

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

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

Form C-103
Revised July 18, 2013

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. 30-015-43869
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 Permian, LLC.		6. State Oil & Gas Lease No.
3. Address of Operator 5555 San Felipe Street, Houston, TX 77056		7. Lease Name or Unit Agreement Name Cass 16 State
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		8. Well Number 3H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3160		9. OGRID Number 372098
		10. Pool name or Wildcat Purple Sage; Wolfcamp

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 06 2017

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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 Melissa Szudera 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: [Signature] TITLE Staff Mgr DATE 12-8-17
Conditions of Approval (if any):

Cass 16 State 3H - Casing and Cement Operations				
Casing detail	Surface	Intermediate	Intermediate	Deep
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	Intermediate	Deep
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	Intermediate	Deep
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

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