

Ernie Busch

To: Mike Stogner
Subject: BURLINGTON RESOURCES REESE FEDERAL #1R (NSL)
Importance: High

REESE FEDERAL #1R
1280'FSL; 1210' FEL
P-17-27N-09W
RECOMMEND: APPROVAL

OPERATOR: LOUIS DREYFUS NATURAL GAS CORP

OGRID: 025773

MONTH/YEAR 09/96

PAGE 2 OF 28

INJECTION				PRODUCTION				DISPOSITION OF OIL, GAS, AND WATER									
7 POOL NO. AND NAME PROPERTY NO. AND NAME WELL NO. AND U-I-S-T-R API NUMBER	8 C O D E	9 VOLUME	10 PRESSURE	11 C O D E	12 BBL'S OF OIL/COND- ENSATE PRODUCED	13 BBL'S OF WATER PRODUCED	14 GAS PRODUCED (MCF)	15 DAYS PRODUCED	16 C O D E	17 POINT OF DISPOSIT- TION	18 GAS BTU OR OIL API GRAV	19 OIL ON HAND AT BEGINNING OF MONTH	20 VOLUME (BBL'S/MCF)	21 TRANS- PORTER ORDID	22 C O D E	23 OIL ON HAND AT END OF MONTH	
003 F-33-22S-26E 30-015-27341	P				1077	778	765	30									
004 B-33-22S-26E 30-015-28701	P				919	3211	858	30									
005 E-33-22S-26E 30-015-27634	P				582	1943	429	29									
006 D-33-22S-26E 30-015-27687	P				1409	2476	848	29									
008 G-33-22S-26E 30-015-27669	P				535	2949	336	22									
016393 SHEEP DRAW "28" FEDERAL																	
001 N-28-22S-26E 30-015-27488	P				150	960	580	30									
002 M-28-22S-26E 30-015-27688	P				966	6508	630	30									
878																	
410																	

BURLINGTON RESOURCES

SAN JUAN DIVISION

October 28, 1996

Sent Federal Express

Mr. William LeMay
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RECEIVED
OCT 29 1996
OIL CON. DIV.
DIST. 2

Re: Reese Federal #1R
1280'FSL, 1210'FEL Section 17, T-27-N, R-9-W, San Juan County, New Mexico
API # 30-039-(not yet assigned)

Dear Mr. LeMay:

Burlington Resources is applying for administrative approval of a non-standard location for the above location in the Pictured Cliffs formation. This application for the referenced location is due to terrain and the presence of archaeology.

The following attachments are for your review:

1. Application for Permit to Drill.
2. Completed C-102 at referenced location.
3. Offset operators/owners plat - Burlington Resources is the operator of the surrounding proration unit
4. 7.5 minute topographic map showing the orthodox windows, and enlargement of the map to define topographic features.

We appreciate your earliest consideration of this application.

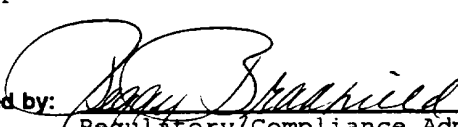
Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

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 NM-011393 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 Reese Federal 9. Well Number 1R	
4. Location of Well 1280' FSL, 1210' FEL Latitude 36° 34.3, Longitude 107° 48.4	10. Field, Pool, Wildcat Fulcher Kutz PC 11. Sec., Twn, Rge, Mer. (NMPM) Sec 17, T-27-N, R-9-W API # 30-045-	
14. Distance in Miles from Nearest Town 8 miles to Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1210'		
16. Acres in Lease	17. Acres Assigned to Well SE/4 160	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 900'		
19. Proposed Depth 2500'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6332' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u></u> Regulatory/Compliance Administrator	<u>10/11/96</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report to be submitted by Arboles Contract Archaeology
Threatened and Endangered Species Report submitted by Ecosphere dated 9-96
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

District I
PO Box 1789, Hobbs, NM 88241-1989
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1008 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, 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 30-045-		Pool Code 77200		Pool Name Fulcher Kutz Pictured Cliffs	
Property Code		Property Name Reese Federal			Well Number 1R
OGRID No. 14538		Operator Name Meridian Oil Inc.			Elevation 6332'

10 Surface Location

UL or lot no. P	Section 17	Township 27 N	Range 9 W	Lot Ids	Feet from the 1280	North/South line South	Feet from the 1210	East/West line East	County S.J.
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 1.60	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

16		5210.04'		17 OPERATOR CERTIFICATION	
5239.08'		17		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
				Signature: <i>Peggy Bradfield</i>	
				Printed Name: Peggy Bradfield	
				Title: Regulatory Administrator	
				Date: 10/11/96	
				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.	
				7-19-96	
				Date of Survey	
				Signature and Seal of Professional Surveyor	
				Certificate No. 8857	
				5256.24'	
				1210'	
				1280'	

OPERATIONS PLAN

Well Name: Reese Federal #1R
Location: 1280' FSL, 1210' FEL Section 17, T-27-N, R-9-W
 San Juan County, New Mexico
 Latitude 36° 34.3, Longitude 107° 48.4
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 6332' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1342'	
Ojo Alamo	1342'	1468'	aquifer
Kirtland	1468'	2006'	
Fruitland	2006'	2267'	
Pictured Cliffs	2267'		gas
Total Depth	2500'		

Logging Program: Hi Res Ind, Den/Neut, MRL/GR to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-8.9	40-50	no control
120-2500'	LSND	8.4-9.0	40-60	no control

Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 120'	8 5/8"	24.0#	K-55
7 7/8"	0 - 2500'	4 1/2"	10.5#	K-55

Tubing Program: - 2 3/8", 4.7#, J-55 EUE 8rd tbg landed @ 2500'

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. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 1468'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1468'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 2000 psi screw on independent wellhead.

Reese Federal #1R

Cementing:

8 5/8" surface casing - cement with 129 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (149 cu.ft. of slurry, 200% excess to circulate to surface). WOC 12 hrs. Test casing to 600 psi for 30 minutes.

4 1/2" production casing - Lead w/496 sx of 65/35 Class "B" Poz w/6% gel, 2% calcium chloride, and 1/4# flocele/sx. Tail w/100 sx Class "B" w/2% calcium chloride (997 cu.ft. of slurry, 75% excess to circulate to surface). WOC 12 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 BCP 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 300 psi.
- * This gas is dedicated.
- * The southeast quarter of the section is dedicated to the Pictured Cliffs.
- * New casing will be utilized.
- * Pipe movement (either rotation or reciprocation) will be done if hole conditions permit.



Drilling Engineer



Date

BURLINGTON RESOURCES

Reese Federal #1R
Multi-Point Surface Use Plan

1. Existing Roads - Refer to Map No. 1. Existing roads used to access the proposed location will be properly maintained for the duration of the project. Bureau of Land Management right-of-way has been applied for as shown on Map No. 1.
 2. Planned Access Road - Refer to Map No. 1. The required new access road is shown on Map No. 1. The gradient, shoulder, crowning and other design elements will meet or exceed those specified by the responsible government agency. The new access road surface will not exceed twenty feet (20') in width. No additional turnarounds or turnouts will be required. Upon completion of the project, the access road will be adequately drained to control soil erosion. Approximately 200' of access road will be constructed. Pipelines are indicated on Map No. 1A.
 3. Location of Existing Wells - Refer to Map No. 1A.
 4. Location of Existing and/or Proposed Facilities if Well is Productive -
 - a. On the Well Pad - Refer to Plat No. 1, anticipated production facilities plat.
 - b. Off the Well Pad - Anticipated facilities off the well pad will be applied for as required.
 5. Location and Type of Water Supply - Water will be hauled by truck for the proposed project and will be obtained from Ten Mile Water Hole #1 located SW Section 17, T-28-N, R-8-W, New Mexico.
 6. Source of Construction Materials - If construction materials are required for the proposed project, such materials will be obtained from a commercial quarry.
 7. Methods of Handling Waste Materials - All garbage and trash materials will be removed from the site for proper disposal. A portable toilet will be provided for human waste and serviced in a proper manner. If liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying waste materials into the watershed. Reserve pits will be lined as needed with either 12 mil bio-degradable plastic liner or a bentonite liner. All earthen pits will be so constructed as to prevent leakage from occurring; no earthen pit will be located on natural drainage. Generation of hazardous waste is not anticipated. Federal regulations will be adhered to regarding handling and disposal of such waste if so generated.
 8. Ancillary Facilities - None anticipated.
 9. Wellsite Layout - Refer to the location diagram and to the wellsite cut and fill diagram (Figure No. 4). The blow pit will be constructed with a 2'/160' grade to allow positive drainage to the reserve pit and prevent standing liquids in the blow pit.
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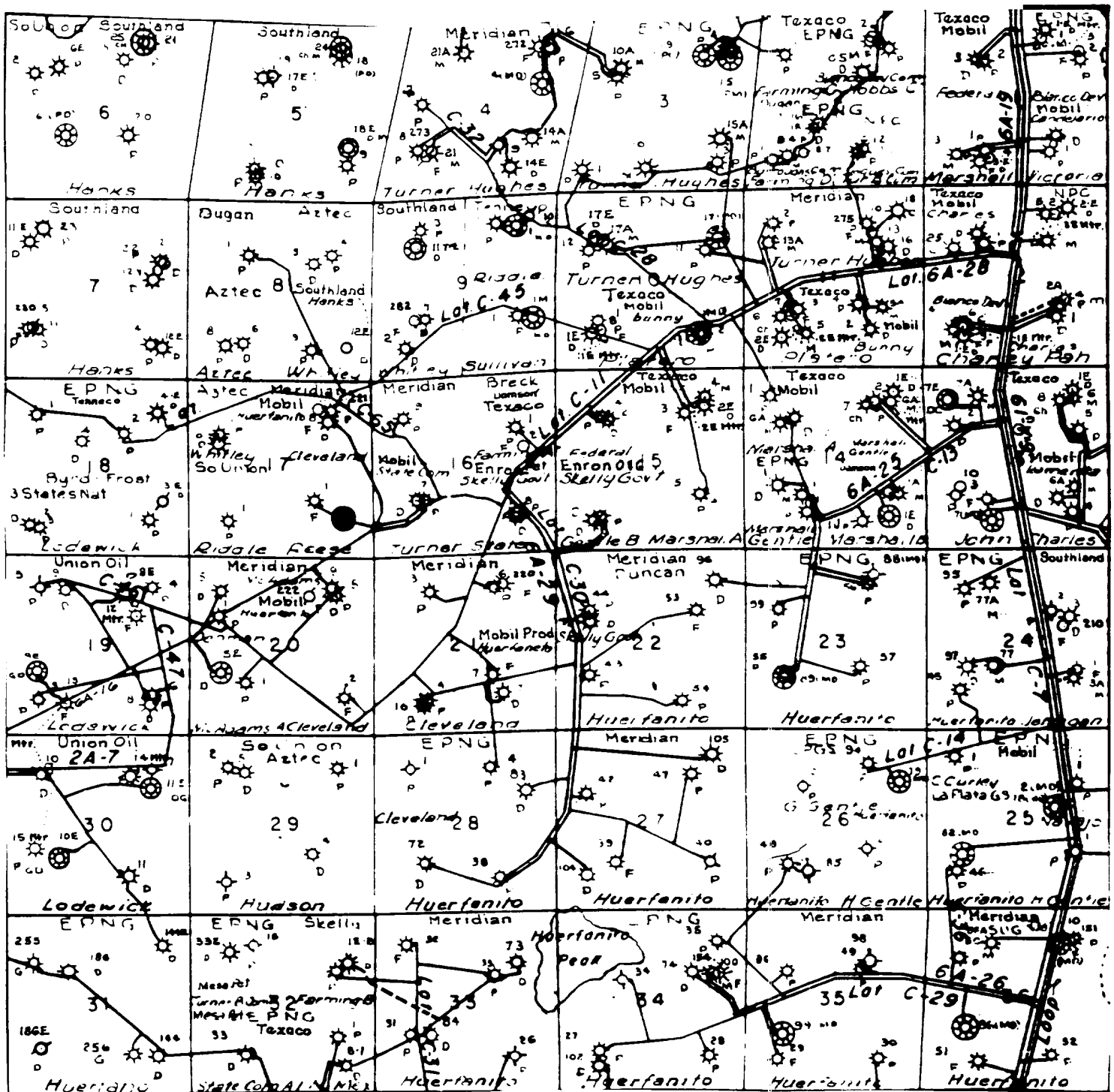
10. Plans for Restoration of the Surface - After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeding operations will be performed during the time period set forth by the responsible government agency. The permanent location facilities will be painted as designated by the responsible government agency.
11. Surface Ownership - Bureau of Land Management
12. Other Information - Environmental stipulations as outlined by the responsible government agency will be adhered to. Refer to the archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
13. Operator's Representative and Certification - Burlington Resources Oil & Gas Company Regional Drilling Manager, Post Office Box 4289, Farmington, NM 87499, telephone (505) 326-9700. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan, are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Burlington Resources Oil and Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Regulatory/Compliance Administrator

9/3/96

Date



MERIDIAN OIL INC.
 Pipeline Map
 T-27-N, R-09-W
 San Juan County, New Mexico

Reese FEDERAL #1R
 MAP #1A

3/91 adw/mjb

**BURLINGTON
RESOURCES
REESE FEDERAL #1R
T27N, R9W
200' NEW CONSTRUCTION**

**T27N, R9W
Section 17:SESE 200'**

APD MAP #1

**EXISTING
ROW**

**STATE
LANDS**

**NEW BLM
ROW**

**REESE
FED #1R**

19

20

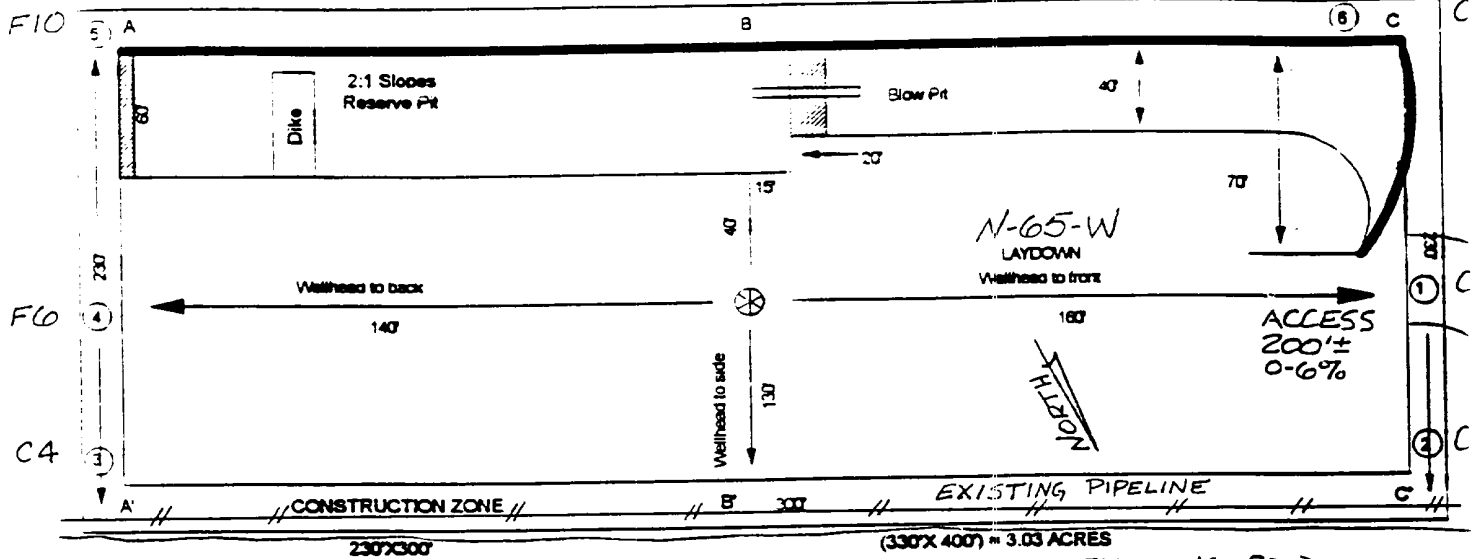
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PLAT #1

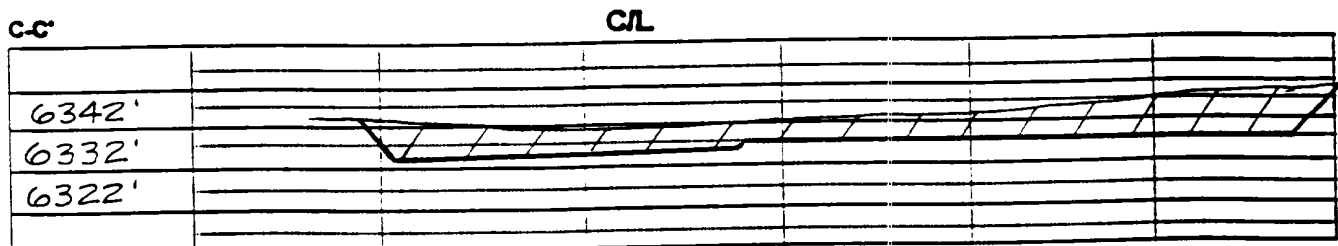
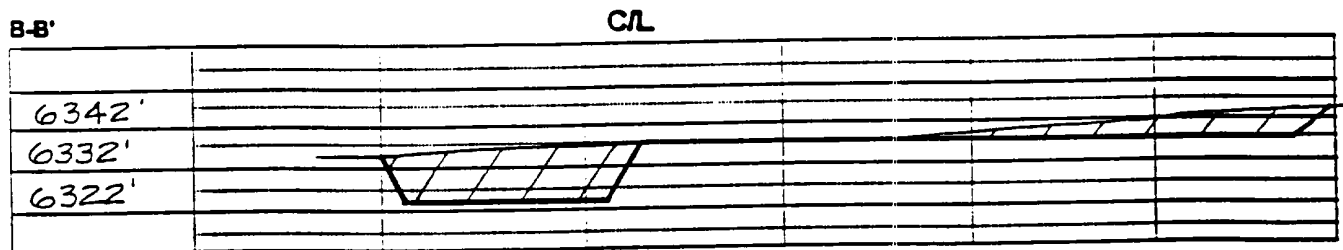
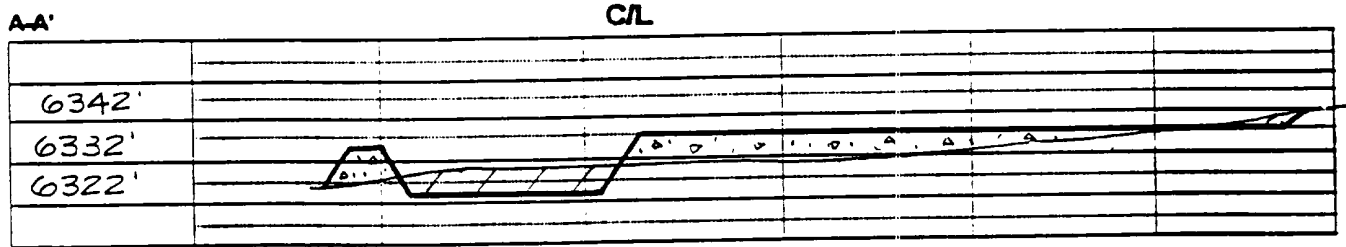
PC/FC LOW POTENTIAL

NAME: REESE FEDERAL #1R
 FOOTAGE: 1280' FSL, 1210' FEL
 SEC 17 TWN 27 N.R. 9 WNMPM
 CO: SAN JUAN ST: NEW MEXICO
 ELEVATION: 6332' DATE: 7-19-96



Reserve Pit Dike : to be 6" above Deep side; (overflow - 3' wide and 1' above shallow side.)

Blow Pit : overflow pipe halfway between top and bottom and extend over plastic liner and into blow pit.

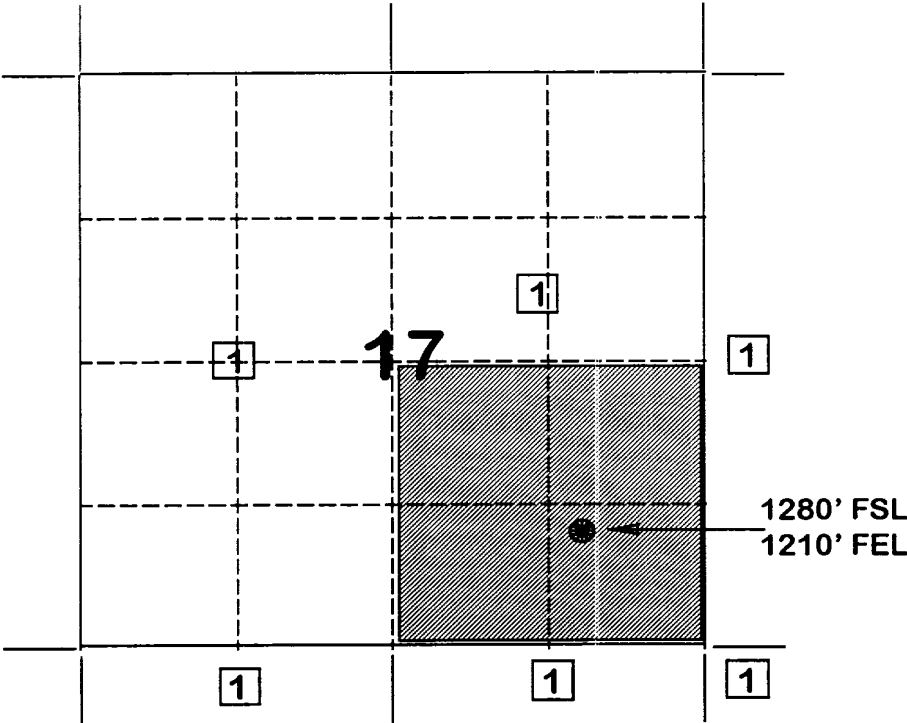


Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least 2 working days prior to construction.

BURLINGTON RESOURCES OIL AND GAS COMPANY

**Reese Federal #1R
OFFSET OPERATOR \ OWNER PLAT
Nonstandard Location
Pictured Cliffs Formation Well**

Township 27 North, Range 9 West



1) Burlington Resources Oil and Gas Company Successor to Meridian Oil Inc.

