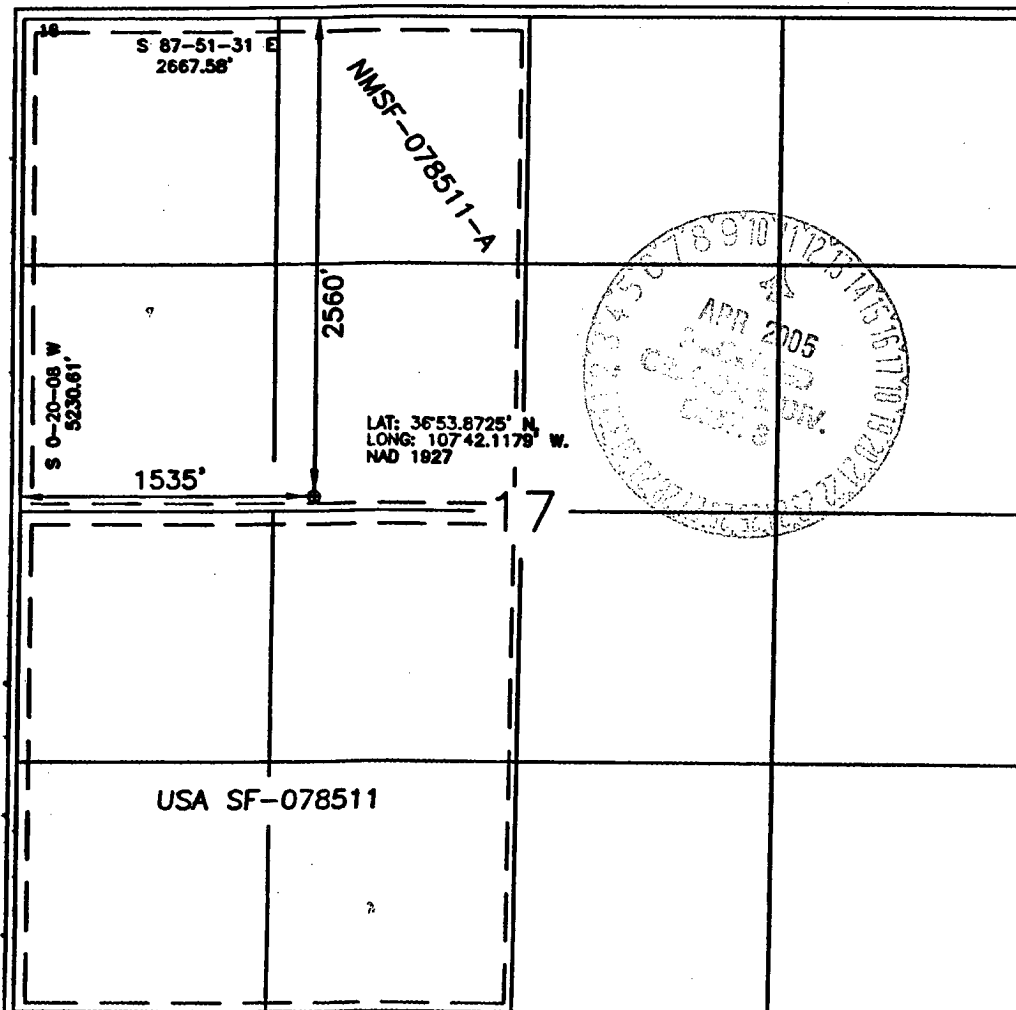
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	17	31-N	8-W		2560'	NORTH	1535'	WEST	SAN JUAN

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
Dedicated Acres W/2 320			Joint or Infill		Consolidation Code		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.

Joni Clark
Signature
Joni Clark
Printed Name
Regulatory Specialist
Title
9/29/04
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 9/29/04
Signature and Seal of Professional Surveyor
Orla W. Russell
Certificate Number 15703

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

NMSF-078511-A

7. Lease Name or Unit Agreement Name

Quinn

8. Well Number

336S

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 E : 2560 feet from the North line and 1535 feet from the West line
Section 17 Township 31N Range 8W NMPM County San Juan, NM

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

Pit or Below-grade Tank Application

☒ or Closure ☐Pit type New Drill Depth to Groundwater <50' Distance from nearest fresh water well>1000' Distance from nearest surface water >1000'Pit Liner Thickness: 12 mil

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 ☐

OTHER:

New Drill Pit ☒

SUBSEQUENT REPORT OF:

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

Burlington Resources proposes to construct a new drilling pit and an associated blow/flare pit. Based on Burlington's interpretation of the OCD's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Drilling / Workover Pit Construction / Operation Procedures dated April 26, 2004 on file at the NMOCDD office. A portion of the blow/flare pit will be designed to manage fluids and that portion will be lined 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 NMOCDD 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 NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE

Regulatory Specialist

DATE

11/8/2004

Type or print name
For State Use Only

Joni Clark

E-mail address:

jclark@br-inc.com

Telephone No.

326-9700

APPROVED BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #6

DATE

APR 11 2005

Conditions of Approval (if any):

GROUND ELEVATION: 6447', DATE: SEPTEMBER 10 , 2004



ELEV.	C-C'	C/L
6455		
6445		
6435		

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: Quinn #336S

Location: 2560' FNL, 1535' FWL, Sec 17, T-31-N, R-8-W
San Juan County, NM

Latitude 36° 53.8725'N, Longitude 107° 42.1179'W

Formation: Basin Fruitland Coal

Total Depth: 3392'

Logging Program: See Walker Koch Wells Master Operations Plan

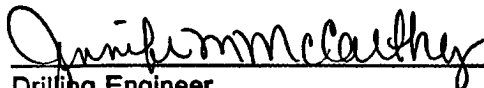
Mud Program: See Walker Koch Wells Master Operations Plan

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' - 2975	7"	20.0#	J-55	665	cu.ft
6 1/4	2935 - 3392'	5 1/2"	15.5#	J-55	0	cu.ft

Tubing Program: See Walker Koch Wells Master Operations Plan

- * The Fruitland Coal formation will be completed.
- * The west 320 acres in Section 17 are dedicated to the Fruitland Coal formation in this well (see attached plat).
- * Gas is dedicated.


Drilling Engineer

8-29-04
Date

MULTI-POINT SURFACE USE PLAN

Quinn #336S

- * Anticipated pipeline facilities as shown on the attached plat from Duke Field Services
- * 350' of new road will be built.
- * Water will be supplied from Pump Water Well #1 SW/4, Sec. 32, T31N, R8W.
- * Surface ownership: Bureau of Land Management
- * Build stock pond in roadway. Use dirt out of pond to build road & install two 18" culverts.
- * Round off corner #2 and #3.
- * Try placing bench on cut slopes.
- * Install pipeline on north side of road.
- * Dump trees in wash upstream of dam.
- * 3:1 slope on dam.
- * Archaeological Resources: See Archaeological Survey technical report #2004-SJC-231 from San Juan College.


Regulatory Specialist

BURLINGTON RESOURCES OIL & GAS COMPANY LP

QUINN #336S

2560' FNL 1535' FWL

SEC 17, T31N, R8W N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

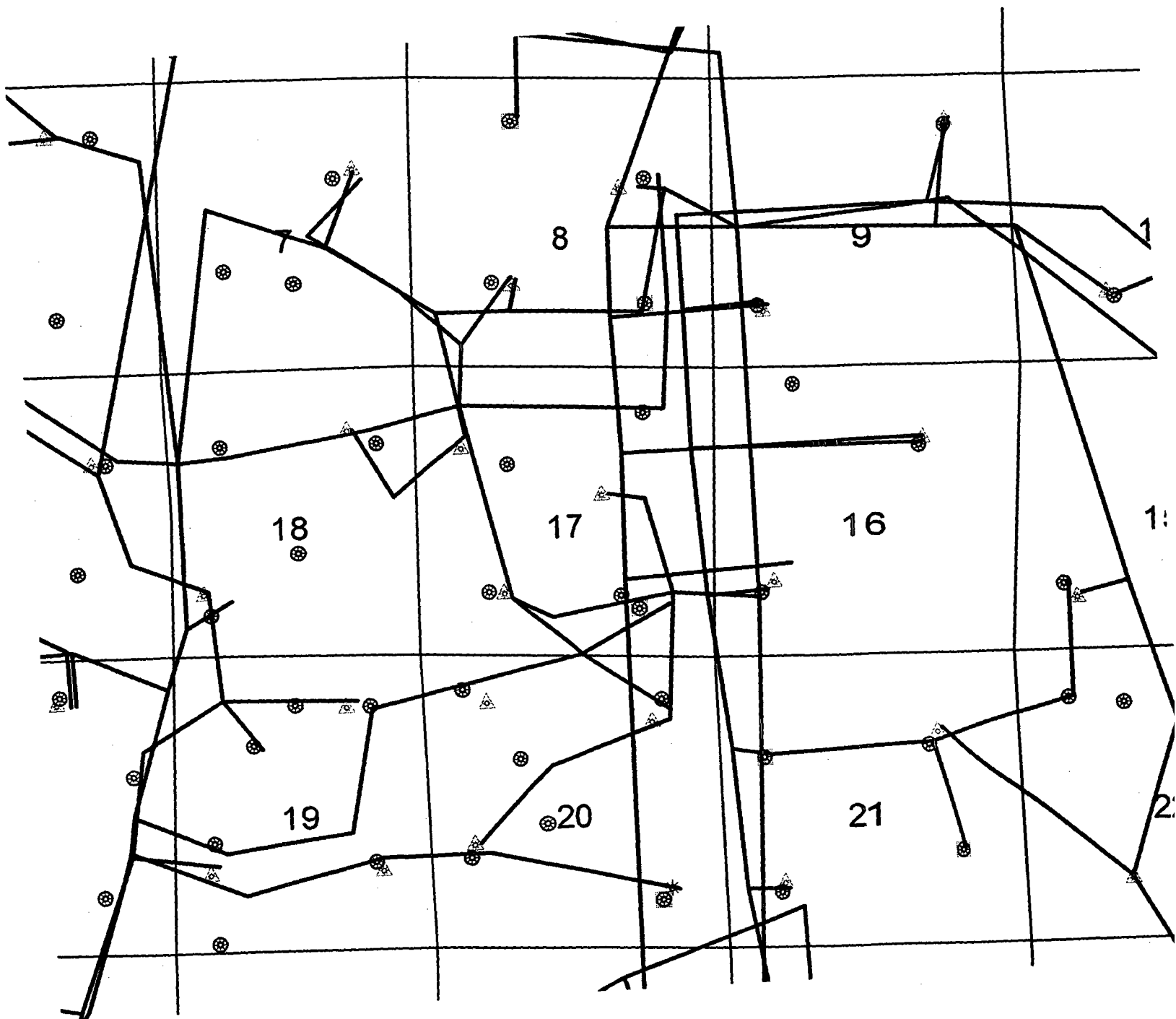
APD MAP

350' NEW BLM ACCESS

EXISTING ACCESS

QUINN #336S

Burlington Resources Oil & Gas Company LP
Quinn #336S
Sec.17, T-31-N, R-8-W
San Juan County, New Mexico
Map 1A



**VAL VERDE GAS GATHERING COMPANY, LP QUINN #3365
LOCATED IN THE W/2 OF SECTION 17, T31N, R8W
N.M.P.M., SAN JUAN COUNTY, NEW MEXICO**

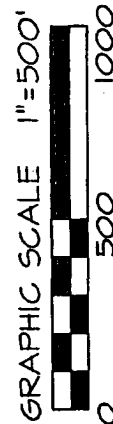
DISTRICT

PLANT OR STATION

JOB OR AFE NUMBER

LINE NUMBER

STUDY NUMBER

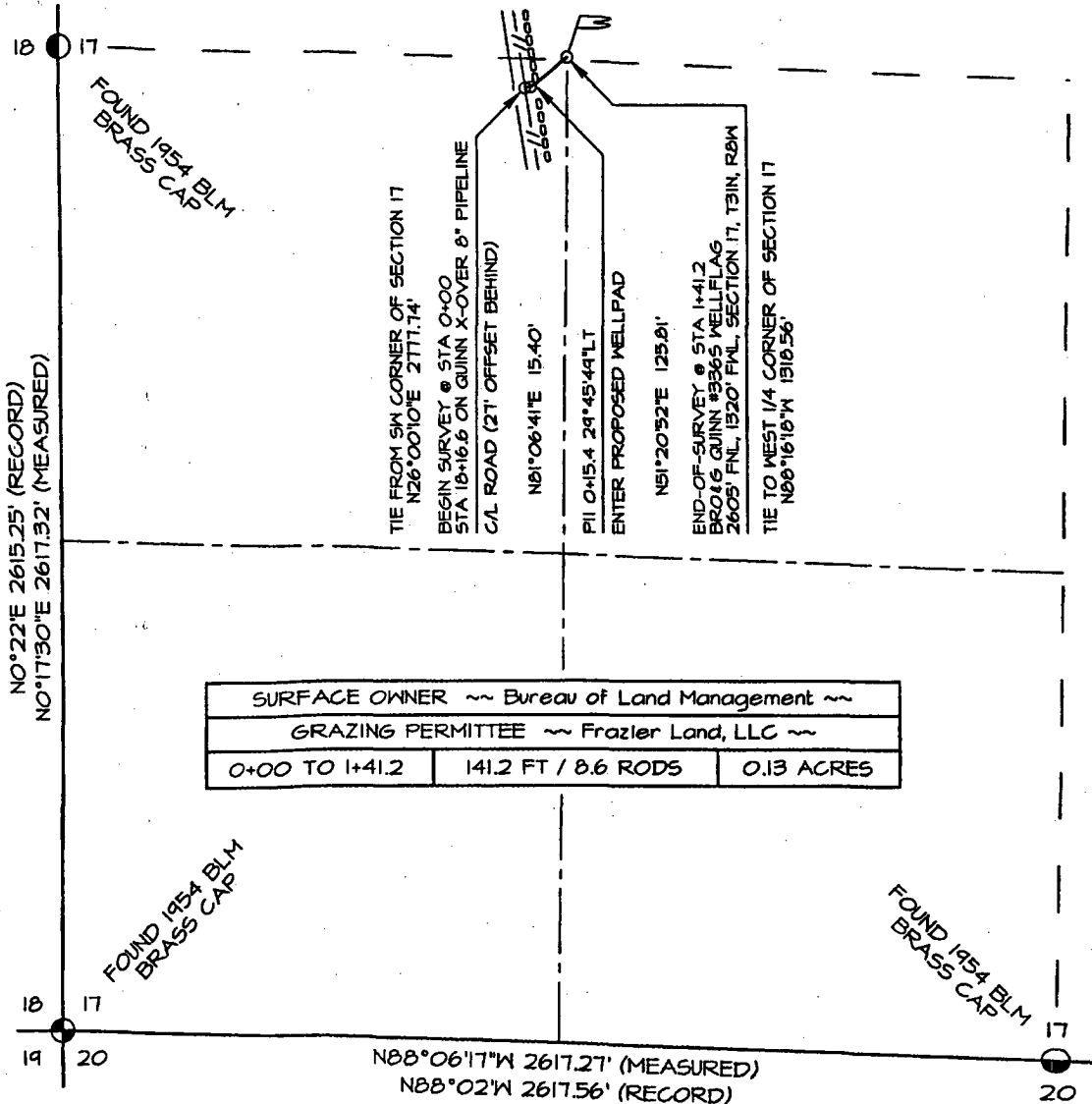


BASIS OF BEARING:

REAL-TIME KINEMATIC GPS SURVEY
SOLUTION OBTAINED FROM SATELLITES
TRACKED ON SEPTEMBER 14, 2002 FROM
A REFERENCE STATION POSITIONED IN
THE SE/4 SW/4 OF SECTION 17, T31N, R8W

PLAT NOTE:

BEFORE ANY CONSTRUCTION BEGINS,
CONTRACTOR IS ADVISED TO CALL
ONE-CALL FOR LOCATION OF ANY
MARKED OR UNMARKED PIPELINES OR
CABLES IN THE AREA OF THIS PROJECT.



LEGAL DESCRIPTION

A STRIP OF LAND 40 FEET WIDE, LOCATED IN W/2 OF SECTION 17, TOWNSHIP 31 NORTH, RANGE 8 WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO, BEING 20 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

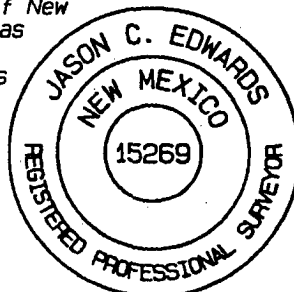
BEGINNING AT A POINT WHICH LIES N26°00'10"E 2777.74 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 17, THENCE N81°06'41"E 15.40'; THENCE N51°20'52"E 125.81' TO THE END OF THIS SURVEY WHICH LIES S88°16'18"E 1318.56 FEET FROM THE WEST QUARTER CORNER OF SAID SECTION 17. SAID STRIP OF LAND BEING 141.2 FEET OR 8.6 RODS IN LENGTH AND CONTAINING 0.13 ACRES, MORE OR LESS.

I, Jason C. Edwards, a registered professional surveyor under the laws of the State of New Mexico, hereby certify that this plat was prepared from field notes of an actual survey meeting the minimum requirements of the standards for easement surveys and is true and correct to the best of my knowledge and belief.

JASON C. EDWARDS

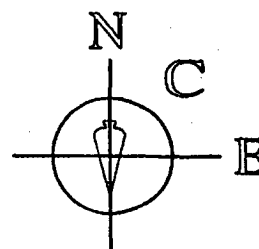
Jason C. Edwards
New Mexico LS #15269

Date: September 17, 2002



Prepared for:

VAL VERDE GATHERING
#119 COUNTY ROAD 4900
BLOOMFIELD, NM 87413



SURVEYS, INC.

Land Surveyor:
Jason C. Edwards

Mailing Address:
Post Office Box 6612
Farmington, NM 87499

Business Address:
111 East Pinon Street
Farmington, NM 87402
(505) 325-2654 (Office)
(505) 326-5650 (Fax)

SHEET 2 OF 2
FILENAME: 810165
CHECKED BY: JCE
DRAWN BY: JLE

BURLINGTON RESOURCES

SAN JUAN DIVISION

August 5, 2004

(Certified Mail – Return Receipt Requested)

Re: Quinn #336S
Basin Fruitland Coal
2605'FNL, 1320'FWL Section 17, T-31-N, R-8-W
San Juan County, New Mexico



To the Affected Persons:

Burlington Resources Oil & Gas Company LP is submitting the enclosed Application for Permit to Drill to the appropriate regulatory agency(s) for approval. This well is located inside the High Productivity Area of the Basin-Fruitland Coal Pool as indicated on the attached plat. Notice is being made pursuant to New Mexico Oil Conservation Commission Order R-8768-F dated July 17, 2003.

The affected parties have twenty (20) days from receipt of this notice in which to file with the District Office of the New Mexico Oil Conservation Division written objection to the proposed Application for Permit to Drill.

Sincerely,

A handwritten signature in cursive script that reads "Joni Clark".

Joni Clark
Regulatory Specialist

CURRENT OPERATOR


BURLINGTON

CONOCOPHILLIPS

- SJD State Names

• SJD County Names

Sections_(SJD)

Townships_(SJD)

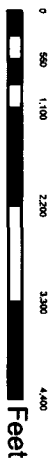
San Juan Federal Units

Counties (SJD)

NM_lots

PROPOSED WELL

OFFSET OPERATOR by SPACING UNIT



1:25,924 - 1" equals 2,160'

GCS North American 1927

BURLINGTON RESOURCES

San Juan


QUINN 336S FTC INFILL - HPA

SEC 19 T31N R8W

Prepared By: mjb Date: 8/2/2004

File Number: _____ Revised Date: 8/2/2004

File Name: C:\platmb\Projects\HPA QUINN 336S\HPA QUINN 336S.mxd

2. Article Number	COMPLETE THIS SECTION ON DELIVERY	
 7110 6605 9590 0008 9996	A. Signature X <i>E. Hernandez</i>	<input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee
1. Article Addressed to: BP AMERICA PRODUCTION COMPANY ATTN BRYAN ANDERSON OSO ENGINEER SAN JUAN BU WEST LAKE 1 ROOM 19-114 501 WESTLAKE PARK BLVD HOUSTON, TX 77079 8/4/2004 12:48 PM	B. Received by (Printed Name)	C. Date of Delivery 8/11/04
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No	
	501 Westlake	
Code: QUINN 336S	3. Service Type <input checked="" type="checkbox"/> Certified	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

PS Form 3811

Domestic Return Receipt