

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

200 JUL 26 PM 1:40

1a. Type of Work
DRILL

5. Lease Number
SF-080714A
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
San Juan 30-6 Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

8. Farm or Lease Name
San Juan 30-6 Unit

9. Well Number
133

4. Location of Well
740' FNL, 1605' FWL
Latitude 36° 49.1, Longitude 107° 27.2

10. Field, Pool, Wildcat, or Pictured Cliffs
Wildcat Pictured Cliffs

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 15, T-30-N, R-6-W
API # 30-039-26332

12. County
Rio Arriba

13. State
NM

14. Distance in Miles from Nearest Town
42 miles from Blanco

15. Distance from Proposed Location to Nearest Property or Lease Line
740'

16. Acres in Lease

17. Acres Assigned to Well
160

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
75'

19. Proposed Depth
3400'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6164' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Regulatory/Compliance Administrator

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

1-10-00
Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

/s/ Charlie Beecham

TITLE

DATE MAR 31 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.

chse

NMOCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-26332	² Pool Code Gobernador	³ Pool Name WG-T30NR6W15G Pictured Cliffs
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 133
⁷ OGHD No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6164'


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	15	30-N	6-W		740	NORTH	1605	WEST	RIO ARRIBA

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 W/320		¹³ Joint or Infill		¹⁴ Consolidation Code 160 acres for density purposes for the PC 320 acres for revenue purposes for the PC		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 N 89-59-22 E FD. 1914 BLM BRASS CAP LAT. 36° 49.1' N LONG. 107° 27.2' W 1605' SF-080714-A LOT 2	2635.33' 740' (MEAS.) GOMEZ, FEE TRACT 38 IN W/2	FD. 1914 BLM BRASS CAP TRACT 38 LOT 1	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature <u>Peggy Cole</u> Printed Name Regulatory Administrator Title Date <u>1-31-00</u>
reissued to show correct acreage dedication			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 <u>11-11-99</u> Signature and Seal of Professional Surveyor:  Certificate Number
SF-080713-B			

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #133
Location: 740' FNL, 1605' FWL, Section 15, T-30-N, R-6-W
Rio Arriba County, New Mexico
Latitude 36° 49.1, Longitude 107° 27.2
Formation: Wildcat Pictured Cliffs
Elevation: 6164' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2107'	
Ojo Alamo	2107'	2302'	aquifer
Kirtland	2302'	2776'	gas
Fruitland	2776'	3090'	gas
Pictured Cliffs	3090'	3330'	gas
Lewis	3330'		gas
Total Depth	3400'		

Logging Program: 2400' to TD - GR-SP-IND-CNL-CDL-CAL
Surface to TD - GR-SP-IND-CAL

Coring Program: None

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-3400'	LSND	8.4-9.0	40-60	no control

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

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	K-55
7 7/8"	0 - 3400'	4 1/2"	10.5#	K-55

Tubing Program: 2 3/8" 4.7# J-55 to 3400'

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

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Seven centralizers run every 3rd joint to the base of the Ojo Alamo @ 2302'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2302'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" 2000 psi screw on independent wellhead.

Cementing:

8 5/8" surface casing - cement with 210 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (248 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi for 30 minutes.

4 1/2" production casing - Lead w/495 sx Class "B" w/3% sodium metasilicate, 1/2 pps cellophane and 7 pps gilsonite. Tail w/90 sx 50/50 Class "B" Poz w/2% gel, 1/2 pps cellophane, 7 pps gilsonite and 2% calcium chloride (1550 cu.ft. of slurry, 100% excess to circulate to surface). WOC 8 hrs. If cement does not circulate to surface, a CBL will be run during completion to determine TOC.

San Juan 30-6 Unit #133

BOP and tests:

Surface to TD - 11" 2000 psi (minimum double gate BOP stack (Reference Figure #1 and #2)). Prior to drilling out surface casing, test rams to 600 psi/30 min.

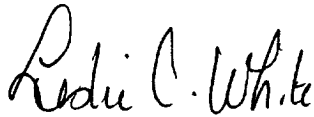
Completion - 6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2)). Prior to completion operations, test rams and casing to 2000 psi/15 min.

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

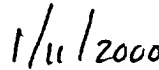
Pipe rams will be actuated to least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- * The Pictured Cliffs formation will be completed.
- * Anticipated pore pressure for the Pictured Cliffs is 600 psi.
- * This gas is dedicated.
- * The northwest quarter of Section 15 is dedicated to the Pictured Cliffs.

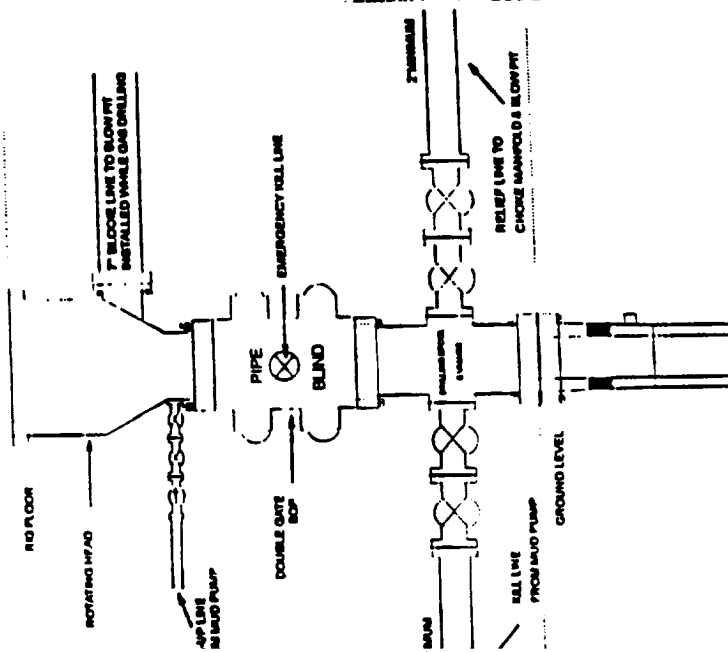


Drilling Engineer



Date

BOP Configuration 2M psi System

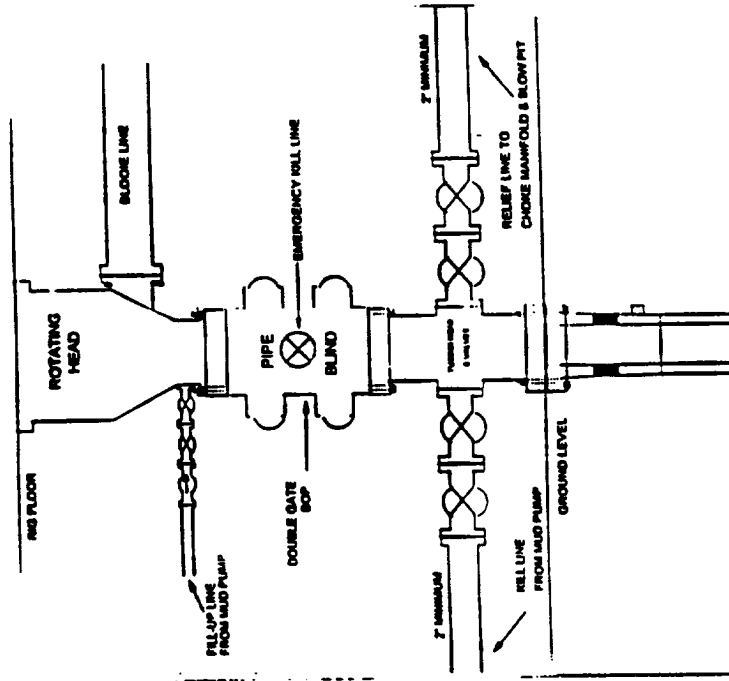


1\"/>

FIGURE #1

BURLINGTON RESOURCES

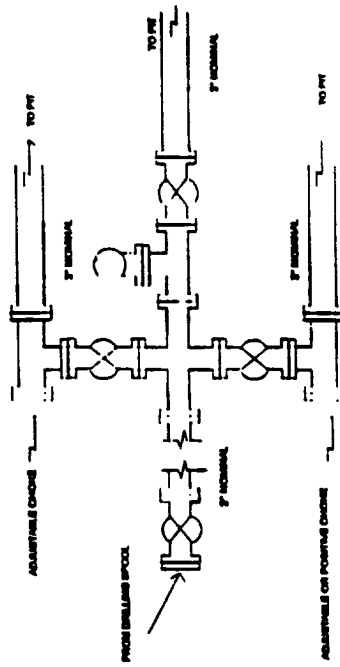
BOP Configuration 2M psi System



Minimum BOP Installation for Completion operations. 7 1/16\"/>

FIGURE #2

Choke Manifold Configuration 2M System



Minimum choke manifold installation from surface to Total Depth.
2\"/>

Figure #3

BURLINGTON RESOURCES OIL & GAS COMPANY

SAN JUAN 30-6 UNIT #133

NW/4 SEC. 15, T-30-N, R-6-W, N.M.P.M.,

RIO ARRIBA COUNTY, NEW MEXICO

740' FNL, 1605' FWL

APD MAP #1

NO NEW CONSTRUCTION

NE/NW SEC. 15, T-30-N, R-6-W, N.M.P.M.,

