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DEC 13 2018

DISTRICT OF ARTESIA O.C.D.

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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-105
Revised April 3, 2017

1. WELL API NO.
30-015-45038
2. Type of Lease
☐ STATE ☒ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)
☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
FIDDLE FEE 24 28 23 WD

6. Well Number:
8H

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
Marathon Oil Permian LLC

9. OGRID
372098

10. Address of Operator
5555 San Felipe St., Houston, TX 77056

11. Pool name or Wildcat
PURPLE SAGE; WOLFCAMP (GAS)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	E	23	24S	28E		1721	N	282	W	EDDY
BH:	A	23	24S	28E		1005	N	286	E	EDDY

13. Date Spudded
7/29/2018

14. Date T.D. Reached
9/30/2018

15. Date Rig Released
10/3/2018

16. Date Completed (Ready to Produce)
11/21/2018

17. Elevations (DF and RKB, RT, GR, etc.)
2996' GL

18. Total Measured Depth of Well
15460' / 10601'

19. Plug Back Measured Depth

20. Was Directional Survey Made?
Yes

21. Type Electric and Other Logs Run
MUD GR

22. Producing Interval(s), of this completion - Top, Bottom, Name
10,589' - 15,323'; WOLFCAMP

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5 / J55	575'	17 1/2"	670	279
9 5/8"	36 / J55	2606'	12 1/4"	780	24
7"	29 / P110	9578'	8 3/4"	802	12
4 1/2"	13.5 / P110	15448'	6 1/8"	620	28

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4 1/2"	9285' 9270	15448'	620	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

10,589' - 15,323'; 0.36"; 990 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,589' - 15,323'	13,298,420 lbs - 40/70; 100 Mesh
	16,034 gal - 15% HCl Acid

28. PRODUCTION

Date First Production
11/22/2018

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing

Well Status (Prod. or Shut-in)
Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/2/2018	24	26		601	4669	2184	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
0	3200					

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

sold

30. Test Witnessed By

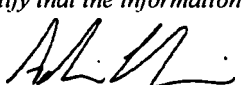
31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature  Printed Name **Adrian Covarrubias** Title **CTR - Technician HES** Date **12/10/2018**

E-mail Address **acovarrubias@marathonoil.com**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Geological Tops

Fiddle Fee 24 28 23 WD 8H

Surface	0
Salado	533
Base Salt	2408
Delaware Sands (Bell Canyon)	2649
Cherry Canyon	3500
Brushy Canyon	4752
Bone Spring	6267
First Bone Spring	7176
Second Bone Spring	8034
Third Bone Spring	9103
Wolfcamp	9455



Wellbore Schematic

Well Name: FIDDLE FEE 24 28 23 WD 8H

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name PURPLE SAGE	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.205881	Longitude (°) -104.065566
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 2,996.00	KB-Ground Distance (ft) 27.00		

HORIZONTAL - FIDDLE FEE 24 28 23 WD 8H, 10/4/2018 2:37:17 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
26.9	26.9	0.5	Des: Conductor Cement; Depth MD: 27.0-147.0 ftKB; Date: 6/1/2018	No. 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 27.0-147.0 ftKB; Length: 120.00 ft
27.6	27.6	0.5		
28.2	28.2	0.5	Des: Surface Cement; Depth MD: 27.0-574.7 ftKB; Date: 7/30/2018	No. 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 27.0-574.7 ftKB; Length: 547.74 ft
147.0	147.0	0.5		
529.9	529.7	2.3	Des: Intermediate Casing Cement; Depth MD: 27.0-2,605.6 ftKB; Date: 8/12/2018	No. 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.921 in; Depth MD: 27.0-2,605.6 ftKB; Length: 2,578.56 ft
531.9	531.3	2.3		
572.8	572.6	2.3	Des: Intermediate Casing Cement; Depth MD: 27.0-9,577.7 ftKB; Date: 8/17/2018	No. 4; Des: Intermediate 2; OD: 7.000 in; ID: 6.184 in; Depth MD: 27.0-9,577.6 ftKB; Length: 9,550.64 ft
574.6	574.6	2.3		
2,560.7	2,544.3	9.0	Des: Liner Cement; Depth MD: 9,265.0-15,448.0 ftKB; Date: 10/2/2018	No. 5; Des: Production 1; OD: 4.500 in; ID: 2.560 in; Depth MD: 9,264.8-15,448.0 ftKB; Length: 6,183.21 ft
2,562.3	2,545.9	9.0		
2,603.7	2,586.7	8.8		
2,605.6	2,588.7	8.7		
9,284.2	9,207.6	1.3		
9,288.1	9,208.0	1.3		
9,331.2	9,224.0	1.3		
9,334.4	9,227.3	1.3		
9,390.7	9,233.5	1.3		
9,392.3	9,235.2	1.2		
9,412.0	9,255.8	1.2		
9,434.0	9,296.8	1.1		
9,632.1	9,475.9	0.9		
9,634.4	9,477.3	0.9		
9,878.1	9,518.9	1.0		
9,877.8	9,520.6	1.1		
15,387.0	10,590.2	84.4		
15,260.9	10,590.5	84.3		
15,401.8	10,594.8	83.8		
15,400.2	10,594.9	83.8		
15,404.8	10,595.1	83.8		
15,445.5	10,599.5	83.8		
15,448.0	10,599.8	83.8		

Directions to Well: From the Allsup's Convenience Store in Loving, NM, head south on US Hwy 285 for 5.9 miles Turn left heading east for 114 feet onto the northwest corner of the Chicken Fry 22 Fed Com #1H well pad location. Turn right heading south for J82 feet leaving the southwest corner of said well location pad and entering a caliche road. Continue on caliche road heading east for 0.2 miles and entering the northwest corner of the Fiddle Fee 24-28-23 WO #4H-WD #8H-WD#7H-WD#JH well location pad.