

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 SF-078207 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
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 7224 King 9. Well Number 3
4. Location of Well 1025' FSL, 1740' FEL Latitude 36° 47.6, Longitude 107° 52.1	10. Field, Pool, Wildcat 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec 22, T-30-N, R-10-W API # 30-045-29329
14. Distance in Miles from Nearest Town 5 miles to Aztec, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1025'	
16. Acres in Lease	17. Acres Assigned to Well 323.22 E/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 700'	
19. Proposed Depth 7525'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6218' GR	22. Approx. Date Work will Start 4th quarter 1995
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by:  Regional Drilling Engineer	Date 12/1/95

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE

DATE _____

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

RECEIVED
DEC 15 1995

APPROVED
AS AMENDED

OH CON. DIV.
DIST. 3

DEC 11 1995

DISTRICT MANAGER

NMCCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Branco 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

1 API Number 30-045-29329		1 Pool Code 71599		1 Pool Name Basin Dakota	
1 Property Code 7224		1 Property Name King			1 Well Number 3
1 OGRID No. 14538		1 Operator Name MERIDIAN OIL INC.			1 Elevation 6218'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	22	30N	10W		1025	South	1740	East	S.J.

11 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

12 Dedicated Acres E/323.22	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					17 OPERATOR CERTIFICATION				
					I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief				
					Signature Peggy Bradfield Printed Name Regulatory Administrator Title 11-1-95 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. 10-10-95 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number				

OPERATIONS PLAN

Well Name: King #3
Location: 1025' FSL, 1740' FEL Section 22, T-30-N, R-10-W
 San Juan County, NM
 Latitude 36° 47.6, Longitude 107° 52.1
Formation: Basin Dakota
Elevation: 6218' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1481'	
Ojo Alamo	1481'	1621'	aquifer
Kirtland	1621'	2281'	
Fruitland	2281'	2806'	gas
Pictured Cliffs	2806'	2956'	gas
Lewis	2956'	3541'	
Intermediate TD	3156'		
Huerfanito Bentonite	3541'	3591'	gas
Navajo City	3591'	3796'	gas
Otero	3796'	4850'	gas
Massive Cliff House	4850'	4581'	gas
Menefee	4581'	5066'	gas
Point Lookout	5066'	5426'	gas
Mancos	5426'	6311'	
Intermediate TD	5626'		
Gallup	6311'	7046'	gas
Greenhorn	7046'	7096'	
Graneros	7096'	7241'	
Dakota	7241'	7421'	gas
Morrison	7421'		hydrocarbons
Total Depth	7525'		

Logging Program:
 Openhole Wireline Logging -
 DIL/LDT/CNL/Temp/NGT/GR/CAL/FMS
 Mud logs from 3156' to Total Depth

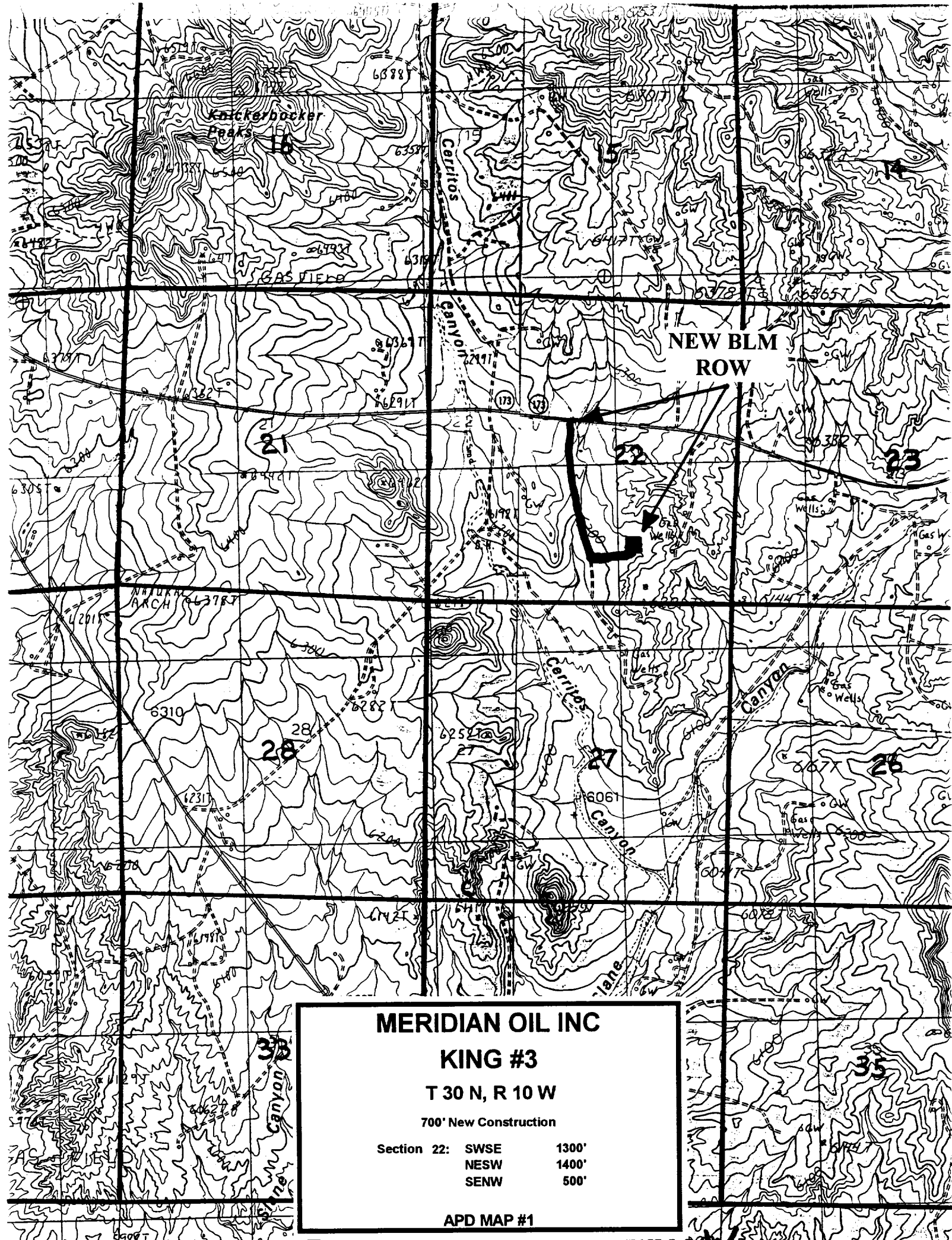
Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-8.9	40-50	no control
200-3156'	LSND	8.4-9.1	30-60	no control
3156-5626'	Gas	n/a	n/a	n/a
5626-7525'	Gas/LSND	8.7-9.0	40-50	10-15 cc/30 min

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
17 1/2"	0' - 200'	13 3/8"	48.0#	H-40
12 1/4"	200' - 3156'	9 5/8"	36.0#	K-55
8 3/4"	3006' - 5626'	7"	23.0#	K-55
6 1/4"	5476' - 7525'	4 1/2"	11.6#	N-80

Tubing Program:
 0' - 7525' 2 3/8" tubing



MERIDIAN OIL INC

KING #3

T 30 N, R 10 W

700' New Construction

Section 22:	SWSE	1300'
	NESW	1400'
	SENW	500'

APD MAP #1