

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. Multiple
1. Type of Well: Oil Well <input 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
4. Well Location Unit Letter _____ : _____ feet from the _____ line and _____ feet from the _____ line Section 30 Township 23S Range 28E NMPM County EDDY		8. Well Number Multiple
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 372098
		10. Pool name or Wildcat Multiple

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: Request to commingle <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: DC-1347 <input type="checkbox"/>
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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.

Marathon Oil Permian LLC is requesting approval to commingle different pools on the lease. The value of the oil and gas will not be affected with the approval of this commingle request. Please see the attached pool commingle request. Wells will be accurately measured with daily measurement at separation. Notices have been mailed to all interest owners.

Wells to be commingled:

Name	Location	API	Pool
Hermes Fee 23 28 30 WA 1H	O-30-23S-28E (370 FSL & 1634 FEL)	30-015-44501	Purple Sage; Wolfcamp (98220)
Hermes Fee 23 28 30 TB 3H	O-30-23S-28E (370 FSL & 1684 FEL)	30-015-44503	Culebra Bluff, South; Bone Spring (15011)
Hermes Fee 23 28 30 WXY 5H	O-30-23S-28E (371 FSL & 1584 FEL)	30-015-44502	Purple Sage; Wolfcamp (98220)
Hermes Fee 23 28 30 TB 9H	P-30-23S-28E (368 FSL & 788 FEL)	30-015-44606	Culebra Bluff, South; Bone Spring (15011)
Hermes Fee 23 28 30 WA 10H	P-30-23S-28E (368 FSL & 738 FEL)	30-015-44607	Purple Sage; Wolfcamp (98220)

Spud Date:

Rig Release Date:

Recommend Signature by Director in Am
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 11/8/2018
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 Acting Director DATE 1-14-19
Conditions of Approval (if any):

Revised March 23, 2017

RECEIVED: 1/18/2019	REVIEWER: mtm	TYPE: R	APP NO: PMAM19014 52642
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Marathon Oil Permian LLC

OGRID Number: 372098

Well Name: Hermes Fee 23 28 30 TB 3H, TB 9H, WA 1H, WXY 5H, WA 10H

API: 30-015-44503, 44606, 44501, 44502, 44607

Pool: Culebra Bluff South Bone Spring; Purple Sage Wolfcamp

Pool Code: 15011; 98220

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL

☐ NSP (PROJECT AREA)

☐ NSP (PRORATION UNIT)

☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC

☐ CTB

☐ PLC

☒ PC

☐ OLS

☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX

☐ PMX

☐ SWD

☐ IPI

☐ EOR

☐ PPR

2) **NOTIFICATION REQUIRED TO:** Check those which apply.

A. ☐ Offset operators or lease holders

B. ☒ Royalty, overriding royalty owners, revenue owners

C. ☐ Application requires published notice

D. ☐ Notification and/or concurrent approval by SLO

E. ☐ Notification and/or concurrent approval by BLM

F. ☐ Surface owner

G. ☒ For all of the above, proof of notification or publication is attached, and/or,

H. ☐ No notice required

FOR OCD ONLY

☐

Notice Complete

☐

Application
Content
Complete

- 3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Jennifer Van Curen

Print or Type Name

Signature

11/8/2018

Date

713-296-2500

Phone Number

jvancuren@marathonoil.com

e-mail Address

Chase Rice
Staff Land Professional
Permian Basin



Marathon Oil Permian LLC
5555 San Felipe
Houston, TX 77056
Telephone 713.296.3055
Fax 713.235.8033
cfrice@marathonoil.com

September 25, 2018

DELIVERED VIA:
Overnight Delivery

Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, NM 87504-1148
Attn: Ed Martin

Re: Marathon Oil Permian LLC Application For Surface Commingling
Hermes Fee 23 28 30 WA 10H, WXY 5H, WA 1H, TB 3H, and TB 9H
E/2 of Section 30 T23S-R28E
Eddy County, New Mexico

Dear Mr. Martin,

Marathon Oil Permian LLC ("Marathon") seeks administrative approval to surface lease commingle production according to the provisions of NMAC 19.15.12.10.C from the Purple Sage; Wolfcamp (Gas) Pool (98220) and the Culebra Bluff; Bone Spring, South Pool (15011) from existing and future wells located in the E/2 of Section 30, T23S-R28E, Eddy County, New Mexico, to the Hermes Fee Facility located in the SE/4 of Section 30, T23S-R28E, Eddy County, New Mexico.

The Hermes Fee 23 28 30 WA 10H, WXY 5H and WA 1H are producing from the Purple Sage; Wolfcamp (Gas) Pool (98220) and the Hermes Fee 23 28 30 TB 3H and TB 9H from the Culebra Bluff; Bone Spring, South Pool (15011). Based on current record title, the working interest, royalty interest and overriding royalty interest are identical in each of these wells.

A copy of this application has been sent by certified mail to all affected parties advising them that if they have an objection they must file it in writing with the New Mexico Oil Conservation Division within 20 days from the date the division receives Marathon's application.

Should you have any questions please do not hesitate to contact me at 713-296-3055 or by email at cfrice@marathonoil.com.

Sincerely,

Chase Rice

Chase Rice, CPL
Staff Land Professional - Permian Basin

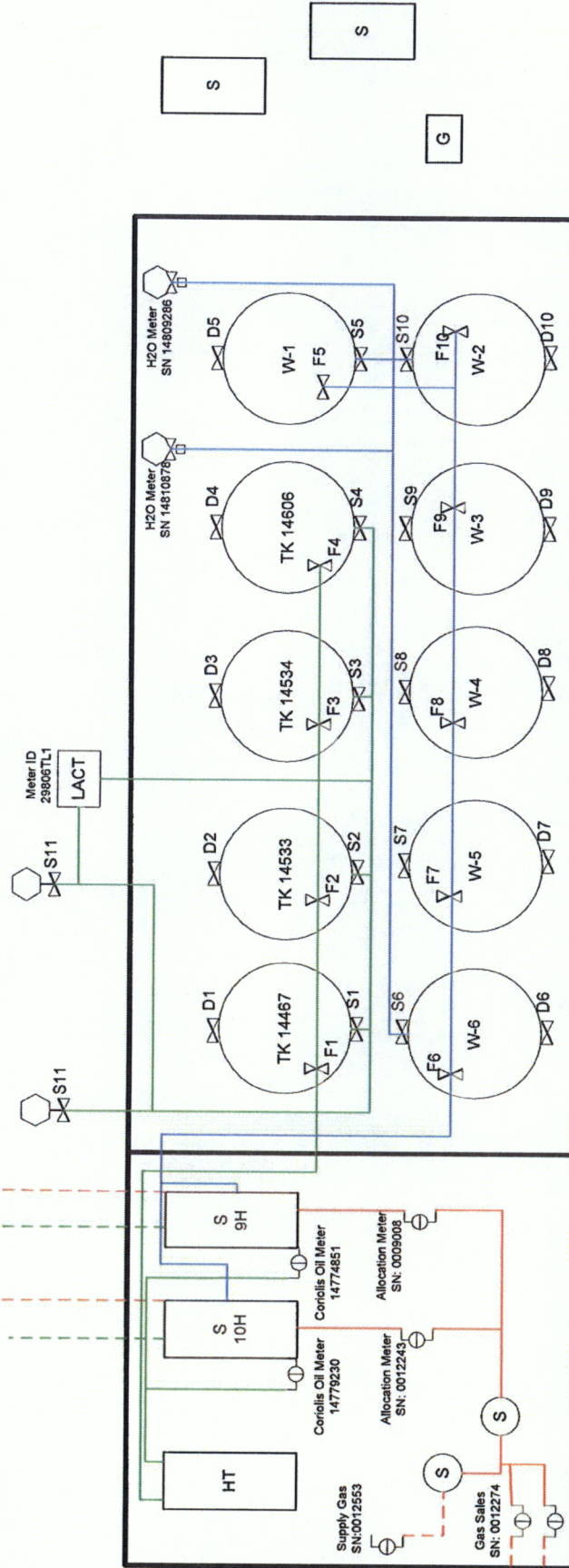
Marathon Oil Permian LLC Application For Surface Commingling
Hermes Fee 23 28 30 WA 10H, WXY 5H, WA 1H, TB 3H and TB 9H Wells



KEYNOTES

W - Water Storage Tank
TK - Oil Storage Tank
S - Separator
HT - Heater Treater
G - Generator

FLARE



Buy Back
SN: 0012230

FIGURE TITLE

HERMES FEE 23 28 30 #9H, 10H CTB

API

30-015-44606

30-015-44607

OPERATOR

MARATHON OIL PERMIAN, LLC
5555 SAN FELIPE ST, HOUSTON, TX 77056

LOCATION

EDDY COUNTY, NM
P-30-T23S-R28E
368 FSL & 788 FEL

LAT 32.269780
LONG -104.120624

DATE SEP 2018

SCALE NOT TO SCALE

DRAWN BY AC

APPROVED BY JVC



Process and Flow Descriptions:

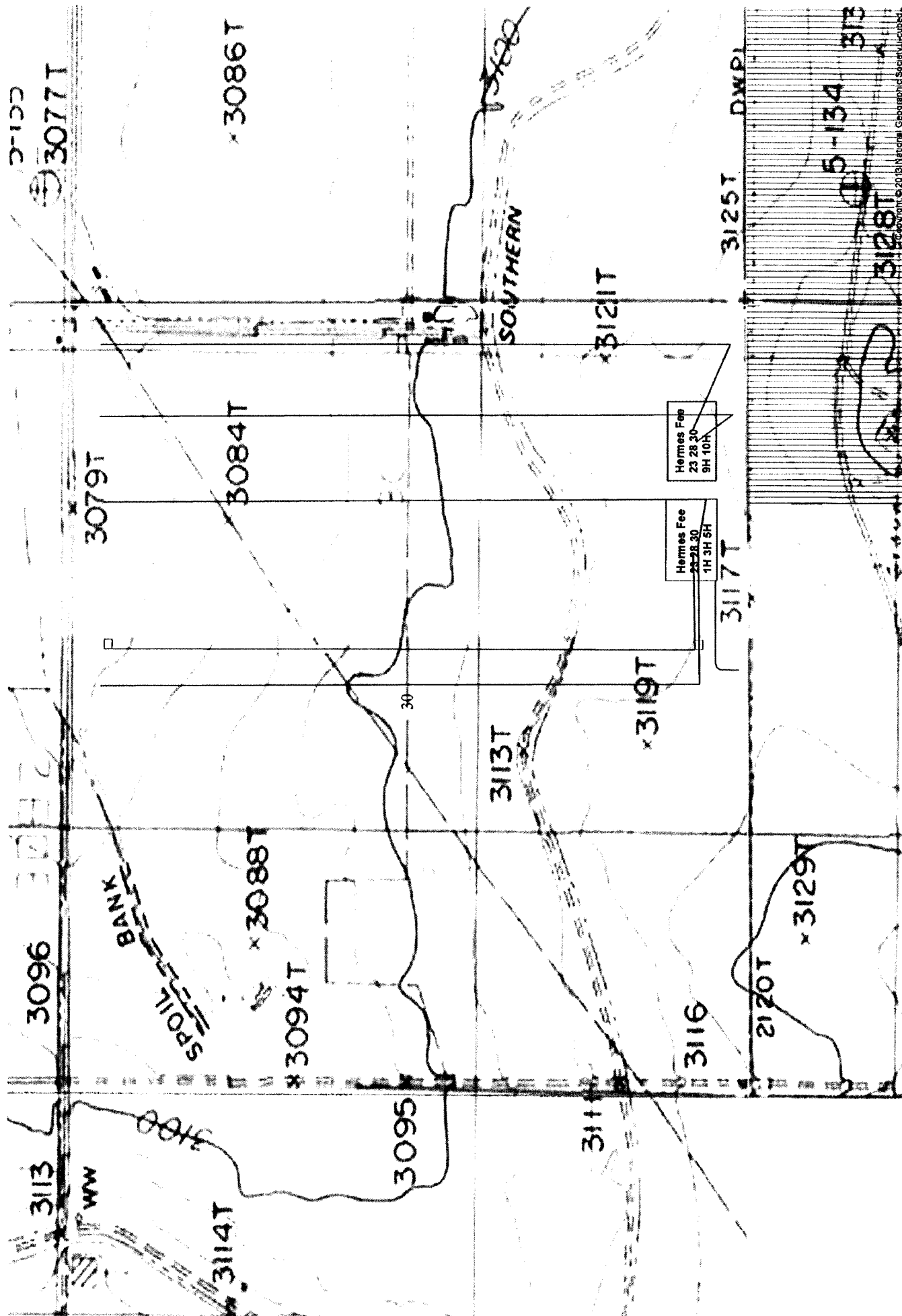
The central tank battery is located on the Hermes Fee 23 28 30 multi-well pad location in Sec 30, T23S, R28E. The production from each well will flow through its own three phase metering separator with a Micro Motion Coriolis Meter to meter the oil, Mag meter to meter the water, and an orifice meter to meter the gas. VRU gas will be allocated back to each well utilizing a percentage of each wells monthly oil production. After the water is measured with the Mag meter, it is combined with the water for the other wells and with any water knockout from the heater treater and sent to the water tanks. The water tanks have guided wave radar level transmitters which can detect oil/water interfaces. If an interface is seen the operator will use the recycle pump to pump this interface and any oil to the heater treater for further processing.

The Hermes Fee 23 28 30 CTB will have five oil tanks that these three wells will utilize and they have a common CDP, (Central Delivery Point) **(Number provided upon receipt)** which is located on site. Oil, gas, and water volumes from each well producing to this battery will be determined by using individual metering allocation separator. Oil sold through a common sales line for tanks (information provided upon receipt).

Oil production will be allocated on a daily basis based on the Coriolis Test meter located downstream of the metering test separator and daily tank gauges and truck LACT. The Coriolis meters will be proven, as per API & NMOCD specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter, the factor obtained will be used to allocate the production volumes. Gas production will be allocated on a daily basis utilizing the gas test meters for each well. The gas production from the wells and the gas test meters will commingle and flow to an allocation meter and then to the CDP sales meter, **(number provided upon receipt)** these meters will be calibrated on a regular basis per API & NMOCD specifications. The OCD will be notified of any future changes in the facilities.

Reasoning:

The flow of produced fluids is shown in detail on the enclosed Hermes Fee 23 28 30 CTB Process Flow Diagrams along with a description of each vessel. The commingling of this production is the most effective, economic means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce the surface facility footprint and overall emissions.



1H

	Total Monthly Oil (BBLs)	Total Monthly Gas (MCF)	Days Oil Produced	Days Gas Produced	Average Daily Oil (BBLD)	Average Daily Gas (MCFD)
Apr-18					#DIV/0!	#DIV/0!
May-18					#DIV/0!	#DIV/0!
Jun-18					#DIV/0!	#DIV/0!
Jul-18					#DIV/0!	#DIV/0!
Aug-18	12032	26859	15	14	802	1919
Sep-18	18877	47628	30	30	629	1588

3H

	Total Monthly Oil (BBLs)	Total Monthly Gas (MCF)	Days Oil Produced	Days Gas Produced	Average Daily Oil (BBLD)	Average Daily Gas (MCFD)
Apr-18					#DIV/0!	#DIV/0!
May-18					#DIV/0!	#DIV/0!
Jun-18					#DIV/0!	#DIV/0!
Jul-18					#DIV/0!	#DIV/0!
Aug-18	12241	18831	15	14	816	1345
Sep-18	12833	14222	21	22	611	646

5H

	Total Monthly Oil (BBLs)	Total Monthly Gas (MCF)	Days Oil Produced	Days Gas Produced	Average Daily Oil (BBLD)	Average Daily Gas (MCFD)
Apr-18					#DIV/0!	#DIV/0!
May-18					#DIV/0!	#DIV/0!
Jun-18					#DIV/0!	#DIV/0!
Jul-18					#DIV/0!	#DIV/0!
Aug-18	11380	27205	15	14	759	1943
Sep-18	20892	49123	30	30	696	1637

9H

	Total Monthly Oil (BBLs)	Total Monthly Gas (MCF)	Days Oil Produced	Days Gas Produced	Average Daily Oil (BBLD)	Average Daily Gas (MCFD)
Apr-18					#DIV/0!	#DIV/0!
May-18					#DIV/0!	#DIV/0!
Jun-18					#DIV/0!	#DIV/0!
Jul-18					#DIV/0!	#DIV/0!
Aug-18	12396	26686	14	16	885	1668
Sep-18	11613	23268	29	30	400	776

10H

	Total Monthly Oil (BBLs)	Total Monthly Gas (MCF)	Days Oil Produced	Days Gas Produced	Average Daily Oil (BBLD)	Average Daily Gas (MCFD)
Apr-18					#DIV/0!	#DIV/0!
May-18					#DIV/0!	#DIV/0!
Jun-18					#DIV/0!	#DIV/0!
Jul-18					#DIV/0!	#DIV/0!
Aug-18	11935	29274	14	15	853	1952
Sep-18	20232	43695	30	30	674	1456

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State of New Mexico
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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 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code	⁵ Property Name HERMES FEE 23-28-30 WA	⁶ Well Number 1H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC	⁹ Elevation 3117

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
<input type="checkbox"/>	30	T23S	R28E		370	SOUTH	1634	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
B	30	T23S	R28E		330	NORTH	2063	EAST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

SECTION 24	SECTION 19		SECTION 20
SECTION 25	SECTION 30		SECTION 29
SECTION 25	SECTION 30		SECTION 29
SECTION 36	SECTION 31		SECTION 32

LAST TAKE POINT/BOTTOM HOLE LOCATION
14,203 MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:605782.74' / Y:4665548.42'
LAT:32.28244358N / LON:104.12479386W
NAD 27, SPCS NM EAST
X:564600.07' / Y:466489.50'
LAT:32.28232335N / LON:104.12429962W

FIRST TAKE POINT
9,525 MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:605842.88' / Y:461915.68'
LAT:32.26970848N / LON:104.12463040W
NAD 27, SPCS NM EAST
X:564660.10' / Y:461856.88'
LAT:32.26959816N / LON:104.12413460W

SURFACE HOLE LOCATION
370' FSL 1634' FEL
NAD 83, SPCS NM EAST
X:606234.80' / Y:461955.14'
LAT:32.26981484N / LON:104.12336214W
NAD 27, SPCS NM EAST
X:565052.01' / Y:461896.34'
LAT:32.27159579N / LON:104.12656165W

CORNER COORDINATES
NAD 83, SPCS NM EAST
A - X: 605195.28' / Y: 466081.59'
B - X: 607843.83' / Y: 466867.47'
C - X: 607871.09' / Y: 461580.40'
D - X: 605201.88' / Y: 461587.35'

CORNER COORDINATES
NAD 27, SPCS NM EAST
A - X: 564012.63' / Y: 466822.68'
B - X: 566661.13' / Y: 466808.32'
C - X: 566688.27' / Y: 461521.58'
D - X: 564019.10' / Y: 461528.57'

¹⁷ OPERATOR CERTIFICATION
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 undivided 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.

Jennifer Van Curen 2/15/18
Signature Date

Jennifer Van Curen
Printed Name

E-mail Address

¹⁸ SURVEYOR CERTIFICATION
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.

Date of Survey

Signature and Seal of Surveyor

Certificate Number

1 02/07/2018 WHM
REV. DATE BY

District I
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Form C-102
Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 15011	³ Pool Name CULEBRA BLUFF, SOUTH; BONE SPRING
⁴ Property Code	⁵ Property Name HERMES FEE 23-28-30 TB	⁶ Well Number 3H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC	⁹ Elevation 3117

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
□	30	T23S	R28E		370	SOUTH	1684	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
B	30	T23S	R28E		330	NORTH	2330	EAST	EDDY

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

¹⁶ SECTION 24 SECTION 25 R-27-E R-28-E LAST TAKE POINT/BOTTOM HOLE LOCATION 13,930 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:605515.38' / Y:466549.83' LAT:32.28244688N / LON:104.12566099W NAD 27, SPCS NM EAST X:564332.71' / Y:466490.92' LAT:32.28232866N / LON:104.12516472W FIRST TAKE POINT 9,135 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:605538.37' / Y:461916.47' LAT:32.26911228N / LON:104.12561561W NAD 27, SPCS NM EAST X:564355.59' / Y:461857.67' LAT:32.26959197N / LON:104.12511977W SURFACE HOLE LOCATION 370' FSL 1634' FEL NAD 83, SPCS NM EAST X:606184.77' / Y:461955.21' LAT:32.2691532N / LON:104.12352400W NAD 27, SPCS NM EAST X:565001.98' / Y:461896.41' LAT:32.26969498N / LON:104.12302823W SECTION 25 SECTION 36		330' 328' A B LAST TAKE/BHL 330' 330' MEASURED DEPTH=11,058' 330' 2331' MEASURED DEPTH=9,579' 321' D C 330' 370' CALLED 160 ACRE PRODUCING AREA FIRST TAKE SHL 1684' 2331'		SECTION 20 SECTION 29 SECTION 29 SECTION 29 SECTION 29 SECTION 32		¹⁷ OPERATOR CERTIFICATION 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. Jennifer Van Curen 2/15/18 Signature Date Jennifer Van Curen Printed Name E-mail Address ¹⁸ SURVEYOR CERTIFICATION 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 to the best of my belief. Date of Survey Signature and Seal of Registered Surveyor THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, SALE, OR THE BASIS FOR THE GRANTING OF A PERMIT. Certificate Number
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NOTE: ALL DIMENSIONS IN U.S. FEET

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 98220	³ Pool Name PURPLE SAGE, WOLFCAMP
⁴ Property Code	⁵ Property Name HERMES FEE 23-28-30 WXY	⁶ Well Number 5H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC	⁹ Elevation 3117

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
□	30	T23S	R28E		371	SOUTH	1584	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
B	30	T23S	R28E		320	NORTH	1335	EAST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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>R-27-E R-28-E</p> <p>BOTTOM HOLE LOCATION 14,081 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X606509.93' / Y466554.59' LAT32.28245664N / LON104.12244273W NAD 27, SPCS NM EAST X565327.25' / Y466495.67' LAT32.28233637N / LON104.12194658W</p> <p>LAST TAKE POINT LOCATION 14,071 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X606510.81' / Y466544.57' LAT32.28242909N / LON104.12243996W NAD 27, SPCS NM EAST X565328.13' / Y466495.65' LAT32.28230882N / LON104.1219438W</p> <p>FIRST TAKE POINT 9,412 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X606533.76' / Y461913.83' LAT32.26969957N / LON104.12233043W NAD 27, SPCS NM EAST X565370.97' / Y461833.02' LAT32.26957922N / LON104.12183471W</p> <p>SURFACE HOLE LOCATION 371' FSL 1584' FEL NAD 83, SPCS NM EAST X606284.82' / Y461955.06' LAT32.26981411N / LON104.12230031W NAD 27, SPCS NM EAST X565102.03' / Y461896.28' LAT32.26969407N / LON104.12270455W</p>		<p>SECTION 20 SECTION 29</p> <p>SECTION 25 SECTION 30</p> <p>SECTION 36 SECTION 31</p> <p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 605195.28' / Y: 466881.59' B - X: 607843.83' / Y: 466867.47' C - X: 607871.09' / Y: 461580.40' D - X: 605201.88' / Y: 461587.35'</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 564012.63' / Y: 466882.68' B - X: 566661.13' / Y: 466808.52' C - X: 566688.27' / Y: 461521.58' D - X: 564019.10' / Y: 461528.57'</p>		<p>¹⁷ OPERATOR CERTIFICATION 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><i>Jennifer Van Curen</i> 2/15/18 Signature Date</p> <p>Jennifer Van Curen Printed Name</p> <p>E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION 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 to the best of my belief.</p> <p>DATE OF SURVEY Signature and Seal of Registered Professional Surveyor</p> <p>PRELIMINARY THIS DOCUMENT IS NOT TO BE USED FOR RECORDATION, SALE, BIDDING, OR THE BASIS FOR THE GRANTING OF A PERMIT.</p> <p>Certificate Number</p>
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NOTE: ALL DIMENSIONS IN U.S. FEET

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
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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. P	Section 30	Township T23S	Range R28E	Lot Idn	Feet from the 368	North/South line SOUTH	Feet from the 788	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. A	Section 30	Township T23S	Range R28E	Lot Idn	Feet from the 285	North/South line NORTH	Feet from the 653	East/West line EAST	County 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.

SECTION 24 SECTION 25		SECTION 19 SECTION 30		SECTION 20 SECTION 29	
R-27-E R-28-E		<p>BOTTOM HOLE LOCATION 14,025' DEPTH MEASURED IN FEET NAD 83, SPCS NM EAST X:607192.24' / Y:466585.53' LAT:32.28253803N / LON:104.12023466W NAD 27, SPCS NM EAST X:566009.55' / Y:466526.62' LAT:32.28241773N / LON:104.118973060W</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:104.12023890W NAD 27, SPCS NM EAST X:566008.31' / Y:466482.02' LAT:32.28229514N / LON:104.11974239W</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:566016.36' / Y:461853.33' LAT:32.26937106N / 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:565898.30' / Y:461891.85' LAT:32.26967761N / LON:104.12012836W</p>		<p>285' 330'</p> <p>A BOTTOM HOLE LAST TAKE</p> <p>MEASURED DEPTH = 12,218'</p> <p>330'</p> <p>653'</p> <p>612'</p> <p>MEASURED DEPTH = 11,274'</p> <p>670'</p> <p>788'</p> <p>FIRST TAKE SHL.</p> <p>MEASURED DEPTH = 9,320'</p> <p>368' 330'</p> <p>D C</p>	
SECTION 25 SECTION 36		SECTION 30 SECTION 31		SECTION 29 SECTION 32	
		<p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 606519.55' / Y: 466874.53' B - X: 60784.33' / Y: 466867.47' C - X: 607871.03' / Y: 461580.40' D - X: 606536.48' / Y: 461583.87'</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 565336.87' / Y: 466815.60' B - X: 566661.13' / Y: 466808.52' C - X: 566688.27' / Y: 461521.58' D - X: 565353.68' / Y: 461525.07'</p>			

"OPERATOR CERTIFICATION"
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.

Jennifer Van Curen 4/2/2018
Signature Date

Jennifer Van Curen
Printed Name

E-mail Address

"SURVEYOR CERTIFICATION"
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 to the best of my belief.

DATE OF SURVEY: _____
Signature and State of License: _____

PRELIMINARY
THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, OR AS THE BASIS FOR THE GRANTING OF A PERMIT.

Certificate Number

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Form C-102
Revised August 1, 2011
Submit one copy to appropriate
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
	98220	PURPLE SAGE; WOLFCAMP
⁴ Property Code	⁵ Property Name	⁶ Well Number
	HERMES FEE 23-28-30 WA	10H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372098	MARATHON OIL PERMIAN, LLC	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	738	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	332	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320			

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 SECTION 20</p> <p>SECTION 25 SECTION 30</p> <p>R-27-E R-28-E</p> <p>BOTTOM HOLE LOCATION 14,364 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:607513.56' / Y:466584.70' LAT:32.28253394N / LON:104.11919492W NAD 27, SPCS NM EAST X:566330.06' / Y:466525.76' LAT:32.28241362N / LON:104.11869890W</p> <p>LAST TAKE POINT 14,318 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:607514.99' / Y:466539.22' LAT:32.28240891N / LON:104.11919060W NAD 27, SPCS NM EAST X:566332.29' / Y:466480.28' LAT:32.28228859N / LON:104.11869458W</p> <p>FIRST TAKE POINT 9,667 MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:607542.35' / Y:461911.26' LAT:32.26968712N / LON:104.11913195W NAD 27, SPCS NM EAST X:566359.54' / Y:461852.44' LAT:32.26956671N / LON:104.11863636W</p> <p>SURFACE HOLE LOCATION 368' FSL 738' FEL NAD 83, SPCS NM EAST X:607131.10' / Y:461950.67' LAT:32.26979771N / LON:104.12046225W NAD 27, SPCS NM EAST X:565948.30' / Y:461891.85' LAT:32.26967733N / LON:104.11996660W</p> <p>SECTION 25 SECTION 30</p> <p>SECTION 36 SECTION 31</p> <p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 605195.28' / Y: 466881.59' B - X: 607843.83' / Y: 466867.47' C - X: 607871.09' / Y: 461580.40' D - X: 605201.88' / Y: 461587.35'</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 564012.63' / Y: 466822.68' B - X: 566661.13' / Y: 466808.52' C - X: 566688.27' / Y: 461521.58' D - X: 564019.10' / Y: 461528.57'</p> <p>SECTION 29</p> <p>SECTION 32</p> <p>368' 330'</p> <p>330' MEASURED DEPTH =13,174'</p> <p>330' MEASURED DEPTH =10,203'</p> <p>332' 331'</p> <p>330' 327'</p> <p>378'</p> <p>327'</p> <p>368'</p> <p>330'</p> <p>CALLLED 320 ACRE PRODUCING AREA</p> <p>LAST TAKE MEASURED DEPTH =14,300'</p> <p>FIRST TAKE SH</p> <p>SECTION 29</p> <p>SECTION 32</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 _____ Date _____</p> <p>Printed Name _____</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 Professional Surveyor _____</p> <p>COPIES OF THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, SALE, BIDDING, RECORDATION, OR AS A BASIS FOR THE GRANTING OF A PERMIT.</p> <p>Certificate Number _____</p>
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