UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 2: 1!

1a.	TYPE OF WORK	5.	LEASE NUMBER	LE ALCO LE ALCO
1 L	PLUG BACK TYPE OF WELL	ł	58-07/382	
ID.	GAS	6.	IF INDIAN, ALL. OR	TRIBE NAME
2.	OPERATOR	- -7.	UNIT AGREEMENT NAME	
	MERIDIAN OIL INC.			
3.	ADDRESS & PHONE NO. OF OPERATOR	8.	FARM OR LEASE NAME	
	P.O. BOX 4289		HARGRAVE	
	FARMINGTON, NM 87499 (505) 326-9700	9.	WELL NO. #1	
4.	LOCATION OF WELL	$\overline{10.}$	FIELD, POOL, OR WIL	DCAT
	990' FSL; 990' FEL		BASIN FRUITLAND COA	
		11.	SEC. T. R. M OR BLK	
		P	SEC. 04, T27N, R10W	į
14.	DISTANCE IN MILES FROM NEAREST TOWN	12.	COUNTY 13. SAN JUAN	STATE NM
15.	DISTANCE FROM 16. ACRES IN LE	EASE	17. ACRES ASSIGN	ED TO WELI
	PROPOSED LOCATION		320.00	
	TO NEAREST PROPERTY			
	OR LEASE LINE.		20 ROTARY OR CA	F M
18.	DISTANCE FROM 19. PROPOSED DE	PTH	20 ROTARY OR CA	BLIN FOOLS
	PROPOSED LOCATION		MAY21 1990	
	TO NEAREST WELL DR. COMPL., OR APPLIED			
	FOR ON THIS LEASE.		OIL CON. DI	V.
	Tott off This hards.		DIST. 3	
21.	ELEVATIONS (DF, FT, GR, ETC.) 6179' GL	22	. APPROX. DATE WORK	WILL START
23.	PROPOSED CASING AND CE	MENT	ING PROGRAM	
	*SEE OPERATIONS PL	AN		
24.	AUTHORIZED BY: Seas Halfull (SHL)		5-10	-90
	REGULATORY AFFAIRS		DATI	€
PERMI	TT NO APPROVAL DATE _			
APPRO	OVED BY TITLE		DATE	
NOTE:	· · · · · · · · · · · · · · · · · · ·	FORI	M 3160-3.APPROV	ED
	(NO ADDITIONAL DIRT WORK WILL BE REQUIR	ED)		
			MAY 1 4 199	
	and the series to the series of the series		Ken Townser Toranea Manag	ng iER
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Submit to Appropriate District Office State Lease - 4 copies For Lease - 3 copies

State of New Mexico Energy, Minerais and Natural Resources Department

Ferm C-102 Revised 1-1-89

7 J P. 2: 11

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

Friends 6730-2086

DISTRICT III
1000 Rio Brizzos Rd., Azzec, NIM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

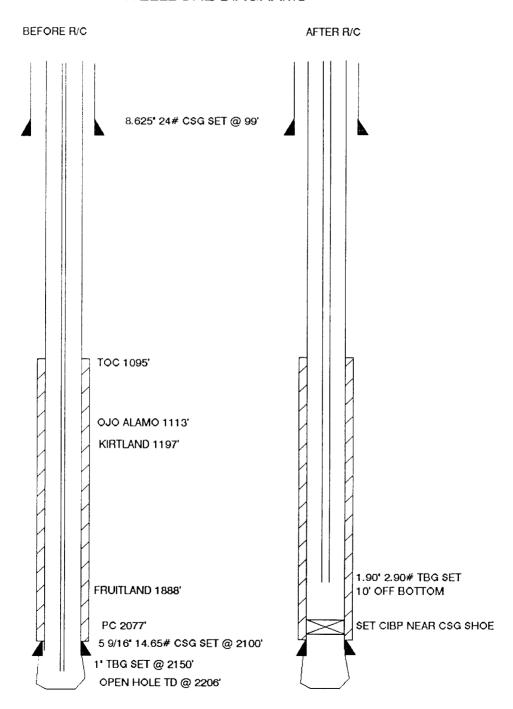
1. Outline the accessed electronic to the support would by colored peaced or hackness marine on the piet below. 2. If more than one iman a desirinated to the well, outline each and identify the ownership thereof (both as to working marine and royalty). 3. If more than one iman of different ownership is desirinated to the well, have the interest of all owners been consolidated by communication, force-pooling, etc.? Yes. No. If marine a "Yes" the ownership t				section	ies of the s	boundar	from the outer	stances must be	All Dist			
The Later P 4 Townships County Coun	**** · · · · · · · · · · · · · · · · ·	1	i	-077382	(SF-	rave			•	il Inc.	ian Ci	
South Sout					, 51				Township		Section	it Letter
foot from the South Item and 990 feet from the East time and 1979. Producing Formation Pool Basin 320.7 1. Outline the acrosspe declinated to the autyput well by outcome pencul or inclinate marks on the pint below. 2. If more than one lease is declinated to the well, outline each and identify the ownership thereof (both as so working marked and royalty). 3. If more than one lease is declinated to the well, have the interest of all ownership thereof (both as so working marked and royalty). 3. If more than one lease is declinated to the well, have the interest of all ownership thereof (both as so working marked and royalty). 3. If more than one lease of different ownership is declinated to the well, have the interest of all ownership thereof (both as so working marked and royalty). 4. If more than one lease of different ownership is declinated to the well, have the interest of all ownerships there committed the committed of the form it is not ownership to the well until all interests have been committed by committed on the ownership of the formation, unitation, forced-pooling, or otherwise) or total a non-interest true, elements have been committed by committed by committed and of one of the property of the late of the part		Juan	San	NMPM	t	Wes	10	orth	27 No	<u>'</u>	Į ·	P
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RECOMPLETION PROCEDURE HARGRAVE #1

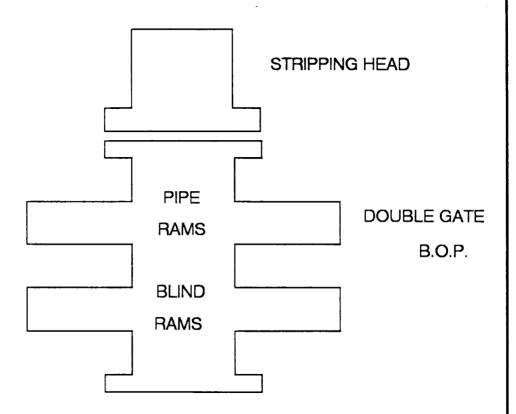
- 1. MOL and RU. ND wellhead. NU BOP.
- 2. TOOH with tubing.
- 3. Run GR-CCL-CNL across coal. Pick perforations from log.
- 5. Set a 5 1/2" CIBP as close to the bottom Fruitland coal perforation as possible. Pressure test casing to 1000 psi for 15 minutes.
- 6. Perforate across coal.
- 9. TIH with 1 1/2" tubing and clean out to CIBP.
- 10. Land 1 1/2" tubing one joint off bottom. Land tubing above bottom perforation. Swab well in. Record final 30, 45, and 60 minute gauges on morning report. ND BOP. NU tree. RD and release rig.

HARGRAVE #1

WELLBORE DIAGRAMS



WORKOVER / RECOMPLETION B.O.P. SCHEMATIC



MINIMUM: 6" 2000 PSI DOUBLE GATE B.O.P.

MAXIMUM ANTICIPATED SHUT-IN WELLHEAD

PRESSURE IS LESS THAN 2000 PSI

LAND SUMMARY PLUGBACK AND RECOMPLETE

		Prop	р No.:						
Well Name Hargrave #1	Critical Well:	No File	e No. <u>N</u>	IM 248					
Current Formation: Pictured Cliffs	Objective Forma	tion: F	ruitland	Coal					
* E/2 (FR) Dedication Description: $\frac{* E/4 (PC)}{* E/4 (PC)}$	Section 4 To	ownship .	27 N Ra	ange 10W					
320.00 (FR) Number of Acres Dedicated: 160.00 (PC) County: San Juan State: New Mexico									
Well Location: SE/4 SE/4 Operator: Meridian Oil Inc. for EPPC									
Subject to GLA No.: No		L:	itigated:	N/A					
EPPC - G.W.I. 50.00% EPPC - G.W.I. 100.00%	FR PC		42.75% 82.50%						
Type of Consolidation: Comm Ag. N/A PC; Need FR Unitization N/A									
Need A.F.E.: Yes-FR Oper. Agmt.: None PC; Need FR ** Non-consent Penalty: N/A									
Election Time Under J.O.A.: N/A	A.F.E. Limit:	N/A	A						
Outside Owners Cost Bearing Interest:									
NAME: ADDRESS:		INFO REG	•	INTEREST %					
Amoco/Conoco N/A		N/A		50.00%					
Copas Provisions: Overhead Rate - Drilling \$ ** Producing \$ **									
Annual Adjustment:** Employee Benefits (Max./%)**									
Remarks and Agreement References: **To be negotiated (FR). EPPC ownership remains the same for S/2 dedication with Amoco as partner.									
Status of Title: <u>Title Opinions dated 2/23/52 and 8/20/52 show EPNG with good title from surface to base of Pictured Cliffs</u> .									
Description of Dedicated Leases:									
FILE NO. GLA LEASE NAME		FROSS ACRES	NET ACRES	EXP. DATE					
NM-248 No USA SF 077382	SE/41	60 .00	<u>160.00</u>	НВР					
Amoco N/A Not Available	NE/4 1	. 60 .00	0.00	НВР					
Requested by: Rob Stanfield Prepared/Posted by: D.M. Poage Date: 05/03/90									
OBO - Need Property Number: No Sent: N/A									
		-	USA						