

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division

2040 South Pacheco

Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies



AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Merrion Oil & Gas Corporation		² OGRID Number 014634
		³ API Number 30 - 345 - 30420
³ Property Code 26927	⁵ Property Name Blackshawl Com	⁶ Well No. 1

⁷ 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	36	30N	13W	ne ne	493	North	743	East	San Juan

⁸ Proposed 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
⁹ Proposed Pool 1 Fulcher Kutz Pictured cliffs						¹⁰ Proposed Pool 2			

¹¹ Work Type Code N -	¹² Well Type Code G -	¹³ Cable/Rotary R	¹⁴ Lease Type Code S -	¹⁵ Ground Level Elevation 5600' -
¹⁶ Multiple No	¹⁷ Proposed Depth 1825' -	¹⁸ Formation Pictured Cliffs -	¹⁹ Contractor L&B Speed Drill	²⁰ Spud Date When Permitted

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8 1/4"	7"	23 ppf	120'	50 sx	Surface -
6 1/2"	4 1/2"	10.5 ppf	1825' -	160 sx	Surface -

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Merrion proposes to drill 8 1/4" surface hole with native mud to approx. 120' and set 7" 23 ppf J55 surface casing, cement to surface with ~50 sx 'H' w/ 2% CaCl₂ (59 cuft). Will drill 6 1/2" hole to TD @ approx. 1825' KB with low solids non-dispersed mud. Run open hole surveys. Will set 4 1/2" 10.5 ppf J55 production casing from TD to surface. Will cement with ~100 sx 'B' 2% SMS (206 cuft) and tail in with 60 sx 'B' 2% Gel (73 cuft) cement to fill from total depth to surface (Will adjust volumes based upon caliper log). If cement does not reach surface, a temperature log or cement-bond log will be run to find top of cement.

Will test Pictured Cliffs through perforated casing. Will fracture stimulate and put on production test. Drilling operations below surface casing will be conducted with a bag-type BOP in place, minimum working-pressure - 1000 psig.

This well is located within the city limits of Farmington and a city special use permit and Oil & Gas permit will be obtained prior to commencing drilling.

A second well, the Pinon Hills Com 1E, will be drilled on the same pad.

Tops: Undifferentiated Tertiary - Surface, Ojo Alamo - 60', Kirtland - 202', Fruitland - 1232', Pictured Cliffs - 1625'.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

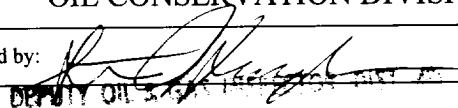
Printed name: **Steven S. Dunn**

Title: **Drilling & Production Manager**

Date: **November 10, 2000**

Phone: **505.327.9801**

OIL CONSERVATION DIVISION

Approved by: 

Title: **DEPUTY OIL & GAS ENGINEER**

Approval Date: **NOV 11 2000**

Expiration Date: **NOV 11 2001**

Conditions of Approval:

Attached ☐

NSL

State of New Mexico
Energy, Minerals & Mining Resources Department

Form C - 102

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

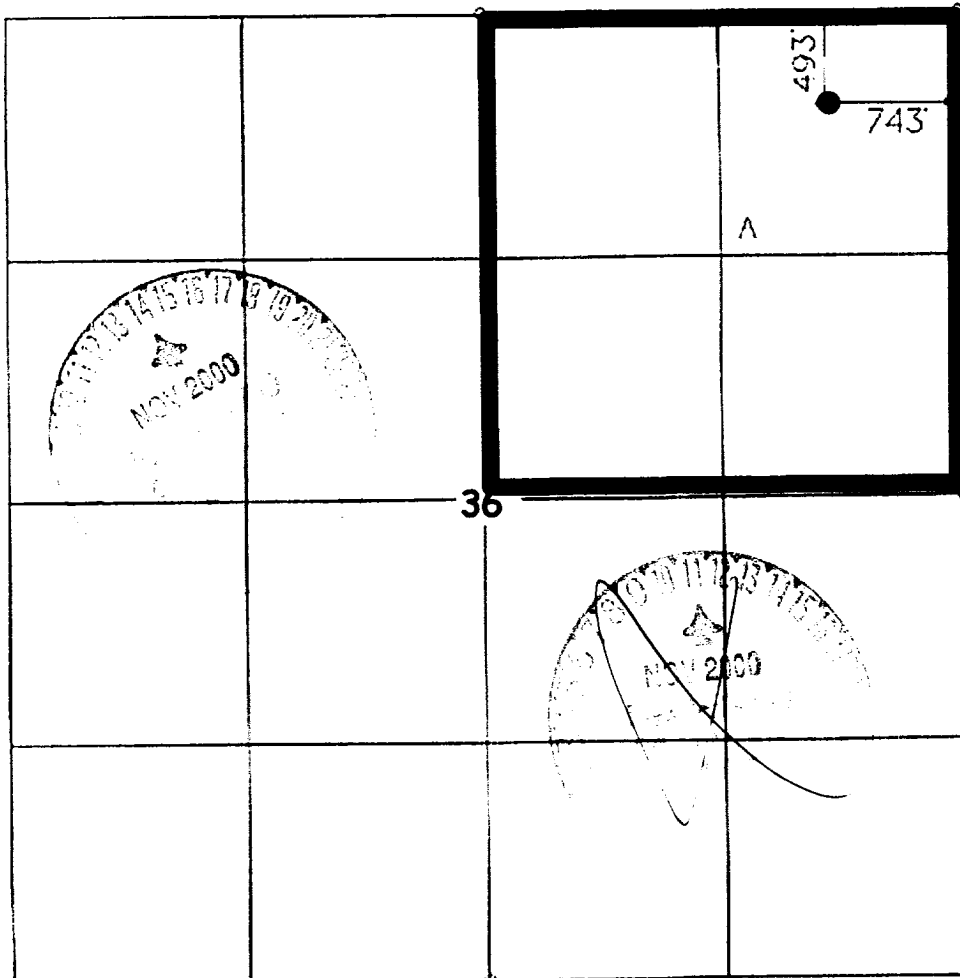
APA Number 30-045-30420	Pool Code 77200	Pool Name Fulcher Kutz
Property Code 26927	Property Name BLACKSHAWL COM	Well Number
GCRUD No. 014634	Operator Name MERRION OIL & GAS	Elevation 5600'

Surface Location									
UL or Lot A	Sec. 36	Twp. 30 N.	Rge. 13 W.	Lot Ltr. ne ne	Feet from 493	North/South NORTH	Feet from 743	East/West EAST	County SAN JUAN

Bottom Hole Location If Different From Surface									
UL or Lot	Sec.	Twp.	Rge.	Lot Ltr.	Feet from	North/South	Feet from	East/West	County

Dedication 160	Joint? Y	Consolidation C	Order No. Communitization in Progress
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NO ALLOWABLE WELL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Steven S. Dunn</i> Printed Name: Steven S. Dunn Title: Drilling & Production Manager Date: November 10, 2000	
SURVEYOR CERTIFICATION 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. Date of Survey: OCTOBER 2000 Signature: <i>Gerard R. Rudleston</i> Professional Surveyor State of New Mexico 6844 REGISTERED LAND SURVEYOR	

493' fnl & 743' fel (ne ne)
Sec 36, T30N, R13W, NMPM
San Juan County, New Mexico

