

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-078483A 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 Allison Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87401 (505) 326-9700	8. Farm or Lease Name Allison Unit 9. Well Number #74
4. Location of Well 915' FNL, 985' FEL Latitude 36° 59.2, Longitude 107° 31.8	10. Field, Pool, Wildcat S. Los Pinos Fruitland sd PC 11. Sec., Twn, Rge, Mer. (NMPM) A Sec. 14, T-32-N, R-7-W API # 30-045-8
14. Distance in Miles from Nearest Town 3 mi from Tiffany	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 915'	
16. Acres in Lease	17. Acres Assigned to Well 171.46 NE/4
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1000'	
19. Proposed Depth 3700'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6610' 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 Administrator	<u>1-25-00</u> Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY /s/ Charlie Beecham TITLE _____ DATE MAR 8 1 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.

NMOCD

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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-10
Revised February 21, 199
Instructions on bac
Submit to Appropriate District Office
State Lease - 4 Copie
Fee Lease - 3 Copie

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-30152	*Pool Code 80690	*Pool Name So. Los Pinos Fruitland sd Pict.Cliffs
*Property Code 6784	*Property Name ALLISON UNIT	*Well Number 74
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6610'

10 Surface Location

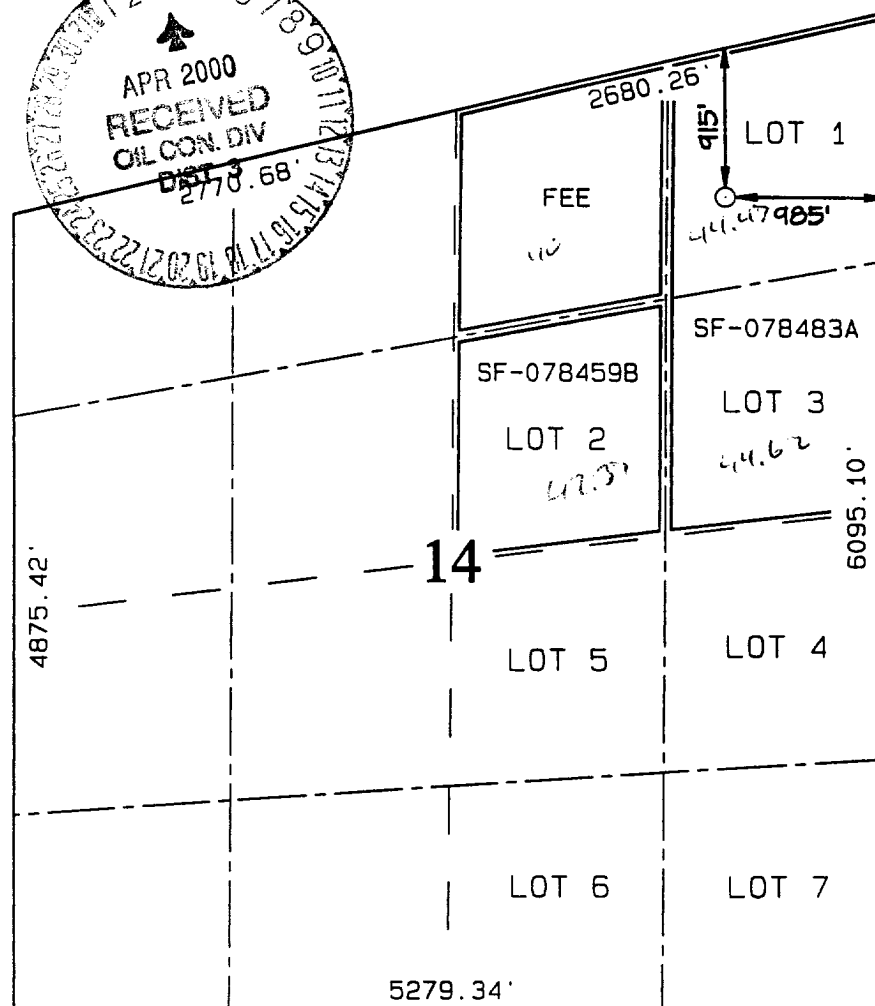
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	32N	7W		915	NORTH	985	EAST	SAN JUAN

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 171.46	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

Peggy Cole
Signature

Peggy Cole
Printed Name

Regulatory Administrator
Title

1-25-00
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.

NOVEMBER 4, 1999
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
Certificate No. 6857

OPERATIONS PLAN

Well Name: Allison Unit #74
Location: 915'FNL, 985'FEL, Section 14, T-32-N, R-7-W
San Juan County, New Mexico
Latitude 36° 59.2, Longitude 107° 31.8
Formation: South Los Pinos Fruitland Sand Pictured Cliffs
Elevation: 6610'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2550'	
Ojo Alamo	2550'	2650'	aquifer
Kirtland	2650'	3090'	gas
Fruitland	3090'	3280'	gas
Pictured Cliffs	3280'	3460'	gas
Lewis	3460'		gas
Total Depth	3700'		

Logging Program: 2700' to TD - GR-SP-IND-NEU-DEN-CAL
Surface to TD - GR-SP-IND-CAL

Coring Program: 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
200-3700'	LSND	8.4-9.0	40-60	no control

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0 - 200'	8 5/8"	24.0#	K-55
7 7/8"	0 - 3700'	4 1/2"	10.5#	K-55

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

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 @ 2650'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2650'. 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.

Allison Unit #74

4 ½" production casing - Lead w/526 sx Class "B" w/3% sodium metasilicate, 1/2 pps cellophane and 10 pps gilsonite. Tail w/90 sx 50/50 Class "B" Poz w/2% gel, 1/2 pps cellophane, 10 pps gilsonite and 2% calcium chloride (1686 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.

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.

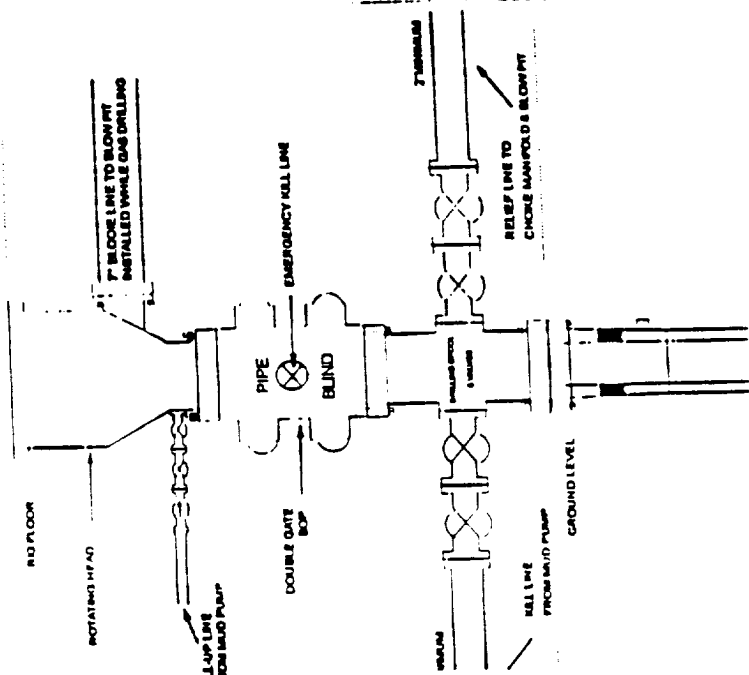
Additional information:

- * The Pictured Cliffs formation will be completed.
- * Anticipated pore pressure for the Pictured Cliffs is 600 psi.
- * This gas is dedicated.
- * The northeast quarter of section 14 is dedicated to the Pictured Cliffs.

Steve Campbell
Drilling Engineer

11/25/2000
Date

BOP Configuration 2M psi System

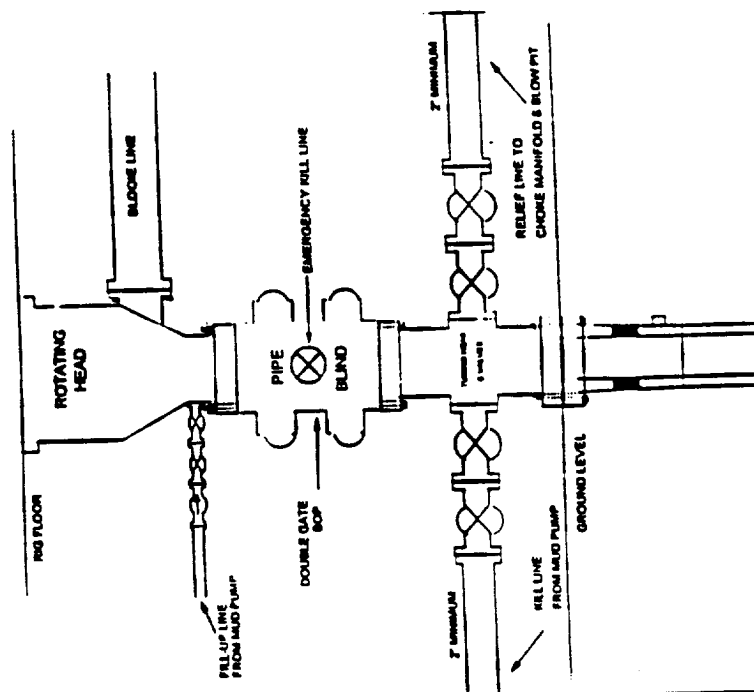


1" Bore, 2000psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A Schaffner Type 50 or equivalent rotating head to be installed on the top of the BOP. All equipment is 2000psi working pressure or greater.

FIGURE #1

BURLINGTON RESOURCES

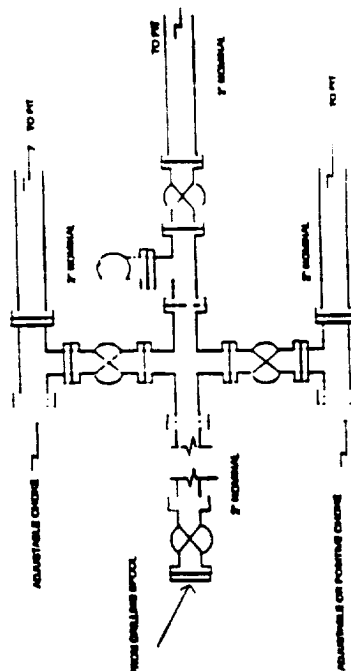
BOP Configuration 2M psi System



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 rams.

FIGURE #2

Choke Manifold Configuration 2M System

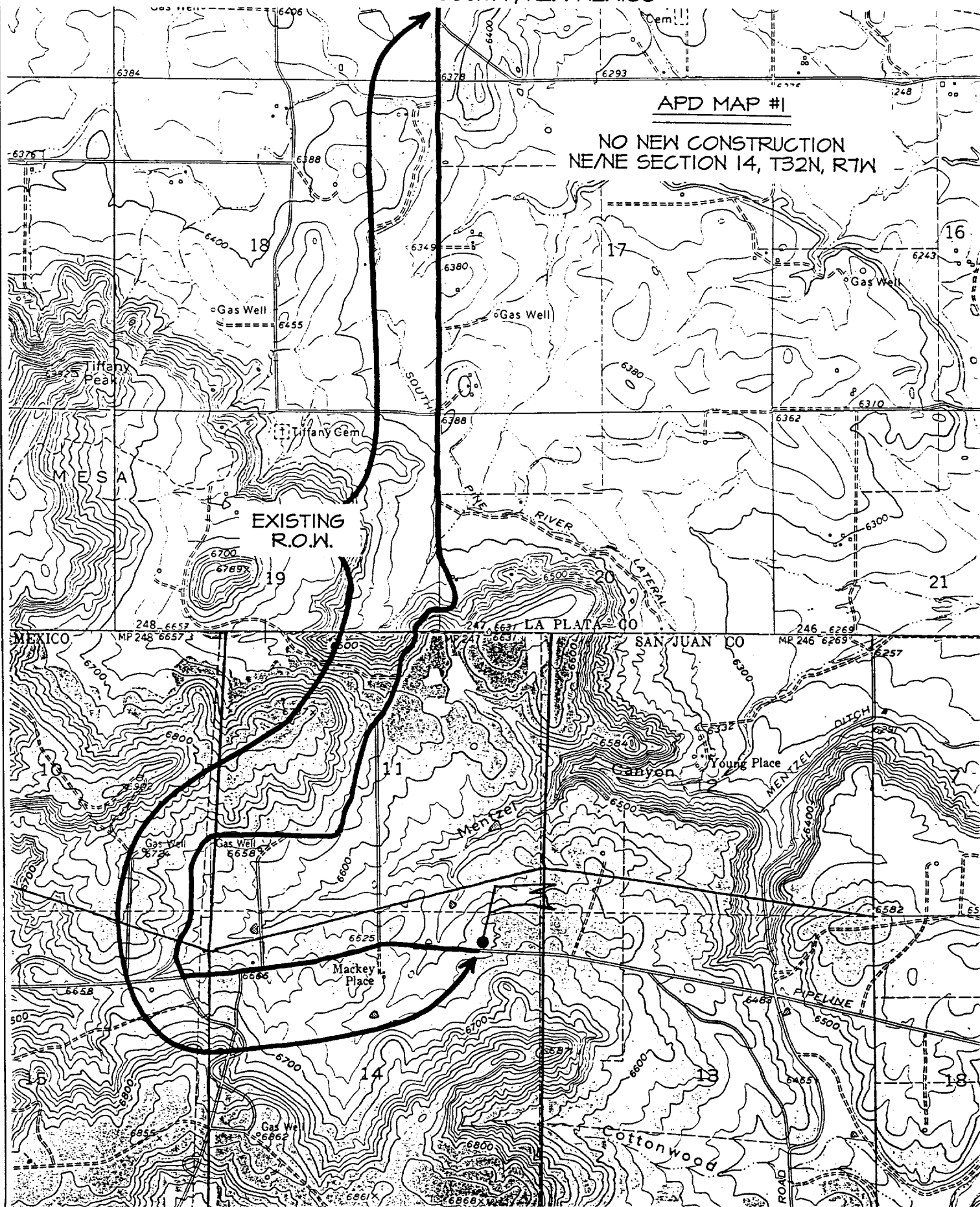


Minimum choke manifold installation from surface to Total Depth. 2" minimum, 2000psi working pressure equipment with two chokes.

Figure #3

BURLINGTON RESOURCES OIL & GAS COMPANY ALLISON UNIT #74

915' FNL & 985' FEL, SECTION 14, T32N, R7W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF-078483A	
2. Name of Operator BURLINGTON RESOURCES OIL & GAS		6. If Indian, Allottee or Tribe Name	
Contact: PEGGY COLE E-Mail: pbradfield@br-inc.com		7. If Unit or CA/Agreement, Name and/or No. ALLISON UNIT	
3a. Address 3401 EAST 30TH FARMINGTON, NM 87402		8. Well Name and No. ALLISON UNIT 74	
3b. Phone No. (include area code) Ph: 505.326.9727 Fx: 505.326.9563		9. API Well No. 30-045-30152	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T32N R7W Mer NENE		10. Field and Pool, or Exploratory S. LOS PINOS FRUITLAND PC	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please extend our application for permit to drill.

SEP 30

14. I hereby certify that the foregoing is true and correct. Electronic Submission #4401 verified by the BLM Well Information System For BURLINGTON RESOURCES OIL & GAS, sent to the Farmington Committed to AFMSS for processing by Maurice Johnson on 05/24/2001 ()	
Name (Printed/Typed) PEGGY COLE	Title REPORT AUTHORIZER
Signature	Date 05/21/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>Matthew Whelan</u>	Title <u>Petroleum Engineer</u>	Date <u>5-25-2001</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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