



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor

Joanna Prukop
Cabinet Secretary
Acting Director
Oil Conservation Division

20 February 2006

Marathon Oil Company
P. O. Box 3487
Houston, Texas 77253-3487

*P/A OK To
Release
3/22/06
[Signature]*

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Form C-103 Report of Plugging for your North Indian Basin Unit # 11 O-2-21-23 API 30-016-28232
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 closed as per Rule 50.
- ☒ 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.
- ☒ 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

Field Supervisor
Title

[Signature]
Name
Field Rep. II

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

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

Form C-103
May 27, 2004

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.)		WELL API NO. 30-025-28232
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Marathon Oil Company		6. State Oil & Gas Lease No. E-10170
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487		7. Lease Name or Unit Agreement Name: North Indian Basin Unit
4. Well Location Unit Letter O : 660 feet from the South line and 1980 feet from the East line Section 2 Township 21S Range 23E NMPM County Eddy		8. Well Number 11
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3771' GL		9. OGRID Number 14021
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		10. Pool name or Wildcat Wolfcamp / S. Dacser Draw U. Perm

12. 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 type="checkbox"/>	PLUG AND ABANDONMENT <input 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: Drill to Morrow / Plug & Abandon <input checked="" 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.

Marathon Oil Company has abandoned attempts to deepen the North Indian Basin Unit No. 11 to the Morrow pool. Please see attachment for details of well work performed.

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

SIGNATURE Charles E. Kendrick TITLE Engineering Technician DATE 01/21/2004
Type or print name Charles E. Kendrick E-mail address: cekendrix@marathonoil.com Telephone No. 713-296-2096

For State Use Only

APPROVED BY [Signature] TITLE _____ DATE MAR 23 2006

Conditions of Approval, if any:

North Indian Basin Unit No. 11
Attempt to deepen to Morrow/ P & A well

08/05/2004 Move in rigged up workover unit. Blew down well. Released on/off tool and pumped water to kill well. Released packer. Well kicked and had to be blown down again. POOH laying down tubing. SI

08/06/2004 Laid down remaining 2 3/8" production tubing. PU 6 1/8" bit, motor, MWD, 24 4 3/4" drill collars, & 207 jts 3 1/2" drill pipe. Tagged up bottom of lateral @ 7401'. Drill to 7417'. MWD failed. POOH change out MWD tool.

08/07/2004 RIH drilled 7417' to 7546'. Lost all returns. Drilled t/ 7556'. POOH. PU steering tool & UBHO sub.

08/08/2004 Dry drilled 7556' to 7820'. Drilled 7820' to 7940' w/ 40% returns. Stuck pipe @ 7940'. Fished steering tool.

08/09/2004 Worked stuck pipe. Pumped 1000 gals CCS sour acid down drill pipe. Work drill pipe. Ran free point. Stuck below 7540'. Back off pipe @ 7484'. POOH w/ pipe. Recovered 11 drill collars of 24. RIH /bumper sub, jars, and fishing tools. Engage fish @ 7484'.

08/10/2004 Jarring on fish no movement. RIH w/ wireline perforate drill collars @ 7596'. Pumped down drill pipe. Pressured to 2000 psi. Small bleed off. Manually back off sub @ 7484'. Circulated hole clean. Pumped 24 bbls acid down drill pipe. Displaced 2 bbls of acid on annulus side. Screwed into fish @ 7484' pumped remaining 22 bbls down drill pipe to perfs or motor and bit. Jarred on fish no movement.. Perforated drill collars f/ 7652' to 7816'. Run free point. 100% stuck below screw in sub @ 7484'. Fill around jars indication of Wolfcamp falling in. In drill pipe w/ 1.9" CIBP. Set @ 7834'. Pumped 61 bbls of 15% CCS acid. CIPB not holding.

08/11/2004 Dropped wiper plug and pumped to bottom. Ran sinker bar and tagged wiper @ 7730' Pushed wiper to CIBP @ 7834'. Attempted to work pipe and jarred on fish. No movement. **Decided to back off and abandon hole.** Attempted to manually back off, failed. Ran string shot and backed off @ 7455' (top of fishing jars) POOH w/ drill pipe, laid down 10 4 3/4" drill collars. RIH open ended w/ drill pipe.

08/12/2004 Ran drill pipe to 7149'. Spotted cement plug f/ 7149' to 56765'. (1384' plug) w/ 305 sks Premium Cement + .03 % Halad mixed at 15.6 ppg, 1.8 cuft/sx yield. Pulled 76 jts drill pipe and reversed out. RIH tagged cement @ 5800'. Laid down 3 jts drill pipe.

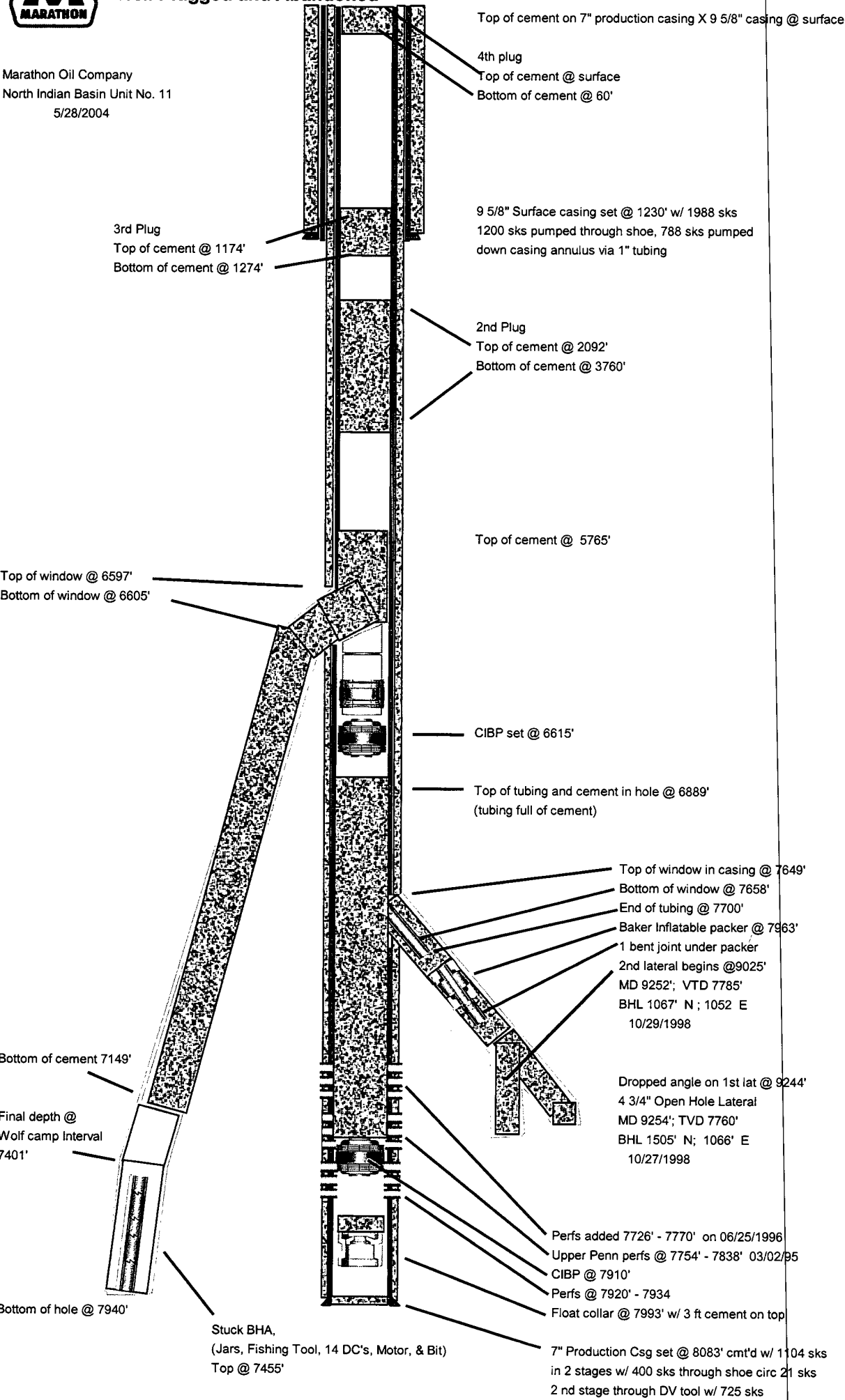
08/14/2004 Laid down 116 jts drill pipe. Ran drill pipe out of derrick to 3760'. Spotted cement plug from 3760' to 2092' (1668' plug) w/ 345 sks Premium Cement mixed @ 15.6 ppg, 1.18 cuft/sx yield. Pulled 60 jts drill pipe to 1900'. Reversed out. Laid down 58 joints drill pipe. RIH w/ 40 joints to 1274'. Spotted cement plug f/ 1274' to 1174' (100' plug) w/ 25 sks Premium Cement + 2% CaCl mixed @ 15.6 ppg, 1.18 cuft/sx yield. RIH tagged top of plug @ 1174'. Laid down 40 joints drill pipe. Nipped down BOP. Spotted cement plug f/ 60' to surface w/ 15 sks Premium Plus Cement + 2 CaCl mixed @ 15.6 ppg, 1.18 cuft/sx yield. Install dead hole tree.

08/31/2004 Removed well head. Cemented 95/8" X 7" annulus f/ 110' to surface w/ ready mix cement. Welded plate on 7" casing stub, Installed dry hole marker.



North Indian Basin Unit No. 11
Well Plugged and Abandoned

Marathon Oil Company
North Indian Basin Unit No. 11
5/28/2004



Well Name & Number	North Indian Basin Unit No. 11		Lease	E - 10170			
County or Parish:	Eddy	State/Prov.	New Mexico	Country:			USA
Perforations: (MD)			(TVD)				
Date Completed:		5/28/2004				RKB:	
Prepared By:	Charles E. Kendrix		Last Revision Date:	01/24/05			