

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Oil Cons.
N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

5. Lease Serial No.
State Lease #OG-6063-2
6. Indian Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3a. Address

P.O. Box 552 Midland, TX 79702

3b. Phone No. (include area code)

800-351-1417

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL - UL "E", 1690' FSL & 2026' FWL, SECTION 16, T-21-S, R-24-E
BHL - UL "O", 1242' FSL & 1701' FEL, SECTION 16, T-21-S, R-24-E

7. If Unit or CA/Agreement, Name and/or No.

INDIAN HILLS UNIT
70964

8. Well Name and No.

INDIAN HILLS UNIT #39

9. API Well No.

30-015-32103

10. Field and Pool, or Exploratory Area

INDIAN BASIN UPPER PENN
ASSOCIATED GAS POOL

11. County or Parish, State

EDDY COUNTY NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Amend</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>commingle permit</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | <u>to add new well</u> |

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 recompleat 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 recompleat 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 final site is ready for final inspection.)

The Indian Hills Unit Well #39 production is being piped from the wellhead to the production header at Station 117 Satellite Production Facility, located at UL "N" Section 17, T-21-S, R-24-E, Eddy County, NM. No other changes will be made in the handling or transporting of any of the hydrocarbon production at this satellite facility. Attached please find an updated facility diagram. Copies of this diagram are also being sent to the Carlsbad office as an update to the Site Security Diagrams required for this lease.

ACCEPTED FOR RECORD

APR 16 2002

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS ATTACHED

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Ginny Larke

Title

Engineer Technician

Date 4/9/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

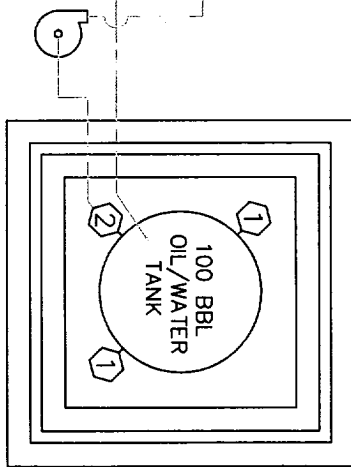
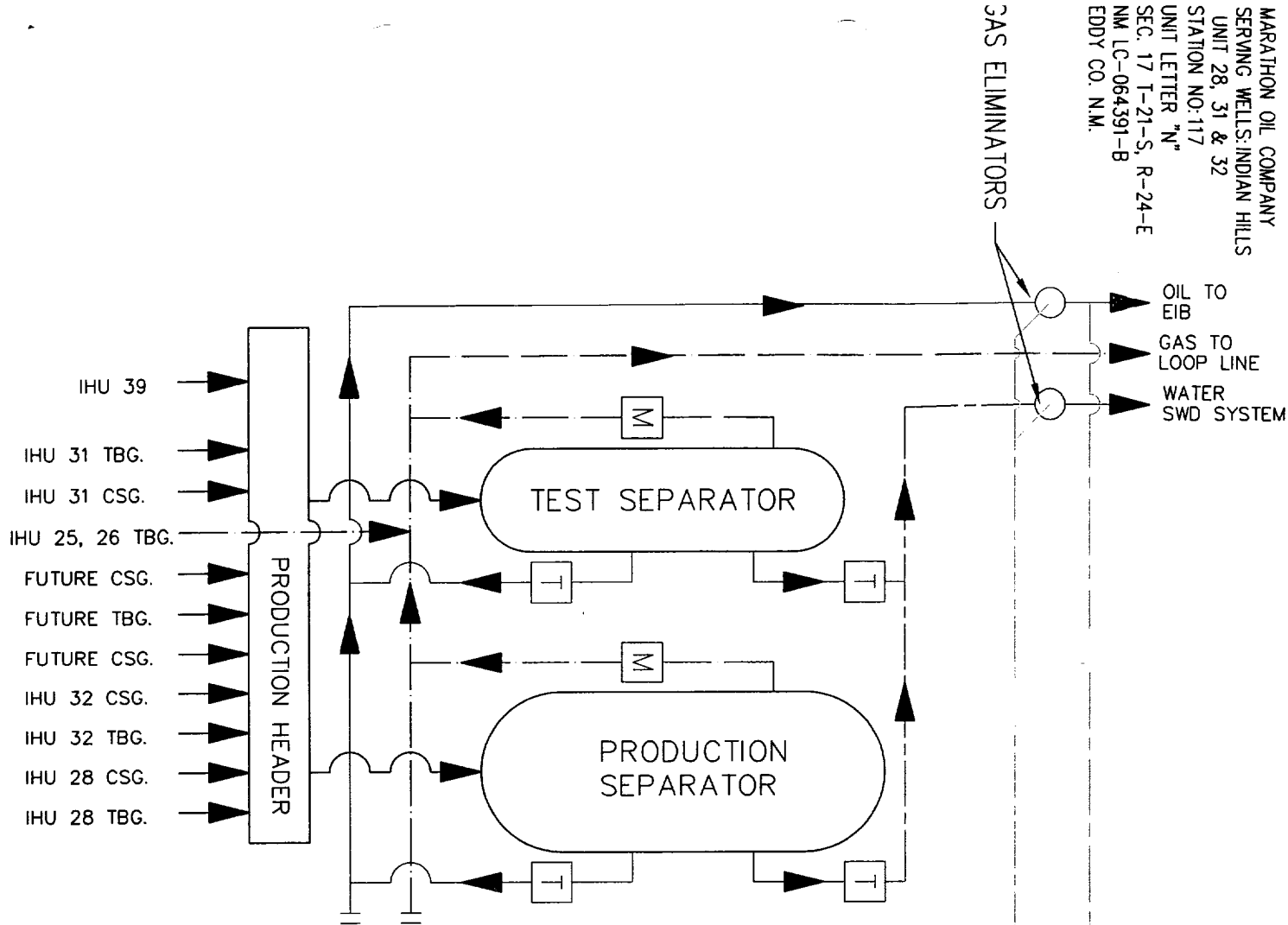
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

MARATHON OIL COMPANY
SERVING WELLS: INDIAN HILLS
UNIT 28, 31 & 32
STATION NO: 117
UNIT LETTER "N"
SEC. 17 T-21-S, R-24-E
NM LC-064391-B
EDDY CO. N.M.



THE FACILITY IS SUBJECT
TO THE SITE SECURITY PLAN FOR
THE INDIAN BASIN FIELD. THE
PLAN IS LOCATED AT:
MARATHON OIL CO.
329 MARATHON RD.
LAKEWOOD, NM 88259



TURBINE METER [T]
MASS FLOW METER [M]
GAS LINE _____
OIL LINE _____
WATER LINE _____
OIL & WATER LINE _____
SEALED VALVE [1]
NORMALLY OPEN VALVE [2]



Marathon
Oil Company

MID-CONTINENT REGION

FACILITY DESCRIPTION:	SATELLITE PRODUCTION FACILITY	CONTRACTOR FILENAME:	MOC FILENAME:
			STA117.DWG

INDIAN BASIN FIELD
STATION 117 SATELLITE PRODUCTION FACILITY DIAGRAM
EDDY CO., NM

SCALE	DWG. D. ELLWOOD DATE: 10/30/01	ATF/PROJ. NO.	FIELD/AREA	SYSTEM	PROJECT AREA	DRAWING NO.	SHT NO.	REV
NONE	UPDATED BY: Genny Loria		IB	FIELD	EAST	1	1	D
	DATE LAST UPDATED: 4/9/02							

Submit 3 Copies To Appropriate District

Office

District I 25 N. French Dr., Hobbs, NM 87240

District II

1 South First, Artesia, NM 87210

District III

100 Rio Brazos Rd., Aztec, NM 87410

District IV

40 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.

30-015-32103

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-07437

7. Lease Name or Unit Agreement Name:

Indian Hills Unit

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.)

Type of Well:

Oil Well ☐ Gas Well ☒ Other

Name of Operator

Marathon Oil Company

Address of Operator

P.O. Box 552 Midland, TX 79702

Well Location

Unit Letter "K" : 1690' feet from the South line and 2026' feet from the West line

Section 16 Township 21-S Range 24-E NMPM County Eddy

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
4119' G.L.

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 ☐

DILL 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: X End of well report ☐

2. 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.

Please see attached subsequent report to form C-103.

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

SIGNATURE Jerry Fletcher TITLE Engineer Tech. DATE 4/03/02

Print name Jerry Fletcher Telephone No. 915/687-8357

Signature of State use ORIGINAL SIGNED BY TIM W. GUM

DISTRICT # SUPERVISOR

APPROVED BY [Signature] TITLE DISTRICT # SUPERVISOR DATE APR 18 2002

Conditions of approval, if any:

Marathon Oil Company
Indian Hills Unit # 39
Section 16, T-21-S, R-24-E
Eddy County, N.M.

3/13/02 Drilled surface hole to 1792', ran 40 jts. 9-5/8" 36# J-55 casing to 1792'. R.U. Halliburton and cemented w/ 700 sks. of N2 cement, 150 sks. Premium Plus w/ 3% CACL2 tail, 75 sks Premium Plus cap cement. Circ. 112 sks to pit. **W/O cement 16 hrs.**

4/01/02 Finish drilling to 8918' T.D. Run 7" 26# & 23# K-55 LT&C(0-4800' 23# csg. 4800' to 8918' 26# csg. casing to 8918'). Circulate and condition hole . Pump 50,000 scf N2, 10 bbls. 10% CACL2 water w/ 150 scf/bbl N2, 10 bbls. Fresh water w/ 150 scf /bbl N2, 25 bbls. Super flush 101 spacer w/ 150 scf/bbl. N2, 10 bbls fresh water w/ 150 scf/bbl N2, 300 sks acid soluble cement, w. 300 scf/bbl N2, 1300 sks. premium foamed cement , 13/0 ppg, 1.44 cu.ft/sk.w/ 250 scf/ bbl, 120 sks. of super "H", .4% CFR-3, 5# gilsonite, .5% halad-344. .2% Salt, & 1#/sk. Salt. Bumped plug to 2600#, float held good. Circulated 410 sks. Pump 75 sks. of Premium cement, 14.8 ppg, 1.35 cu. ft./sk w/ 2% CACL2, 10# cal seal dn backside. **W/O cement 8-1/2 hrs.** Jet pits N.D. BOP, cut off 7" csg. And release rig.

Indian Hills Unit No. 39

				BOP Tests						
Report Date	TMD	24 Hour Summary	Last BOP Test Date	Annular Test (psi)	RAM Test (psi)	Choke Line Test (psi)	Choke Manifold Test (psi)	Kelly Hose Test (psi)	Stand Pipe Manifold Test (psi)	Diverter Test (psi)
3/10/2002	56	Finish R/U rig Picked up hammer tool w/ bit. Checked lines & leaks O.K. Spudded w/ 12 1/4" hammer @ 1305 r/hr. 3/10/02 Drilled 9 5/8 to 1075' w/ air.		0	0	0	0	0	0	0
3/10/2002	1,075	Drill w/ 12 1/4" hammer to 1075' to 1408' hit water 1404'. Drilling stopped down. POOH w/ hammer R/H w/ RH bit Shock sub & returner Drilled to 1408' to 1792' Surface 1 U		0	0	0	0	0	0	0
3/12/2002	1,792	TOOH to run csg. R/U casers. Held safely meeting. Ran surface csg. Cemented csg. W/O cement Cut off csg & weld on wellhead. N/U BOP's & equipment tested BOP equipment checked out (BHA, TTH, DTH, motor, & test csg. Test csg. w/ 100% reflux. 1408' to 1792' to 1825'.	3/13/2002	1,600	1,000	500	500	2,000	3,000	3,000
3/13/2002	1,825	TOOH to run csg. R/U casers. Held safely meeting. Ran surface csg. Cemented csg. W/O cement Cut off csg & weld on wellhead. N/U BOP's & equipment tested BOP equipment checked out (BHA, TTH, DTH, motor, & test csg. Test csg. w/ 100% reflux. 1408' to 1792' to 1825'.	3/13/2002	1,600	1,000	500	500	2,000	3,000	3,000
3/15/2002	2,945	W/OOP TOOH 10H w/ Directional BHA. Motor, BOP & Equipment from 9:00 to 11:00. Work stuck gyro rig 250.	3/13/2002	0	0	0	0	0	0	0
3/16/2002	3,417	Retractive gyro motor safety & check to 100% reflux. 1408' to 1792' to 1825'.	3/13/2002	0	0	0	0	0	0	0
3/17/2002	3,836	Drill to 3417. TOH & add 10' more below. Refer to eliminate magnetic interference on AZ. 11H w/ same bit & new BHA. RE-SURVEY (CURVE). Drill 3671-3836 w/ clean surveys (magnetic dip 0.1)	3/13/2002	0	0	0	0	0	0	0
3/19/2002	4,311	Drill directional to 4311 to 4870	3/13/2002	0	0	0	0	0	0	0
3/20/2002	5,355	Directional drill to 4870 to 5365 w/ 100% reflux.	3/13/2002	0	0	0	0	0	0	0
3/21/2002	5,595	Drill to 5365 to 5585. TOOH to bit & motor. 11H w/ new bit & motor & drill to 5585 to 5595.	3/13/2002	0	0	0	0	0	0	0
3/22/2002	6,275	Drill w/ 8 3/4" bit w/ motor to 6275.	3/13/2002	0	0	0	0	0	0	0
3/23/2002	6,850	Drill to 6850 to 6850 w/ 8 3/4" bit & motor.	3/13/2002	0	0	0	0	0	0	0
3/24/2002	7,310	Drill to 6850 to 7005. Round trip to check key seat seal & remove RT tool.	3/13/2002	0	0	0	0	0	0	0
3/25/2002	7,735	up hole. Drill to 7310 to 7735 w/ 8 3/4" bit on motor.	3/13/2002	0	0	0	0	0	0	0
3/26/2002	8,075	Drill to 7735 to 8075. POOH to L/D motor. Picking up new BHA.	3/13/2002	0	0	0	0	0	0	0

[illegible][illegible]