

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

WELL API NO. 30-015-43869
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 Cass 16 State
8. Well Number 3H
9. OGRID Number 372098
10. Pool name or Wildcat Purple Sage; Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3160

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 Street, Houston, TX 77056

4. Well Location
 Unit Letter **E** : **1983** feet from the **North** line and **126** feet from the **West** line
 Section **16** Township **23S** Range **27E** NMPM County **Eddy**

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 6/26/2017 Spud well on 7/1/2017. Drill 17.5" surface to 432', circulate, NMOCD notified of csg and cmt jobs, run 13 3/8" csg to 417', cement casing. Install well head, NU, test BOP, annular 250 low and 2500 high, test good. Tested casing at 1200 psi for 30 min with 0% drop. Drill 12 1/4" hole to 1975' and NMOCD notified of csg and cmt jobs, run 9.625" casing to 1964' and cement and pressure test. Drilled 8 3/4" hole to 9057', run 7" casing to 9045.5', cement and pressure test. Install pack off and test casing. Drill 6 1/8" lateral, NMOCD notified of csg and cmt jobs, run 4.5 casing and pressure test. Rig released 7/20/2017.

See attachment for additional cement and casing information.

NM OIL CONSERVATION
 ARTESIA DISTRICT
 DEC 04 2017

RECEIVED

Spud Date: **7/1/2017**

Rig Release Date: **7/20/2017**

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

SIGNATURE  TITLE **Regulatory Compliance Rep** DATE **11/27/2017**

Type or print name **Melissa Szudera** E-mail address: **mszudera@marathonoil.com** PHONE: **713-296-3179**

For State Use Only

APPROVED BY:  TITLE **STAFF** DATE **12-5-17**
 Conditions of Approval (if any):

Cass 16 State 3H - Casing and Cement Operations

Casing detail	Surface	Intermediate 1	Intermediate 2	Liner
Date	7/1/2017	7/4/2017	7/10/2017	7/18/2017
Hole size	17.5	12.25	8.75	6.125
Casing size	13.375	9.625	7	4.5
Weight	48	40	29	13.5
Type	J55	J55	P110-IC	P-110
Thread	STC	BTC	TXP	BTC
Depth (MD)	417	1964	9045.5	13775
Amount jnts	9	45	213	127
Cement detail	Surface	Intermediate 1	Intermediate 2	Liner
Date	7/1/2017	7/4/2017	7/10/2017	7/19/2017
Top depth KB	25	25	25	8426.8
Bottom depth KB	432	1975	9057	13777
Lead sks	0	558	700	0
Tail sks	500	1338	45	552
Gel spacer	20	20	20	20
Class	C	C	C	Versacem
Circulate to surface (bbls)	55	76	60	30
WOC to 500 psi		10	6	5.5
Top meas. method	Circulated	Circulated	Circulated	Circulated
TOC	25	25	25	8426.8
Pressure testing	Surface	Intermediate 1	Intermediate 2	Liner
Date	7/2/2017	7/4/2017	7/11/2017	7/19/2017
PSI	1200	1500	2514	2190
Time (min)	30	30	30	30
Bled off	0%	0%	9.50%	0%
Good test	Yes	Yes	Yes	Yes