

Submit 1 Copy To Appropriate District 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
APR 16 2018

WELL API NO. 30-025-44043
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name ABE STATE
8. Well Number 1H
9. OGRID Number 372098
10. Pool name or Wildcat WC-025 G-07 S213330F; BONE SPRING

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
5555 San Felipe St., Houston, TX 77056

4. Well Location
Unit Letter B : 240 feet from the NORTH line and 1980 feet from the EAST line
Section 32 Township 21S Range 33E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3727' GR

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"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

MIRU, Spud, 12/30/2017, Drill 17.5" hole to 1687', run 13 5/8" csg, cement casing, NU BOP, pressure test annular (250/2500), valves (250/5000). Pressure test casing to 1520 psi for 30 min., 18 psi drop, test good. Drill 12 1/4" hole to TD 5,089', run 9 5/8" csg, cement casing, pressure tests casing to 1500 psi for 30 min, 49 psi drop, test good. Drill 8 3/4" hole to 16,007', run 5 1/2" casing, cement. PU equipment, RDMO. 1/30/2018.

Pressure test for the 5 1/2" casing will be done during completions.

Spud Date:

12/30/2017

Rig Release Date:

1/30/2018

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

SIGNATURE Jennifer Van Curen TITLE Sr. Regulatory Compliance Representative DATE 4/2/2018
Type or print name Jennifer Van Curen E-mail address: jvancuren@marathonoil.com PHONE: 713-296-2500

For State Use Only

APPROVED BY: Karen Sharp TITLE Staff Mgr DATE 4-17-18
Conditions of Approval (if any):

Wellbore Schematic

Well Name: ABE STATE 1H

State/Province NEW MEXICO	Prospect Area RANGER	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.441852	Longitude (°) -103.591979
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status COMPLETION	Ground Elevation (ft) 3,727.00	KB-Ground Distance (ft) 26.50		

HORIZONTAL - ABE STATE 1H, 4/2/2018 10:59:33 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
-44.3	-44.3	0.0	
-5.6	-5.6	0.0	
-4.6	-4.6	0.0	
-3.0	-3.0	0.0	
26.6	26.6	0.0	
27.2	27.2	0.1	
28.9	28.9	0.1	
29.2	29.2	0.1	
146.7	146.7	0.3	
1,561.0	1,560.9	0.7	
1,596.5	1,596.4	0.7	
1,598.1	1,598.0	0.7	
1,675.2	1,675.1	0.7	
1,676.8	1,676.7	0.7	
1,687.0	1,686.9	0.7	
1,726.0	1,725.9	0.8	
1,753.3	1,753.2	0.9	
4,975.4	4,974.6	0.9	
4,977.0	4,976.2	0.9	
5,063.3	5,062.5	1.0	
5,065.0	5,064.1	1.0	
10,431.1	10,429.3	0.4	
10,480.5	10,448.7	0.4	
13,889.4	11,057.3	87.8	
13,889.4	11,058.1	87.8	
15,931.4	11,007.4	94.5	
15,932.7	11,007.3	94.5	
15,976.4	11,003.9	94.5	
15,978.0	11,003.7	94.5	

Directions to Well: From Carlsbad, NM, at the intersection of W. Greene st. And N. Canal st. head east on W. Greene street for 32.4 miles turning right on to NM-176 E. Travel SE on NM-167 E. For 6.4 miles to a lease road on the right. Travel south on Lease road for 0.6 miles to the right. Travel southwest on lease road for 0.5 miles to a lease road left. Travel on lease road for 1.9 miles to Delaware basin rd. On the left. Travel southeast on delaware basin road for 233 feet to a lease road on the left. Travel on lease road for 2.2 miles to delaware basin road on the left. Travel delaware basin road for 1.4 miles to a lease road on the left. Travel on lease road for 1.7 miles to proposed well being 795 feet to the left.