STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

October 31, 1990

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

Maralex Resources, Inc. 518 17th Street Suite 1030 Denver, CO 80202

Attention: A.M. O'Hare

Administrative Order NSL-2922

Dear Mr. O'Hare:

Reference is made to your application dated October 5, 1990 for a non-standard coal gas well location for your Hammond W.N. Federal Well No. 10 to be located 690 feet from the South line and 1145 feet from the West line (Unit M) of Section 26, Township 27 North, Range 8 West, NMPM, Basin Fruitland Coal (Gas) Pool, San Juan County, New Mexico. The W/2 of said Section 26 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 8 of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool as promulgated by Division Order No. R-8768, the above-described unorthodox coal gas well location is hereby approved.

Sincerely,

William J. LeMay

Director

WJL/MES/ag

cc: Oil Conservation Division - Aztec

US Bureau of Land Management - Farmington

in Wight

NOV 0 6 1990 OIL CON. DIV DIST. 3 Min : E. Bane a 10/11/90



518 17th St., Suite 1030 Denver, Colorado 80202 (303) 571-4220

October 5, 1990

State of New Mexico
Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Attn: William J. Lemay

OCT 1 2 1990 OIL CON. DIV.

Re:

Unorthodox Location 1.3
Hammond W.N. Federal No. 10
SW Sec. 26, T27N, R8W
San Juan County, NM

Gentlemen:

Maralex Resources, Inc. (Maralex) hereby submits the following application in triplicate for an unorthodox location for the subject well. ARCO Oil and Gas has previously submitted a permit application (see Attachment No. 1) for the subject well with the Bureau of Land Management.

The proposed well is located 690' from the south line and 1145' from the west line of Section 26. Attachment No. 2 is a completed C-102. A suitable location for the well could not be found in the southwest quarter of Section 26 due to the topography. Directional drilling of the well is not feasible due to the shallow total depth and the distance from a legal location to the surface location required due to the above mentioned cause.

Topographic obstructions, as shown on Attachment No. 3 include the steep terrain and cliffs leading from Blanco Mesa into Largo Canyon. Although there is one existing well within the orthodox location window, there is not sufficient room on the existing pad for another drilling location.

Attachment No. 4 shows existing wells in the area and all offset operators. To the best of our knowledge, the information on this map is current and correct. None of the offsetting wells are currently producing from the Basin Fruitland Coal pool.

By copy of this letter sent through certified mail, the offset operators are being notified of this application for unorthodox location. They are being requested to return to

the NMOCD an executed waiver of objections to the unorthodox location that is provided at the end of this letter. Maralex will submit to the NMOCD the return receipt cards signifying receipt by the offset operators of this notification as soon as they are returned to us.

By virtue of our purchase of ARCO's operating rights to the Fruitland Formation in all of Township 27 North, Range 8 West, San Juan County, New Mexico, Maralex is now the operator of the shallow rights designated under ARCO on Attachment No. 4.

Please call me at (303) 571-4220 at your earliest convenience if any additional information is required for processing of this application.

Sincerely,

A. M. O'Hare, P.E.

President

Maralex Resources, Inc.

Cc: Great Lakes Chemical, Certified
Western Oil & Minerals Ltd., Certified
Bureau of Land Management,
Farmington Resource Area

If you have no objection to the proposed unorthodox location, please sign the waiver below and forward to the NMOCD in the envelop provided.

WE HEREBY WAIVE OUR RIGHT TO OBJECT TO THE UNORTHODOX LOCATION PROPOSED IN THIS APPLICATION BY MARALEX RESOURCES, INC.

	Company Name	
	BY:	
	Date:	
Attachments		

Attachments

Form 3160-3 (November 1983 (formerly 9-331C)

Attachment Noil

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

(Other instructions on reverse side)

Form approved.

Budget Bureau No. 1004-0136 Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

<u>.</u>		MANCEMENT				
				SF - 078480		
APPLICATION F	OR PERMIT TO DRIL	L DEEPEN, OR PL	UG BACK	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME	
1a. TYPE OF WORK	DRILL X DEER			NONE		
b. TYPE OF WELL	DINEELL DELF	LIVE FLOG DA		7. UNIT AGREEMENT N	AME	
		SINGLE CO	1111 TIOL E			
OIL GAS WELL WELL	X OTHER	ZONE X	MULTIPLE	8. FARM OR LEASE NAM	ΙE	
2. NAME OF OPERATOR				. Hammo	ond W.N Federal	
ARCO Oil and (Gas Company, a Divisio	n of Atlantic Richfield	Co.	9. WELL NO.		
3. ADDRESS OF OPERATOR	3			#10		
P.O. Box 1610, Midiand, Texas 79702		10. FIELD AND POOL, OR WILDCAT				
4. LOCATION OF WELL (Report clearly and in accordance with any State requirements.)			Basin-Fruitland Coal Gas			
At surface 690' FSL & 1145' FWL (Unit Letter M)			11. SEC., T., M., OR BLK.			
At proposed Pro	d. zone Approximately t	the same	,	AND SURVEY OR AREA		
				Sec 26, T27N-F	78W	
	AND DIRECTION FROM NEARES			12. COUNTY	13. STATE	
approximate	ly 22 miles SE of Bland	co, New Mexico		San Jaun	NM	
PHOPERTY OR LEASE LINE, FT.		18. NO. OF ACRE	S IN LEASE	17. NO. OF ACRES AS		
		2560	2560		TO THIS WELL 320. W/2	
8. DISTANCE FROM PROP	OSED LOCATION TO NEAREST W	/ELL. 19. PROPOSED DE	PTH	20. ROTARY OR CABL		
DRILLING. COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			2460°		Rotary	
1. ELEVATIONS (Show wh	ether GH or KB)	248		1	•	
-	-,			22. APPHOX. L	ATE WORK WILL START	
6650.0	'GR			Spud 1	1/90	
23.	PROPO	SED CASING AND CEM	ENTING PROGR			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DI	PTH QUANTITY	OF CEMENT 113	
12-1/4"	8-5/8"	24#	500'	384 c	uft/325 SX	
7-7/8"	5-1/2"	15.5#	2460'		uft/330 SX	

It is proposed to drill a 12-1/4" hole to 500' using fresh water spud mud. After setting surface casing, the shoe will be drilled out with a 7-7/8" bit, continuing to TD. A low solids, fresh water gel/polymer mud system will be utilized. A water loss of less than 20cc will be maintained and a mud weight of 9.5 ppg will be used to balance the 1600 psi Fruitland pore pressure. At TD, open-hole logs consisting of GR/CAL/FDC will be run and 5-1/2" production casing will be set and cemented to surface.

Pursuant to the "Onshore Oil and Gas Order #1" attachments are as follows:

- 1. Certified Location Plat
- 2. Drilling Plan with attachments
- 3. Surface Use Plan with attachments

IN ABOVE SPACE DESCRIBE PROPOSED PROGAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

program, n any.		
signed Len av Gosnell	115 688-5672 TITLE Regulatory Poordinator	DATE 9-14-90
(This space for Federal or State Use)		
PERMIT NO.	APPROVAL DATE	
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency of the United States any false, ficticious or fraudulent statements or representations as to any matter within its jurisdiction.

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION DISTRICT | P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator				THE SECUCION	
ARCO O	il and Gas Cor	npany	Lease	_	Well No.
Unit Leuer	Section	Township	Hammond W.N.	Federal	10
М	26	27 North	Range	Count	y
Actual Footage Loc	1	27 1401 (11	8 West	NMPM	San Juan
690		South			
Ground level Elev.	feet from the	lipe an		feet from the	West
6650		ing Formation	Pool		Dedicated Acreage:
	Froi	tiand	Basin-Fruitland	Coal Gas	320 Acres
i. Calaba	e nie scieste dedica	ed to the subject well by colored	pencil or hachure marks on the plat	below.	DAO ALIES
			and identify the ownership thereof (
		The state of the s	indicated in the ownership thereof (both as to working interes	st and royalty).
3. If more	than one lease of d	ifferent ownership is dedicated to	the well, have the interest of all ow	mers been consolidated by	V. Communities tion
<u>uaiuza</u> i	tion, force-pooling, e	_			Communication,
If answer		No If answer is "yes"	type of consolidation		
this form	if neccessary.	es and tract descriptions which ha	we actually been consolidated. (Us	e reverse side of	
No allows	ble will be assigned	to the well until all interests have	been consolidated (by communitiz	etian mairinnainn for a	
or until a	non-standard unit, el	iminating such interest, has been i	approved by the Division.	auon, unitization, forced-	pooling, or otherwise)
				· · · · · · · · · · · · · · · · · · ·	
	!				RATOR CERTIFICATION
	I	<i>Y</i>	İ	/ / /	reby certify that the information
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	1	Section 26	i		
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	İ	r ·	i i	supervison,	and that the same is true and
	i		l l		the best of my knowledge and
•	i		ļ	belief.	
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					August 13, 1990
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