

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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1a. Type of Work Drill		5. Lease Number NM-02989	
1b Type of Well Gas		6. If Indian, Name of Tribe or Allottee	
2. Operator Norman L. Gilbreath		7. Unit Agreement Name 30-045-29642	
3. Address & Phone No. of Operator c/o A R Kendrick Box 516, Aztec, NM 87410-0516 (505) 334-2555		8. Name or Lease Name Leslie K 4662	
4. Location of Well 1850' FNL 840' FWL, Unit E		9. Well Number 1 R	
10. Field, Pool, or Wildcat Fulcher Kutz-Pictured Cliffs Pool		11. Section, Township, & Range, Meridian, or Block 7-29N-12W	
14. Distance in Miles from Nearest Town One-half mile east of Farmington, NM		12. County San Juan	
15. Distance from Proposed Location To Nearest Property Line or Lease Line.		13. State New Mexico	
840'		16. Acres in Lease 118.32 Acres	
18. Distance From Proposed Location To Nearest Well Dr, Compl., Or Applied For On Lease.		17. Proposed Depth 1700'	
906'		19. Acres Assigned to Well 158.32	
21. Elevations (DF, RT, GR, Etc.) 5562' GR est		20. Rotary or Cable Tools Rotary	
22. Approximate Date Work Will Start. 6/15/98		23. Proposed Casing and Cementing Program: See Exhibit "C", Ten Point Compliance Plan. Exhibits attached as follows: "A" Location and Elevation Plat "B" Vicinity Map - Access Roads "C" Ten-Point Compliance Program "D" Multi-Point Surface Use Plan "E" Blowout Preventer Schematic "F" Location Profile "G" Drill Rig Layout "H" Completion Rig Layout "I" Production Facility Schematic "J" Wells Within One Mile	

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DIST. 3

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24. Signed	<i>AR Kendrick</i>	Title	Agent	Date	5-22-98
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Permit No.	Approval Date	JUN 11 1998
Approved By	Title	Date

NOTE: THIS FORMAT IS ISSUED IN LIEU OF U.S. BLM FORM 3160-3.

FARMINGTON COPY

OK

State of New Mexico
 Energy, Minerals & Natural Resources Department
 OIL CONSERVATION DIVISION
 2040 South Pacheco Street
 Santa Fe, New Mexico 87505

5/18/98 3:52
 AMENDED REPORT
 OIL CONSERVATION, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045- <i>29642</i>	Pool Code 77200	Pool Name Fulcher Kutz-Pictured Cliffs
Property Code 004662	Property (Well) Name Leslie K	Well Number 1 R
OGRID No. 15991	Operator Name Norman L. Gilbreath	Elevation 5562 GR est

Surface Location

UL or Lot E	Sec. 7	Twp. 29N	Rge. 12W	Lot Idn.	Feet from > 1850	North/South North	Feet from > 840	East/West West	County San Juan
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Bottom Hole Location If Different From Surface

UL or Lot	Sec.	Twp.	Rge.	Lot Idn.	Feet from >	North/South	Feet from >	East/West	County
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Dedication 158.32	Joint? N	Consolidation	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

<p>1850'</p> <p>840'</p> <p>#1 R</p>	<p>* Leslie K #1, 1809' FNL 1745' FWL</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>A. R. Kendrick</i></p> <p>Printed Name A. R. Kendrick</p> <p>Title Agent</p> <p>Date 5/18/98</p>	
		<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location 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.</p> <p>Date of Survey MAY 14 1998</p> <p>Signature and Seal of Professional Surveyor <i>Edgar L. Risen</i></p> <p>Certificate Number PLS #5979</p>	

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EXHIBIT A

TEN POINT COMPLIANCE PROGRAM

Norman L. Gilbreath
Leslie K #1R
1850' FNL 840' FWL, E-7-T29N-R13W, San Juan County, NM
Fulcher Kutz-Pictured Cliffs
Lease No. NM-02989

1. THE GEOLOGICAL SURFACE FORMATION IS: Nacimiento.
2. THE ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Fruitland	1225'
Pictured Cliffs	1517'
Total Depth	1700'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

<u>SUBSTANCE</u>	<u>FORMATION</u>	<u>ANTICIPATED DEPTH</u>
Gas	Fruitland	1225'
Gas	Pictured Cliffs	1517'

4. THE PROPOSED CASING PROGRAM WILL BE AS FOLLOWS:

<u>DEPTH</u>	<u>HOLE SIZE</u>	<u>O.D.</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>TYPE</u>	<u>NEW/USED</u>
0-100'	8-3/4"	7 "	27 23	K-55	ST&C	Used
0-TD	6-1/4"	4-1/2"	9.5	K-55	ST&C	Used

PROPOSED CEMENT PROGRAM: To effectively isolate and seal off all water, oil, gas and coal-bearing strata encountered by the utilization of spacers, centralizers and swirling centralizers at the base of the Ojo Alamo formation as specified by NTL-FRA 90-1 III.B and API standards; and by using cement volumes as follows:

Surface: 75 Sx neat cement - sufficient to circulate to surface.

Production: 200 Sx (236 cu ft) lite cement followed by 50 Sx (59 cu ft) neat cement - sufficient to circulate to surface.