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UNITED STATES DEPARTMENT OF THE INTESION RECEIVED A BUREAU OF LAND MANAGERINT APPLICATION FOR PERMIT TO DRILL'OR RECEIVED A  APPLICATION FOR PERMIT TO DRILL'OR RECEIVED A  APPLICATION FOR PERMIT TO DRILL'OR RECEIVED A  II. Type of Work: DRILL REENTER  II. Type of Work: DRILL REENTER  III. Type of Work: DRILL RE	: Form 3160-3	(35)	<b>A</b> 70.		FORM APPROY		•	
Type of Work:   Oil Well   REENTER	(August 1999)	\@ @	act orig	15			i	
Type of Work:   DRILL   REENTER   R. LEAR Name and No			TOTAL	ಪ∖	5. Lease Serial No.		<del></del>	
Type of Work:   DRILL   REENTER   R. LEAR Name and No		CHARLOK TIMENTOK	RECEIVED	4			İ	
In Type of Work:		71/202	OCD - ARTES	57/		be Name	<del>'</del>	
to. Type of Well: Oil Well (I Gos Well   Other   Single Zone   Melitiple Zone   Pive Mile Tank   Rev   Fed. #3  2. Name of Operator   Mekky Oil Corporation   Melitiple Zone   Single Zone   Melitiple Zone   Pive Mile Tank   Rev   Fed. #3  2. Name of Operator   Mekky Oil Corporation   Melitiple Zone   Single Zone   Melitiple Zone   Pive Mile Tank   Rev   Fed. #3  2. Name of Operator   Mekky Oil Corporation   Melitiple Zone   Meli	APPLICATION FOR PERMIT TO DE	ALT CON !	REENTEH	Ş/				
Single Zene   Multiple Zene	T (1) A	<del></del>	E>	/	7. If Unit or CA Agreement,	Name and No		
1. Type of Well   Cit Well   Cit Gas Well   Other   Single Zone   Multiple Zone   Pive Mile Tank "B" Fed   §3   Service of Operation   Meks   Oil Corporation   Oil Corpo	12. Type of work: EM DRILL TREENTE	K	- 10 TO A TO		261	739	i	
2. Name of Operation  MCKsy 011 Corporation  MCCorporation  MCCo							1	
McKay 0:11 Corporation    32		u `	oingle Zone U Multi	ple Zone		<u>"B" Fed</u>	<u>.i_#</u> 3	
33. Address   P.O. Box 2014   13b. Phone No. (Include area code)   10. Field and Pool, or Exploratory   11. Sec. T. R. M. or Silks and Survey or Area   12. Charles   17 - T6S   R23E   N.M.F.M.   13. State   17 - T6S   R23E   N.M.F.M.   13. State   17 - T6S   R23E   N.M.F.M.   13. State   15. Distance in miles and direction from perspect of the "   12. County or Farish   13. State   15. Distance in miles and direction from perspect of the "   16. No. of Acres in lease   17. Spacing Unit dedicated to this well location to nearest property or lease line. It amy   16. No. of Acres in lease   17. Spacing Unit dedicated to this well location to nearest property or lease line. It amy   16. No. of Acres in lease   17. Spacing Unit dedicated to this well location to nearest property or lease line. It amy   18. No. of Acres in lease   18. No. of Acres in lease   19. Spacing Unit dedicated to this well location to nearest property or lease line. It amy   18. No. of Acres in lease   19. Spacing Unit dedicated to this well location to nearest property or lease line. It amy   18. No. of Acres in lease   18. No. of Acres in lease   19. Spacing Unit dedicated to this well location in nearest orig with line. It amy   18. No. of Acres in lease   18. No. of Ac		/				- 632	93	
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Vice President  Approved by (Signature)  /S/LARRY D. BRAY  Title  Assistant Field Manager,  Lands And Minerals  Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  Conditions of approval, if any, are attached.  Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	25. Signargre MA O O O	Nam	e (Printed/Typed)					
Vice President  Approved by (Signature)  /S/LARRY D. BRAY  Title  Assistant Field Manager,  Lands And Minerals  Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  Conditions of approval, if any, are attached.  Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	_ (B) LU, // (Jaka)	,	Bill J. Mils	tead	! 2	- 4 - 00	<u>) !                                     </u>	
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Notify OCD at SPUD & TIME to witness comenting the casing.

APPROVAT SUBJECT JU
GENERAL REQUIREMENTS
SPECIAL STIPULATIONS
ATTACHED

Result of Later Mark

SWEEP-N b #: 53

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

# State of New Mexico Finergy, Minerals and Natural Resources Depar

Form C-102 Revised 1-1-89

# OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

DISTRICT DI 1000 Ro Brizos Rd., Artec. NM 87410

DISTRICT | P.O. Box 1980, Hobby NM 86240

WELL LOCATION AND ACREAGE DEDICATION PLAT

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### PERTINENT INFORMATION

#### **FOR**

MCKAY OIL CORPORATION FIVE MILE TANK "B" FED. #3 SW/4SE/4 of Sec. 17, T-6S, R-23E Chaves County, New Mexico

**LOCATED**: 23 air miles Northwest of Roswell, NM. **LEASE NUMBER:** NM-32323A **LEASE ISSUED:** November 1, 1978 **RECORD LESSEE:** McKay Oil Corporation McKay Children's Trust **BOND COVERAGE:** Operator's \$25,000 Statewide **AUTHORITY TO OPERATE:** Assignment of Operating Rights **ACRES IN LEASE:** 1,360.00 acres, more or less **SURFACE OWNERSHIP:** Fee **OWNER: USA-BLM POOL RULES:** General Statewide Rules **EXHIBITS**: A. Road and Well Map B. Contour Map / C. Rig Layout > D. BOP Diagram

E. Lease Map

F. Location Topography

### SUPPLEMENTAL DRILLING DATA

MCKAY OIL CORPORATION FIVE MILE TANK "B" FED. #3 SW/4SE/4 of Sec. 17, T-6S, R-23E Chaves County, New Mexico

The following items supplement Form 3160-3 in accordance with instruction contained in Onshore Oil and Gas Order No. 1:

1. SURFACE FORMATION: San Andres

## 2. ESTIMATED TOPS OF GEOLOGICAL MARKERS:

Yeso - 876' Tubb - 2372' Abo - 2600'

### 3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATIONS:

Fresh Water - In surface formation above 600' Gas - In Abo Formation below 2600'

#### 4. PROPOSED CASING PROGRAM:

12-1/4" hole 8-5/8" X-42 23# 900'+ 950'
7-7/8" hole 4-1/2" J-55 10.5# TD

SWC

### 5. PROPOSED CEMENTING PROGRAM:

Surface to 900' class "C" - 350 sxs cemented and circulated

to surface.

Production Casing class "C" - 300 sxs cemented with adequate

cover.

#### 6. PROPOSED DRILLING PROGRAM:

McKay Oil Corporation proposes to drill and test the ABO formation. Approximately 900' of surface casing will be set and cemented to surface. 4-1/2" production casing will be set and cemented with adequate cover, perforated and stimulated as needed for production.

- 7. PRESSURE CONTROL EQUIPMENT: Blowout preventer will consist of 2000, Rotary Head with a rotating rubber with 1,000#WP and 1,000# test 2000 pressure and a steel Bloocy Line with 1,000#WP valve. A sketch of the BOP is attached.
- 8. CIRCULATION MEDIUM: Air Drilling
- 9. <u>AUXILIARY EQUIPMENT</u>: Full-opening drill string safety valve fit for the drill string in use, will be kept on the rig floor at all times.
- 10. TESTING, LOGGING AND CORING PROGRAM:

Samples: Catch samples from surface to TD.

DST's: None.

Logging: GR-CNL, Dual Lateral MSFL from

surface to TD.

Coring: None.

- 11. <u>ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE</u>: None anticipated.
- 12. <u>ANTICIPATED STARTING DATE</u>: On or before <u>March 20, 2000</u>

  Drilling should be completed within 15 days. Completion operations (perforations and stimulation) will follow drilling operations.

## MULTI-POINT SURFACE USE AND OPERATIONS PLAN

MCKAY OIL CORPORATION FIVE MILE TANK "B" FED #3 SW/4SE/4 of Sec. 17, T-6S, R-23E Chaves County, New Mexico

#### NM 32323A

This plan is submitted with the application for permit to drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

### 1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a road map showing the location of the proposed well is staked. The well is approximately 23 miles north of Roswell, NM.
- B. <u>Directions</u>: Heading North out of Roswell, New Mexico on U.S. 285 for approximately 23 miles and turn left on county road just before mile marker 137 (Stargrass Road). Go approximately 2.0 miles, then turn north for approximately 1/4 mile on the access road to the Five Mile Tank Fed. #3, turn west for approximately 1/4 mile to location.

### 2. PLANNED ACCESS ROAD:

- A. Length and Width: 1/4 mile long and 20' wide.
- B. Surface Materials: Sand, gravel and caliche where needed.
- C. Turnouts: None
- D. Maximum Grade: No more than 3%.
- E. <u>Drain Design</u>: Road will have drainage ditches on both sides and a crowned top, with culverts and/or low water crossings as necessary.
- F. Culverts: None.
- G. Cuts and Fill: None.

- H. Gates, Cattleguards: None needed. Already in place.
- I. Top Soil: Very little.

# 3. LOCATION OF EXISTING WELLS:

A. A map indicating the location of adjacent wells is attached.

# 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A: <u>See Exhibit "A"</u> for location of existing lease wells. If the well is commercial, production facilities and tank battery will be constructed.
- B. <u>Cuts and Fills</u>: Less than 10' of cut and fill will be required for the pad size of 258' x 350'. (See Exhibit "F")
- C. <u>Top Soil</u>: Any top soil which can sustain plant vegetation will be bladed and piled for future rehabilitation.

# 5. LOCATION AND TYPE OF WATER SUPPLY:

A. Water will be purchased from a commercial source and trucked to the location over existing and proposed access roads.

# 6. SOURCE OF CONSTRUCTION MATERIALS:

A. Closest Pit to the location.

# 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
- C. Water produced during test will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.

- E. Trash, waste paper, garbage, and junk will be placed in portable receptacles and hauled from the location upon completion of drilling and completion operations.
- F. All trash and debris will be removed from the well site within 30 days after finishing drilling and/or completion operations.

## 8. ANCILLARY FACILITIES:

A. None necessary.

## 9. WELL SITE LAYOUT:

- A. Exhibit "C" indicates the relation location and dimensions of the well pad, mud pits, reserve pit and major rig equipment.
- B. The location slopes very slightly to the east and southeast.
- C. The reserve pit will be lined with plastic to prevent loss of water.

# 10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the well site in an aesthetically pleasing conditions as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. If the well is non-productive or abandoned, the disturbed area will be rehabilitated using the preserved soil mentioned in 2.I. and 4.C.

## 11. OTHER INFORMATION:

- A. <u>Topography</u>: The topography is a gradual slope to the south in the vicinity of the access road and south-southwest in the vicinity of the drill pad. Regional slope is south-southwest toward the Arroyo del Macho which is south-southwest of the location.
- B. Soil: Sandy loam with limestone outcropping.

- C. <u>Flora and Fauna</u>: The flora consists of typical desert vegetation, such as yucca, cactus and various grasses. Fauna consists of desert wildlife such as coyotes, rodents, snakes, dear and antelope.
- D. Ponds and Streams: Arroyo del Macho southwest of the proposed location.
- E. <u>Residences and other Structures</u>: The David Corn ranch house (old W.R. McKnight Ranch) is approximately 2 mile to the south-southwest.
- F. Archaeological, Historical and Other Cultural Sites: An Archaeologist from Roswell, NM will be contracted to check and approve this site and access road.
- G. Land Use: Grazing.
- H. Surface Ownership: USA-BLM.

## 12. OPERATOR'S REPRESENTATIVE:

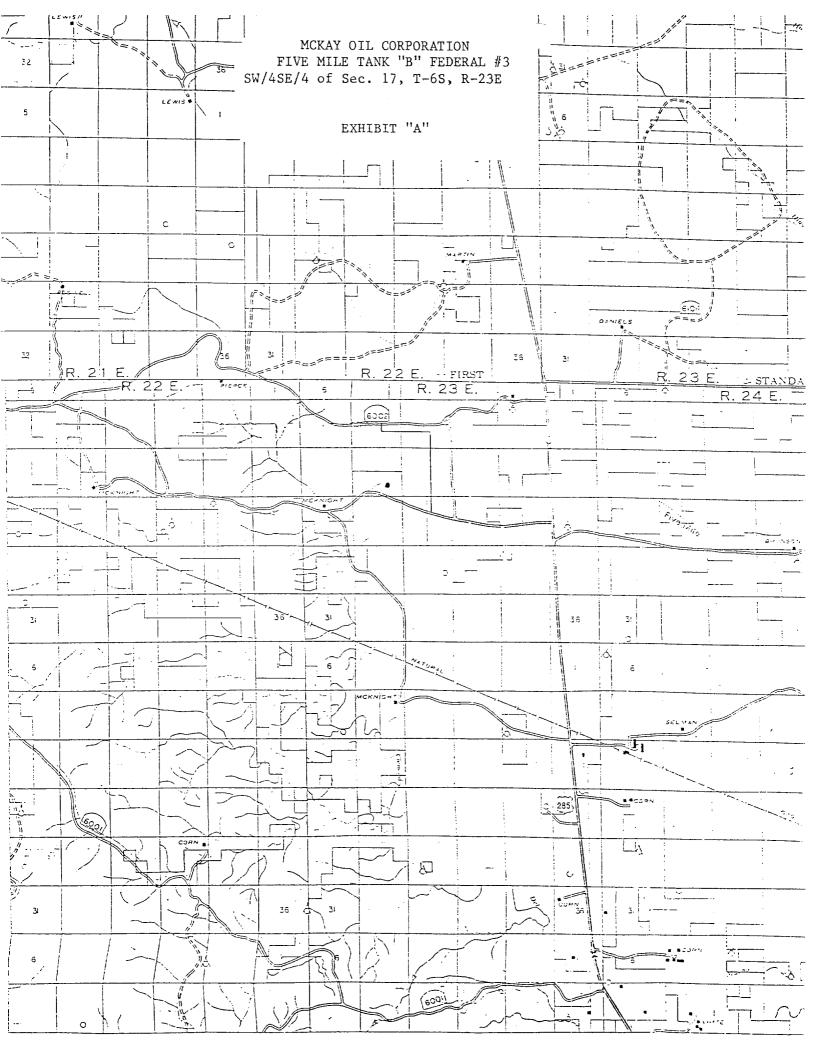
Gary Richburg Roswell, New Mexico (505) 623-4735 (O) (505) 626-8581 (C)

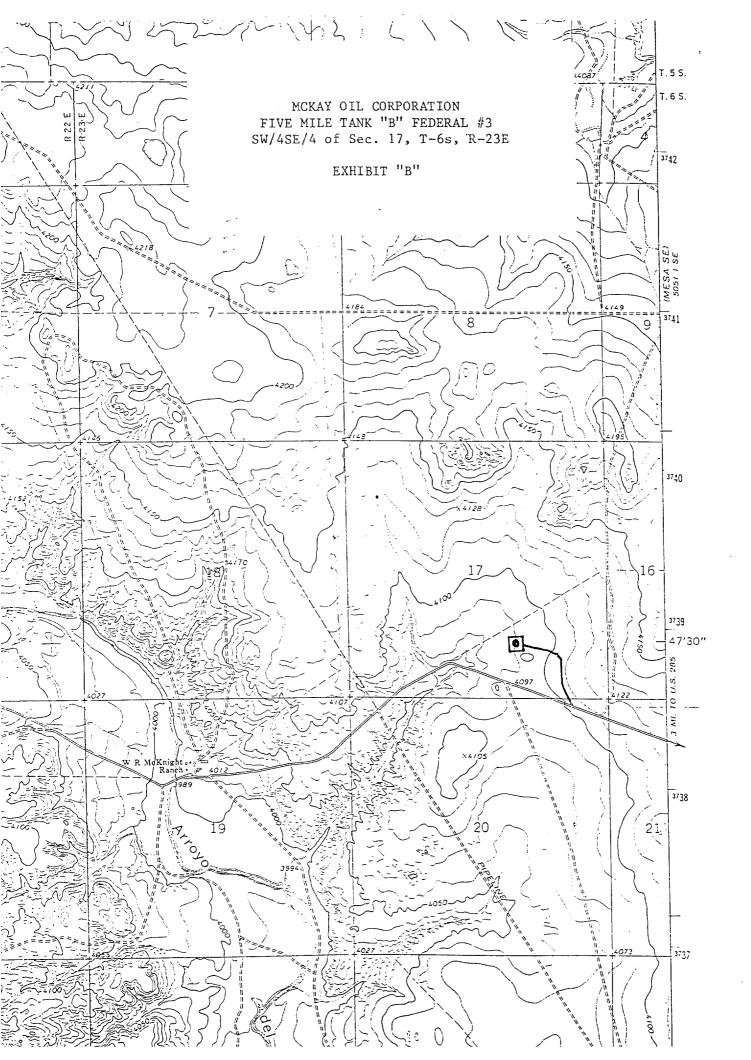
### 13. <u>CERTIFICATION:</u>

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exists; that he statements made in this plan are, to the best of my knowledge true and correct; that the work associated with the operations proposed herein will be performed by MCKAY OIL CORPORATION and its subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to provisions of 18 USC 1001 for the filing of a false statement.

2-4-00

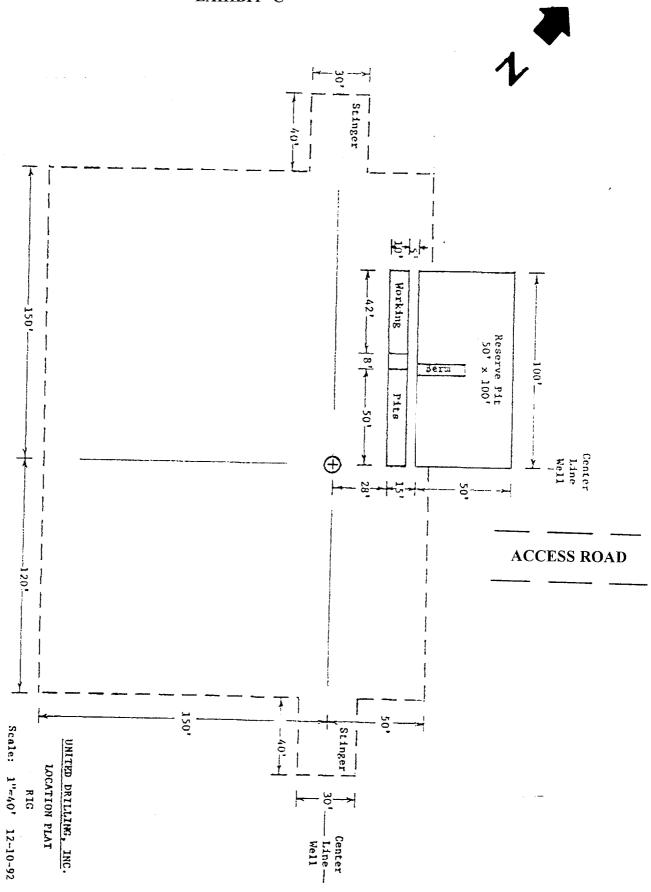
DATE





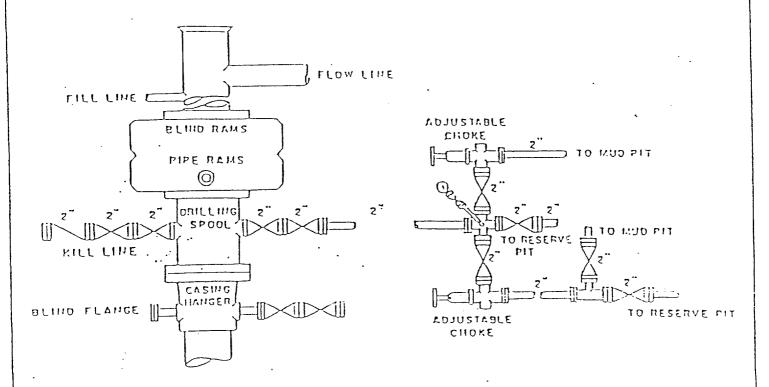
## MCKAY OIL CORPORATION FIVE MILE TANK "B" FED. #3 SW/4SE/4 OF SEC. 17, T6S, R23 E, N.M.P.M. CHAVES COUNTY, NM

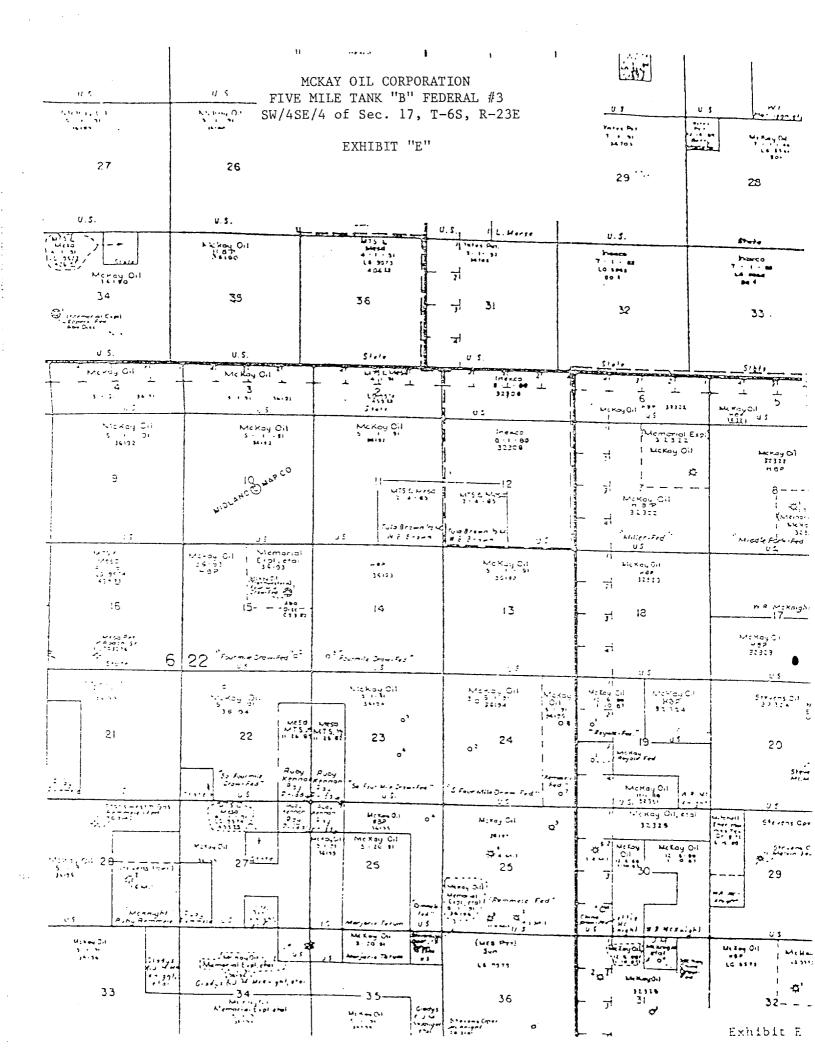
## EXHIBIT "C"



## MCKAY OIL CORPORATION FIVE MILE TANK "B" FED. #3 SW/4SE/4 OF SEC. 17, T6S, R23 E, N.M.P.M. CHAVES COUNTY, NM

### EXHIBIT "D"





## MCKAY OIL CORPORATION FIVE MILE TANK "B" FED. #3 SW/4SE/4 OF SEC. 17, T6S, R23 E, N.M.P.M. CHAVES COUNTY, NM

EXHIBIT "F"

# THERE IS NO EXHIBIT "F"

Form 3160-5 (November 1994)

## UNITED STATES DEPARTMENT OF THE INTERIOR

## N.M. Oil Cons. Division 811 S. 1st Street

FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996

Artesia, NM 88210 BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WE

Do not use thi abandoned we	s form for proposals to II. Use Form 3160-3 (AP	D) for such proposals.		6. It Indian	n, Allottee or Thoe Name
SUBMIT IN TRI	PLICATE - Other Instr	uctions on reverse s	ilde	7. If Unit o	or CA/Agreement, Name and/or No.
1. Type of Well ☐ Oil Well ☑K Gas Well ☐	Other			8. Well Na	
2. Name of Operator McKay (	)il Corporation			9. API We	ile Tank "B" Fed. #3
3a. Address P.O. Box 20 Roswell, N	· · · · · · · · · · · · · · · · · · ·				nd Pool, or Exploratory Area
4. Location of Well (Footage, Sec. 880   FSL and 1760	FEL. Sec. 17, T6	SS, R23E		11. County Chaves	<u> </u>
12. CHECK AP	PROPRIATE BOX(ES)	O INDICATE NATUR	E OF NOTICE, R	EPORT, O	R OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Star	t/Resume)	☐ Water Shut-Off ☐ Well Integrity
☐ Subsequent Report ☐ Final Abandonment Notice	Casing Repair Change Plans Convert to Injection	New Construction Plug and Abandon Plug Back	Recomplete Temporarily Al Water Lisposal		Other
					week and approximate duration finerent

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

McKay Oil Corporation proposes to construct a natural gas flow line from the Five Mile Tank "B" Fed. #3 to the Five Mile Tank Fed. #3 well. The flow line will be constructed using 2-3/8" line pipe and will initially be layed on the surface. After testing the well and determining it is capable of production we will then trench the line. The flow line will run along the north side of the access road from the Five Mile Tank "B" Fed. #3 to the Five Mile Tank Fed. #3 well.

APPROVAL SUBJECT TO GENERAL REQUIREMENTS SPECIAL STIPLLATIO

which would entitle the applicant to conduct operations thereon.

This is part of the approval for the Application for Permit to Drill well No. 3-Five Mile Tank "B" Federal approved 10-02-2000.

confit.	
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Bill J. Milstead	Title Vice President
Signiture of Milester	Date 9/12/00
THIS SPACE FOR FEDE	RAL OR STATE OFFICE USE
Approved by /S/LARRY D. 5144	Tid Assistant Field Manager, 001 0 2 2000
Conditions of approval, if any, are attached. Approval of this notice does not we certify that the applicant holds legal or equitable title to those rights in the subj	rarrant or ect lease ROSWELL FIELD OFFICE APPROVED FOR 1 YEAR

