

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number NMSF - 078604 Unit Reporting Number 070 Farmington, NM	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Scott 9. Well Number #100S	
4. Location of Well 1160' FNL, 1685' FWL Latitude 36° 57.62583'N, Longitude 107° 54.47356' W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 29, T32N, R10W API # 30-045- 32114	
14. Distance in Miles from Nearest Town 12.5 miles to Int. Hwy. 550 & Hwy 537, Aztec, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1160'		
16. Acres in Lease	17. Acres Assigned to Well 320.16 N/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 22'		
19. Proposed Depth 2844'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6007' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Joni Clark</u> Regulatory/Compliance Specialist	<u>10-20-03</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE Acting AFM DATE 7/22/05

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.

HPAOK

NMOCD

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

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
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719

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

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- <i>32114</i>	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 7493	⁵ Property Name SCOTT	⁶ Well Number 100S
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6007

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
C	29	32-N	10-W		1160	NORTH	1685	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
¹² Dedicated Acres N/320.16					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

16

FD 3 1/4" S 89°04'46" E BLM 1969 BC 2603.20' (M)	FD 3 1/4" BLM 1969 B.C.	LOT 2	LOT 1
1685'	1160'	USA SF - 078604	USA SF - 078604
USA SF - 078604	LAT: 36°57.62583' N. (NAD 27) LONG: 107°54.47356' W. (NAD 27)	LOT 3	LOT 4
S 02°23'13" W 5397.80' (M)	29	LOT 6	LOT 5
LOT 7		LOT 8	
FD 3 1/4" BLM 1969 B.C.			

17 OPERATOR CERTIFICATION

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

Signature

Printed Name

Title

Date

18 SURVEYOR CERTIFICATION

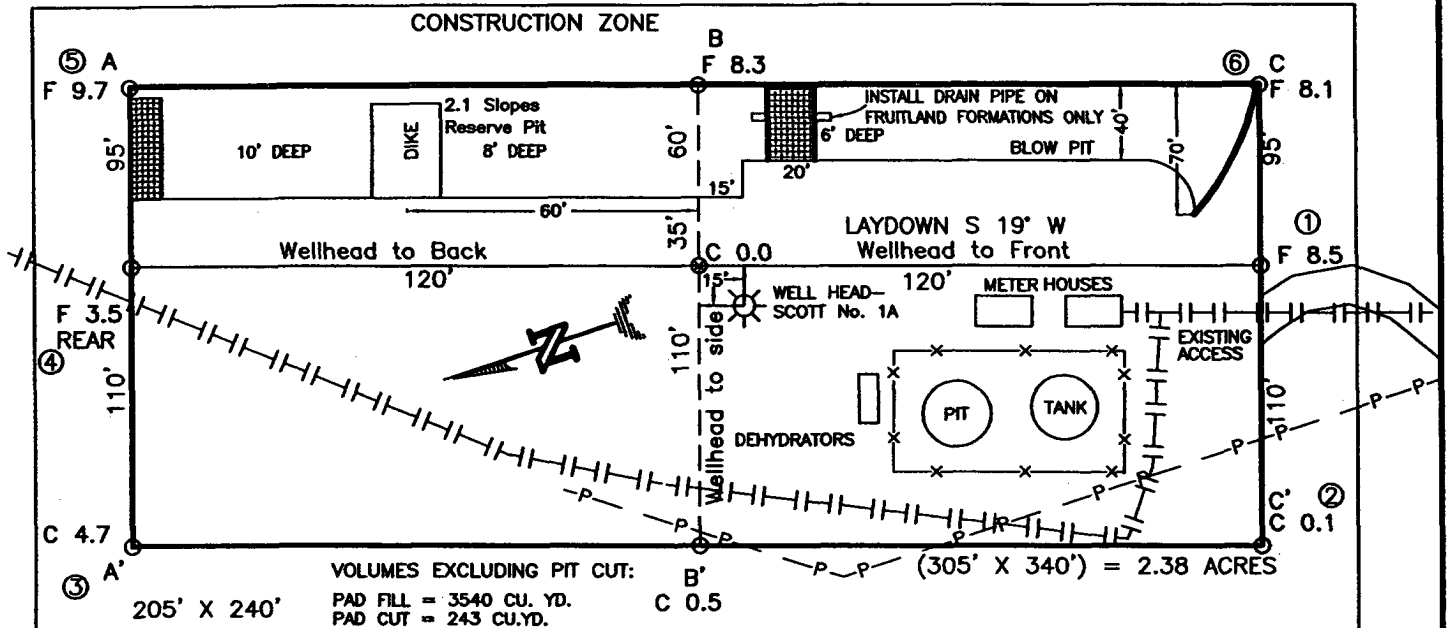
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of Professional Surveyor

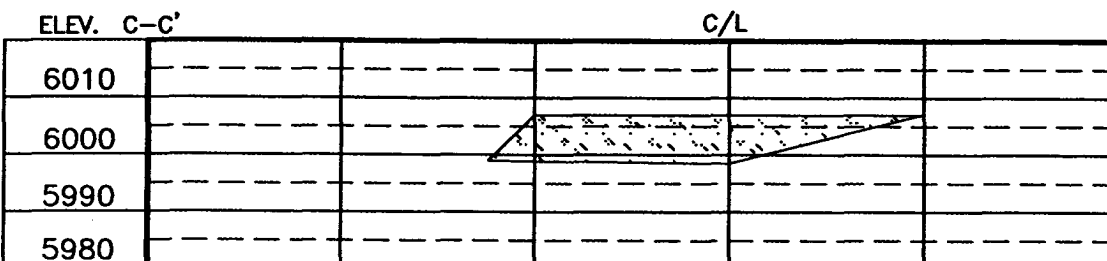
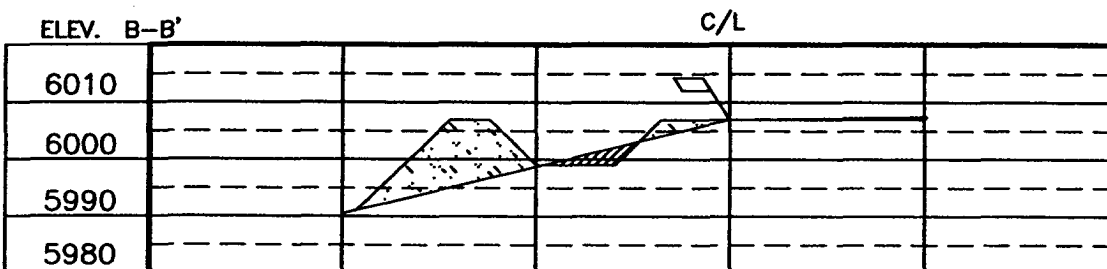
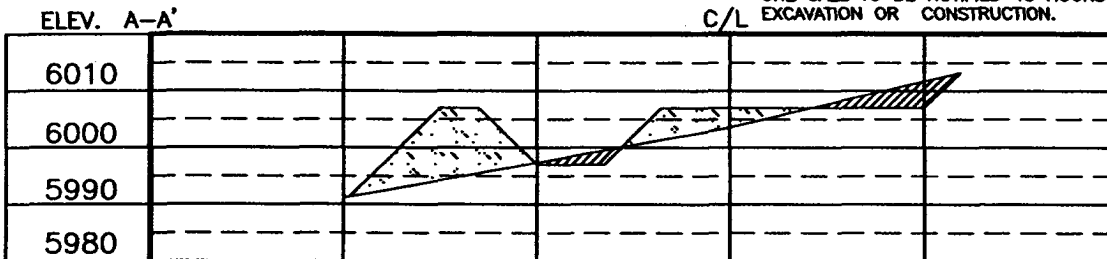
Certificate Number

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SCOTT 100S, 1160 FNL 1685 FWL
SECTION 29, T-32-N, R-10-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION: 6007, DATE: SEPTEMBER 24, 2002



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:

DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.



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.

DRAWN BY: A.G. ROW#: BR403 CADFILE: BR403CF8 DATE: 10/10/02

Daggett Enterprises, Inc.
 Surveying and Oil Field Services
 P. O. Box 15088 Farmington, NM 87401
 Phone (505) 326-1772 Fax (505) 326-6019

REVISED: COMPANY NAME BY: B.L. DATE: 7/28/03

OPERATIONS PLAN

Well Name: Scott #100S
Location: 1160' FNL, 1685' FWL Section 29, T-32-N, R-10-W
Latitude 36° 57.62583'N, Longitude 107° 54.47356'W
San Juan County, NM
Formation: Basin Fruitland Coal
Elevation: 6007' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	1417'	
Ojo Alamo	1417'	1442'	aquifer
Kirtland	1442'	2216'	
Fruitland	2216'	2566'	
Intermediate TD	2516'		
Fruitland Coal	2566'	2834'	gas
B/Basal Coal	2834'	2816'	gas
Pictured Cliffs	2816'		
Total Depth	2844'		

Logging Program: none
Mudlog: from 7" to 2844'
Coring Program: none

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud Mud/Air/Air Mist	8.4-9.0	40-50	no control
120-2516'	Non-dispersed	8.4-9.0	30-60	no control
2516-2844'	Air/Mist			

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

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2516'	7"	20.0#	J-55
6 1/4"	2516' - 2844'	open hole		

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

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2516'	7"	20.0#	J-55
6 1/4"	2476' - 2844'	5 1/2"	15.5#	J-55

Tubing Program:

0' - 2844' 2 3/8" 4.7# J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill float collar. Standard centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1442'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 9 5/8" x 7" x 2 3/8" x 11" 2000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing -

Pre-Set Drilled Cement with 23 sx Type I, II cement with 20% flyash mixed at 14.5 ppg, 1.61 cu ft per sack yield. (37 cu ft of slurry, bring cement to surface) Wait on cement for 24 hours for pre-set holes before pressure testing or drilling out from under surface.

Conventionally Drilled

Cement with 80 sx Type III cement with 0.25 pps Celloflake, 2% CaCl. (113 cu ft of slurry, 200% excess, bring cement to surface) Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface.

~~Waive the 6 hours WOC in lieu of 4 hours prior to NU of BOPE.~~ See BMM General Requirements

7" intermediate casing - lead w/208 sacks Premium Lite with 3% calcium chloride, 5 pps LCM-1, and 1/4#/sack flocele, 0.4% FL-52, & 0.4% SMS. Tail with 90 sacks Type III cmt with 1% calcium chloride, 1/4#/sack flocele and 0.2% FL-52 (567 cu.ft., 50% excess to circulate to surface).

5 1/2" liner - will not be cemented if run.

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

BOP and tests:

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

Intermediate TD to Total Depth - 7 1/6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to drilling out intermediate casing, test blind rams and casing to 1500 psi for 30 minutes; all pipe rams and casing to 1500 psi for 30 minutes each.

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

Pipe rams will be actuated at 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.

Additional information:

- * The Fruitland Coal formation will be completed.
- * Anticipated pore pressure for the Fruitland is less than 500 psi.
- * This gas is dedicated.
- * The north half of Section 29 is dedicated to the Fruitland Coal.

Date: 12-14-03

Drilling Engineer: Jim McCarthy

BURLINGTON RESOURCES

RECEIVED

SAN JUAN DIVISION

2004 FEB 11 AM 10:18

February 10, 2004

070 Farmington, NM

Bureau of Land Management
1235 La Plata Highway
Farmington, New Mexico 87401



Dear Adrienne Garcia:

The surface cement slurry has been changed for the following wells to:

Cement with Type III cement with 0.25 pps Celloflake, 3% calcium chloride. (1.28 yeild, 15.2 ppg, 200% excess, bring cement to surface). Wait on cement appropriate time until cement achieves 250 psi compressive strength at 60 degrees F. prior to nipple up of BOPE. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface. Test casing to 600 psi for 30 minutes.

9-5/8" csg set @ 120'
88 sxs cmt
113 cu. ft. of slurry

Allison Unit 120S, NWSE, Sec. 30, T-32-N, R-6-W, Federal lease NM-04207.
Allison Unit 121S, SENW, Sec. 30, T-32-N, R-6-W, Federal lease SF-081155.
Carson SRC 101S, SWNW, Sec. 1, T-30-N, R-5-W, Federal lease NM-4453.
Federal G 1N, SESW, Sec. 35, T-31-N, R-12-W, Federal lease SF-078120A.
Hale 351S, SWNW, Sec. 34, T-31-N, R-8-W, Federal lease SF-079037.
Hale 352S, NWSE, Sec. 27, T-31-N, R-8-W, Federal lease SF-079037.
Howell A 301S, NENW, Sec. 4, T-30-N, R-8-W, Federal lease SF-078580.
Howell Com J 301S, NWNW, Sec. 11, T-30-N, R-8-W, Federal lease NM-010468.
Howell D 350S, SWSW, Sec. 28, T-31-N, R-8-W, Federal lease SF-078387.
Howell D 351S, SENW, Sec. 29, T-31-N, R-8-W, Federal lease SF-078387.
Johnston Federal 15S, NWSW, Sec. 35, T-31-N, R-9-W, Federal lease SF-078439.
Johnston Federal 26S, SWNW, Sec. 7, T-31-N, R-9-W, Federal lease SF-078439.
Johnston Federal 29S, SWSE, Sec. 7, T-31-N, R-9-W, Federal lease SF-078439.
San Juan 32-9 Unit 250S, SWSE, Sec. 4, T-31-N, R-9-W, Federal lease SF-080875.
San Juan 32-9 Unit 277S, SENW, Sec. 30, T-32-N, R-9-W, Federal lease SF-078509.
San Juan 32-9 Unit 283S, NENW, Sec. 33, T-32-N, R-9-W, Federal lease SF-079048.
Scott 100S, SENW, Sec. 29, T-32-N, R-10-W, Federal lease SF-078604.
Scott Com 291S, NESE, Sec. 29, T-32-N, R-10-W, Federal lease SF-078604.
Vanderslice 100S, SWNW, Sec. 18, T-32-N, R-10-W, Federal lease SF-078215A.
Waller 100S, SESE, Sec. 11, T-32-N, R-11-W, Federal lease SF-078119A.
Wilmer Canyon 101S, NENW, Sec. 25, T-32-N, R-8-W, Federal lease NM-6893.

Sincerely,

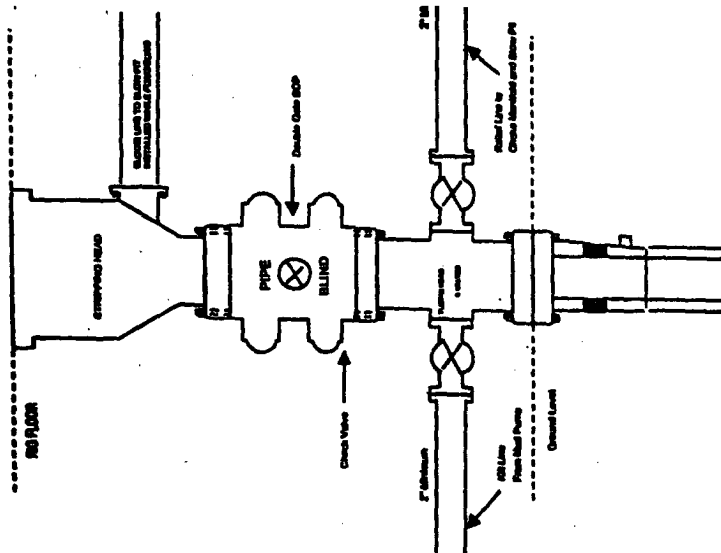
A handwritten signature in cursive script that reads "Tammy Wimsatt".

Tammy Wimsatt
Regulatory Specialist

NMOC

BURLINGTON RESOURCES

Completion/Workover Rig BOP Configuration 2,000 psi System

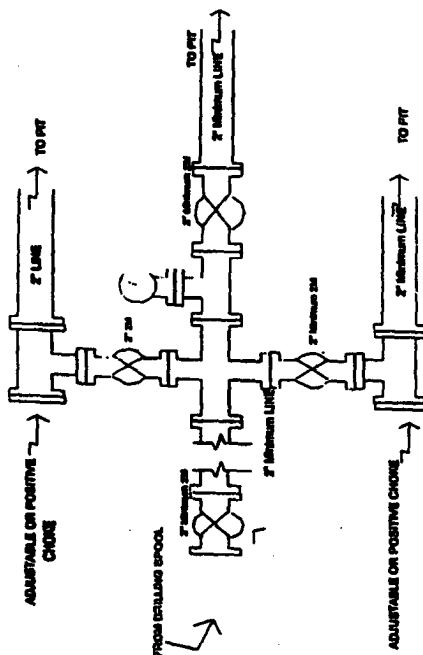


Minimum BOP Installation for all Completion/Workover Operations. 7-1/8" bore, 2000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A stripping head to be installed on the top of the BOP. All BOP equipment is 2000 psi working pressure or greater excluding 500 psi stripping head.

Figure #2

BURLINGTON RESOURCES

Drilling Rig Choke Manifold Configuration 2000 psi System

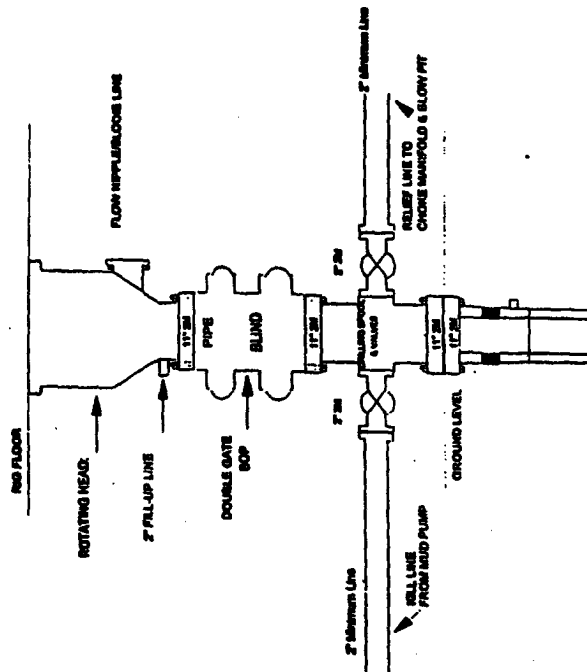


Choke manifold installation from Surface Casing Point to Total Depth. 2,000psi working pressure equipment with two chokes.

Figure #3

Burlington Resources

Drilling Rig 2000 psi System



BOP Installation from Surface Casing Point to Total Depth. 11" Bore 10" Nominal, 2000 psi working pressure double gate BOP to be equipped with blind rams and pipe rams. A 500 psi stripping head on top of ram preventer. All BOP equipment is 2,000 psi working pressure

Figure #1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

Sundry Notices and Reports on Wells

2004 APR 27 PM 3:10
Case Number
SF-078604070 FARMINGTON, NM
If Indian, All. or
Tribe Name1. Type of Well
GAS

7. Unit Agreement Name

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

1160' FNL, 1685' FEL, Sec.29, T32N, R10W, NMPM

8. Well Name & Number

Scott #100S

9. API Well No.

30-045-

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

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

The BOP configuration has been revised for the subject well according to the following and attached diagram:

BOP and tests:

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

Intermediate TD to Total Depth - 7 1/6" 2000 psi (minimum) completion BOP stack (Reference Figure #2). Prior to drilling out intermediate casing, test BOPE and casing to 1500 psi for 30 minutes.

From surface to 7" TD - a choke manifold will be installed in accordance with Onshore Order NO. 2 (Reference Figure #3). When the cavitation completion rig drills the production hole, the completion rig configuration will be used (Reference Figure #4).

Pipe rams will be actuated at 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.

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

Signed Tammy Wimsatt Title Regulatory Specialist Date 04/013/04
fsb

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Acting AFM Date 7/22/05

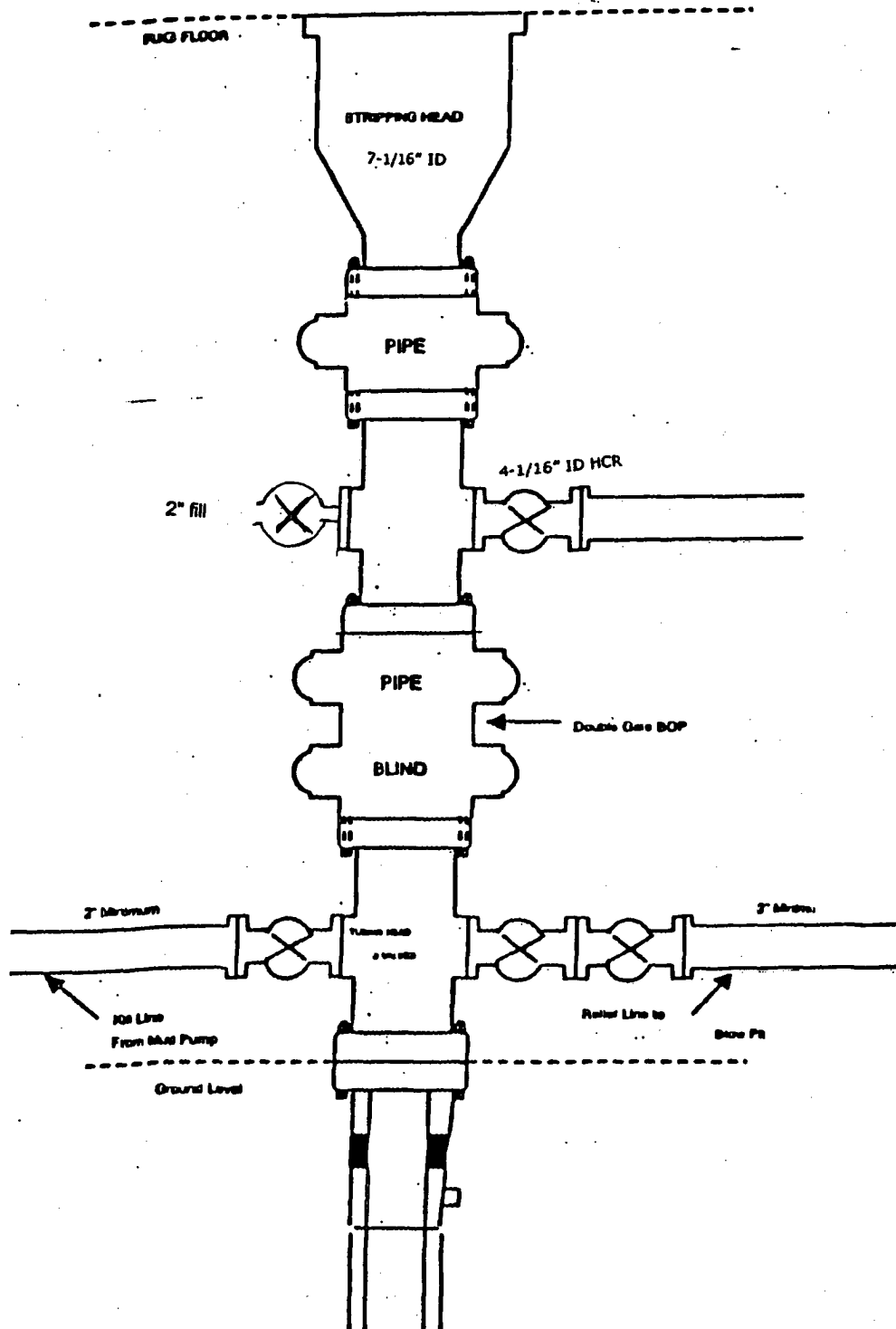
CONDITION OF APPROVAL, if any:

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

BURLINGTON RESOURCES

Figure #4
Cavitation Rig
BOP Configuration
2,000 psi Minimum System



BURLINGTON RESOURCES

SAN JUAN DIVISION

November 13, 2003

(Certified Mail – Return Receipt Requested)

Re: Scott 100S
Basin Fruitland Coal
1160'FNL, 1685'FWL Section 29, T-32-N, R-10-W
San Juan County, New Mexico

API # 30-045-32114
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,

Frances Bond

Frances Bond
Regulatory Assistant

Legend

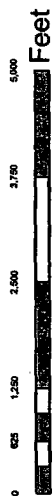
P2000 Well Header 32-10

Current Operator

unknown

- AMOCO PRODUCTION COMPANY
- BP AMERICA PRODUCTION COMPANY
- VASTAR RESOURCES INCORPORATED
- BURLINGTON RESOURCES
- BURLINGTON RESOURCES O&G CO LP
- BURLINGTON RESOURCES OIL & GAS COMPANY
- EL PASO NATURAL GAS COMPANY
- MERIDIAN OIL INCORPORATED
- SOUTHLAND ROYALTY COMPANY
- CONOCO INCORPORATED
- CONOCOPHILLIPS COMPANY
- PHILLIPS PETROLEUM COMPANY
- WILLIAMS PRODUCTION COMPANY
- MICELVANT H OIL & GAS PROPERTIES
- ENERGEN RESOURCES CORPORATION
- COLEMAN OIL & GAS INCORPORATED
- AZTEC OIL & GAS COMPANY
- RED WILLOW PRODUCTION COMPANY

BURLINGTON
RESOURCES



1:71,167,736 - 1" equals 5,930,645'

GCS Assumed Geographic 1

BURLINGTON RESOURCES

San Juan

Scott #100S

T32N-R10W
Section 29

Prepared By: hmc

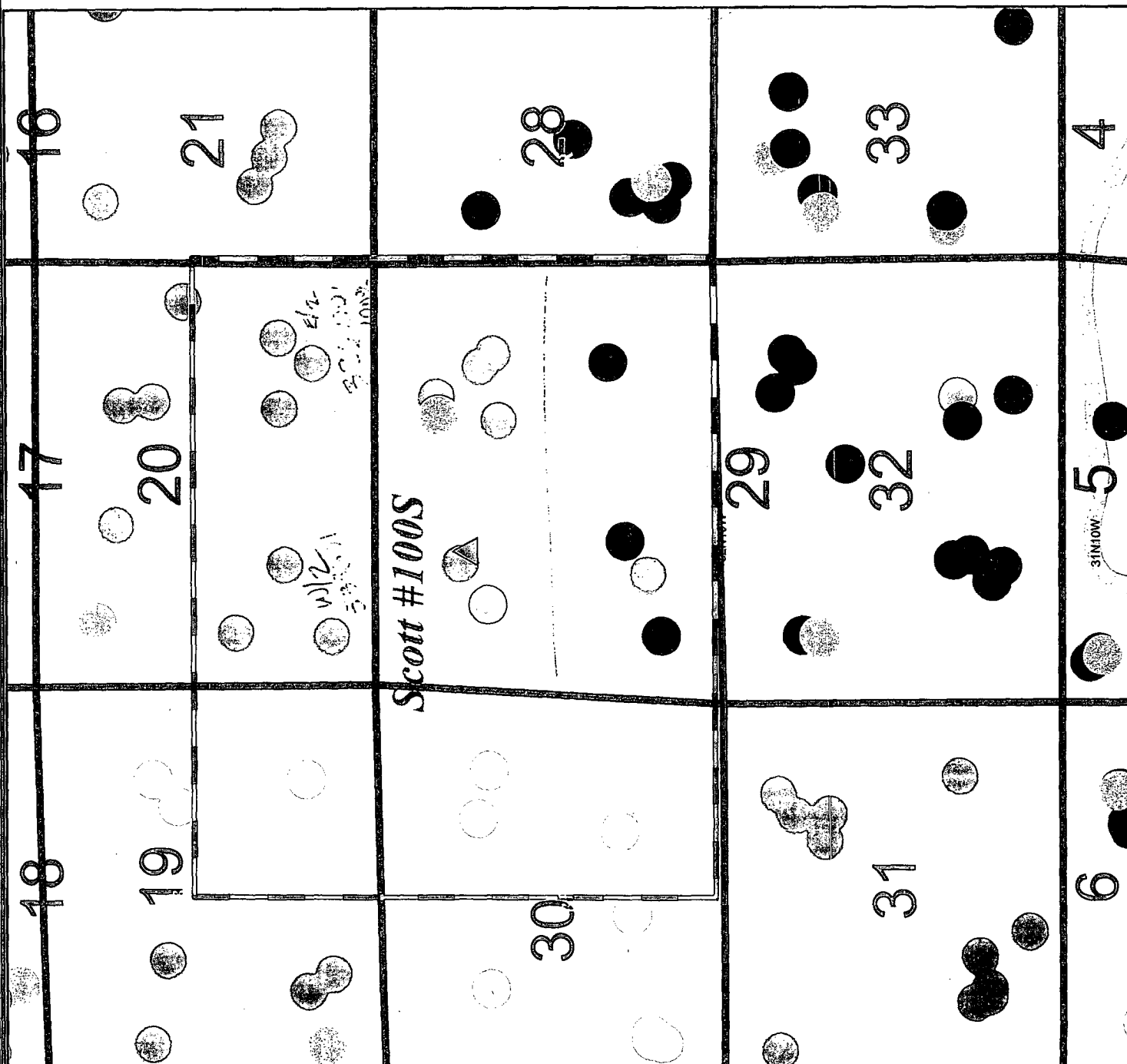
Date: 9/10/2003

File Number:

Revised Date: 9/10/2003

File Name:

c:\platt\hmc\Protects\Infill0910\Infill0910.mxd





RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

PS FORM 3800

0112 0007 9590 5099 1110

SENT TO:		POSTAGE		POSTMARK OR DATE	
RETURN RECEIPT SERVICE	RESTRICTED DELIVERY FEE	\$0.37			
	CERTIFIED FEE	\$0.00			
	RETURN RECEIPT FEE	\$2.30			
	TOTAL POSTAGE AND FEES	\$4.75			
9/18/2003 7:50 AM		Code: Scott 100S			
File:					
CONOCOPHILLIPS COMPANY					
ATTN CHIEF LANDMAN SAN JUAN/ROCKIES					
PO BOX 2197					
PO BOX 2197					
Houston, TX 77252-2197					

COMPLETE THIS SECTION ON DELIVERY	
A. Signature <input checked="" type="checkbox"/> Agent	B. Received by (Printed Name) <input checked="" type="checkbox"/> Addressee
C. Date of Delivery 11-8-03	D. Is delivery address different from item 12 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Service Type <input checked="" type="checkbox"/> Certified	

1. Article Number
ATN BRYAN ANDERSON OSO ENGINEER
WEST LAKE 1 ROOM 19-114
WEST LAKE 1 ROOM 19-114
501 WESTLAKE PARK BLVD
Houston, TX 77079

PS Form 3811 7:50 AM 9/18/2003 Code: Scott 100S Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY	
A. Signature <input checked="" type="checkbox"/> Agent	B. Received by (Printed Name) <input checked="" type="checkbox"/> Addressee
C. Date of Delivery	D. Is delivery address different from item 12 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Service Type <input checked="" type="checkbox"/> Certified	

Attention: Rich Corcoran
2198 Bloomfield Hwy
2198 Bloomfield Hwy
Farmington, NM 87401

PS Form 3811 1:11 PM 9/16/2003 Code: ETC HPA Return Receipt File: Scott 100S

COMPLETE THIS SECTION ON DELIVERY	
A. Signature <input checked="" type="checkbox"/> Agent	B. Received by (Printed Name) <input checked="" type="checkbox"/> Addressee
C. Date of Delivery NOV 18 2003	D. Is delivery address different from item 12 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Service Type <input checked="" type="checkbox"/> Certified	

1. Article Number
ONE WILLIAMS CENTER
PO BOX 3102 MS25-3
PO BOX 3102 MS25-3
Tulsa, OK 74101

PS Form 3811