

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 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
 May 27, 2004

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

WELL API NO. 30-025-00977
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 2469
7. Lease Name or Unit Agreement Name State K
8. Well Number 2
9. OGRID Number 372098
10. Pool name or Wildcat Vada Lane Penn

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK AN
 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 Permian, LLC

3. Address of Operator
 5555 San Felipe Houston, TX 77056

4. Well Location
 Unit Letter A : 660 feet from the FNL line 660 feet from the FEL line
 Section 2 Township 10S Range 33E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 4274 KB

Pit or Below-grade Tank Application or Closure
 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 _____

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 checked="" 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"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/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.

- 5 1/2 CIBP @ 8650' w/35sx cmt.
- 35sx 6500' - 6400' P.S.
- 40sx 4048' - 3948' P.S & tag.
- 35sx 3000' - 2900' P.S.
- 35sx ~~2000'~~ 1900' P.S. 1600-1250 TOP OF SALT
- 35sx 1200' - 1100' P.S.
- 105sx 385' - Surf. P.S. Verify. Install DHM. Below ground marker L P C A
 Send pics Before Back Fill

See Attached
 Conditions of Approval

P&A mud between all plugs.
 Closed loop.
 All fluids to licensed facility.

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 [Signature] TITLE Agent DATE 3-5-19

Type or print name: Brody Pinkerton E-mail address: Brody@maverickwellpluggers.com Telephone No.: 432-458-3780
For State Use Only

APPROVED BY: Kerry Fater TITLE Compliance Officer A DATE 3-8-19
 Conditions of Approval (if any):

Marathon Oil Corporation

VERTICAL WELLBORE DIAGRAM

State K #002
 Lea County, New Mexico
 SL: 660'FNL, 660'FEL
 Sec A-02-10S-33E
 BHL: Vertical
 Sec A-02-10S-33E

API No. 30-025-00977

17-1/2" hole cmt, circ

12-1/4" hole cmt, circ

7-7/8" hole cmt, TOC @ 8210'

2-3/8" TBG 0-8866'

TAC @ 8644'

Perfs 8785'-8809'

CIBP @ 9400'

W/35' cement 12-8-87

Perfs 9649'-9659'

CIBP @ 9763'

Perfs 9790'-9806'

PBTD @ 9365'

PBTD 9365'

TD 9850'

Casing					
Size	No Jts	Wt	Grade/Thrds	Depth Set (MD)	Depth Set (TVD)
13-3/8"		48		335'	
8-5/8"		32		3998'	
5-1/2"		17		9849'	

Description	Length	(MD)	(TVD)
		0.00'	
		0.00'	
		0.00'	
		0.00'	
		0.00'	
		0.00'	

Prior to PSA

20190304 State K #002
30-025-00977

Marathon Oil Corporation

D.H.M.

VERTICAL WELLBORE DIAGRAM

105x385-Surf P.S Verify

State K #002

Lea County, New Mexico
SL: 660'FNL, 660'FEL
Sec A-02-10S-33E
BHL: Vertical
Sec A-02-10S-33E

API No. 30-025-00977

17-1/2" hole cmt, circ

12-1/4" hole cmt, circ

7-7/8" hole cmt, TOC @ 8210'

35x 6500-6400 P.S

CIBP @ 9650 w/ 35x

Perfs 8785'-8809'

CIBP @ 9400'

Perfs 9649'-9659'

CIBP @ 9763'

Perfs 9790'-9808'

PBTD @ 9365'

PBTD 9365'

TD 9850'

Casing

Size	No Jts	Wt	Grade/Thrds	Depth Set (MD)	Depth Set (TVD)
13-3/8"		48		335'	
8-5/8"		32		3998'	
5-1/2"		17		9849'	

35x 1200-1100 P.S

35x 2000-1900 P.S

35x 3000-2900 P.S

405x 4048-3948 P.S + TAG

Description	Length	(MD)	(TVD)
		0.00'	
		0.00'	
		0.00'	
		0.00'	
		0.00'	
		0.00'	

AFTER P&A

GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.