UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 5. Lease Number

1a.	Type of Work DRILL	DECEIV	5. Lease Number SF-06	C 2
		MAR - 9 188	Unit Reportin	ng Number
1b.	Type of Well GAS	@ [] [G@ []]. [6. If Indian, All.	or Tribe
2.	Operator BURLIN RESOU 14538	VGTON	7. Unit Agreem	ent Name
3.	Address & Pho	ne No. of Operator 189, Farmington, NM 87499 5-9700	8. Farm or Leas 6928 Corne 9. Well Number 5R	11
4.	Location of We 970'FNL, Latitude 36	990'FEL 5 ⁰ 45.6, Longitude 10 6⁰ 02. 6	11. Sec., Twn,	er Kutz Pic.Cliffs <mark>Rge, Mer.(NMPM)</mark> ,T-29-N, R-12-W
14.		es from Nearest Town Farmington	12. County SJ	13. State NM
15.	Distance from I	Proposed Location to Nearest Property	or Lease Line	
16.	Acres in Lease	This action is subject to technical and procedural routest purceased to 48 CPA 8188.	3 3165 1 NE /4	
18.	Distance from I	Proposed Location to Nearest Well, Dri		Lease
19.	Proposed Depti 2200'	1	20. Rotary or C Rotar	
21.	Elevations (DF, 5848'GR	FT, GR, Etc.)	22. Approx. D	ate Work will Start
23.		Total accadied	PSRUMER CERTAGNES AUTHOR CONTRACTOR CONTRACT	OFIZED AHE
24.	Authorized by:	Regulatory/Compliance Admi	inistrator Date	48
PERM	IT NO.	AI	PPROVAL DATEMA	R 0 5 page
APPR	OVED BY	Duage W. Spensor TITLE	D	ATE MAR - 6 IONA

Archaeological Report submitted

Threatened and Endangered Species Report submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3



WASCO

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102 Revised February 21, 1994 Instructions on back

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

OIL CONSERVATION DIVISION (VEG. PO Box 2088 B) (F)

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

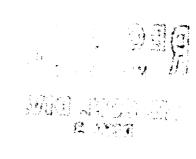
District III 1000 Rio Brazos Ad., Aztec. NM 87410 PO Box 2088 Santa Fe, NM 87504-2088

SSFED 19 11 1:07 AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PHAT

WELL LOCATION AND ACREAGE DEDICATION PLAT													
'API Number 'Pool Code					Code	Code 'Pool Name							
)-045- <i>2</i>	1538		Fu	lche	r Kutz	Pic	tured	Cliffs				
Property Code					°Property Name CORNELL					*Well Number 5R			
6928 'OGRID No.					*Operator Name					*Elevation			
			BURLI	NGT	ON RES	SOURCES		. & GAS	COI	MPANY		5848	
	14538												
UL or	lot no. Section	n Township	Range	Lot	10 Sunface L			_OCation North/South line Feet			East/West line	County	
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		11 P.	ottom	Hol	ole Location If		F Di	Different		From Surface			
u. or	lot no. Section		Range			et from the		North/South line		t from the	East/West line	County	_
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	ted Acres	G Jayount or Info	ill ¹⁴ Cons	olidation	n Code	⁵ Order No.				 -			_
	750 /95	/ 1						·-					
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												
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OPERATIONS PLAN

Well Name: Cornell #5R

Location: 970'FNL, 990'FEL Section 1, T-29-N, R-12-W

San Juan County, New Mexico

Latitude 36° 45.6', Longitude 108° 02.6'

Formation: Fulcher Kutz Pictured Cliffs

Elevation: 5848'GL

Formation:	Тор	Bottom	Contents
Surface	Nacimiento	6 36 ′	
Ojo Alamo	636'	800'	aquifer
Kirtland	800'	1642'	
Fruitland	1652'	2019'	
Upper Coal	1768'	1959'	gas
Basal Coal	1959'	2019'	gas
Pictured Cliffs	2019'		gas
Total Depth	2200'		-

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

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	Vis.	Fluid Loss
0- 120'	Spud	8.4-9.0	40-50	no control
120-2200'	LSND	8.4-9.0	40-60	no control

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

<u>Hole Size</u>	Depth Interval	<u>Csq.Size</u>	Wt.	Grade
12 1/4"	0 - 120'	8 5/8"	23.0#	M-50
6 1/4"	0 - 2200'	3 1/2"	7.7#	WC-70

Tubing Program: - none

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

3 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 @ 800'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 800'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

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

