

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 30 1996

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Durango, Colorado

1a. Type of Work DRILL	5. Lease Number I-22-IND-2772 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe Ute Mountain Ute
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Ute 7618 9. Well Number 22
4. Location of Well 2000' FNL, 1925' FEL* resurveyed Latitude 36° 59' 24", Longitude 108° 19' 46"	10. Field, Pool, Wildcat Barker Dome Desert Creek 71560 11. Sec., Twn, Rge, Mer. (NMPM) 6 Sec 17, T-32-N, R-14-W 94353 API # 30-045-29395-
14. Distance in Miles from Nearest Town 11 miles to LaPlata	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1925'	16. Acres in Lease
17. Acres Assigned to Well #320 All Sec 8; N/2 Sec 17 only	
18. Distance from Proposed Location to Nearest Right of Way, Comp. or Applied for on this Lease 3500'	19. Proposed Depth 8365'
20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6236'	22. Approx. Date Work will Start 3rd quarter 1996
23. Proposed Casing and Cementing Program See Operations Plan attached Venting / Flaring approved for 30 days per NTL-4A	24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator

APPROVED FOR A PERIOD
NOT TO EXCEED 1 YEAR.

5-28-96
Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY (s) Jim Lovato TITLE AREA MANAGER DATE JUL 23 1996
ACTING

Archaeological Report submitted by LaPlata Archaeological Consultants LAC 9359a&b
Threatened and Endangered Species Report submitted

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

C-104 For NSL @

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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-102
Revised February 21, 1994
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 30-045-29395		Pool Code 71560 96353	Pool Name Barker Dome Desert Creek
Property Code 7613	Property Name Ute		Well Number 22
OGRID No. 14538	Operator Name MERIDIAN OIL INC.		Elevation 6236'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	17	32 N	14 W		2000	North	1925	East	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

13 Dedicated Acres 527.320	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 1634.16' 5278.68 2000' 1641.42' 2640.00' 1925' I-22-IND-2772 DIST. 3 17	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory/Compliance Admin Title 5-28-96 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. 11-4-94 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

May 10, 1996

OPERATIONS PLAN

Well Name: Ute #22
Location: 2000' FNL, 1925' FEL*resurveyed, Section 17, T-32-N, R-14-W
San Juan County, NM
Formation: Barker Dome Desert Creek
Elevation: 6236' GR

Formation:	Top	Bottom	Contents
Surface	Menefee	163'	
Point Lookout	163'	645'	fresh water
Mancos	645'	1658'	
8 5/8" surface casing	895'		± 250' into Mancos
Niobrara	1658'	2320'	
Greenhorn	2320'	2400'	
Graneros	2400'	2446'	
Dakota	2446'	2714'	gas
Morrison	2714'	3213'	fresh water
Junction Creek	3213'	3579'	salt water
Summerville	3579'	3673'	
Todilto	3673'	3685'	
Entrada	3685'	3787'	salt water
Chinle	3787'	5256'	
Cutler	5256'	6845'	
Hermosa	6845'	7968'	
Ismay	7968'	8160'	gas (potentially 100-1580 ppm H ₂ S)
Desert Creek	8160'	8263'	gas (potentially 4-11,900 ppm H ₂ S)
Akah	8263'	8428'	
Upper Barker Creek	8428'		gas (potentially 0-12,000 ppm H ₂ S)
Total Depth	8365'		

Logging Program:

Mud logs - Niobrara to Total Depth
Wireline Logs - AIT, LDT-APS, DSSI, FMI - to Total Depth

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>Fluid Loss</u>
0 - 90'	Air	N/A	N/A	N/A
90 - SCP	Spud	8.4-8.9	40	No Control
SCP-T.Ismay	Fresh Water	8.4-8.6	26-30	No Control
T.Ismay-TD	LSND/Dispersed	8.4-9.0	36-50	Less than 12

Casing Program: (all casing will be new)

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
26"	0' - 90'	16"		Conductor
12 1/4"	0' - 895'	8 5/8"	24.0#	K-55 LT&C
7 7/8"	0' - 8365'	5 1/2"	17.0#	L-80 LT&C

Tubing Program: 0' - 8365' 2 7/8" tubing

