

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-025-34146
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VO-6800-0002
7. Lease Name or Unit Agreement Name Abe Unit
8. Well Number 2
9. OGRID Number 372098
10. Pool name or Wildcat Legg; Atoka-Morrow (Gas)

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 ☐ Gas Well ☒ Other

2. Name of Operator
Marathon Oil Permian LLC

3. Address of Operator
990 Town & Country Blvd. Houston, TX 77024

4. Well Location
 Unit Letter H : 1650 feet from the North line and 660 feet from the East line
 Section 29 Township 21S Range 33E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3703'

12. 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 ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☒
 CASING/CEMENT JOB ☐
 OTHER: ☐

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

4/5/2023 MIRU P&A rig and support equipment
 4/6/2023 Blowdown 1500 psi tbg and 2300 psi csg thru flare (59 mcf). NU BOPE.
 4/7/2023 Attempt to POOH tbg but unable to release packer
 4/10/2023 Released on/off tool, attempt to pump through pkr (plugged off), L/D 383 jts 2-3/8" tbg and stood back 33 stands
 4/11/2023 Bubble test on surf and inter csg (no bubbles), set CIBP @ 14323' on WL (4' above pkr), PT csg 500 psi (good), dump bail 35' on top of CIBP
 4/12/2023 RIH hydrotesting work string to 6800', shut down for rig repairs
 4/13/2023 Continue RIH hydrotesting work string to 13800', circ 450 bbls 10# brine, PT csg 500 psi (good)
 4/14/2023 Pump 25 sxs Class H cement balanced plug at 13776' and WOC
 4/17/2023 Tag TOC at 13621', pump 66 sxs Class H cement balanced plug at 12220'
 4/18/2023 Tag TOC at 11773', pump 25 sxs Class H cement balanced plug at 8586', WOC, tag TOC at 8473', shoot perfs in 7" csg at 5198'
 4/19/2023 Squeeze 40 sxs Class C cement, WOC, RIH to 5248' but didn't tag cement, squeeze 25 sxs Class C w/ microfiber and 2% CaCl, WOC
 4/20/2023 Tag TOC at 5198', squeeze 25 sxs Class C, WOC, RIH and tag TOC 5178', squeeze 25 sxs Class C, WOC, tag TOC at 5088'
 4/21/2023 POOH to 2594' and pump 25 sxs Class C cement balanced plug, WOC, tag TOC at 2489', LD all tbg
 4/24/2023 RIH 4 jts, pump 25 sxs Class C cement at 134', circulate cement to surface

Spud Date:

10/28/1997

Rig Release Date:

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

SIGNATURE Adrian Covarrubias TITLE Adv. Regulatory Compliance Rep. DATE 5/1/2023

Type or print name Adrian Covarrubias E-mail address: acovarrubias@marathonoil.com PHONE: 713-296-3368

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Specialist DATE 05/08/2023

Conditions of Approval (if any): [Signature]

Formations	Plug Depths MD	Depth MD	P&A WBD	Casing / Cmnt Details
	0	0		
	134		Spot 25 sxs Class C Confirm returns @ surf	Conductor
		1,150		Temp survey for 9-5/8" csg shows TOC @ 1150' - cmnt thru 1" w/ 380 sxs Class C
		1,665		13-3/8" 54.5# J-55 csg, cmt with 1650 sxs class C
Rustler - 1,681'				Circ 600 sxs cement to surface
Salado - 1,994'				
	2,489		Spot 25 sxs Class C WOC & Tag	
	2,594			
		3,470		Cement Stage Collar
Yates - 3,531'				
Capitan Reef - 4,317'				
	5,088		P&S 115 sxs Class C WOC & Tag	
Delaware Sand - 5,204'	5,198	5,198		9-5/8" 40# S-95/L-80/K-55 csg, cmt with 1680 sxs lead & 200 sxs lead Cmt 2 stages w/ full returns Class C - 1st @ 200 sxs lead / 200 sxs tail , 2nd stage 700 sxs lead / 200 sxs tail
		6,010		Temp survey for 7" csg - TOC @ 6010'
	8,473		Spot 25 sxs Class H	
Bone Spring - 8,704'	8,708			
1st Bone Spring - 9,962'				
2nd Bone Spring - 10,561'				
3rd Bone Spring - 11,622'	11,773		Spot 66 sxs Class H Balanced Plug	
Wolfcamp - 11,863'		11,858		Top of 4-1/2" liner
		12,148	WOC & Tag	7" 26# P-110/S-95 LTC csg, cmt with 1175 sxs class H
	12,220			
Strawn - 13,355'			Spot 25 sx Class H WOC & Tag	
Atoka - 13,563'	13,621			
Morrow - 13,726'	13,776			
	14,307			35' cement on top of CIBP set w/ bailer on WL
		14,342		CIBP
		14,345		Packer - 4-1/2" OD Hornet EL 10k Retrievable
		14,467		Perforated jt / bull plug
		14,576		Morrow Perforations
		14,805		
		14,830		CIBP w/ 25' cmt on top
		14,840		
		14,844		Morrow Perforations
				PBTD - 14965'
		15,008		4-1/2" 13.5# P-110 LTC liner, cmt with 290 sxs class H

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CONDITIONS

Action 212348

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 212348
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/8/2023