

Submit 1<sup>st</sup> 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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-015-44328
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		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 Rd Houston, TX 77057		7. Lease Name or Unit Agreement Name Southern Comfort 25 36 State X
4. Well Location Unit Letter <u>1</u> : <u>2404</u> feet from the <u>FSL</u> line and <u>1236</u> feet from the <u>FEL</u> line Section <u>25</u> Township <u>24S</u> Range <u>28E</u> NMPM EDDY County		8. Well Number 002H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2916		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:

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.

Spud 8/29/17: Drill 17.5" to 428', run 13.375" csg, cement to surface with 1" from 150' to surface (contacted state at 1430 hrs 8/30/17-left message), circulate 7 bbls, NUBOP test, 250 low 5000 high double ram/250 low 2500 high for annular, test good. Drill 12.25" section to 2667', run 9.625" csg, cement to surface, 8.725" to 9924', notified state of csg run @ 11:31, run 7" csg, notified state of cement job @ 02:00, cement csg, did not get cmt to surface, contacted state with plan at 21:15 9/10/17, pump 40 bbls gel with dye spacer, pump lead cement, pump displacement, returns observed to est. 1400', dye was observed at surface. Set Pack off lock, test pack off and chart to 5000 psi, test good. Drill 6.125 lateral to 17080 TD, notified State at 17:30 9/22/17, run 4.5 liner to 17055', notified state at 22:45 of upcoming cement job on liner, liner top 9252, cement liner to surface. RDMO. (SEE DETAIL SHEET FOR CASING, CEMENT, AND PRESSURE TESTS.)

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

NOV 22 2017

Spud Date:

8/29/17

Rig Release Date:

9/25/17

RECEIVED

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 DATE 11/21/17

Type or print name Jennifer Van Curen E-mail address: jvancuren@marathonoil.com PHONE: 713 296 2500

**For State Use Only**

APPROVED BY: [Signature] TITLE Staff Mgr DATE 12-19-17  
Conditions of Approval (if any):

Marathon Southern Comfort 25-36 & State 2H  
30-0544328

Casing detail	Surface	Intermediate	Production	Liner
Date	8/29/2017	9/2/2017	9/8/2017	9/23/2017
Hole size	17.5	12.25	8.725	5.5
Casing size	13.375	9.625	7	4.5
Weight	54.5	40	29	13.5
Type	J55	L80	P-110	P110IC
Thread	BTC	BUTTRESS	TXP	TXP
Depth	416.5	2660.9	9924	17055
Amount	10	58	215	182
Cement detail				
Date	8/30/2017	9/2/2017	9/9/2017	9/23/2017
Top depth KB	28.5	28.5	1400	9222
Bottom depth KB	428	2667	9934	17080
Lead sks	820	870	820	
Tail sks		170	195	795
Gel spacer	20 bbls	7 bbls	40 bbls with dye	30 bbls
Class	C	C	C	Versacem H
Circulate to surface (amt)	1" cement to surface-state notified 29 bbls	105 bbls	No	No
WOC to 500 psi	8	6.21	9.47 lead/6.19 tail	7.56
Top meas. method	Temp log	Circulate	Estimated	Full Return
TOC	Surface	Surface	1400	Surface
Pressure testing				
Date	9/1/2017	9/3/2017	9/11/2017	9/24/2017
PSI	1537	1530	4000	2500
Time	30	30	30	30
Bled off	1476 / .04%	1505 / .02%	3934 / .02%	2500
Good test	yes	yes	yes	yes

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