

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078505 Unit Reporting Number	
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 Seymour Well Number #5B	
4. Location of Well 1515' FNL, 2145' FWL Latitude 36° 53.2, Longitude 107° 44' 21.1	9. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 23, T-31-N, R-9-W API # 30-045-30343	
14. Distance in Miles from Nearest Town 6 miles from Navajo Dam	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1515'	17. Acres Assigned to Well 220 W/2 313.36	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1200'	
19. Proposed Depth 7620'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6140' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Supervisor	Date <u>8-17-00</u>	

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE On Sunday

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

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.

NSL #4546

NAOCD

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO 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

*API Number 30-045-30343	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7499	*Property Name SEYMOUR	*Well Number 5B
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6140'

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	23	31N	9W		1515	NORTH	2145	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 MV- W/320 313.36 DK- W/320	¹³ Joint or Infill I	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	5232.48'				¹⁷ OPERATOR CERTIFICATION
LOT 4	LOT 3	LOT 2	LOT 1	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
5247.00'	2145'	LAT: 36°53.2'	LONG: 107°45.1'	Signature Peggy Cole	
LOT 5	LOT 6	LOT 7	LOT 8	Printed Name Regulatory Supervisor	
SF-078505	23	LOT 9	LOT 10	Title 9-17-00	
LOT 12	LOT 11	LOT 10	LOT 9	Date	
LOT 13	LOT 14	LOT 15	LOT 16	¹⁸ SURVEYOR CERTIFICATION	
5169.12'				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.	
				FEBRUARY 29, 2000	
				Date of Survey	
				Signature and Seal of Professional	
				NEALE C. EDWARDS NEW MEXICO 6857	
				Certificate Number 6857	

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

1515'FNL, 2145'FWL, Sec.23, T-31-N, R-9-W, NMPM

5. Lease Number
SF-078505

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Seymour #5B

9. API Well No.
30-045-

10. Field and Pool
Blanco MV/Basin DK

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

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input checked="" type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to alter the casing and cement program of the subject well

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200- 3224'	LSND	8.4-9.0	30-60	no control
3224- 7620'	Gas	n/a	n/a	n/a

Casing Program:

Hole Size	Depth Interval	Csq. Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3224'	7"	20.0#	J-55
6 1/4"	0' - 7620'	4 1/2"	10.5#	J-55

Tubing Program:

Cementing:

9 5/8" surface casing - cement with 159 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface).

7" intermediate casing - Lead w/292 sx Class "B" w/3% sodium metasilicate, 10# gilsonite/sx and 1/2# flocele/sx. Tail w/90 sx 50/50 Class "B" Poz w/2% calcium chloride, 2% gel (969 cu.ft. of slurry, 100% excess to circulate to surface.)

7" intermediate casing alternative two stage - Stage collar at 2309'. 1st stage: cement with w/207 sx Class "B" 50/50 poz w/2% gel, 2% calcium chloride, 0.5 pps Cellophane. 2nd stage: 239 sx Class "B" with 3% sodium metasilicate, 1/2 pps Cellophane, 10 pps Gilsonite (969 cu.ft., 100% excess to circulate to surface).

4 1/2" Production Liner - Lead with 440 sx 50/50 Class "H" Poz with 2% gel, 0.25# flocele/sx, 5# gilsonite/sx, 0.2% retardant and 0.4% fluid loss additive (646 cu.ft.), 40% excess to cement 4 1/2" x 7" overlap).

Wellhead:

9 5/8" x 7" x 2 3/8" x 3000 psi tree assembly.

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

Signed Tammy Wimsatt for Title Regulatory Supervisor Date 10/4/00

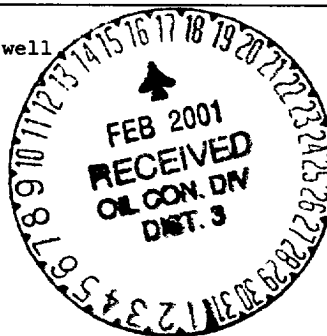
TLW

(This space for Federal or State Office use)

APPROVED BY Mr. Jim Lovato Title _____ Date 2/13/01

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.

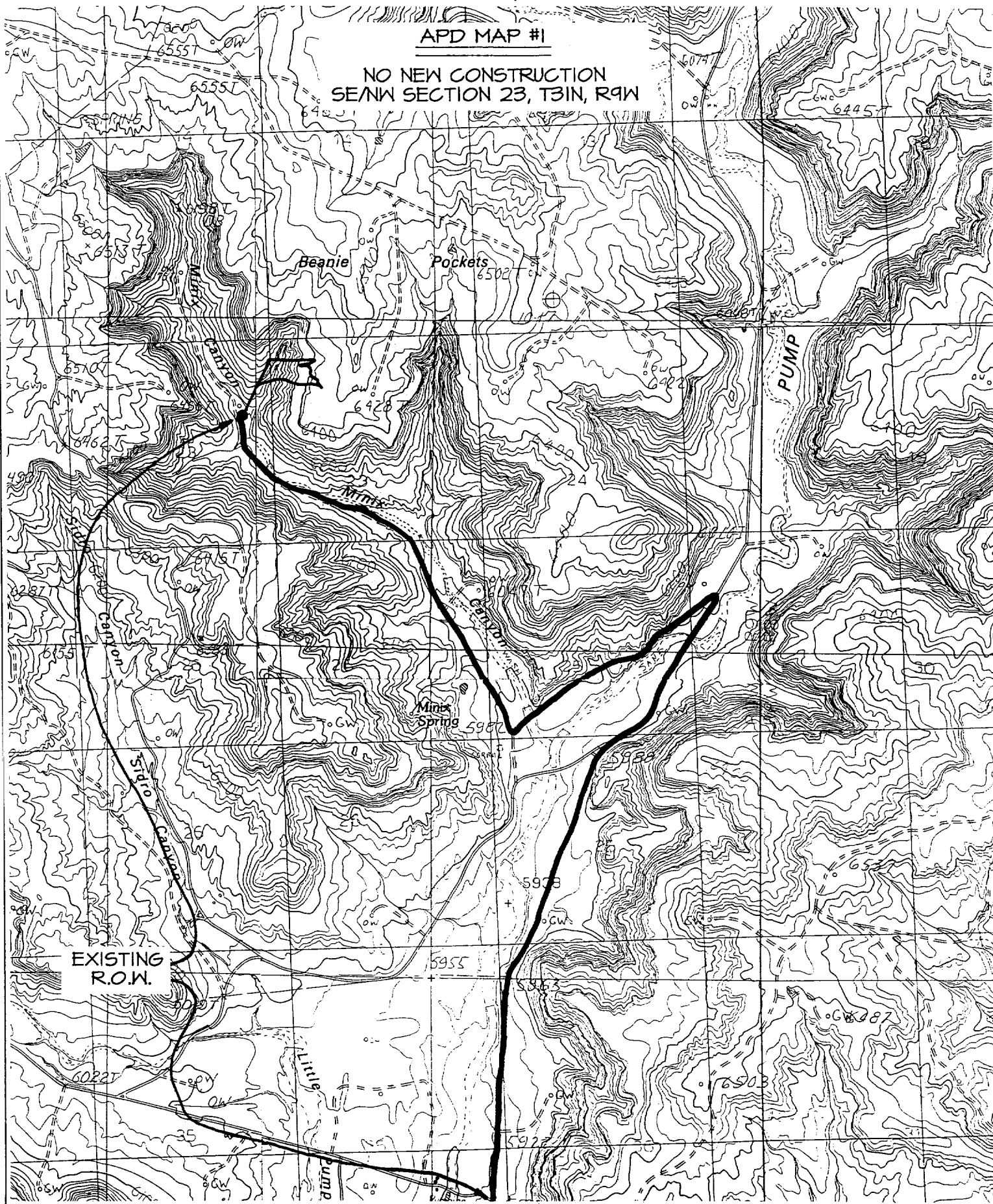


BURLINGTON RESOURCES OIL & GAS COMPANY SEYMOUR #5B

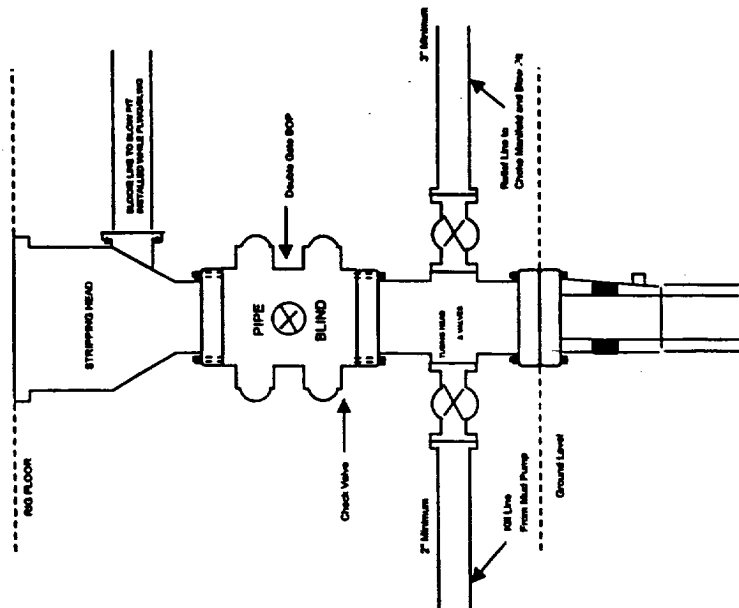
1515' FNL & 2145' FWL, SECTION 23, T31N, R9W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
SE/NW SECTION 23, T31N, R9W



Completion/Workover Rig
BOP Configuration
3,000 psi System

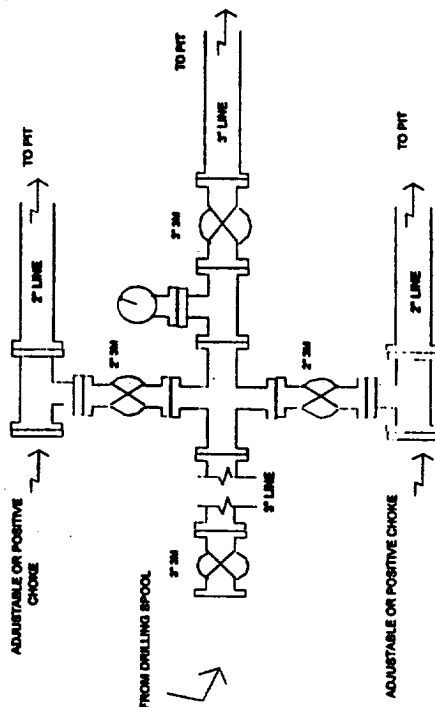


Minimum BOP installation for all Completion/Workover Operations. 7-1/16" bore, 3000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A stripping head to be installed on the top of the BOP. All equipment is 3000 psi working pressure or greater.

Figure #3

BURLINGTON RESOURCES

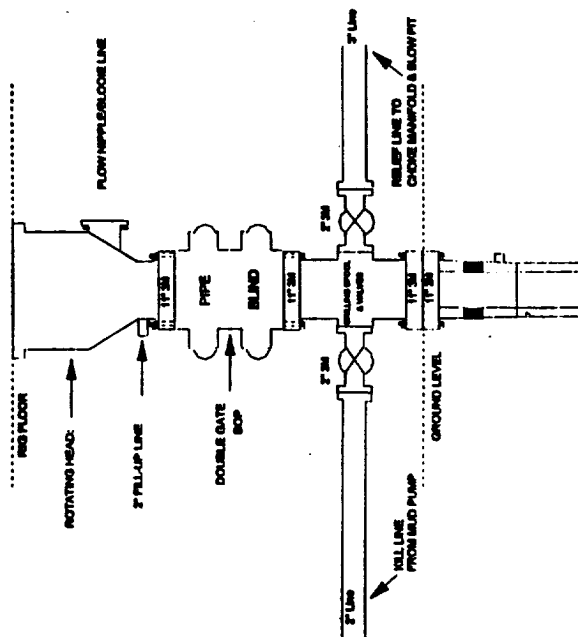
Drilling Rig
Choke Manifold Configuration
3000 psi System



Choke manifold installation from Surface Casing Point to Total Depth. 3,000psi working pressure equipment with two chokes.

Figure #2

Drilling Rig
3000 psi System



BOP Installation from Surface Casing Point to Total Depth. 11" Bore 10" Nominal, 3000 psi working pressure double gate BOP to be equipped with blind rams and pipe rams. A stripping head on top of ram preventers. All BOP equipment is 3,000 psi working pressure.

Figure #1