

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
P.O. 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-10
Revised February 21, 1999
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	Pool Code	Pool Name
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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-079393 Unit Reporting Number DK - 8910009500 MV - 891000950A
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 27-5 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 27-5 Unit 9. Well Number 82M
4. Location of Well 1770' FNL, 860' FWL Latitude 36° 36.3, Longitude 107° 24.4	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) E Sec. 6, T-27-N, R-5-W API # 30-039-26290
14. Distance in Miles from Nearest Town 50 miles from Blanco	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 860'	
16. Acres in Lease	17. Acres Assigned to Well 342.38 W/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2000'	
19. Proposed Depth 7740'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6508' GR	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><i>Peggy Cole</i></u> Regulatory/Compliance Administrator	<u>12-15-99</u> Date

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY /s/ Charlie Beecham

TITLE _____

DATE FEB 11 2000

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.

NMOC

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #82M
Location: 1770' FNL, 860' FWL, Sec 6, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 36.3, Longitude 107° 24.4
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6508' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2582'	
Ojo Alamo	2582'	2744'	aquifer
Kirtland	2744'	2928'	gas
Fruitland	2928'	3285'	gas
Pictured Cliffs	3285'	3413'	gas
Lewis	3413'	3851'	gas
Intermediate TD	3513'		
Mesa Verde	3851'	4251'	gas
Chacra	4251'	4963'	gas
Massive Cliff House	4963'	5111'	gas
Menefee	5111'	5465'	gas
Massive Point Lookout	5465'	5973'	gas
Mancos	5973'	6655'	gas
Gallup	6655'	7405'	gas
Greenhorn	7405'	7468'	gas
Graneros	7468'	7503'	gas
Dakota	7503'		gas
TD	7740'		

Logging Program:

Cased hole - CBL-CCL-GR - TD to surface
Cores - none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200- 3513'	LSND	8.4-9.0	30-60	no control
3513- 7740'	Gas	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3513'	7"	20.0#	J-55
6 1/4"	3413' - 7740'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7740' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

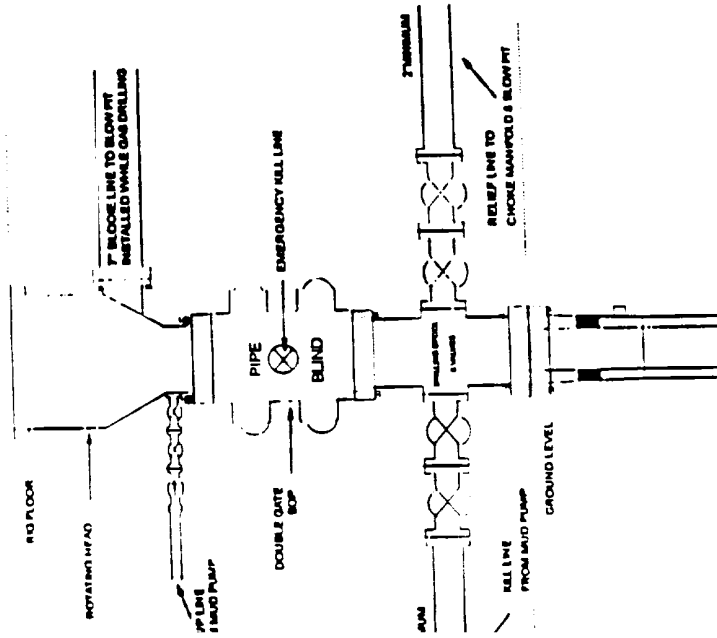
Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

BOP Configuration 2M psi System

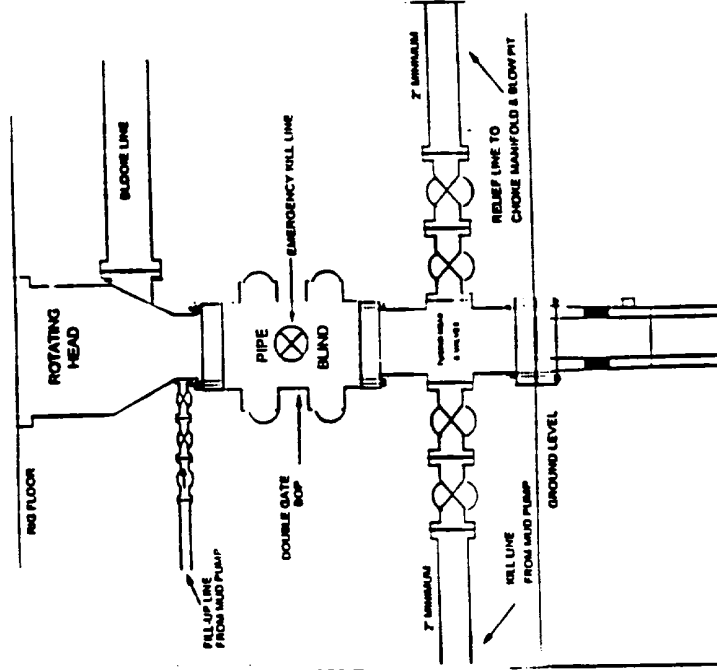


* Bore, 2000psi minimum working pressure double gate BOP to be equipped in blind end pipe same. A Schaeffer Type 50 or equivalent rotating head to be installed on the top of the BOP. All equipment is 2000psi working pressure/or ester.

FIGURE #1

BURLINGTON RESOURCES

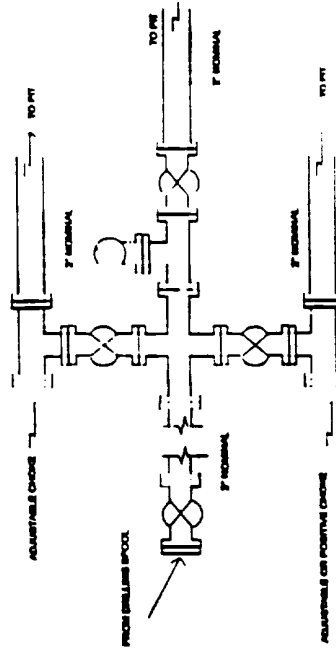
BOP Configuration 2M psi System



Minimum BOP Installation for Completion operations. 7 1/16\" Bore (6\" Nominal), 2,000 psi minimum working pressure double gate BOP to be equipped with blind and pipe fittings

FIGURE #2

Choke Manifold Configuration 2M System



Minimum choke manifold installation from surface to Total Depth.
2\" minimum, 2000psi working pressure equipment with two chokes

Figure #3

BURLINGTON RESOURCES OIL & GAS COMPANY

SAN JUAN 27-5 UNIT #82M

NW/4 SEC. 6, T-27-N, R-5-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

1770' FNL, 860' FWL

APD MAP #1

NO NEW CONSTRUCTION

SW/NW SEC. 6, T-27-N, R-5-W, N.M.P.M.,

