

1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office.

RECEIVED

Pit or Below-Grade Tank Registration or Closure

MAY 27 2004

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

SEB-ARTERIA

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Marathon Oil Company Telephone: 7132963254 e-mail address: mfmick@marathonoil.com

Address: P.O. Box 3128 Houston, Tx. 77253

Facility or well name: Indian Hills Unit #49 API #: 30-015-32723 U/L or Qtr/Qtr A Sec 28 T 21S R 24E

County: Eddy Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlimited ☐

Liner type: Synthetic ☒ Thickness 20 mil Clay ☐ Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction material: _____

Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

100 feet or more ☒

(0 points)

☒

Wellhead protection area. (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes

(20 points)

No ☒

(0 points)

☒

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

(20 points)

200 feet or more, but less than 1000 feet

(10 points)

1000 feet or more ☒

(0 points)

Ranking Score (Total Points)

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite ☒ offsite ☐ If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 5-21-04

Printed Name/Title: Mike Mick

Signature: mfmick

Adv. Sr. Eng. Tech

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Date: 6/2/04

Printed Name/Title: Mike Bratcher Compliance Officer

Signature: M Bratcher

Additional Information- Indian Hills Unit # 49

General

The Indian Hills Unit # 49 SL is located on Fee lands and Federal subsurface. The applied for pit will be constructed with-in the original pit area, with no new surface disturbances. Approx. size 120'x 120' x 4'. Indian Hills Unit #45 has been approved to construct a reserve pit. Both wells are on the same location (well pad), it is Marathon intention to utilize the same pit for both well operations. Marathon intends to work on Indian Hills Unit # 49 first and upon completion, move straight to Indian Hills Unit #45.

- Topsoil will be stripped and stockpiled for use as the final cover of fill at the time of closure.
- Contents removed from old pit will be stockpiled on a liner to prevent soil contamination.
- A 20 mil. Liner will be installed. Padding will be added if necessary. Liner will be anchored per OCD's guidelines. OCD will be contacted 24 hrs. prior to liner installation.
- All necessary steps will be taken to prevent liner damage.
- Marathon will used a combination of produced and freshwater during drilling, anticipated chloride content of drilling fluids - 10,000 ppm.
- Pit Area will be fence, work access will remain open during operations, closed once rig operations cease.
- All fluids will be removed from pit in a timely manner after operations cease.
- OCD will be contacted when pit closure commences.
- Closure of pit will be performed as per current OCD guidelines for onsite encapsulation The liner edges shall be folded over the contents and a 40 mil liner shall be installed on top. A min. of 3 foot of clean soil shall be spread over encapsulated pit contents. Stockpiled top soil shall be spread and contoured. Pit area will be re-seeded and re-vegetation promoted.

DISTRICT I

P.O. Box 1088, Hobbs, NM 88241-1088

DISTRICT II

P.O. Drawer 23, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C

Revised February 10,

Submit to Appropriate District C

State Lease - 4 C

Fee Lease - 3 C

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REP

| | | |
|-----------------------------------|--|--|
| API Number 30-015-32723 | Pool Code 33685 | Pool Name I. B. Upper Penn. Assoc. |
| Property Code | Property Name INDIAN HILLS UNIT | Well Number 49 |
| OGRID No. | Operator Name MARATHON OIL COMPANY | Elevation 3649' |

Surface Location

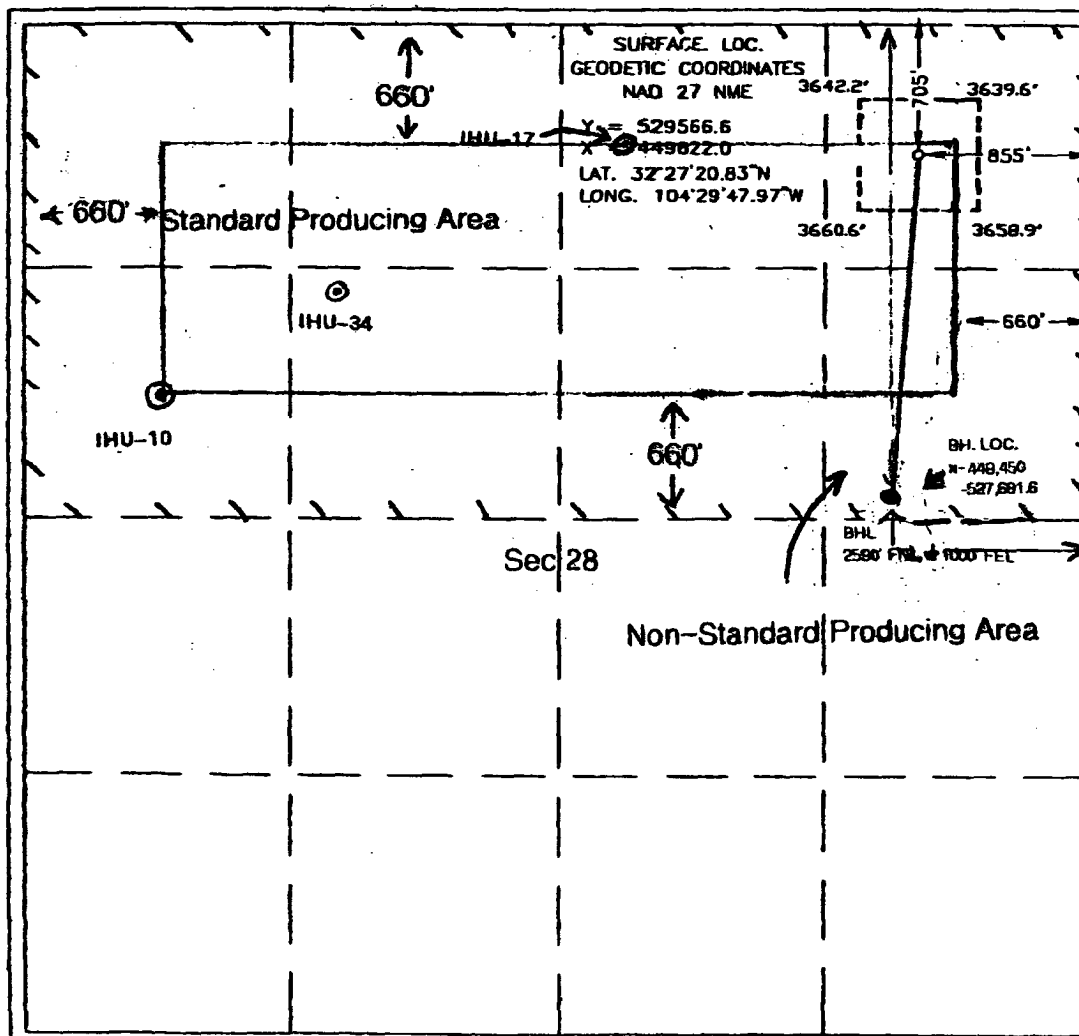
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | Cou |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-----------|
| A | 28 | 21-S | 24-E | | 705' | NORTH | 855' | EAST | ED |

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 | Cou |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-----------|
| H | 28 | 21-S | 24-E | | 2590' | NORTH | 1000' | EAST | ED |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 320 N/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



OPERATOR CERTIFICATION

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

Mike Mick
Signature

Mike Mick
Printed Name

DDV SR. Eng. Tech
Title

5-21-04
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under supervision, and that the same is true, correct to the best of my belief.

AUGUST 13, 2002

Date Surveyed: AW

Signature & Seal of
Professional Surveyor

Gary J. Edmon 3/7/0
02.11.0576

Certificate No. RONALD J. EIDSON 32
GARY EIDSON 12

