

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

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

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

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

WELL API NO. 30-025-31887 ✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B - 1113

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name WARN STATE A/C 2
2. Name of Operator Marathon Oil Company	8. Well No. 18
3. Address of Operator P.O. Box 552 Midland, Tx. 79702	9. Pool name or Wildcat VACUUM (DRINKARD)
4. Well Location Unit Letter <u>K</u> : <u>1650</u> Feet From The <u>SOUTH</u> Line and <u>2035</u> Feet From The <u>WEST</u> Line Section <u>6</u> Township <u>18-S</u> Range <u>35-E</u> NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GL: 3973' KB: 3990'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: DRILLING & CASING OPS. <input type="checkbox"/>

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.

PRE SET 16" CONDUCTOR @ 40' AND CEMENTED WITH REDI-MIX. MIRU PETERSON RIG # 6. SPUD 14-3/4" HOLE @ 0600 HRS., 2/7/93. DRILLED TO 1480'. RAN 36 JTS. 11-3/4", 42 #, H-40 NEW CASING. GUDE SHOE @ 1480', FLOAT COLLAR @ 1435'. CEMENTED WITH 650 SX. CLASS "C" W/ 4% BENTONITE, 2% CACL2, TAILED IN W/ 200 SX. CLASS "C" NEAT. CEMENT IN PLACE @ 1335 HRS. 2/9/93, CIRC'D 138 SX. WOC 4 HRS. CUT CSG. WELD ON 11-3/4" X 13-5/8" CASING HEAD. TESTED WELD TO 800 PSI. N.U. 13-5/8" DUAL RAM, ANNULAR, ROTATING HEAD AND CHOKE MANIFOLD. TESTED ROTATING HEAD TO 1100 PSI. TESTED BLIND & PIPE RAMS, CHOKE MANIFOLD, MUD LINES, TIW VALVE U/L KELLY COCKS, TO 3000/300 PSI. TESTED ANNULAR TO 1500/300 PSI. TIH W/ 11" BIT AND TAGGED CEMENT @ 1430'. TOTAL COK TIME - 48 HRS. TESTED CSG. TO 1000 PSI, DRILLED TO 1460' AND TESTED TO 1000 PSI. RESUMED DRILLING INTERMEDIATE HOLE. DRILLED TO 1491' AND PERFORMED LEAK OFF TEST TO 22 PPG EMW. ENCOUNTERED 400 BPH WATER FLOW @ 1799'. DRILLED TO 2883'. RAN 68 JTS. 8-5/8" 32 # S-80 & K-55 NEW CSG TO 2883'. FLOAT SHOE @ 2883', FLOAT COLLAR @ 2838', STAGE TOOL @ 1396', ECP @ 1398'. CEMENTED 1ST STAGE W/ 350 SX. "C" W/ 4% GEL, 12% SALT, TAILED IN W/ 200 SX. "C" W/ 2% CACL2. SET ECP W/ 2100 PSI. DROPPED BOMB AND SHIFTED TOOL. CEMENTED 2ND STAGE W/ 350 SX. CLASS "C" W/ 4% GEL, 12% SALT. TAILED IN W/ 50 SX. CLASS "C". CEMENT IN PLACE @ 0015 HRS. 2/14-93. CIRC'D 150 SX. ON 1ST STAGE. 100 SX. ON 2ND STAGE.. SET SLIPS W/ 80M. N.U. 12" 3M X 11" 3M OCT C-22 "B" SECT. & 11" 3M X 12" 5M SPOOL. TESTED "B" SECT. SEALS TO 2000

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

SIGNATURE Cecil T. Pearce TITLE DRILLING SUPERINTENDENT DATE 2/26-93
TYPE OR PRINT NAME CECIL T. PEARCE TELEPHONE NO. 915-682-1626

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL API NO. 30-025-31887
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B - 1113
7. Lease Name or Unit Agreement Name WARN STATE A/C 2
8. Well No. 18
9. Pool name or Wildcat VACUUM (DRINKARD)
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GL: 3973' KB: 3990'

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator Marathon Oil Company
3. Address of Operator P.O. Box 552 Midland, Tx. 79702	4. Well Location Unit Letter <u>K</u> : <u>1650</u> Feet From The <u>SOUTH</u> Line and <u>2035</u> Feet From The <u>WEST</u> Line Section <u>6</u> Township <u>18-S</u> Range <u>35-E</u> NMPM LEA County
11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input 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 checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: DRILLING & CASING OPS. <input type="checkbox"/>	

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.

N.U. 13-5/8"DUAL RAMS AND ANNULAR. TESTED BLIND AND PIPE RAMS, MANIFOLD, U/L KELLY COCKS, MUD LINES, DART VALVE TO 3000/300 PSI. TESTED ANNULAR TO 2000/200 PSI. TIH W/ 7-7/8" BIT & TAGGED STAGE TOOL @ 1392'. TESTED 8-5/8" CSG TO 1500 PSI. DRILLED CEMENT & STAGE TOOL TO 1460'. TESTED CSG TO 1500 PSI. TIH TO 2830', DRILLED CEMENT & FLOAT COLLAR TO 2858'. TESTED CSG TO 1500 PSI. DRILLED CEMENT & FLOAT SHOE. RESUMED DRILLING FORMATION WITH 7-7/8" BIT.

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

SIGNATURE Cecil T. Pearce TITLE DRILLING SUPERINTENDENT DATE 2/26-93
TYPE OR PRINT NAME CECIL T. PEARCE TELEPHONE NO. 915-682-1626

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]
CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease -- 6 copies
Fee Lease -- 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I
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DISTRICT II
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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-025 31887

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-1113

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

WARN STATE A/C 2

2. Name of Operator

Marathon Oil Company

8. Well No.

18

3. Address of Operator

P.O. Box 552 Midland, Tx. 79702

9. Pool name or Wildcat

VACUUM (DRINKARD)

4. Well Location

Unit Letter K : 1650 Feet From The SOUTH Line and 2035 Feet From The WEST Line

Section 6

Township 18-SOUTH

Range 35-EAST

NMPM LEA

County

10. Proposed Depth

8300'

11. Formation

DRINKARD

12. Rotary or C.T.

ROTARY

13. Elevations (Show whether DF, RT, GR, etc.)

3973

14. Kind & Status Plug Bond

BLANKET - CURRENT

15. Drilling Contractor

UNKNOWN

16. Approx. Date Work will start

1/30-93

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	CONDUCTOR	40'	REDI-MIX	SURFACE
14.75"	11.75"	42.0	1400'	770	SURFACE
11"	8.625"	32.0	3000'	900	SURFACE
7.875"	5.5"	15.5, 17.0	8300'	1325	SURFACE

WELL IS INTENDED AS AN 8300' DRINKARD REPLACEMENT FOR WARN ST. A/C 2 # 10.

TO MINIMIZE ANY WATERFLOWS AND ENSURE GOOD PRIMARY CEMENTING, AN EXTERNAL CASING PACKER WILL BE SET @ +/- 1350' ON THE 8.625" CASING STRING. THE 5.5" PRODUCTION STRING WILL EMPLOY A STAGE TOOL @ +/- 6000' TO ENSURE A FULL COLUMN OF CEMENT TO SURFACE.

H2S SAFETY AND DETECTION EQUIPMENT WILL BE RIGGED UP AND OPERATIONAL BY 1500'. A STROKE COUNTER, PVT AND FLO-SHO INDICATOR WILL BE OPERATIONAL BY 1500'.

APPROXIMATELY 60'-90' OF CORE WILL BE CUT IN THE DRINKARD FORMATION.

BLOWOUT PREVENTION EQUIPMENT WILL BE APPLIED AS FOLLOWS: 14-3/4" SURFACE HOLE, 16-3/4" 2M DIVERTER.

11" INTERMEDIATE HOLE, 11" 3M DUAL RAMS, 11" 3M BLIND RAMS, 11" ANNULAR, 11" ROTATING HEAD. 7-7/8"

PRODUCTION HOLE, 11" 3M DUAL RAMS, 11" ANNULAR, 11" ROTATING HEAD. INTERMEDIATE AND PRODUCTION BOP'S WILL

TESTED BY AN INDEPENDENT TESTER. ALL EQUIPMENT WILL BE FUNCTION TESTED PERIODICALLY AS REQUIRED.

ALL CASING WILL BE RUN AND CEMENTED ACCORDING TO STATE REGULATIONS.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

Cecil T. Pearce

TITLE

DRILLING SUPERINTENDENT

DATE 1/19-93

TYPE OR PRINT NAME

CECIL T. PEARCE

TELEPHONE NO. 915-682-1621

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

JAN 28 1993

OIL CONSERVATION DIVISION

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

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1000 Rio Brazos Rd., Aztec, NM 87410

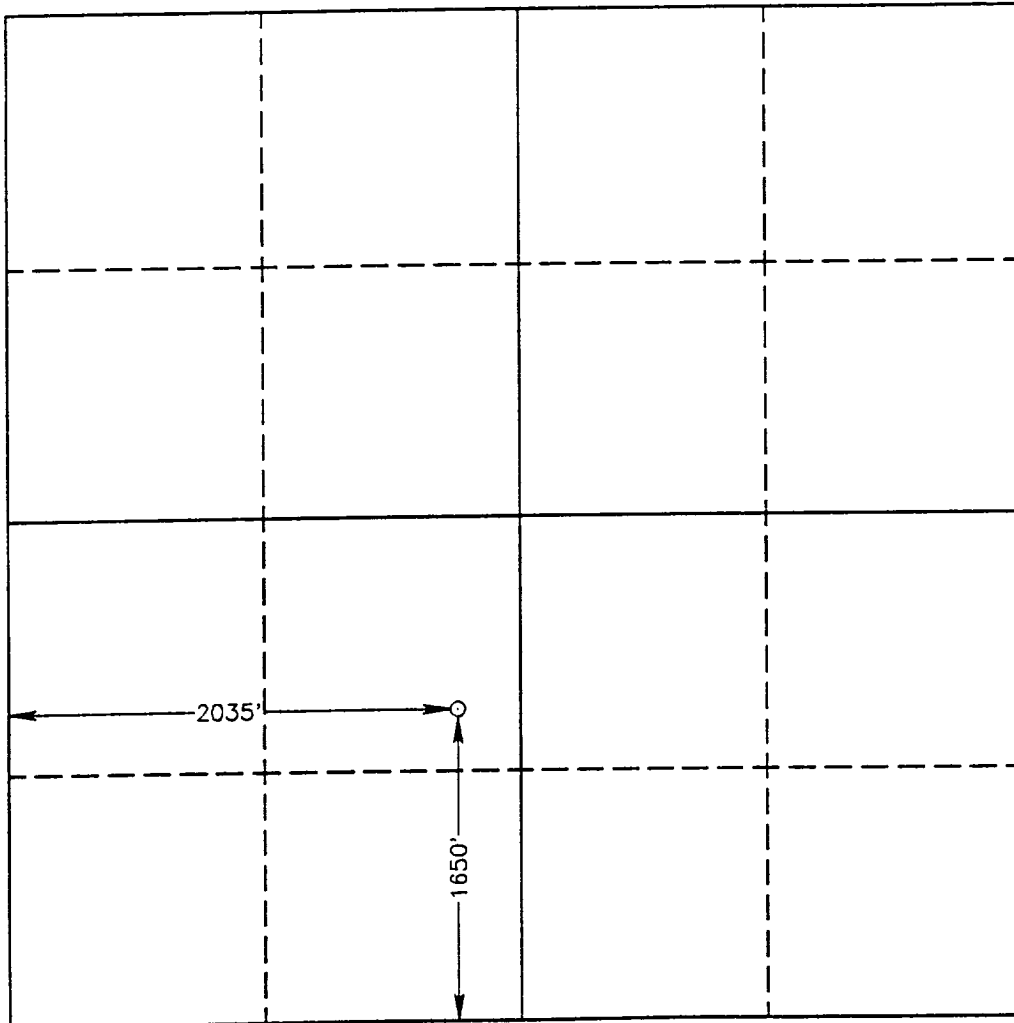
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MARATHON OIL COMPANY			Lease WARN STATE ACC. 2		Well No. 18
Unit Letter K	Section 6	Township 18 SOUTH	Range 35 EAST	NMPM	County LEA
Actual Footage Location of Well: 1650 feet from the SOUTH line and 2035 feet from the WEST line					
Ground Level Elev. 3973.6'	Producing Formation Drinkard		Pool Vacuum		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
 - If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 - If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
- If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.) _____
- No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

G. T. Pearce

Position

Drilling Supt.

Company

Marathon Oil Company

Date

1-26-93

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 knowledge and belief.

Date Surveyed

JANUARY 7, 1993

Signature & Seal of
Professional Surveyor

Certificate No. JOHN W. WEST 878
RONALD J. EIDSON 3238
GARY L. JONES 7977

92-11-2036