

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. 30-015-44606
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Marathon Oil Permian LLC		6. State Oil & Gas Lease No.
3. Address of Operator 5555 San Felipe St., Houston, TX 77056		7. Lease Name or Unit Agreement Name HERMES FEE 23 28 30 TB
4. Well Location Unit Letter <u>P</u> : <u>368</u> feet from the <u>SOUTH</u> line and <u>788</u> feet from the <u>EAST</u> line Section <u>30</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>EDDY</u>		8. Well Number <u>9H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,205' GR		9. OGRID Number 372098
		10. Pool name or Wildcat CULEBRA BLUFF, BONE SPRING

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, Spud 1/15/2018. Drill 17.5" hole to 549', run 13 5/8" csg, cement casing, NU BOP, pressure test annular (250/500), all others (250/5000). Pressure test casing to 1500 psi for 30 min, 45 psi drop, test good. Drill 12 1/4" hole to TD 2,610', run 9 5/8" csg, cement casing, pressure tests casing to 1500 psi for 30 min, 30 psi drop, test good. Drill 8 3/4" hole to 14,025', run 5 1/2" casing, cement. PU equipment, RDMO. 2/13/2018.

Pressure Test for 5 1/2" casing string will be done during completions.

FTP and LTP have been moved to unstack the wells.

FTP was moved from 330' FSL & 330' FEL to 330' FSL & 670' FEL
LTP was moved from 330' FNL & 330' FEL to 330' FNL & 653' FEL

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 09 2018

RECEIVED

Spud Date:

1/15/2018

Rig Release Date:

2/13/2018

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 Compliance Representative DATE 4/2/2018

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

For State Use Only

APPROVED BY Raymond W. Padany TITLE Geologist DATE 4-10-18
Conditions of Approval (if any):

ENTERED
18-28-2018



Wellbore Schematic
Well Name: HERMES FEE 23 28 30 TB 9H

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.269678	Longitude (°) -104.120128
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status COMPLETION	Ground Elevation (ft) 3,123.00	KB-Ground Distance (ft) 26.50		

HORIZONTAL - HERMES FEE 23 28 30 TB 9H, 4/2/2018 12:17:45 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
26.6	26.6	0.1		No.1; Des:Casing 1; OD:0.000 in; ID:0.000 in; Depth MD:0.0 ftKB; Length:0.00 ft
28.2	28.2	0.1		No.2; Des:Conductor 1; OD:20.000 in; ID:19.000 in; Depth MD:26.5-46.5 ftKB; Length:20.00 ft
29.5	29.5	0.1		Des:Conductor Cement; Depth MD:26.5-46.5 ftKB; Date:1/1/2018
46.6	46.6	0.1		Des:Surface Casing Cement; Depth MD:26.5-579.0 ftKB; Date:1/16/2018
536.7	536.7	0.6		No.3; Des:Surface; OD:13.375 in; ID:12.615 in; Depth MD:26.4-579.0 ftKB; Length:552.55 ft
538.0	538.0	0.6		Des:Intermediate 1 Casing Cement; Depth MD:26.5-2,600.5 ftKB; Date:2/2/2018
577.4	577.4	0.7		No.4; Des:Intermediate 1; OD:9.625 in; ID:8.835 in; Depth MD:26.5-2,600.5 ftKB; Length:2,574.00 ft
579.1	579.1	0.7		Des:Production Casing Cement; Depth MD:26.5-14,025.0 ftKB; Date:2/12/2018
2,553.1	2,557.1	2.1		No.5; Des:Production 1; OD:5.500 in; ID:4.778 in; Depth MD:26.5-14,012.0 ftKB; Length:13,985.46 ft
2,558.7	2,558.7	2.1		
2,592.8	2,597.8	2.0		
2,600.4	2,599.4	1.9		
8,713.5	8,694.1	2.2		
8,733.5	8,714.1	2.1		
11,881.9	9,317.3	86.6		
11,885.5	9,317.6	86.5		
13,903.2	9,304.0	90.9		
13,912.7	9,303.9	91.1		
13,919.0	9,303.9	91.2		
13,963.6	9,302.6	92.0		
13,984.6	9,302.6	92.0		
14,009.2	9,301.0	92.1		
14,012.1	9,300.9	92.1		
14,024.9	9,300.4	92.1		

Directions to Well:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 15011	³ Pool Name CULEBRA BLUFF, BONE SPRING
⁴ Property Code	⁵ Property Name HERMES FEE 23-28-30 TB	⁶ Well Number 9H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC	⁹ Elevation 3205

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	T23S	R28E		368	SOUTH	788	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	T23S	R28E		285	NORTH	653	EAST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>¹⁶</p> <p>SECTION 24 SECTION 19</p> <p>SECTION 25 SECTION 30</p> <p>BOTTOM HOLE LOCATION 14,025 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST X:607192.24' / Y:466585.55' LAT:32.28253803N / LON:104.12023466W NAD 27, SPCS NM EAST X:666009.55' / Y:466526.62' LAT:32.28241773N / LON:104.118973860W</p> <p>LAST TAKE POINT 13,980 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST X:607191.00' / Y:466540.95' LAT:32.28241543N / LON:104.12023899W NAD 27, SPCS NM EAST X:666008.31' / Y:466482.02' LAT:32.28229514N / LON:104.11974290W</p> <p>FIRST TAKE POINT 9,315 DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST X:607199.76' / Y:461912.15' LAT:32.26969144N / LON:104.12024037W NAD 27, SPCS NM EAST X:666016.96' / Y:461853.33' LAT:32.26957106N / LON:104.11974473W</p> <p>SURFACE HOLE LOCATION 368' FSL 788' FEL NAD 83, SPCS NM EAST X:607081.10' / Y:461950.67' LAT:32.26979799N / LON:104.12062402W NAD 27, SPCS NM EAST X:665898.30' / Y:461891.85' LAT:32.26967761N / LON:104.12012836W</p>				<p>SECTION 20</p> <p>SECTION 29</p> <p>SECTION 29</p> <p>SECTION 29</p> <p>SECTION 32</p>	
<p>Diagram showing well location and measurements:</p> <p>Diagram labels: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.</p>				<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <u>Jennifer Van Curen</u> Date: <u>4/2/2018</u></p> <p>Printed Name: <u>Jennifer Van Curen</u></p> <p>E-mail Address: _____</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: _____</p> <p>Signature and Seal of Registered Surveyor: _____</p> <p>Certificate Number: _____</p>	

NOTE: ALL DIMENSIONS IN U.S. FEET