

RECEIVED
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 DISTRICT II-ARTESIA O.B.

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. 30-015-44627									
		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 GRAVEL GRINDER FEE 23 28 18 WXY									
		6. Well Number: 3H									
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							
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	M	18	23S	28E		353	FSL	1265	FWL	EDDY	
BH:	D	18	23S	28E		286	FNL	362	FWL	EDDY	
13. Date Spudded 4/12/2018	14. Date T.D. Reached 5/27/2018	15. Date Rig Released 5/29/2018		16. Date Completed (Ready to Produce) 9/16/2018		17. Elevations (DF and RKB, RT, GR, etc.) 3,080' GR					
18. Total Measured Depth of Well 14,150' / 9,413'		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 9,834' - 14,050'; WOLFCAMP											
23. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
S 13 3/8"		54.5		408'		17 1/2"		494		190	
T 9 5/8"		36		2,525'		12 1/4"		987		260	
P 7"		29		9,786'		8 3/4"		915		179	
L 4.50"		13.5 P110		14145"		11.125"		536		C	
24. LINER RECORD							25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET				
4 1/2"	8,867'	14,145'	536								
26. Perforation record (interval, size, and number) 9,834' - 14,050'; 0.36"; 840 shots							27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 9,834' - 14,050' 10,849,440 lbs - 40/70; 100 Mesh 12,065 gal - 15% HCl Acid				
28. PRODUCTION											
Date First Production 9/17/2018		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing					
Date of Test 9/27/2018	Hours Tested 24	Choke Size 42	Prod'n For Test Period	Oil - Bbl 1959	Gas - MCF 4815	Water - Bbl. 3350	Gas - Oil Ratio				
Flow Tubing Press. 0	Casing Pressure 1650	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)					
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:											
Latitude							Longitude		NAD83		
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		Title		Date					
[Signature]		Adrian Covarrubias		CTR - Technician HES							
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. Blinbry	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. 3, from.....to.....

No. 2, 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

Gravel Grinder Fee 23 28 18 WXY 3H

Surface	0
Salado	387
Castile	805
Base Salt	2283
Lamar	2437
Delaware Sands (Bell Canyon)	2467
Cherry Canyon	3225
Brushy Canyon	4429
Bone Spring	5986
FBSG Sand	6872
SBSG Sand	7564
TBSG Sand	8923
Wolfcamp	9246

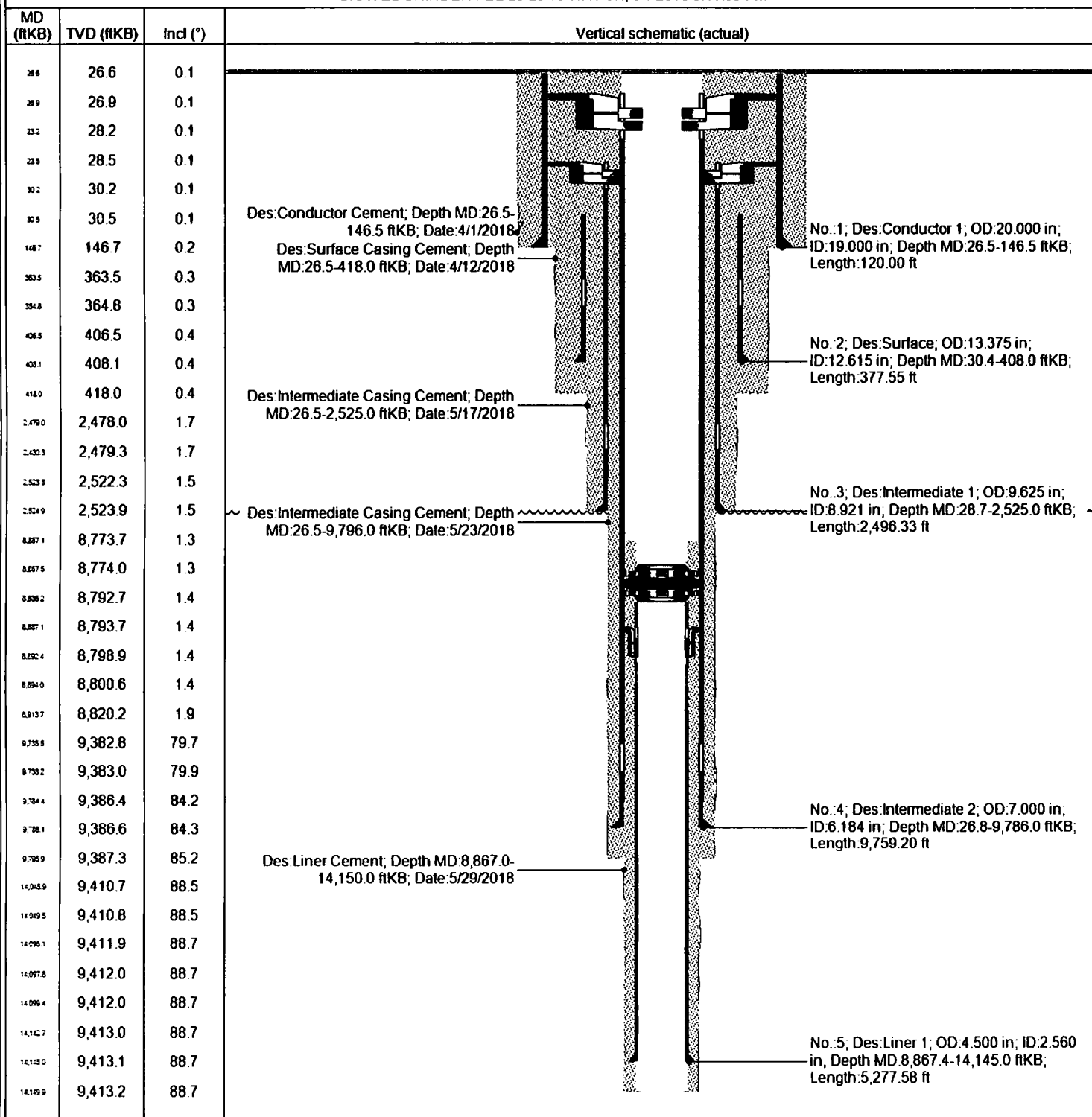


Wellbore Schematic

Well Name: GRAVEL GRINDER FEE 23 28 18 WXY 3H

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name PURPLE SAGE	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.298858	Longitude (°) -104.130512
Well Configuration Type	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 3,080.00	KB-Ground Distance (ft) 26.50		

GRAVEL GRINDER FEE 23 28 18 WXY 3H, 6/1/2018 3:41:09 PM



Directions to Well: FROM THE ALSUP'S CONVENIENCE STORE IN LOVING, NM, HEAD NORTH ON US HWY 285 FOR 0.9 MILES TO W. NEW LONDON RD TURN LEFT ON W. NEW LONDON RD, HEADING WEST FOR 1.7 MILES. THE SOUTHERN GRAVEL GRINDER 23-28-18 WELL LOCATIONS WILL BE TO THE RIGHT ON THE NORTH SIDE OF THE ROAD.