

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. 30-015-44328
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 Southern Comfort 25 36 State X
8. Well Number 002H
9. OGRID Number 372098
10. Pool name or Wildcat Purple Sage Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2916

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 Rd
Houston, TX 77057

4. Well Location
 Unit Letter 1 : 2404 feet from the FSL line and 1236 feet from the FEL line
 Section 25 Township 24S Range 28E NMPM EDDY County

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.

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: Rig Release Date:

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 bbbls	7 bbbls	40 bbbls with dye	30 bbbls
Class	C	C	C	Versacem H
Circulate to surface (amt)	1" cement to surface-state notified 29 bbbls	105 bbbls	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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ARTESIA DISTRICT

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