

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Marathon Oil Company P.O. Box 552		² OGRID Number 14021
⁴ Property Code	⁵ Property Name INDIAN BASIN "32" STATE	³ API Number 30-015-33163
		⁶ Well No. #8

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	32	21-S	24-E		1255'	South	511'	West	EDDY

⁸ Proposed 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
M	32	21-S	24-E		950'	South	2400'	West	Eddy

⁹ Proposed Pool 1 Indian Basin U.P. Assoc.	¹⁰ Proposed Pool 2
--	-------------------------------

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4322'
¹⁶ Multiple NO	¹⁷ Proposed Depth 8600'	¹⁸ Formation U. PENN	¹⁹ Contractor McVAY	²⁰ Spud Date 2/1/04

²¹ Proposed Casing and Cement Program

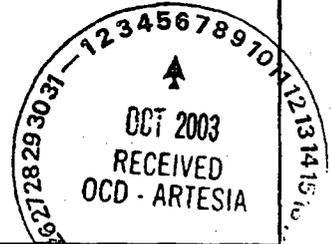
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.250	9-5/8"	36#	1250'	630	SURFACE
8.750"	7"	23#/26#	8600'	1280	SURFACE

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Marathon Oil Company is proposing to drill a directional Upper Penn. well to a Non- Standard BHL target. SHL is on Federal land in Section 32.

BOPE: 11" 3M DUAL RAM, ANNULAR & ROTATING HEAD.
ALL BOPE SHALL BE INSTALLED AND TESTED ACCORDING TO OCD RULES #109 & #114.
ALL CASING SHALL BE RUN AND CEMENTED IN ACCORDANCE WITH OCD RULE #107.

NSL - 4977 (BHL) (SD)



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Jerry Fletcher</i>		Approved by: <i>Jim W. Run</i>	
Printed name: Jerry Fletcher		Title: District Supervisor	
Title: Engineer Tech.		Approval Date: JAN 9 2008 Expiration Date: JAN 9 2004	
Date: 9/23/03	Phone: 432-687-8360	Conditions of Approval:	
		Attached <input type="checkbox"/>	

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code	Pool Name
	33685	Indian Basin Upper Penn. Assoc.
Property Code	Property Name	Well Number
	INDIAN BASIN 32 STATE	8
OGRID No.	Operator Name	Elevation
14021	MARATHON OIL COMPANY	4322'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	21-S	24-E		1255'	SOUTH	511'	WEST	EDDY

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
M	32	21-S	24-E		950'	SOUTH	2400'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320 W/2			

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

Indian Basin St. "32" # 4
660'

Project Area

Standard Producing Area

IB St. 32-1-Y

Non-Standard Producing Area

BHL

GEODETIC COORDINATES
NAD 27 NME
Y = 520827.8 N
X = 439965.8 E
LAT. 32°25'34.19"N
LONG. 104°31'40.48"W

4346.3', 4214.3', 4248.9', 4224.8', 511', 600', 1255'

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Jerry Fletcher
Signature

Jerry Fletcher
Printed Name

Engineer Tech.
Title

9/19/03
Date

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.

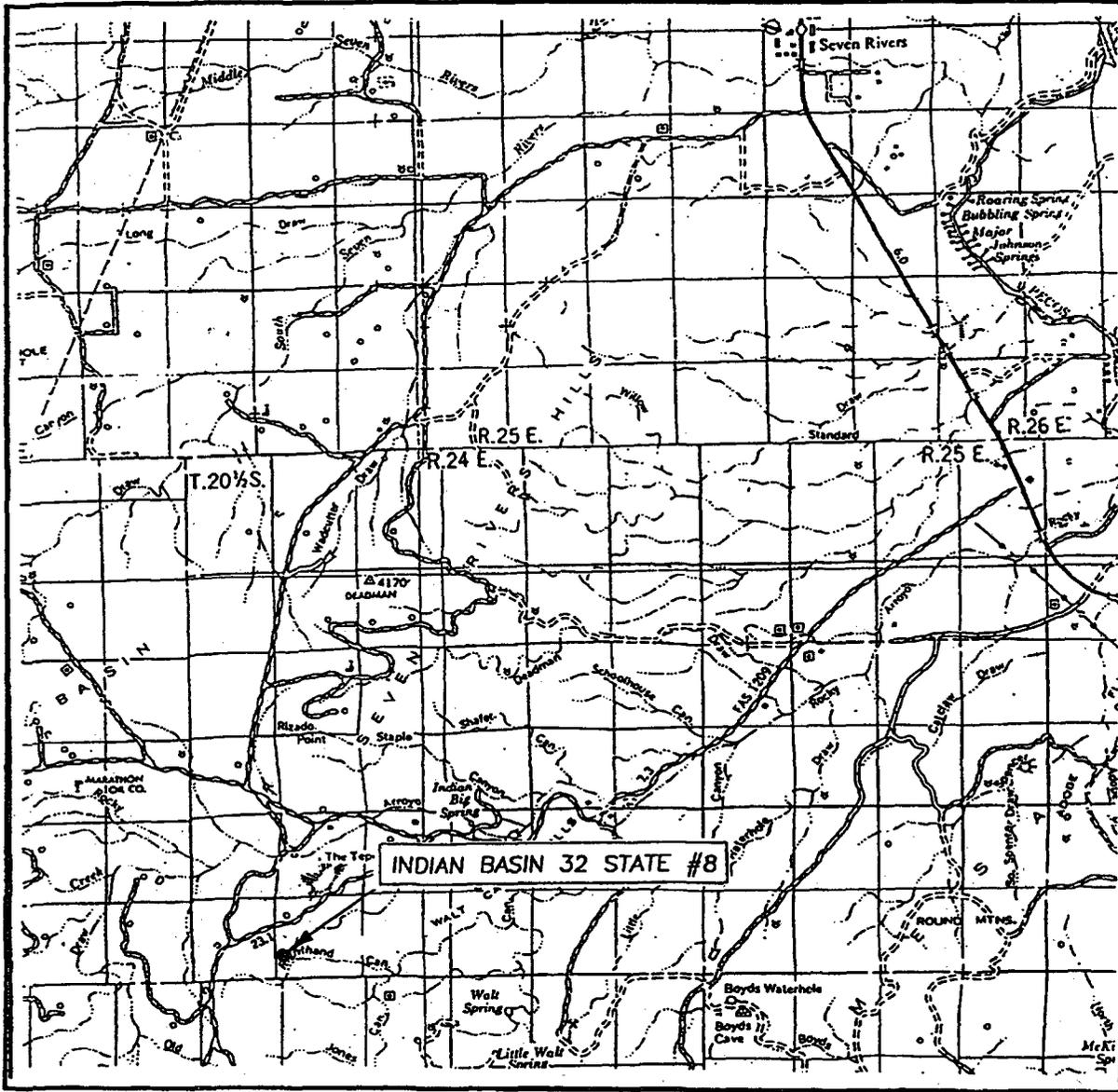
August 19, 2003
Date Surveyed

AWB
Signature & Seal of Professional Surveyor

Gary Johnson
03.11.0913

Certification No. GARY JOHNSON 12641

VICINITY MAP

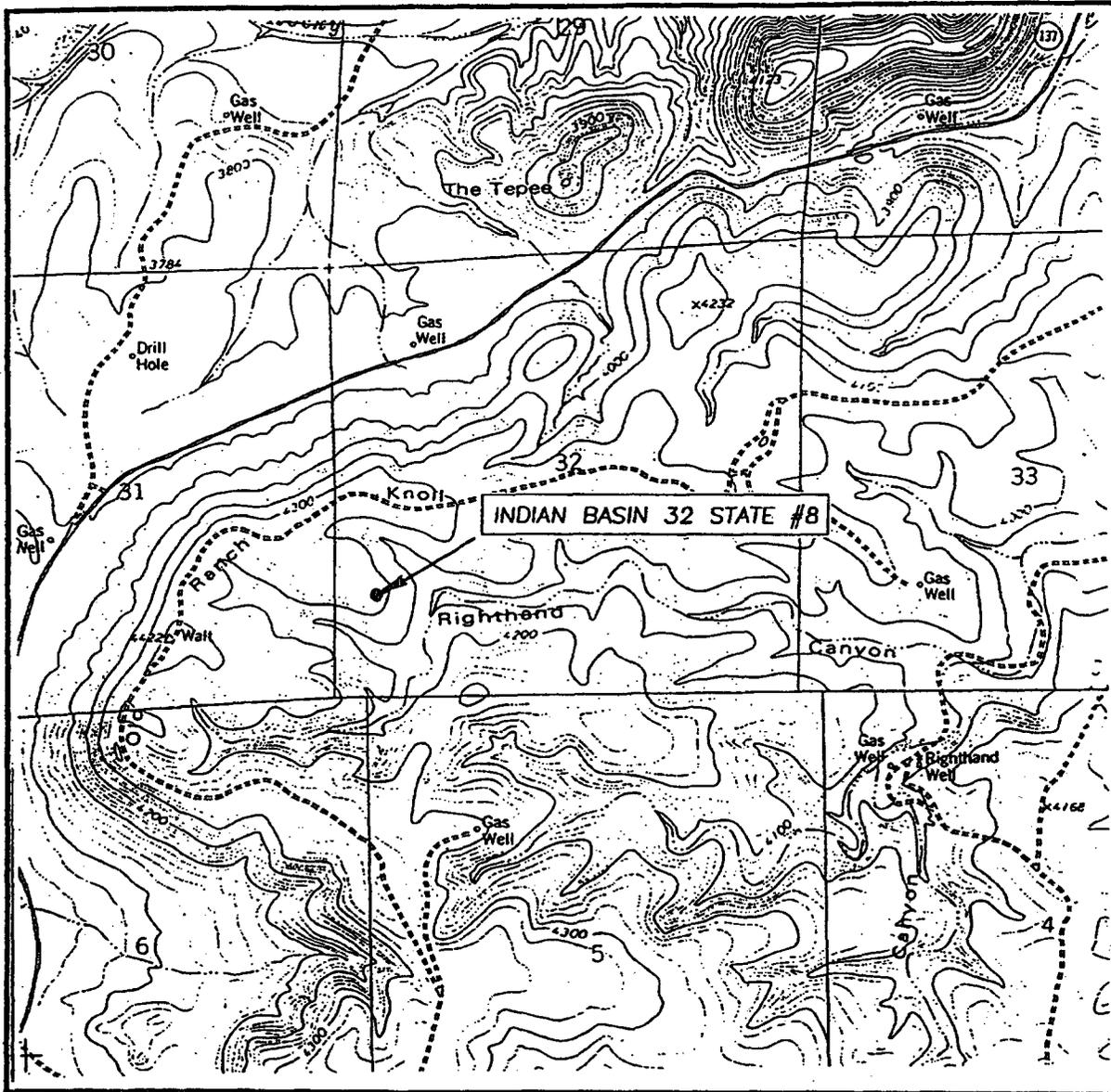


SCALE: 1" = 2 MILES

SEC. 32 TWP. 21-S RGE. 24-E
 SURVEY N.M.P.M.
 COUNTY EDDY
 DESCRIPTION 1255' FSL 511' FWL
 ELEVATION 4322'
 OPERATOR MARATHON OIL COMPANY
 LEASE INDIAN BASIN 32 STATE

JOHN WEST SURVEYING
 HOBBS, NEW MEXICO
 (505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 20'
MARTHA CREEK, N.M.

SEC. 32 TWP. 21-S RGE. 24-E

SURVEY _____ N.M.P.M. _____

COUNTY _____ EDDY _____

DESCRIPTION 1255' FSL 511' FWL

ELEVATION 4322'

OPERATOR MARATHON OIL COMPANY

LEASE INDIAN BASIN 32 STATE

U.S.G.S. TOPOGRAPHIC MAP
MARTHA CREEK, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103

Revised March 25, 1999

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

WELL API NO. 30-015-33163
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 22575
7. Lease Name or Unit Agreement Name: INDIAN BASIN "32" STATE
8. Well No. 8
9. Pool name or Wildcat INDIAN BASIN, U. PENN ASSOC.

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other **RECEIVED**

2. Name of Operator
Marathon Oil Company **FEB 0 3 2004**

3. Address of Operator
P.O. Box 3128 Houston, Tx. 77253 **OCD-ARTESIA**

4. Well Location - **SL**

Unit Letter **M** : **1255'** feet from the **South** line and **511'** feet from the **West** line

Section **32** Township **21-S** Range **24-E** NMPM County **EDDY**

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
4322' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK PLUG AND ABANDON

TEMPORARILY ABANDON CHANGE PLANS

PULL OR ALTER CASING MULTIPLE COMPLETION

OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ALTERING CASING

COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT

CASING TEST AND CEMENT JOB

OTHER:

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

New proposed surface casing and cement program.
12.25"-Hole-9 5/8"-36#-1800' setting depth-1000 sacks cement- TOC to surface

Summary: Changed Surface casing depth from 1250' to 1800'
Changed sacks of cement from 630 to 1000

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mike Mick TITLE Engineering Tech. DATE 1/28/04

Type or print name Mike Mick Telephone No. 713-296-3254

(This space for State use) Jim W. Smith SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE FEB 0 5 2004

Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised May 08, 2003

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-33163
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 22575
7. Lease Name or Unit Agreement Name: INDIAN BASIN "32" STATE
8. Well Number 8
9. OGRID Number
10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
Marathon Oil Company

3. Address of Operator
P.O. Box 3128 Houston, Tx. 77253

RECEIVED
 APR 08 2004
 OCD-ARTESIA

4. Well Location
 Unit Letter **M** : **1255'** feet from the **South** line and **511'** feet from the **West** line
 Section **32** Township **21-S** Range **24-E** NMPM County **EDDY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
INDIAN BASIN, U. PENN ASSOC.

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

While drilling tool string became stuck. Plugged well leaving following fish in hole.
 Fish #1: Bit, Bit Sub, Shock Sub, 8" Monel, 2 8" Drill Collars, XO, 10 6-1/4" Drill Collars
 (BOF = 1234', TOF = 820', LTH = 414')
 Fish #2: 6 6-1/4" Drill Collars, 2 4-1/2" Hevi Wate
 (BOF = 810', TOF = 572', LTH = 238')
 Cement plugs per OCD's verbal approval as follows: 340' to 488'- 500 sks
 60' to 340'- 50yds redi-mix & 30 yds. 1" rock
 0' to 60'- 50 sks. neat cement

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mike Mick TITLE Engineering Tech. DATE 3-25-04

Type or print name Mike Mick Telephone No. 713-296-3254

(This space for State use)

APPROVED BY [Signature] TITLE [Signature] DATE AUG 5 2004

Conditions of approval, if any:



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

8-2.04
OK TO RELEASE
/s/

APR 16 2004

Lori Wrotenbery
Director
Oil Conservation Division

13 April 2004

Marathon Oil Co
P.O. Box 1324
Artesia, New Mexico 88211

RECEIVED
JUL 28 2004
OCD-ARTESIA

Form C-103 Report of Plugging for your Indian Basin "32" State # 8 M-32-21-24 API 30-015-33163
Cannot be approved until an NMOCD representative has made an inspection of the location and found it to be cleared to comply with OCD rules and regulations. Please check each item in the space provided to indicate that the work has been accomplished and the location is ready for final inspection.

- 1. All pits have been filled and leveled.
- 2. Rat hole and cellar have been filled and leveled.
- 3. A steel marker 4" in diameter and approximately 4' above mean ground level has been set in concrete to mark the exact location of the plugged well. (Marker must have operator name, lease name, well number and location including quarter/quarter section or unit letter, section, township, range and API well ID number permanently welded, stamped or otherwise engraved into the metal marker.)
- 4. The location has been leveled as nearly as possible to original top ground contour and has been cleared of all junk and equipment.
- 5. The dead men and tie downs have been cut and removed.
- 6. If a one well lease or last remaining well on lease, the battery and burn pit locations have been leveled and cleared of all junk & equipment. *ANOTHER WELL IS ON THE SAME LOCATION*
- 7. All environmental concerns have been addressed as per OCD guidelines.

The above are minimum requirements and no plugging bond will be cancelled until all locations for plugged and abandoned wells have been inspected and Form C-103 approved.

When all of the work outlined above has been done, please notify this office by completing, signing and returning this letter to us so that our representative will not have to make more than one trip to the location.

I certify that the above work has been done and the above-mentioned lease is ready for OCD inspection and approval.

[Signature]
Name

Prod. Super.
Title

[Signature]
van Barton
Field Rep. II