

**Before the Oil Conservation Division
Examiner Hearing May 17, 2018**

Case Nos. 16088 & 16089

*Catapult Fee 23-26-1 TB 6H, Catapult 23-26-1 WA 5H, Catapult 23-26-1 WXY
3H, and Catapult Fee Com 23-26-1 WXY 10H*



**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

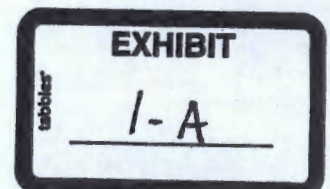
**APPLICATION OF MARATHON
OIL PERMIAN LLC FOR A NON-STANDARD
SPACING AND PRORATION UNIT
AND COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.**

CASE NO. 16088

AMENDED APPLICATION

Marathon Oil Permian LLC ("Marathon"), OGRID Number 372098, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order: (1) creating a non-standard 160-acre, more or less, spacing and proration unit in the Bone Spring formation, comprised of the E/2 E/2 of Section 1, Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico; and, (2) pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit. In support of this application, Marathon states as follows:

1. Marathon is an interest owner in the subject lands and has a right to drill a well thereon.
2. Marathon seeks to dedicate the E/2 E/2 of Section 1 to the below proposed well to form a non-standard 160-acre, more or less, oil spacing and proration unit (the "project area").
3. Marathon plans to horizontally drill the **Catapult Fee 23-26-1 TB 6H** well to a depth sufficient to test the Bone Spring formation.



4. The well will be drilled from a surface location, located in **Unit O of Section 36**, and the perforations for the well will be located at orthodox locations.

5. The well is within the Carlsbad, Bone Spring South Pool (Pool Code 9670), which is subject to 330' setback requirements. The producing interval that Marathon seeks to drill will comply with the 330 foot setback requirements established under the Division's rules.

6. Marathon sought, but has been unable to obtain a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed project area to participate in the drilling of the well or to otherwise commit their interests to the well.

7. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste and will protect correlative rights.

8. Approval of the non-standard unit and the pooling of all interests in the Bone Spring formation underlying the proposed project area will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Marathon requests this application be set for hearing before an Examiner of the Oil Conservation Division **on May 17, 2018**, and after notice and hearing as required by law, the Division enter its order:

A. Creating a non-standard oil spacing and proration unit ("project area") in the Bone Spring formation comprised of the E/2 E/2 of Section 1, Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico;

B. Pooling all mineral interests in the Bone Spring formation underlying this non-standard spacing and proration unit/project area;

C. Designating Marathon as operator of this unit and the wells to be drilled thereon;

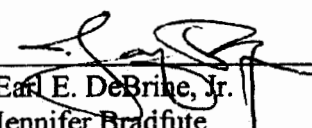
D. Authorizing Marathon to recover its costs of drilling, equipping and completing these wells;

E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and

F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: 

Earl E. DeBrine, Jr.

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Albuquerque, New Mexico 87103-2168

Telephone: 505.848.1800

Attorneys for Applicant

CASE NO. 16088: Amended Application of Marathon Oil Permian LLC for a non-standard spacing and proration unit and compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) creating a non-standard 160-acre, more or less, spacing and proration unit in the Bone Spring formation, comprised of the E/2 E/2 of Section 1, Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico; and, (2) pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit. This proposed non-standard spacing and proration unit will be the project area for the **Catapult Fee 23-26-1 TB 6H** well, to be horizontally drilled. The producing area for the well will be orthodox. **This application has been amended to reflect a surface location in Unit O of Section 36, Township 22 South, Range 26 East.** Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 6 miles south of Carlsbad, New Mexico.

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

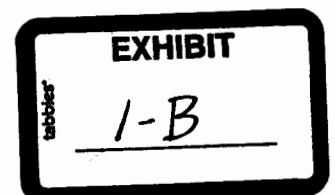
**APPLICATION OF MARATHON
OIL PERMIAN LLC FOR
COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.**

CASE NO. 16089

AMENDED APPLICATION

Marathon Oil Permian LLC ("Marathon"), OGRID Number 372098, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA 1978, Section 70-2-17, for an order pooling all mineral interests in the Wolfcamp formation underlying the standard 320-acre, more or less, spacing and proration unit comprised of the E/2 of Section 1, Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico. In support of this application, Marathon states as follows:

1. Marathon is an interest owner in the subject lands and has a right to drill a well thereon.
2. Marathon seeks to dedicate the E/2 of Section 1 to the proposed wells to form a standard 320-acre, more or less spacing and proration unit (the "project area").
3. Marathon plans to drill the **Catapult Fee Com 23 26 1 WA 5H**, **Catapult Fee Com 23 26 1 WXY 3H**, and **Catapult Fee Com 23 26 1 WXY 10H** wells to a depth sufficient to test the Wolfcamp formation. These wells will be horizontally drilled using the same drilling rig.



4. The wells will be drilled from a surface location, located in the Unit O of Section 36.

5. These wells will be located within the Purple Sage Wolfcamp (Gas) pool (Pool Code 98220), which is subject to special pool rules which establish 330' setback requirements. The producing interval that Marathon seeks to drill will comply with the 330 foot setback requirements established under the Division's rules.

6. Marathon sought, but has been unable to obtain a voluntary agreement from all interest owners in the Wolfcamp formation underlying the proposed project area to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Wolfcamp formation underlying the proposed project area will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Marathon requests this application be set for hearing before an Examiner of the Oil Conservation Division on May 17, 2018, and after notice and hearing as required by law, the Division enter its order:

A. Creating a standard oil spacing and proration unit ("project area") in the Wolfcamp formation comprised of E/2 of Section 1, Township 23 South, Range 26 East, NMPM, Eddy County;

B. Pooling all mineral interests in the Wolfcamp formation underlying this standard spacing and proration unit/project area;

C. Designating Marathon as operator of this unit and the wells to be drilled thereon;

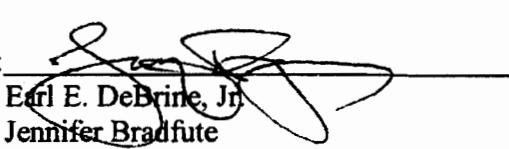
D. Authorizing Marathon to recover its costs of drilling, equipping and completing these wells;

E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and

F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: 

Earl E. DeBrine, Jr.
Jennifer Bradfute
Post Office Box 2168
Bank of America Centre
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Attorneys for Applicant

CASE NO. 16089: Amended Application of Marathon Oil Permian LLC for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) pooling all mineral interests in the Wolfcamp formation underlying the standard 320-acre, more or less, spacing and proration unit comprised of the E/2 of Section 1, Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico. This proposed standard spacing and proration unit will be the project area for the **Catapult Fee Com 23 26 1 WA 5H, Catapult Fee Com 23 26 1 WXY 3H, and Catapult Fee Com 23 26 1 WXY 10H** wells, to be horizontally drilled. The producing area for these wells will be orthodox. **This application has been amended to reflect a surface location in Unit O of Section 36, Township 22 South, Range 26 East.** Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 6 miles south of Carlsbad, New Mexico.

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. 30-015-44689
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
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 Catapult Fee 23 26 1 TB
4. Well Location Unit Letter <u>O</u> : <u>463</u> feet from the <u>South</u> line and <u>1467</u> feet from the <u>East</u> line Section <u>1</u> Township <u>23S</u> Range <u>26E</u> NMPM County <u>Eddy</u>		8. Well Number <u>6H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3219		9. OGRID Number 372088
		10. Pool name or Wildcat Carlsbad; Bone Spring, South

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

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. respectfully requests to change the SHL of this well
from: 463' FSL 1467' FEL of O-1-T23S-R26E
to: 337' FSL 1387' FEL of O-36-T22S-R26E

Attached is an updated C-102, Directional and GCP.

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 25 2018

RECEIVED

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Melissa Szudera

TITLE

Regulatory Compliance Representative

DATE

4/23/2018

Type or print name

Melissa Szudera

E-mail address:

mszudera@marathonoil.com

PHONE:

713-296-3179

For State Use Only

APPROVED BY:

Conditions of Approval (if any):

Raymond M. Sunday

TITLE

Geologist

DATE

5-7-18

EXHIBIT

2-A

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 30-015-44689	² Pool Code 9670	³ Pool Name CARLSBAD; BONE SPRING, SOUTH
⁴ Property Code	⁵ Property Name CATAPULT FEE 23-26-1 TB	⁶ Well Number 6H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3217'

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
0	36	T22S	R26E		337	SOUTH	1387	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
P	1	T23S	R26E		330	SOUTH	1009	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160.09			

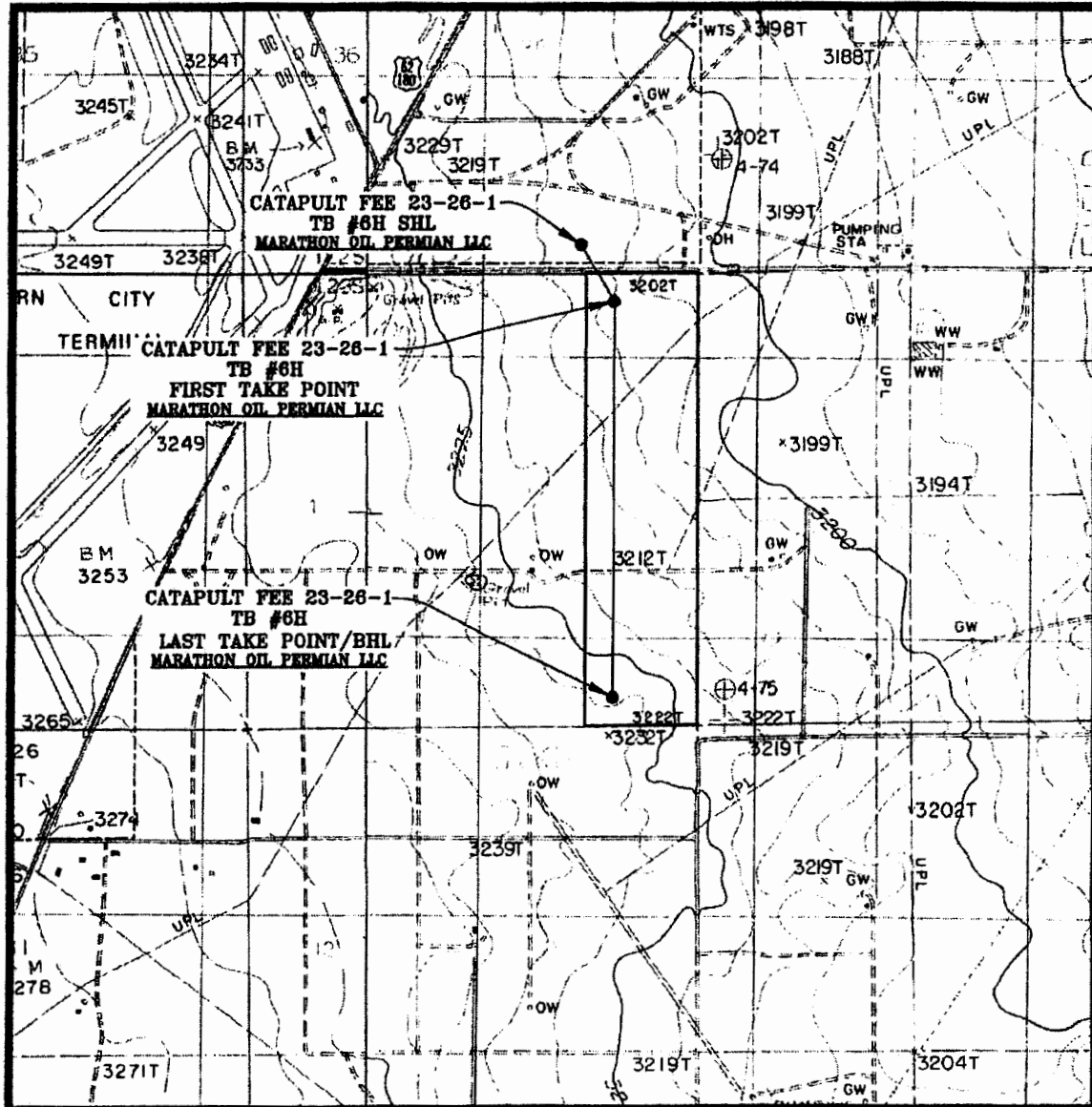
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SECTION 35		SECTION 36	T-22-S	SECTION 31	
SECTION 2		SECTION 1	T-23-S	SECTION 6	
		SURFACE HOLE LOCATION 337' FSL 1387' FEL, SECTION 36 NAD 83, SPCS NM EAST X569495.11' / Y488179.22' LAT32.34204306N / LON104.24215880V NAD 27, SPCS NM EAST X528313.43' / Y488120.19' LAT32.34192498N / LON104.24165631V FIRST TAKE POINT 330' FSL 998' FEL, SECTION 1 NAD 83, SPCS NM EAST X569803.97' / Y487512.52' LAT32.3402948N / LON104.24090150V NAD 27, SPCS NM EAST X528702.27' / Y487453.31' LAT32.34009127N / LON104.24039915V LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FSL 1009' FEL, SECTION 1 NAD 83, SPCS NM EAST X569873.84' / Y482874.93' LAT32.32746143N / LON104.24094720V NAD 27, SPCS NM EAST X528692.05' / Y482816.04' LAT32.32734316N / LON104.24044524V CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 569554.68' / Y: 487842.21' B - X: 570801.56' / Y: 487843.47' C - X: 570803.25' / Y: 482551.80' D - X: 569543.11' / Y: 482542.75'		"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. Signature: <i>[Signature]</i> Date: 04/25/2018 Printed Name: Melissa Szudera E-mail Address: mszudera@marathonoil.com "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: APRIL 24, 2018 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: LLOYD P. SHORT, 21653	
SECTION 2		SECTION 1		SECTION 6	
SECTION 11		SECTION 12		SECTION 7	
		CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 528373.00' / Y: 487783.19' B - X: 529699.85' / Y: 487784.43' C - X: 529701.44' / Y: 482492.91' D - X: 528361.33' / Y: 482483.87'			

2	04/09/2018	CAP
REV.	DATE	BY

RUP 5-7-18

LOCATION VERIFICATION MAP

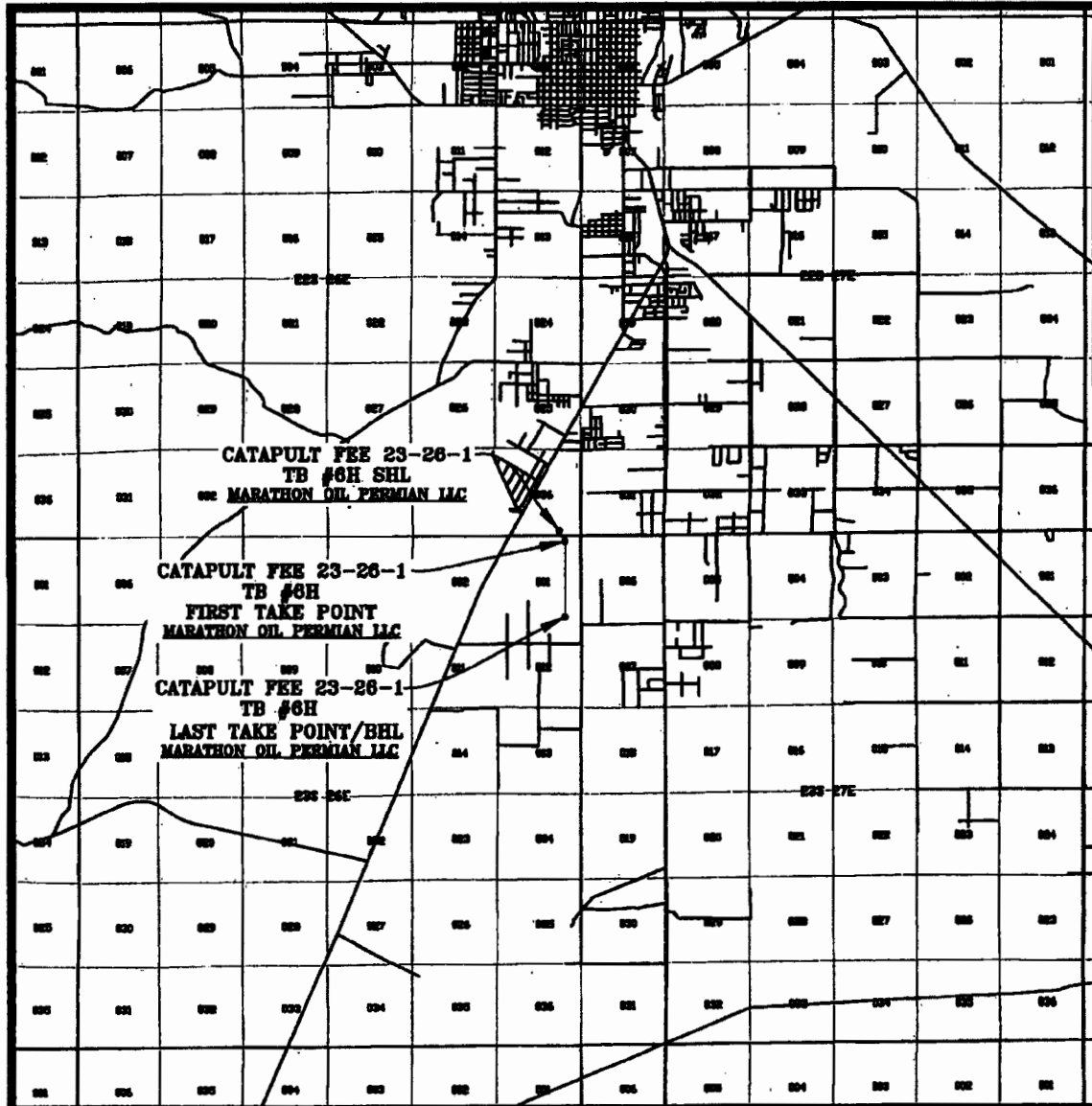


SEC. 1 TWP. 23-S RGE. 26-E
 SURVEY: N.M.P.M.
 COUNTY: EDDY
 DESCRIPTION: 337' FSL & 1387' FEL
 ELEVATION: 3217'
 OPERATOR: MARATHON OIL PERMIAN LLC
 LEASE: CATAPULT FEE 23-26-1
 U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.

SCALE: 1" = 2000'
 CONTOUR INTERVAL = 5'

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 318-323-8900 OFFICE
 JOB No. RS798_004

VICINITY MAP



SEC. 1 TWP. 23-S RGE. 26-E
SURVEY: N.M.P.M.
COUNTY: EDDY
DESCRIPTION: 337' FSL & 1387' FEL
ELEVATION: 3217'
OPERATOR: MARATHON OIL PERMIAN LLC
LEASE: CATAPULT FEE 23-26-1
U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.

SCALE: 1" = 2 MILES

PREPARED BY:
R-SQUARED GLOBAL, LLC
1309 LOUISVILLE AVENUE, MONROE, LA 71201
318-323-6900 OFFICE
JOB No. R3796_004



Marathon Oil
Eddy County, NM
Catapult-Airport Pad
Cat TB #6H
Prelim Plan A
GL: 3217 + KB: 25' (Prec594)

Oil Well Plate 1027 (Eddy County)
NAD 1983 (NAD 83) Coordinates
Zone 1800
New Mexico East 3001
Main State Level

RKB Elevation: Well @ 3242.00vert (GL 3217 + KB: 25' (Prec594))

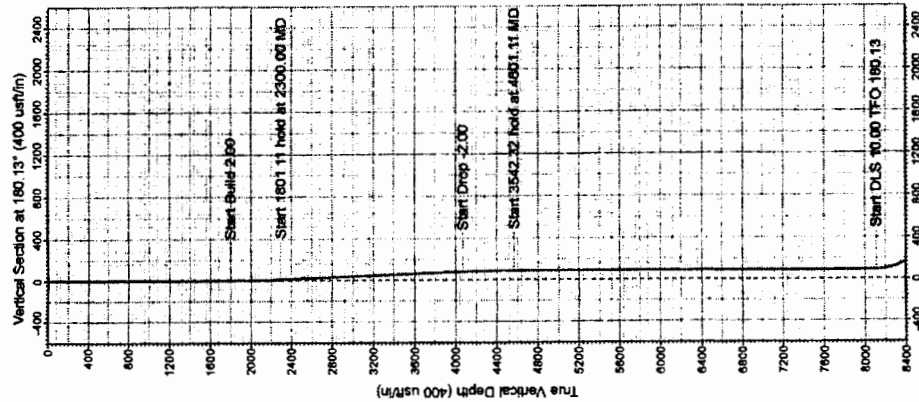
+N-S	+E-W	Northing	Easting	Latitude	Longitude	Spot
0.00	0.00	48120.19	52531.33	32.3419	-104.2417	

SECTION DETAILS

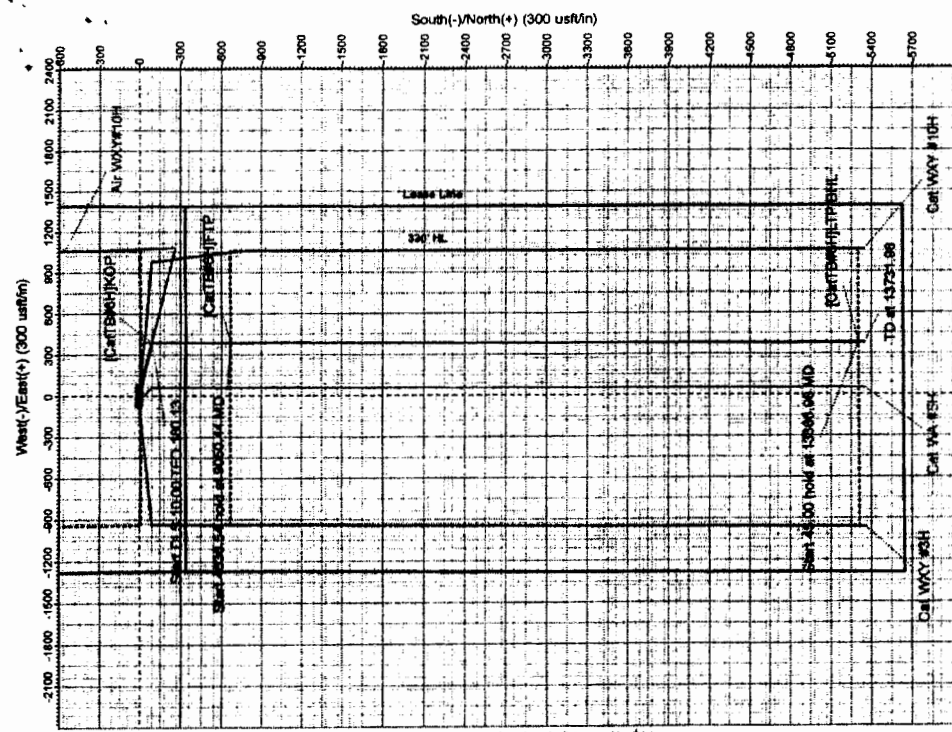
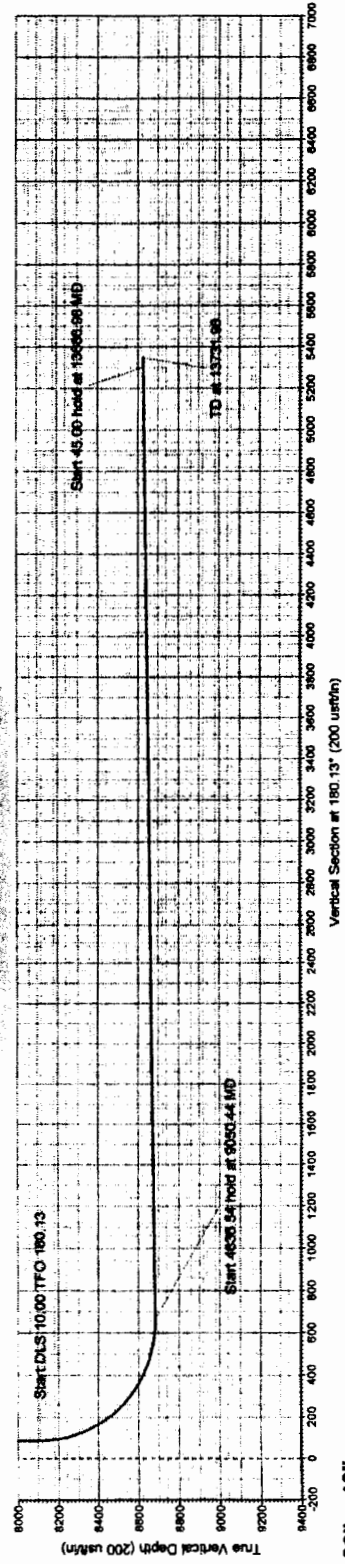
Sec	MD	Isd	Ad	TVD	+N-S	+E-W	Deg	Vert
1	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00
3	2300.00	10.00	102.72	2297.47	-78.35	42.46	0.00	0.00
4	4801.11	0.00	102.72	4798.39	-78.35	34.54	0.00	0.00
5	4901.11	0.00	0.00	4901.11	-48.00	390.00	0.00	0.00
6	8143.43	0.00	0.00	8143.43	-48.00	390.00	0.00	0.00
7	9050.44	90.70	180.13	8863.91	-48.00	390.00	0.00	0.00
8	13888.98	90.70	180.13	8627.21	-5304.15	378.82	0.00	0.00
9	13731.98	90.70	180.13	8626.86	-5348.15	378.82	0.00	0.00

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
CartBshHPTP	0.00	-48.00	388.84	487483.31	525702.27
CartBshHPOP	0.00	-48.00	390.00	487032.18	525703.43
CartBshHTPBHL	8627.21	-5304.15	378.82	482616.04	525692.05



Target Line: 8692' TVD @ 0' VS: 90.7° INC



Azimuth to Grid North
True North: 0.00°
Magnetic North: 7.32°
Magnetic Field
Strength: 40010.30T
Declination: 7.32° East
Date: 07/2016
Model: HQM

Azimuth Corrections

Total Magnetic Corr. (M to G): 7.32°
Declination (M to T): 7.32° East



Professional Directional Planning Report



Database:	WellPlanner1	Local Coordinate Reference:	Well Cat TB #6H
Company:	Marathon Oil	TVD Reference:	Well @ 3242.00usft (GL: 3217' + KB: 25' (Prec594))
Project:	Eddy County, NM	MD Reference:	Well @ 3242.00usft (GL: 3217' + KB: 25' (Prec594))
Site:	Catapult-Airport Pad	North Reference:	Grid
Well:	Cat TB #6H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Prelim Plan A		

Project:	Eddy County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Catapult-Airport Pad		
Site Position:		Northing:	488,120.19 usft
From:	Map	Easting:	528,313.43 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.3419
		Longitude:	-104.2417
		Grid Convergence:	0.05 "

Well:	Cat TB #6H		
Well Position:	+N/-S	Northing:	488,120.19 usft
	+E/-W	Easting:	528,313.43 usft
Position Uncertainty:	0.00 usft	Wellhead Elevation:	Ground Level: 3,217.00 usft

Wellbore:	OH		
Magnetics:	Model Name	Sample Date	Declination
	HDGM	4/17/2018	7.37
			Dip Angle
			60.07
			Field Strength
			48,010.30

Design:	Prelim Plan A		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			180.13

Plan Survey Tool Program:	Date:	4/17/2018		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	1,150.00 Prelim Plan A (OH)	MWD+IFR1	
			OWSG MWD + IFR1	
2	1,150.00	5,400.00 Prelim Plan A (OH)	MWD+IFR1	
			OWSG MWD + IFR1	
3	5,400.00	10,000.00 Prelim Plan A (OH)	MWD+IFR1	
			OWSG MWD + IFR1	
4	10,000.00	13,731.98 Prelim Plan A (OH)	MWD+IFR1	
			OWSG MWD + IFR1	

Well Planner Marathon Oil	Well Cat TB #6H
Eddy County, NM	Well @ 3242.00usft (GL 3217 - KB 25 (Prec 594))
Catapult Airport Pad	Well @ 3242.00usft (GL 3217 - KB 25 (Prec 594))
Cat TB #6H	Grid 10000000
OH 10000000	Minimum Curvature
Prelim Plan A	

Station	Depth	True	Surf	True	Surf	True	Surf	True	Surf
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	10.00	102.72	2,297.47	-9.58	42.46	2.00	2.00	0.00	102.72
4,101.11	10.00	102.72	4,071.21	-78.42	347.54	0.00	0.00	0.00	0.00
4,801.11	0.00	0.00	4,568.68	-88.00	390.00	2.00	-2.00	0.00	180.00
8,143.43	0.00	0.00	8,111.00	-88.00	390.00	0.00	0.00	0.00	0.00 [CatTB#6H]KOP
9,050.44	90.70	180.13	8,883.82	-887.98	388.73	10.00	10.00	-19.83	180.13
13,686.88	90.70	180.13	8,827.21	-5,304.15	378.82	0.00	0.00	0.00	0.00 [CatTB#6H]LTP/BHL
13,731.98	90.70	180.13	8,826.68	-5,349.15	378.52	0.00	0.00	0.00	0.00

Station	Depth	True	Surf	True	Surf	True	Surf	True	Surf
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	10.00	102.72	2,297.47	-9.58	42.46	9.48	2.00	2.00	0.00
4,101.11	10.00	102.72	4,071.21	-78.42	347.54	77.83	0.00	0.00	0.00
4,801.11	0.00	0.00	4,568.68	-88.00	390.00	87.11	2.00	-2.00	0.00
8,143.43	0.00	0.00	8,111.00	-88.00	390.00	87.11	0.00	0.00	0.00
9,050.44	90.70	180.13	8,883.82	-887.98	388.73	887.06	10.00	10.00	0.00
13,686.88	90.70	180.13	8,827.21	-5,304.15	378.82	5,303.28	0.00	0.00	0.00
13,731.98	90.70	180.13	8,826.68	-5,349.15	378.52	5,348.27	0.00	0.00	0.00

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. 30-015-44691
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
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 Catapult Fee 23 26 1 WA
4. Well Location Unit Letter O : 463 feet from the South line and 1497 feet from the East line Section 1 Township 23S Range 26E NMPM County Eddy		8. Well Number 5H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3219'		9. OGRID Number 372098
		10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL. ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

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. respectfully requests to change the SHL of this well
from: 463' FSL 1497' FEL of O-1-T23S-R26E
to: 337' FSL 1417' FEL of O-36-T22S-R26E

NM OIL CONSERVATION
ARTESIA DISTRICT

Attached is an updated C-102, Directional and GCP.

APR 25 2018

RECEIVED

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

MiS
Melissa Szudera

TITLE

Regulatory Compliance Representative

DATE

4/23/2018

Type or print name

E-mail address:

mszudera@marathonoil.com

PHONE:

713-296-3179

For State Use Only

APPROVED BY:

Raymond K. Paday

TITLE

Geologist

DATE

5-7-18

Conditions of Approval (if any):

EXHIBIT

tabbier

2-B

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
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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 30-015-44691	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code	⁵ Property Name CATAPULT FEE 23-26-1 WA	⁶ Well Number 5H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3217'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	36	T22S	R26E		337	SOUTH	1417	EAST	EDDY

" 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
P	1	T23S	R26E		330	SOUTH	1339	EAST	EDDY

¹⁰ Dedicated Acres 320.36	¹¹ Joint or Infill	¹² Consolidation Code	¹³ Order No.
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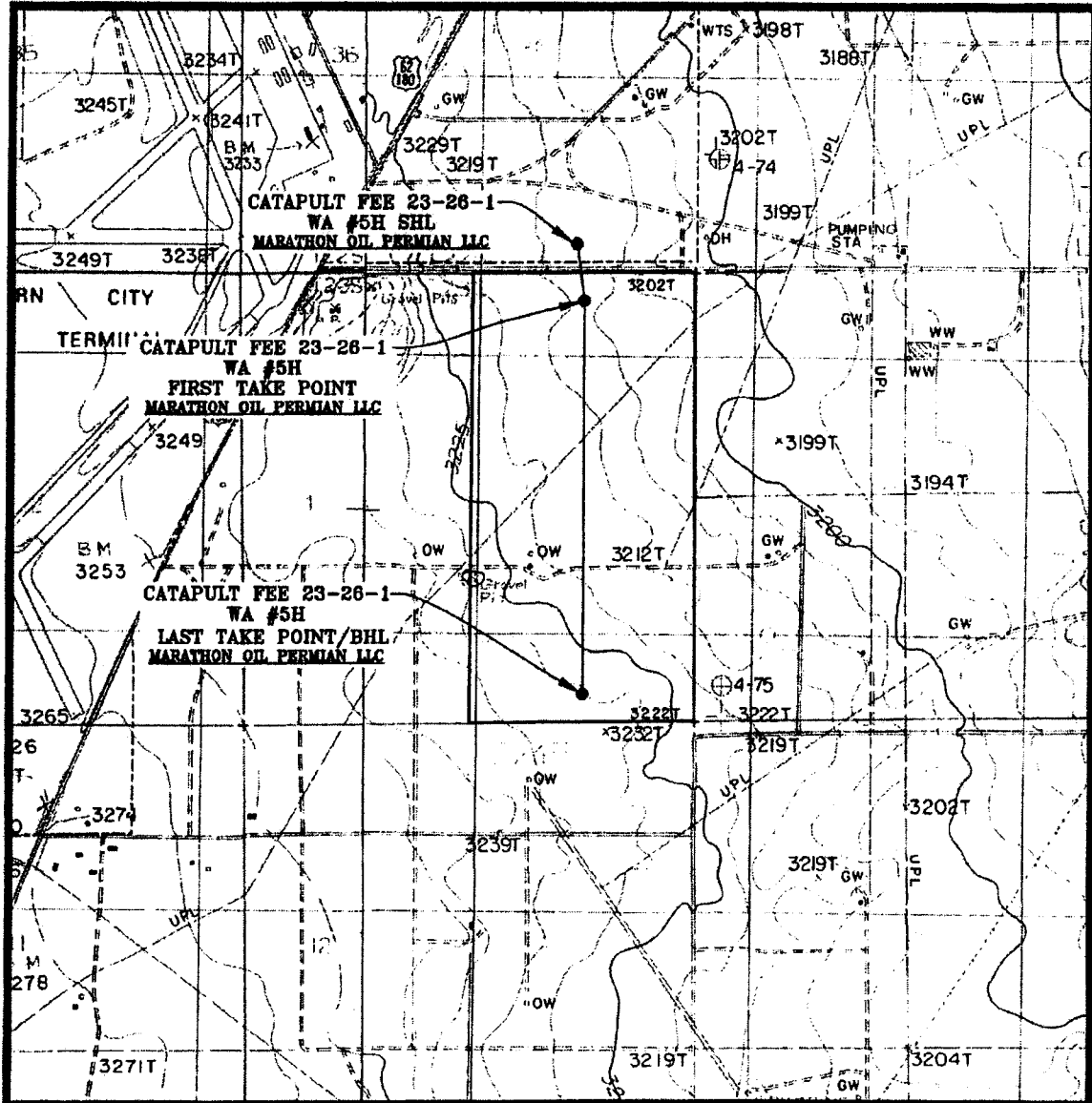
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SECTION 35 SECTION 36 T-22-S SECTION 2 SECTION 1 T-23-S SURFACE HOLE LOCATION 337' FNL 1417' FEL, SECTION 36 NAD 83, SPCS NM EAST X569465.11' / Y488179.22' LAT32.34204313N / LON104.24225590W NAD 87, SPCS NM EAST X528283.43' / Y488120.20' LAT32.34198495N / LON104.24175344W FIRST TAKE POINT 330' FNL 1328' FEL, SECTION 1 NAD 83, SPCS NM EAST X569553.96' / Y487512.21' LAT32.34089940N / LON104.24197000W NAD 87, SPCS NM EAST X528372.27' / Y487453.20' LAT32.34009121N / LON104.24146764W LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FSL 1339' FEL, SECTION 1 NAD 83, SPCS NM EAST X569543.83' / Y488072.76' LAT32.32745624N / LON104.24201560W NAD 87, SPCS NM EAST X528362.05' / Y488213.87' LAT32.32733799N / LON104.24151359W CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 568227.81' / Y: 487840.96' B - X: 570881.56' / Y: 487843.47' C - X: 570883.00' / Y: 482551.56' D - X: 568203.23' / Y: 482533.94' SECTION 2 SECTION 11 SECTION 12 CORNER COORDINATES NAD 87, SPCS NM EAST A - X: 527046.14' / Y: 487781.95' B - X: 529699.85' / Y: 487784.43' C - X: 529701.19' / Y: 482492.66' D - X: 527021.46' / Y: 482475.08'			SECTION 31 SECTION 6 SECTION 6 SECTION 7			" 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. Signature: <i>[Signature]</i> Date: 04/25/2018 Printed Name: Melissa Szudera E-mail Address: mszudera@marathonoil.com "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. APRIL 24, 2018 Date of Survey Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: LLOYD P. SHORT 21653		
---	--	--	--	--	--	---	--	--

2	04/09/2018	CAP
REV.	DATE	BY

RWP 5-7-18

LOCATION VERIFICATION MAP

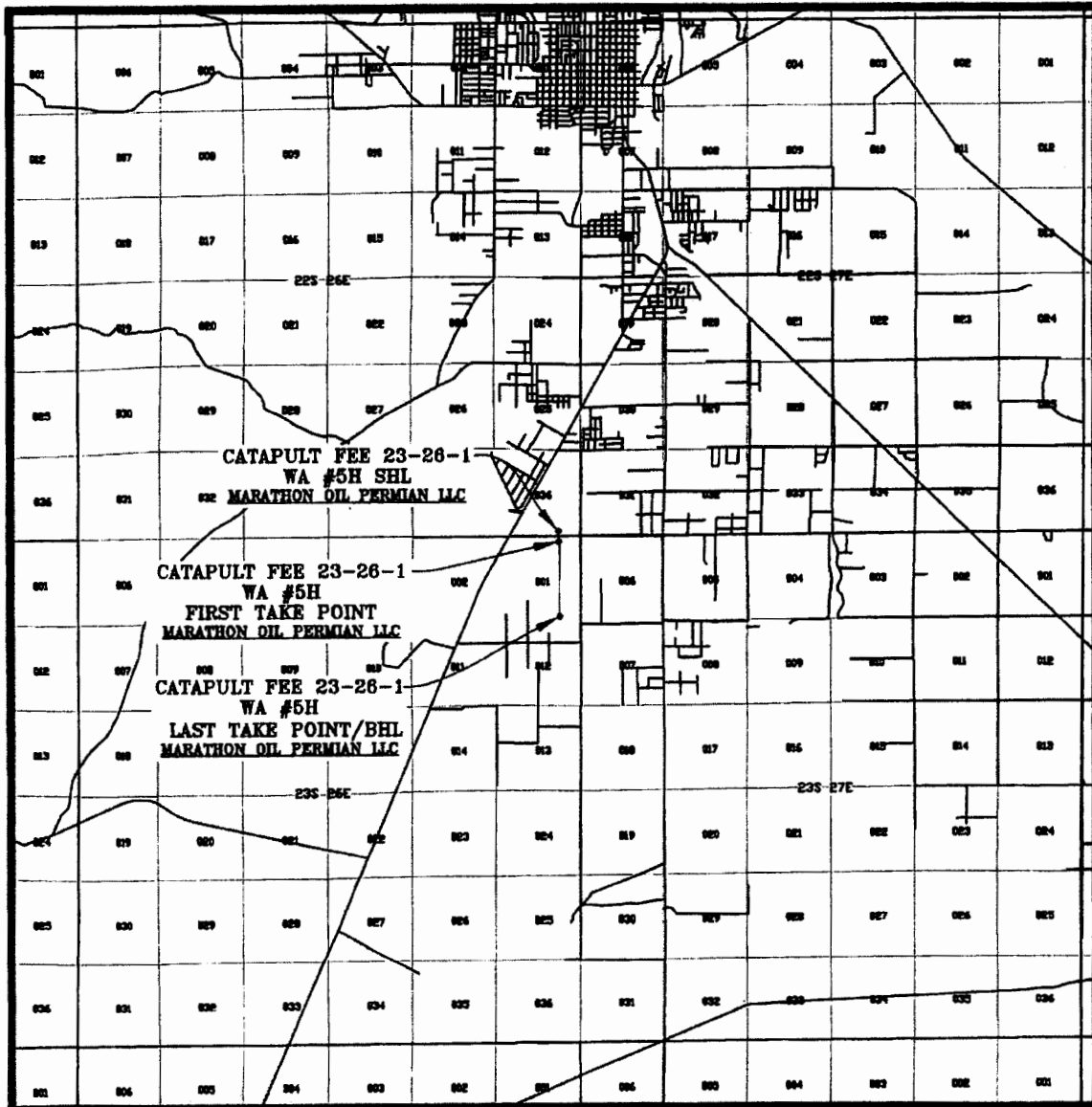


SEC. 1 TWP. 23-S RGE. 26-E
 SURVEY: N.M.P.M.
 COUNTY: EDDY
 DESCRIPTION: 337' FSL & 1447' FEL
 ELEVATION: 3217'
 OPERATOR: MARATHON OIL PERMIAN LLC
 LEASE: CATAPULT FEE 23-26-1
 U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.

SCALE: 1" = 2000'
 CONTOUR INTERVAL = 5'

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 318-323-6900 OFFICE
 JOB No. R3798_003

VICINITY MAP



SEC. 1 TWP. 23-S RGE. 26-E
 SURVEY: N.M.P.M.
 COUNTY: EDDY
 DESCRIPTION: 337' FSL & 1447' FEL
 ELEVATION: 3217'
 OPERATOR: MARATHON OIL PERMIAN LLC
 LEASE: CATAPULT FEE 23-26-1
 U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.

SCALE: 1" = 2 MILES

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 518-323-8900 OFFICE
 JOB No. R3798_003



Professional Directional Planning Report



Well Planner Marathon Oil	Well Cat WA #5H	Well @ 3242.00usft (GL: 3217' + KB: 25' (Prec594))
Eddy County, NM	Well @ 3242.00usft (GL: 3217' + KB: 25' (Prec594))	Well @ 3242.00usft (GL: 3217' + KB: 25' (Prec594))
Catapult-Airport Pad	Grid	Minimum Curvature
Cat WA #5H		
OH		
Prelim Plan A		

Project	Eddy County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Catapult-Airport Pad		
Site Position:	From:	Map	
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
Northing:	488,120.19 usft	Latitude:	32.3419
Easting:	528,313.43 usft	Longitude:	-104.2417
Grid Convergence:			0.05 °

Well	Cat WA #5H		
Well Position	+N-S	0.01 usft	Northing:
	+E-W	-30.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	Ground Level:
			3,217.00 usft

Wellbore	OH		
Wellbore Name	Survey Date	Wellbore Depth	Wellbore Length
HDGM	4/17/2018	7.37	60.07
			48,010.30

Design	Prelim Plan A		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			180.13

Plan Survey Tool Program		Date: 4/17/2018	
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name
1	0.00	1,150.00 Prelim Plan A (OH)	MWD+IFR1
			OWSG MWD + IFR1
2	1,150.00	5,400.00 Prelim Plan A (OH)	MWD+IFR1
			OWSG MWD + IFR1
3	5,400.00	10,000.00 Prelim Plan A (OH)	MWD+IFR1
			OWSG MWD + IFR1
4	10,000.00	13,939.17 Prelim Plan A (OH)	MWD+IFR1
			OWSG MWD + IFR1



Professional Directional Planning Report



Well Planner Marathon Oil	Well Cat WA #5H
Eddy County, NM	Well @ 3242.00ust (GL: 3217 KB: 25 (Prec594))
Catapult-Airport Pad	Well @ 3242.00ust (GL: 3217 KB: 25 (Prec594))
Cat WA #5H	Grid
OH	Minimum Curvature
Prelim Plan A	

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	10.00	133.87	2,697.47	-30.18	31.38	2.00	2.00	0.00	133.87
2,921.68	10.00	133.87	2,915.78	-56.84	59.12	0.00	0.00	0.00	0.00
3,421.68	0.00	0.00	3,413.22	-87.00	90.50	2.00	-2.00	0.00	180.00
8,347.44	0.00	0.00	8,339.00	-87.00	90.50	0.00	0.00	0.00	0.00 [CatWA#5H]KOP
9,254.47	90.70	180.13	8,911.91	-666.98	89.18	10.00	10.00	-19.83	180.13
13,894.17	90.70	180.13	8,855.00	-5,308.33	78.62	0.00	0.00	0.00	0.00 [CatWA#5H]LTP/BHL
13,939.17	90.70	180.13	8,854.45	-5,351.33	78.52	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
[CatWA#5H]FTP	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	10.00	133.87	2,697.47	-30.18	31.38	30.09	2.00	2.00	0.00
2,921.68	10.00	133.87	2,915.78	-56.84	59.12	56.70	0.00	0.00	0.00
3,421.68	0.00	0.00	3,413.22	-87.00	90.50	86.79	2.00	-2.00	0.00
8,347.44	0.00	0.00	8,339.00	-87.00	90.50	86.79	0.00	0.00	0.00
[CatWA#5H]KOP	0.00	0.00	8,339.00	-87.00	90.50	86.79	0.00	0.00	0.00
9,254.47	90.70	180.13	8,911.91	-666.98	89.18	666.78	10.00	10.00	0.00
13,894.17	90.70	180.13	8,855.00	-5,308.33	78.62	5,308.14	0.00	0.00	0.00
[CatWA#5H]LTP/BHL	0.00	0.00	8,855.00	-5,308.33	78.62	5,308.14	0.00	0.00	0.00
13,939.17	90.70	180.13	8,854.45	-5,351.33	78.52	5,351.13	0.00	0.00	0.00

Submit 1 Copy To Appropriate District Office
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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

SUNDY 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. 30-015-44692
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Marathon Oil Permian LLC.		6. State Oil & Gas Lease No.
3. Address of Operator 6555 San Felipe St, Houston, TX 77056		7. Lease Name or Unit Agreement Name Catapult Fee 23 26 1 WXY
4. Well Location Unit Letter O : 463 feet from the South line and 1527 feet from the East line Section 1 Township 23S Range 26E NMPM County Eddy		8. Well Number 3H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3219'		9. OGRID Number 372098
		10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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. respectfully requests to change the SHL of this well
from: 463' FSL 1527' FEL of O-1-T23S-R26E
to: 337' FSL 1447' FEL of O-36-T22S-R26E

Attached is an updated C-102, Directional and GCP.

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 25 2018

RECEIVED

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

M. Szudera

TITLE Regulatory Compliance Representative

DATE 4/23/2018

Type or print name

Melissa Szudera

E-mail address: mszudera@marathonoil.com

PHONE: 713-296-3179

For State Use Only

APPROVED BY:

Conditions of Approval (if any):

Raymond R. Rodary TITLE Geologist

DATE 5-7-18

District I
1625 N. French Dr., Hobbs, NM 88240
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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 30-015-44692	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code	⁵ Property Name CATAPULT FEE 23-26-1 WXY	⁶ Well Number 3H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3217'

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
0	36	T22S	R26E		337	SOUTH	1447	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
0	1	T23S	R26E		330	SOUTH	2348	EAST	EDDY

¹² Dedicated Acres 320.36	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 35 SECTION 36 T-22-S SECTION 2 SECTION 1 T-23-S SURFACE HOLE LOCATION 337' FSL 1447' FEL, SECTION 36 NAD 83, SPCS NM EAST X569435.11' / Y488179.22' LAT32.34204320N / LON104.24235300W NAD 87, SPCS NM EAST X568253.43' / Y488120.20' LAT32.34192502N / LON104.24185058W FIRST TAKE POINT 330' FSL 2325' FEL, SECTION 1 NAD 83, SPCS NM EAST X568536.29' / Y487511.27' LAT32.34020911N / LON104.24520040W NAD 87, SPCS NM EAST X527374.61' / Y487452.27' LAT32.34009096N / LON104.24469793W LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FSL 2348' FEL, SECTION 1 NAD 83, SPCS NM EAST X568534.77' / Y482856.13' LAT32.32744034N / LON104.24582505W NAD 87, SPCS NM EAST X527353.00' / Y482807.25' LAT32.32732213N / LON104.24478032W CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 568227.81' / Y: 487840.96' B - X: 570881.56' / Y: 487843.47' C - X: 570883.00' / Y: 482351.56' D - X: 568203.23' / Y: 482533.34' SECTION 2 SECTION 1 SECTION 11 SECTION 12 CORNER COORDINATES NAD 87, SPCS NM EAST A - X: 527046.14' / Y: 487781.95' B - X: 529699.85' / Y: 487784.43' C - X: 529701.19' / Y: 482492.66' D - X: 527021.46' / Y: 482475.08'			SECTION 31 SECTION 6 1447' 2325' 330' SHL 337' FIRST TAKE 2348' LAST TAKE/BHL R-26-E R-27-E			"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. Signature: <i>[Signature]</i> Date: 04/25/2018 Printed Name: Melissa Szudera E-mail Address: mszudera@marathonoil.com "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: APRIL 24, 2018 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: LLOYD P. SHORT 21653		
--	--	--	--	--	--	--	--	--

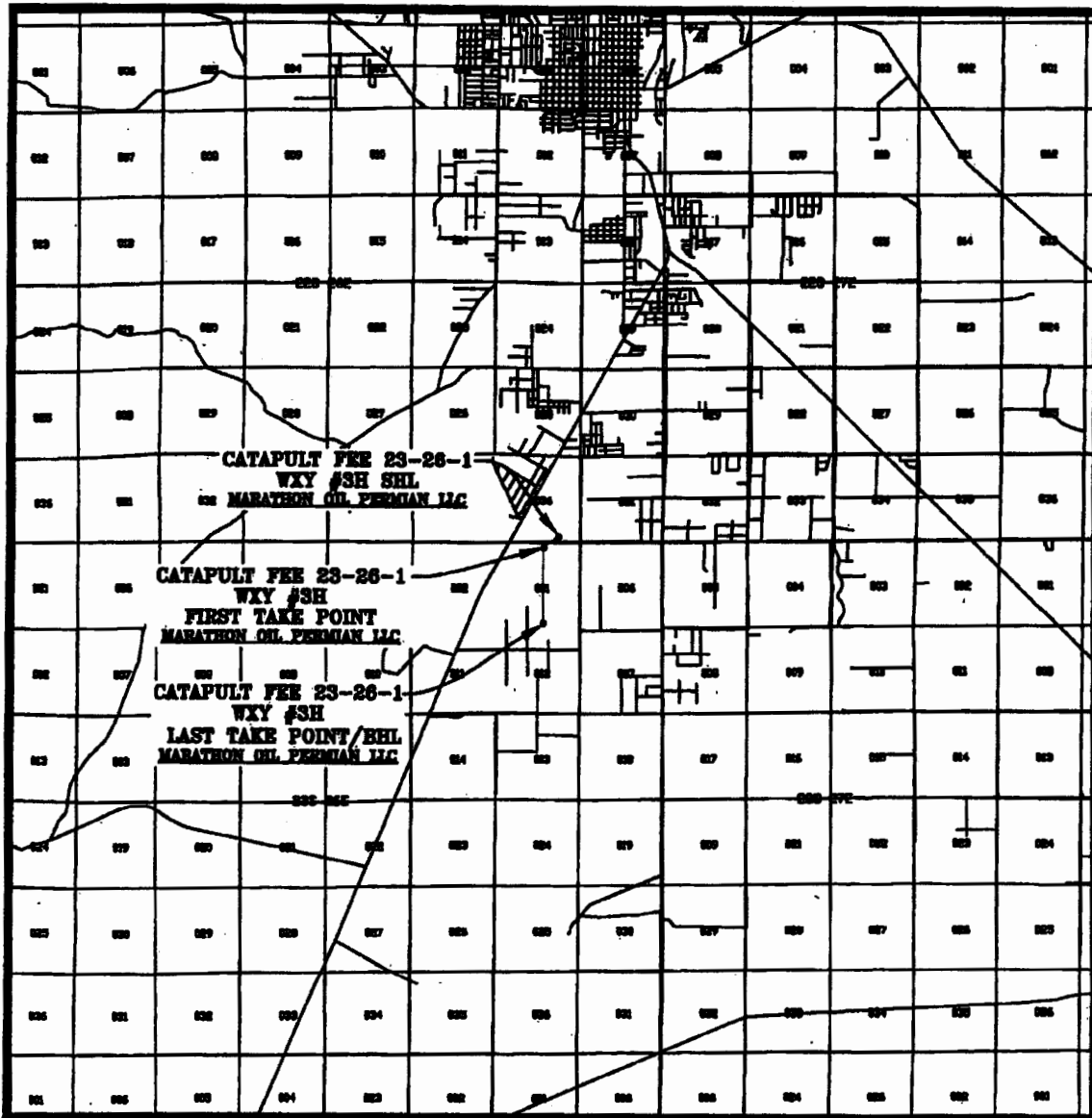
2	04/09/2018	CAP
REV.	DATE	BY

RWP 5-7-18

SCALE: 1" = 2000'
CONTOUR INTERVAL = 5'

PREPARED BY:
E-SQUARED GLOBAL, LLC
1309 LOUISVILLE AVENUE, MONROE, LA 71201
518-323-8900 OFFICE
JOB No. E3798_002

VICINITY MAP



SEC. 1 TWP. 23-S RGE. 26-E
SURVEY: N.M.P.M.
COUNTY: EDDY
DESCRIPTION: 337' FSL & 1447' FEL
ELEVATION: 3217'
OPERATOR: MARATHON OIL PERMIAN LLC
LEASE: CATAPULT FEE 23-26-1
U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.

SCALE: 1" = 2 MILES

PREPARED BY:
R-SQUARED GLOBAL, LLC
1309 LOUISVILLE AVENUE, MONROE, LA 71201
816-823-6900 OFFICE
JOB No. R3798_002

Marathon Oil Corporation

Marathon Oil
Eddy County, NM
Catapult-Airport Pad
Cat WXY #3H
Prelim Plan A
GL: 3217' + KB: 25' (Prec594)

DB State Plane 1927 (Exact solution)
NAD 1983 (NADCON CONUS)
Clarke 1866
New Mexico East 3001
Mean Sea Level

RKB Elevation: Well @ 3242.00ft (GL: 3217' + KB: 25' (Prec594))

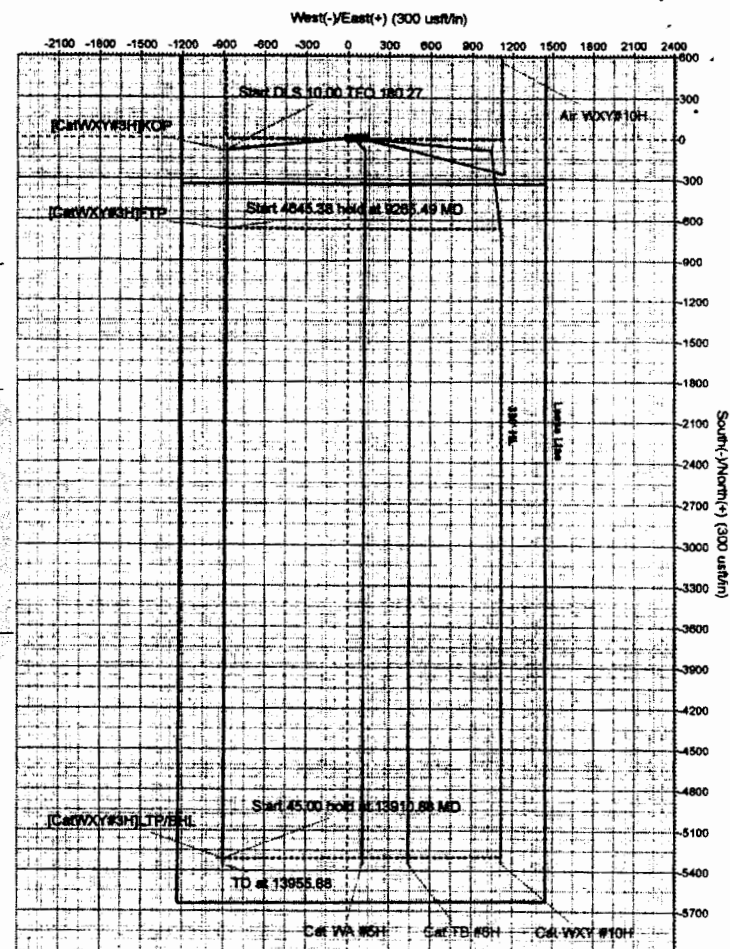
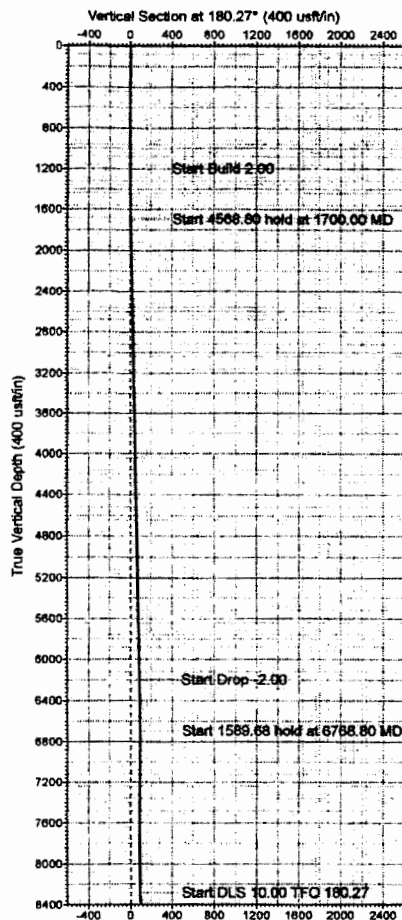
+N-S	+E-W	North	East	Latitude	Longitude	Spot
0.00	0.00	488120.20	528253.43	32.3419	-104.2419	

SECTION DETAILS

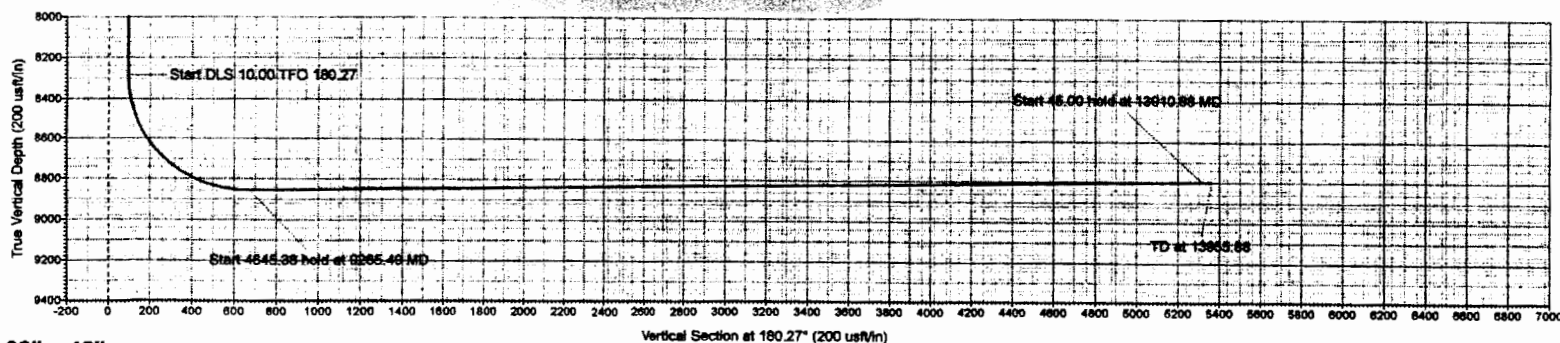
Sec	MD	Inc	Adj	TVD	+N-S	+E-W	Drop	VDepth
1	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00
3	1700.00	10.00	264.28	1697.47	-4.35	-43.30	2.00	4.95
4	6258.80	10.00	264.28	6196.86	-83.65	-832.70	0.00	87.57
5	6768.80	0.00	0.00	6894.32	-88.00	-876.00	2.00	92.13
6	8358.48	0.00	0.00	8284.00	-88.00	-876.00	0.00	92.13
7	8265.49	90.70	180.27	8856.91	-867.97	-878.71	18.00	872.19
8	13910.88	90.70	180.27	8800.04	-8312.95	-900.43	0.00	8317.53
9	13955.88	90.70	180.27	8796.49	-8357.95	-900.64	0.00	8382.13

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	North	East
Cat WXY #3H JTP	0.00	-867.53	-876.52	487482.27	527374.81
Cat WXY #3H JKP	8284.00	-88.00	-876.00	488933.20	527377.43
Cat WXY #3H JTP/BHL	8805.84	-8312.95	-900.43	482887.25	527353.00



Target Line: 8865' TVD @ 0' VS: 90.7° INC



Azimuths to Grid North
True North: -0.00°
Magnetic North: 7.32°
Magnetic Field
Strength: 489.0 uT
Dip Angle: 60.0°
Date: 4/17/2018
Model: HDOM

Azimuth Corrections

Total Magnetic Corr. (M to G): 7.32°

Declination (M to T): 7.37° East

36" x 48"



Professional Directional Planning Report



Database Company:	WellPlanner1 Marathon Oil	Local Co-ordinate Reference:	Well Cat WXY #3H
Project:	Eddy County, NM	TVD Reference:	Well @ 3242.00usft (GL: 3217' + KB: 25' (Prec594))
Site:	Catapult-Airport Pad	MD Reference:	Well @ 3242.00usft (GL: 3217' + KB: 25' (Prec594))
Well:	Cat WXY #3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Prelim Plan A		

Project:	Eddy County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Catapult-Airport Pad		
Site Position:		Northing:	488,120.19 usft
From:	Map	Easting:	528,313.43 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Grid Convergence:	0.05 °

Well:	Cat WXY #3H		
Well Position	+N-S	0.01 usft	Northing: 488,120.20 usft
	+E-W	-60.00 usft	Easting: 528,253.43 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	Ground Level: 3,217.00 usft

Wellbore:	OH		
Magnetics	Model Name	Sample Date	Declination
	HDGM	4/17/2018	7.37
			Dip Angle
			60.07
			Field Strength
			48,010.30

Design:	Prelim Plan A		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.00	0.00	180.27

Plan Survey Tool Program		Date: 4/17/2018	
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name
1	0.00	1,150.00 Prelim Plan A (OH)	MWD+IFR1
			OWSG MWD + IFR1
2	1,150.00	5,400.00 Prelim Plan A (OH)	MWD+IFR1
			OWSG MWD + IFR1
3	5,400.00	10,000.00 Prelim Plan A (OH)	MWD+IFR1
			OWSG MWD + IFR1
4	10,000.00	13,955.88 Prelim Plan A (OH)	MWD+IFR1
			OWSG MWD + IFR1

Well Planner Marathon Oil	Well Cat WXY#3H Well @ 3242.00ust (GL 3217 - KB 25) (Prec 504)
Eddy County, NM	Well @ 3242.00ust (GL 3217 - KB 25) (Prec 504)
Catapult Airport Pad	Grid
Cat WXY#3H	Minimum Curvature
OH	
Prelim Plan A	

TIME	DEPTH	ANGLE	SLANT	GRD	GRD	GRD	GRD	GRD	GRD
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	10.00	264.26	1,697.47	-4.35	-43.30	2.00	2.00	0.00	264.26
6,268.80	10.00	264.26	6,196.86	-83.65	-832.70	0.00	0.00	0.00	0.00
6,768.80	0.00	0.00	6,694.32	-88.00	-876.00	2.00	-2.00	0.00	180.00
8,358.48	0.00	0.00	8,284.00	-88.00	-876.00	0.00	0.00	0.00	0.00 [CatWXY#3H]KOP
9,265.48	90.70	180.27	8,856.82	-667.97	-876.71	10.00	10.00	-19.82	180.27
13,910.88	90.70	180.27	8,800.04	-5,312.95	-900.43	0.00	0.00	0.00	0.00 [CatWXY#3H]LTP/BH
13,955.88	90.70	180.27	8,799.49	-5,357.95	-900.64	0.00	0.00	0.00	0.00

TIME	DEPTH	ANGLE	SLANT	GRD	GRD	GRD	GRD	GRD	GRD
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
[CatWXY#3H]LTP	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	10.00	264.26	1,697.47	-4.35	-43.30	4.55	2.00	2.00	0.00
6,268.80	10.00	264.26	6,196.86	-83.65	-832.70	67.57	0.00	0.00	0.00
6,768.80	0.00	0.00	6,694.32	-88.00	-876.00	92.13	2.00	-2.00	0.00
8,358.48	0.00	0.00	8,284.00	-88.00	-876.00	92.13	0.00	0.00	0.00
[CatWXY#3H]KOP	0.00	0.00	8,284.00	-88.00	-876.00	92.13	0.00	0.00	0.00
9,265.48	90.70	180.27	8,856.82	-667.97	-876.71	672.10	10.00	10.00	0.00
13,910.88	90.70	180.27	8,800.04	-5,312.95	-900.43	5,317.13	0.00	0.00	0.00
[CatWXY#3H]LTP/BH	0.00	0.00	8,799.49	-5,357.95	-900.64	5,362.13	0.00	0.00	0.00
13,955.88	90.70	180.27	8,799.49	-5,357.95	-900.64	5,362.13	0.00	0.00	0.00

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

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. 30-015-44690
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
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 Catapult Fee 23 26 1 WXY
4. Well Location Unit Letter O : 463 feet from the South line and 1437 feet from the East line Section 1 Township 23S Range 26E NMPM County Eddy		8. Well Number 10H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3219'		9. OGRID Number 372098
		10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

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. respectfully requests to change the SHL of this well
from: 463' FSL 1437' FEL of O-1-T23S-R26E
to: 337' FSL 1357' FEL of O-36-T22S-R26E

Attached is an updated C-102, Directional and GCP.

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 25 2018

RECEIVED

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Regulatory Compliance Representative

DATE 4/23/2018

Type or print name

Melissa Szudera

E-mail address:

mszudera@marathonoil.com

PHONE:

713-296-3179

For State Use Only

APPROVED BY:

TITLE Geologist

DATE

5-7-18

Conditions of Approval (if any):

District I
1625 N. Freoch 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 30-015-44690	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code	⁵ Property Name CATAPULT FEE 23-26-1 WXY	⁶ Well Number 10H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3217'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	36	T22S	R26E		337	SOUTH	1357	EAST	EDDY

" 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
P	1	T23S	R26E		330	SOUTH	330	EAST	EDDY

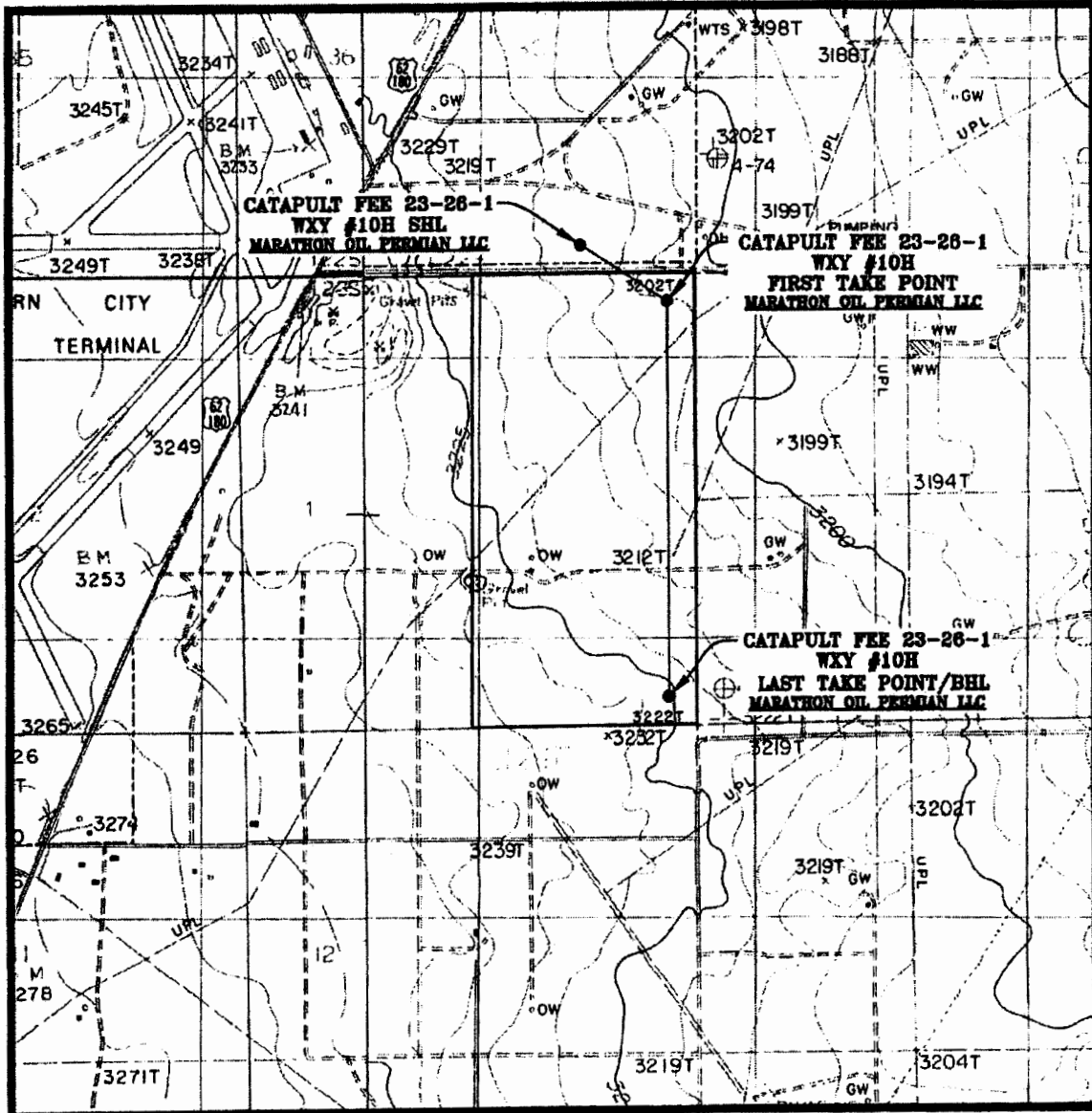
¹² Dedicated Acres 320.36	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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 35 SECTION 36 T-22-S SECTION 2 SECTION 1 T-23-S SURFACE HOLE LOCATION 337' FSL 1357' FEL, SECTION 36 NAD 83, SPCS NM EAST X569525.11' / Y488179.22' LAT32.34284299N / LON104.24206160W NAD 87, SPCS NM EAST X569343.43' / Y488120.19' LAT32.34192401N / LON104.24155917W FIRST TAKE POINT 330' FSL 330' FEL, SECTION 1 NAD 83, SPCS NM EAST X570531.65' / Y487513.15' LAT32.34020961N / LON104.23873960W NAD 87, SPCS NM EAST X569369.94' / Y487454.13' LAT32.34009137N / LON104.23823732W LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FSL 330' FEL, SECTION 1 NAD 83, SPCS NM EAST X570552.91' / Y482879.39' LAT32.32747207N / LON104.23874880W NAD 87, SPCS NM EAST X569371.11' / Y482620.49' LAT32.32735377N / LON104.23824683W CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 568227.81' / Y: 487840.96' B - X: 570881.56' / Y: 487843.47' C - X: 570883.00' / Y: 482531.56' D - X: 568203.23' / Y: 482533.94' SECTION 2 SECTION 1 SECTION 11 SECTION 12 CORNER COORDINATES NAD 87, SPCS NM EAST A - X: 527046.14' / Y: 487781.95' B - X: 529699.85' / Y: 487784.43' C - X: 529701.19' / Y: 482492.66' D - X: 527021.46' / Y: 482475.08'				" 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. Signature: <i>[Signature]</i> Date: 04/25/2018 Melissa Szudera Printed Name mszudera@marathonoil.com 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 and correct to the best of my belief. APRIL 24, 2018 Date of Survey Signature and Seal of Professional Surveyor Certificate Number LLOYD P. SHORT 21653 PROFESSIONAL SURVEYOR			
---	--	--	--	---	--	--	--

RW 5-7-18

LOCATION VERIFICATION MAP

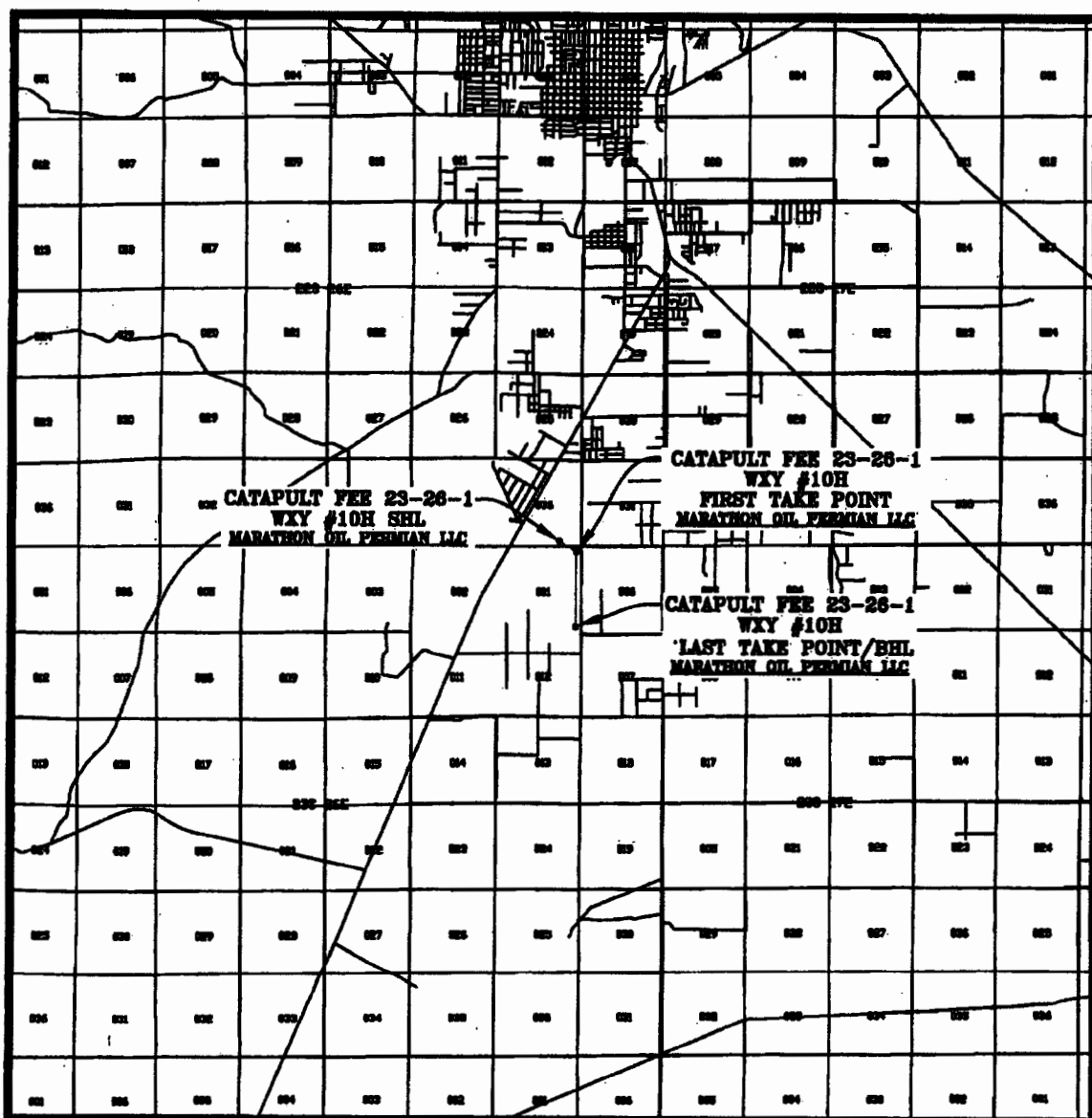


SEC. 1 TWP. 23-S RGE. 26-E
 SURVEY: N.M.P.M.
 COUNTY: EDDY
 DESCRIPTION: 337' FSL & 1357' FEL
 ELEVATION: 3217'
 OPERATOR: MARATHON OIL PERMIAN LLC
 LEASE: CATAPULT FEE 23-26-1
 U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.

SCALE: 1" = 2000'
 CONTOUR INTERVAL = 5'

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 318-323-6900 OFFICE
 JOB No. R3798_001

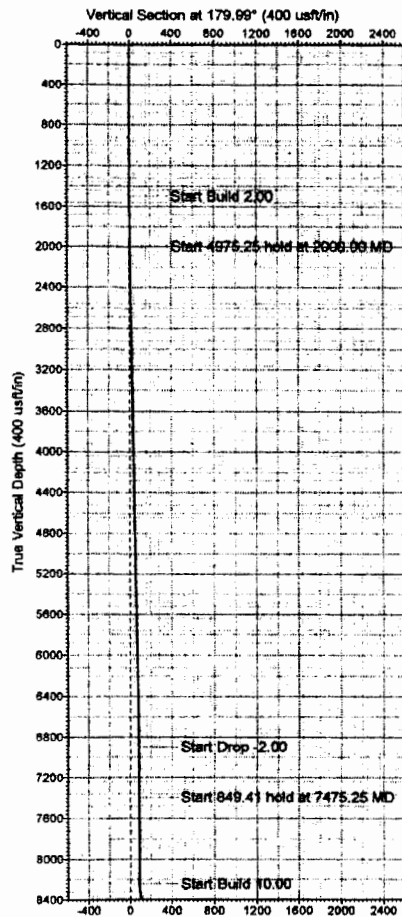
VICINITY MAP



SEC. 1 TWP. 23-S RGE. 26-E
 SURVEY: N.M.P.M.
 COUNTY: EDDY
 DESCRIPTION: 337 FSL & 1357 FEL
 ELEVATION: 3217'
 OPERATOR: MARATHON OIL PERMIAN LLC
 LEASE: CATAPULT FEE 23-26-1
 U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.

SCALE: 1" = 2 MILES

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 318-323-6900 OFFICE
 JOB No. R3798_001



Marathon Oil Corporation

Marathon Oil
Eddy County, NM
Catapult-Airport Pad
Cat WXY #10H
Prelim Plan A
GL: 3217' + KB: 25' (Prec594)

US State Plane 1927 (Best solution)
NAD 1983 (NAD83 CONUS)
Clarke 1866
New Mexico East 3001
Mean Sea Level

RKB Elevation: Well @ 3242.00usf (GL: 3217' + KB: 25' (Prec594))

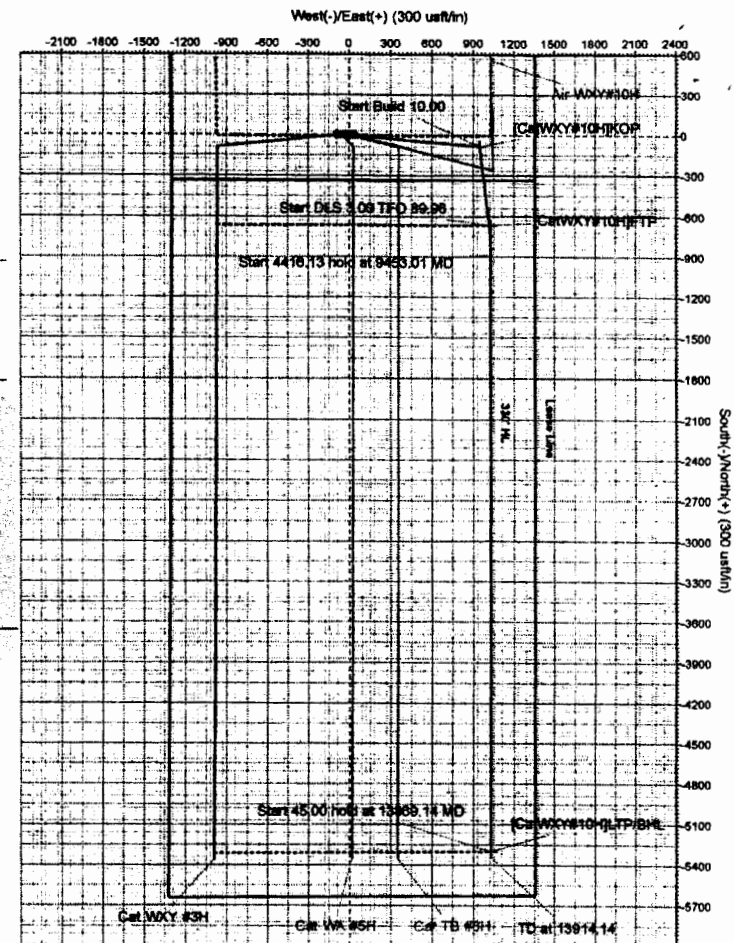
+N-S	+E-W	Northing	Easting	Latitude	Longitude	Spot
0.00	0.00	488120.19	528343.43	32.3419	-104.2418	

SECTION DETAILS

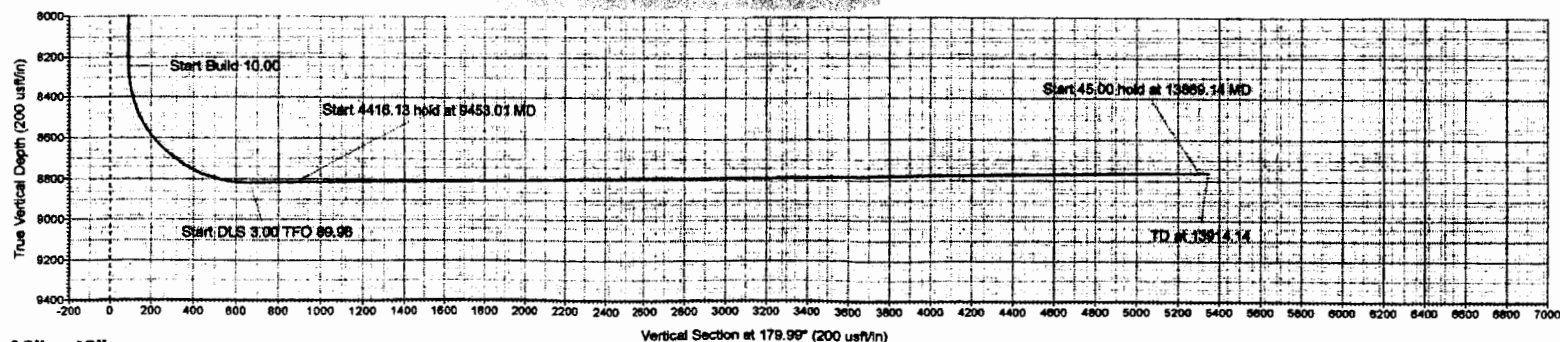
Sec	MD	Int	Asl	TVD	+N-S	+E-W	Drop	VBnd
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00
3	2000.00	10.00	95.25	1997.47	-3.98	43.34	2.00	3.99
4	6975.25	10.00	95.25	6997.13	-83.02	903.66	0.00	83.18
5	7475.25	0.00	0.00	7394.59	-87.00	947.00	2.00	87.17
6	8324.65	0.00	0.00	8244.00	-87.00	947.00	0.00	87.17
7	9231.65	90.70	173.35	9816.92	-663.06	1014.18	10.00	863.23
8	9453.01	90.70	179.99	9814.21	-683.90	1027.01	2.00	884.08
9	13869.14	90.70	179.99	9790.25	-5299.70	1027.69	0.00	5299.90
10	13914.14	90.70	179.99	6759.70	-5344.70	1027.69	0.00	5344.88

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
[CatWXY#10H]FTP	0.00	-666.06	1026.51	487454.13	529309.94
[CatWXY#10H]KOP	8244.00	-87.00	947.00	488033.19	529290.43
[CatWXY#10H]LTP/BHL	6766.25	-5299.70	1027.69	482820.46	529371.11



Target Line: 8825' TVD @ 0° VS: 90.7° INC



Admuth to Grid North
True North: -0.05°
Magnetic North: 7.32°
Magnetic Field
Strength: 49010.3nT
Dip Angle: 80.07°
Date: 4/17/2018
Model: HDGM

Altitude Corrections

Total Magnetic Corr. (M to G): 7.32°

Declination (M to T): 7.37° East

36" x 48"



Professional Directional Planning Report



Database Company:	WellPlanner1 Marathon Oil	Local Co-ordinate Reference:	Well Cat WXY #10H
Project:	Eddy County, NM	TVD Reference:	Well @ 3242.00usft (GL: 3217' + KB: 25' (Prec594))
Site:	Catapult-Airport Pad	MD Reference:	Well @ 3242.00usft (GL: 3217' + KB: 25' (Prec594))
Well:	Cat WXY #10H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Prelim Plan A		

Project:	Eddy County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Catapult-Airport Pad		
Site Position:		Northing:	488,120.19 usft
From:	Map	Easting:	528,313.43 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Grid Convergence:	0.05 °

Well:	Cat WXY #10H		
Well Position	+N-S 0.00 usft	Northing:	488,120.19 usft
	+E-W 30.00 usft	Easting:	528,343.43 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	3,217.00 usft
		Ground Level:	

Wellbore:	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	4/17/2018	7.37
			60.07
			48,010.30

Design:	Prelim Plan A		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)
	0.00	0.00	179.99

Plan Survey Tool Program		Date	4/17/2018		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	1,150.00 Prelim Plan A (OH)	MWD+IFR1		
			OWSG MWD + IFR1		
2	1,150.00	5,400.00 Prelim Plan A (OH)	MWD+IFR1		
			OWSG MWD + IFR1		
3	5,400.00	10,000.00 Prelim Plan A (OH)	MWD+IFR1		
			OWSG MWD + IFR1		
4	10,000.00	13,914.14 Prelim Plan A (OH)	MWD+IFR1		
			OWSG MWD + IFR1		



Professional Directional
Planning Report



Well Planner Marathon Oil	Well: Cat WXY#10H1 Well @ 3242.00m (GL 3217.0 KB 25) (Prec504)
Eddy County, NM	Well @ 3242.00m (GL 3217.0 KB 25) (Prec504)
Catapult Airport Road	Grid
Cat WXY#10H1	Minimum Curvature
OH	
Prim Plan A	

Station	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	10.00	95.25	1,997.47	-3.88	43.34	2.00	2.00	0.00	95.25
6,975.25	10.00	95.25	6,897.13	-83.02	903.66	0.00	0.00	0.00	0.00
7,475.25	0.00	0.00	7,394.59	-87.00	947.00	2.00	-2.00	0.00	180.00
8,324.65	0.00	0.00	8,244.00	-87.00	947.00	0.00	0.00	0.00	0.00 [Cat WXY#10H1]KOP
9,231.65	90.70	173.35	8,816.92	-863.06	1,014.16	10.00	10.00	0.00	173.35
9,453.01	90.70	179.99	8,814.21	-863.90	1,027.01	3.00	0.00	3.00	89.98
13,869.14	90.70	179.99	8,760.25	-5,299.70	1,027.68	0.00	0.00	0.00	0.00 [Cat WXY#10H1]LTP/BI
13,914.14	90.70	179.99	8,759.70	-5,344.70	1,027.69	0.00	0.00	0.00	0.00

Station	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth	True Azimuth
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	10.00	95.25	1,997.47	-3.88	43.34	3.99	2.00	2.00	0.00
6,975.25	10.00	95.25	6,897.13	-83.02	903.66	83.18	0.00	0.00	0.00
7,475.25	0.00	0.00	7,394.59	-87.00	947.00	87.17	2.00	-2.00	0.00
8,324.65	0.00	0.00	8,244.00	-87.00	947.00	87.17	0.00	0.00	0.00
9,231.65	90.70	173.35	8,816.92	-863.06	1,014.16	863.23	10.00	10.00	0.00
9,453.01	90.70	179.99	8,814.21	-863.90	1,027.01	884.08	3.00	0.00	3.00
13,869.14	90.70	179.99	8,760.25	-5,299.70	1,027.68	5,299.88	0.00	0.00	0.00
13,914.14	90.70	179.99	8,759.70	-5,344.70	1,027.69	5,344.88	0.00	0.00	0.00

**Catapult Unit (E2 of Section 1-23S-26E)
Eddy County, NM**

 Tract 1 (160.36 Acres)
 Tract 2 (160.00 Acres)

Tract 1 - Fee Leases (No Unleased Parties)

V. 1010, P. 932 - 01/28/2015
V. 1010, P. 933 - 01/28/2015
V. 1010, P. 941 - 01/28/2015
V. 1010, P. 926 - 01/28/2015
V. 1010, P. 929 - 01/28/2015
V. 1010, P. 938 - 01/28/2015

Tract 2 - Unleased Interest

Robert L. Cruce
2.05128320 NMA in E2 (320 Acre WC Spacing Unit)
0.01282052 Interest
1.0256416 NMA in E2/E2 (160 Acre BS Spacing Unit)
0.00641026 Interest

Arkansas Children's Hospital
4.10256480 NMA in E2 (320 Acre WC Spacing Unit)
0.02564103 Interest
2.0512824 NMA in E2/E2 (160 Acre BS Spacing Unit)
0.00128205 Interest

Robert Lee Moore
2.73504160 NMA in E2 (320 Acre WC Spacing Unit)
0.01709401 Interest
1.3675208 NMA in E2/E2 (160 Acre BS Spacing Unit)
0.00854700 Interest

Fee Leases

V. 1105, P. 450 - 01/08/2018
V. 1105, P. 456 - 01/23/2018
V. 1105, P. 455 - 01/23/2018
V. 1105, P. 460 - 01/27/2018
V. 1105, P. 459 - 01/30/2018
V. 1105, P. 454 - 02/02/2018
V. 1105, P. 458 - 02/05/2018
V. 1105, P. 453 - 02/07/2018
V. 1105, P. 449 - 02/07/2018
V. 1105, P. 457 - 01/23/2018
V. 1105, P. 451 - 02/27/2018
V. 1105, P. 452 - 02/08/2018
Unrecorded - 03/14/2018
V. 1093, P. 1052 - 10/07/2016
V. 1103, P. 981 - 10/07/2016
V. 1103, P. 982 - 10/07/2016

030

NM23

031

036

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034

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2

NM

007

012

011

010

018

013

014

018

EXHIBIT

3

Date: 5/14/2018

Matt S. Tate, CPL
Land Professional
Permian Basin



Marathon Oil Company
5555 San Felipe
Houston, TX 77056
Telephone 713.296.2164
Cell 281.904.1697
Fax 713.235.8033
matthewstate@marathonoil.com

February 16, 2018

DELIVERED VIA:
Certified Mail

Robert L. Cruce
7510 Kelley Road
Little Rock, Arkansas 72118

Re: Well Proposal and AFE – Catapult Fee 23 26 1 TB 6H
Section 1, T23S-R26E, Eddy County, NM

Dear Mr. Cruce:

Marathon Oil Permian LLC ("Marathon"), hereby proposes the drilling and completion of the Catapult Fee 23 26 1 TB 6H well. The SHL is in the SE/4 and the BHL is in the NE/4 of Section 1, Township 23 South, Range 26 East, Eddy County, New Mexico. The well will be drilled to a total vertical depth of 8,692' and total measured depth of 13,639' to the Bone Spring formation. The total estimated cost to drill and complete this well is \$6,779,788 and reflected on the enclosed Authority for Expenditure.

Marathon proposes drilling the well under the terms of the 1989 AAPL JOA and a copy will be provided to you following this proposal. The JOA will contain the following general provisions:

- 100%/300%/300% non-consent penalty
- \$7,000/\$700 drilling and producing rates
- Contract area covering the E/2 E/2 Section 1, T23S-R26E, covering all depths

Our title records show that you own 1.28125% working interest in the proposed unit. If your election is to participate in the drilling and completion of the well please sign and return a copy of this letter along with the enclosed AFE within thirty (30) days of receipt of this proposal.

Should you have any questions please do not hesitate to contact me at 713-296-2164 or by email at matthewstate@marathonoil.com.

Sincerely,

Matt S. Tate, CPL
Permian Basin

Catapult Fee 23 26 1 TB 6H
Election Letter



PARTICIPATION ELECTION:

_____ I/We hereby elect to participate in the drilling and completion of the Catapult Fee 23 26 1 TB 6H as described above.

_____ I/We elect to participate in the drilling and completion of the Catapult Fee 23 26 1 TB 6H as described above and our proportionate share of any nonconsent interest.

_____ I/We hereby elect NOT to participate in the Catapult Fee 23 26 1 TB 6H.

NAME/COMPANY: _____

SIGNATURE: _____

NAME: _____

DATE: _____

TELEPHONE NUMBER: _____

EMAIL ADDRESS: _____

Matt S. Tate, CPL
Land Professional
Permian Basin



Marathon Oil Company
5555 San Felipe
Houston, TX 77056
Telephone 713.296.2164
Cell 281.904.1697
Fax 713.235.8033
matthewstate@marathonoil.com

February 16, 2018

DELIVERED VIA:
Certified Mail

Robert L. Cruce
7510 Kelley Road
Little Rock, Arkansas 72118

Re: Well Proposal and AFE – Catapult Fee 23 26 1 WA 5H
Section 1, T23S-R26E, Eddy County, NM

Dear Mr. Cruce:

Marathon Oil Permian LLC ("Marathon"), hereby proposes the drilling and completion of the Catapult Fee 23 26 1 WA 5H well. The SHL is in the SE/4 and the BHL is in the NE/4 of Section 1, Township 23 South, Range 26 East, Eddy County, New Mexico. The well will be drilled to a total vertical depth of 8,920' and total measured depth of 13,867' to the Wolfcamp formation. The total estimated cost to drill and complete this well is \$6,806,518 and reflected on the enclosed Authority for Expenditure.

Marathon proposes drilling the well under the terms of the 1989 AAPL JOA and a copy will be provided to you following this proposal. The JOA will contain the following general provisions:

- 100%/300%/300% non-consent penalty
- \$7,000/\$700 drilling and producing rates
- Contract area covering the E/2 Section 1, T23S-R26E, covering all depths

Our title records show that you own 0.64062% working interest in the proposed unit. If your election is to participate in the drilling and completion of the well please sign and return a copy of this letter along with the enclosed AFE within thirty (30) days of receipt of this proposal.

Should you have any questions please do not hesitate to contact me at 713-296-2164 or by email at matthewstate@marathonoil.com.

Sincerely,

Matt S. Tate, CPL
Permian Basin

Catapult Fee 23 26 1 WA 5H
Election Letter

PARTICIPATION ELECTION:

_____ I/We hereby elect to participate in the drilling and completion of the Catapult Fee 23 26 1 WA 5H as described above.

_____ I/We elect to participate in the drilling and completion of the Catapult Fee 23 26 1 WA 5H as described above and our proportionate share of any nonconsent interest.

_____ I/We hereby elect NOT to participate in the Catapult Fee 23 26 1 WA 5H.

NAME/COMPANY: _____

SIGNATURE: _____

NAME: _____

DATE: _____

TELEPHONE NUMBER: _____

EMAIL ADDRESS: _____

Matt S. Tate, CPL
Land Professional
Permian Basin



Marathon Oil Company
5555 San Felipe
Houston, TX 77056
Telephone 713.296.2164
Cell 281.904.1697
Fax 713.235.8033
matthewstate@marathonoil.com

February 16, 2018

DELIVERED VIA:
Certified Mail

Robert L. Cruce
7510 Kelley Road
Little Rock, Arkansas 72118

Re: Well Proposal and AFE – Catapult Fee 23 26 1 WXY 3H
Section 1, T23S-R26E, Eddy County, NM

Dear Mr. Cruce:

Marathon Oil Permian LLC ("Marathon"), hereby proposes the drilling and completion of the Catapult Fee 23 26 1 WXY 3H well. The SHL is in the SE/4 and the BHL is in the NE/4 of Section 1, Township 23 South, Range 26 East, Eddy County, New Mexico. The well will be drilled to a total vertical depth of 8,865' and total measured depth of 13,812' to the Wolfcamp formation. The total estimated cost to drill and complete this well is \$6,804,358 and reflected on the enclosed Authority for Expenditure.

Marathon proposes drilling the well under the terms of the 1989 AAPL JOA and a copy will be provided to you following this proposal. The JOA will contain the following general provisions:

- 100%/300%/300% non-consent penalty
- \$7,000/\$700 drilling and producing rates
- Contract area covering the E/2 Section 1, T23S-R26E, covering all depths

Our title records show that you own 0.64062% working interest in the proposed unit. If your election is to participate in the drilling and completion of the well please sign and return a copy of this letter along with the enclosed AFE within thirty (30) days of receipt of this proposal.

Should you have any questions please do not hesitate to contact me at 713-296-2164 or by email at matthewstate@marathonoil.com.

Sincerely,

Matt S. Tate, CPL
Permian Basin

Catapult Fee 23 26 1 WXY 3H
Election Letter

PARTICIPATION ELECTION:

_____ I/We hereby elect to participate in the drilling and completion of the Catapult Fee 23 26 1 WXY 3H as described above.

_____ I/We elect to participate in the drilling and completion of the Catapult Fee 23 26 1 WXY 3H as described above and our proportionate share of any nonconsent interest.

_____ I/We hereby elect NOT to participate in the Catapult Fee 23 26 1 WXY 3H.

NAME/COMPANY: _____

SIGNATURE: _____

NAME: _____

DATE: _____

TELEPHONE NUMBER: _____

EMAIL ADDRESS: _____

Matt S. Tate, CPL
Land Professional
Permian Basin



Marathon Oil Company
5555 San Felipe
Houston, TX 77056
Telephone 713.296.2164
Cell 281.904.1697
Fax 713.235.8033
matthewstate@marathonoil.com

DELIVERED VIA:
Certified Mail

February 16, 2018

Robert L. Cruce
7510 Kelley Road
Little Rock, Arkansas 72118

Re: Well Proposal and AFE – Catapult Fee 23 26 1 WXY 10H
Section 1, T23S-R26E, Eddy County, NM

Dear Mr. Cruce:

Marathon Oil Permian LLC ("Marathon"), hereby proposes the drilling and completion of the Catapult Fee 23 26 1 WXY 10H well. The SHL is in the SE/4 and the BHL is in the NE/4 of Section 1, Township 23 South, Range 26 East, Eddy County, New Mexico. The well will be drilled to a total vertical depth of 8,920' and total measured depth of 13,867' to the Wolfcamp formation. The total estimated cost to drill and complete this well is \$6,804,358 and reflected on the enclosed Authority for Expenditure.

Marathon proposes drilling the well under the terms of the 1989 AAPL JOA and a copy will be provided to you following this proposal. The JOA will contain the following general provisions:

- 100%/300%/300% non-consent penalty
- \$7,000/\$700 drilling and producing rates
- Contract area covering the E/2 Section 1, T23S-R26E, covering all depths

Our title records show that you own 0.64062% working interest in the proposed unit. If your election is to participate in the drilling and completion of the well please sign and return a copy of this letter along with the enclosed AFE within thirty (30) days of receipt of this proposal.

Should you have any questions please do not hesitate to contact me at 713-296-2164 or by email at matthewstate@marathonoil.com.

Sincerely,

Matt S. Tate, CPL
Permian Basin

Catapult Fee 23 26 1 WXY 10H
Election Letter

PARTICIPATION ELECTION:

_____ I/We hereby elect to participate in the drilling and completion of the Catapult Fee 23 26 1 WXY 10H as described above.

_____ I/We elect to participate in the drilling and completion of the Catapult Fee 23 26 1 WXY 10H as described above and our proportionate share of any nonconsent interest.

_____ I/We hereby elect NOT to participate in the Catapult Fee 23 26 1 WXY 10H.

NAME/COMPANY: _____

SIGNATURE: _____

NAME: _____

DATE: _____

TELEPHONE NUMBER: _____

EMAIL ADDRESS: _____

Permian Asset Team			
Field	0	Location	23 26 1
Lease / Facility	CATAPULT FEE 23 26 1 TB 6H	State	NEW MEXICO
Operator	MARATHON OIL PERMIAN LLC	County/Parish	EDDY

Rig	594
Estimated Start Date	28-Jul-2018
Estimated Completion Date	22-Aug-2018

Estimated Gross Cost This AFE: **\$6,779,788**

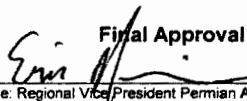
Project Description & Reason for Expenditure: Drill, Complete, & Equip a Horizontal Well

This well is planned to be drilled and completed with multistage fracturing using plug and perf. The estimated cost of drilling, testing, completing, and equipping the well is \$6,779,788 as detailed in the provided authority for expenditure document. This will include installation of transitional and long term artificial lift systems.

The well will be drilled to a total vertical depth of 8,692' and a total measured depth of 13,639', with an estimated treatable lateral length of 4,650' and will be completed with an estimated 30 stages and approximately 2,500 lbs/ft of proppant.

Prepared By: AGPRADEEP... JACOB BEATY, JOSH SHANNON, MATT HENSCHEN, TOMMY MAZAL, LANE NEAL

Final Approval



Date: _____

Title: Regional Vice President Permian Asset Team

Participant's Approval

Name of Company: _____

Signature: _____

Title: _____ Date: _____

EXHIBIT

4-A

MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 1/0/1900

DRILLING & LOCATION PREPARED BY JACOB BEATY
 COMPLETION PREPARED BY JOSH SHANNON
 FACILITIES PREPARED BY MATT HENSCHEN
 ARTIFICIAL LIFT PREPARED BY TOMMY MAZAL

Asset Team	PERMIAN				
Field	0	FORMATION: 3RD BONE SPRINGS	WILDCAT	EXPLORATION	
Lease/Facility	CATAPULT FEE 23 26 1 TB 6H		DEVELOPMENT	RECOMPLETION	
Location	EDDY COUNTY		X EXPLOITATION	WORKOVER	
Prospect	MALAGA				
Est Total Depth	13,639	Est Drilling Days	18.13	Est Completion Days	5.5

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	25,000
7001250	Land Broker Fees and Services	37,500
TOTAL LOCATION COST - INTANGIBLE		62,500

DRILLING COST - TANGIBLE

7012050	Conductor Pipe	28,000
7012050	Surface Casing	16,000
7012050	Intermediate Casing 1	50,000
7012050	Intermediate Casing 2	205,000
7012050	Production Casing	61,000
7012050	Drig Liner Hanger, Tieback Eq & Cag Accessories	75,000
7012550	Drilling Wellhead Equipment	70,000
7012040	Casing & Tubing Access	24,000
7012270	Miscellaneous MRO Materials	-
TOTAL DRILLING - TANGIBLE		529,000

DRILLING COST - INTANGIBLE

7019200	Drilling Rig Mob/Demob	32,500
7019220	Drilling Rig - day work/footage	362,500
7019040	Directional Drilling Services	148,250
7019020	Cement and Cementing Service	15,000
7019020	Cement and Cementing Service	25,000
7019020	Cement and Cementing Service	40,000
7019020	Cement and Cementing Service	45,000
7019140	Mud Fluids & Services	61,500
7012310	Solids Control equipment	32,000
7012020	Bits	70,000
7019010	Casing Crew and Services	30,000
7016350	Fuel (Rig)	56,000
7019140	Fuel (Mud)	18,000
7001460	Water (non potable)	25,000
7019000	Well Logging Services	-
7019150	Mud Logging+geosteering	14,000
7019250	Stabilizers, Hole Openers, Underreamers (DH rentals)	15,000
7019110	Casing Inspection/cleaning	15,000
7019110	Drill pipe/collar inspection services	10,000
7016180	Freight - truck	25,000
7001460	Water hauling and disposal (includes soil farming)	135,000
7001440	Vacuum Trucks	20,000
7000030	Contract Labor - general	30,000
7018150	Rental Tools and Equipment (surface rentals)	72,500
7018150	Rig Equipment and Misc.	5,438
7001110	Telecommunications Services	10,000
7001120	Consulting Services	85,188
7001400	Safety and Environmental	10,000
7018120	Rental Buildings (trailers)	-
7019310	Coring (sidewalls & analysis)	-
7011010	8% Contingency & Taxes	154,550
TOTAL DRILLING - INTANGIBLE		\$1,557,425

TOTAL DRILLING COST

\$2,086,425

COMPLETION - TANGIBLE

7012580	Tubing	75,000
7012040	Tubing Accessories (nipple, wireline entry)	15,000
7012550	Wellhead Equip	20,000
7012560	Packers - Completion Equipment	38,850
TOTAL COMPLETION - TANGIBLE		\$148,850

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 1/0/1900

Asset Team PERMIAN
Field 0 FORMATION: 3RD BONE SPRINGS
Lease/Facility CATAPULT FEE 23 26 1 TB 6H (was UNIT 189)

COMPLETION - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access (dress location after rig move, set anchors)	20,000
7019220	Drilling Rig During Completion	20,000
7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	140,000
7019240	Snubbing Services	25,000
7019270	Pulling/Swab Units	10,000
7016350	Fuel (from drig)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	71,000
7019320	Fracturing Services	1,860,000
7019330	Perforating	124,000
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frac fluids)	550,000
7016180	Freight - Truck (haul pipe; drig & compl)	40,000
7018150	BOP Rental & Testing	-
7018150	Rental Tools and Equipment (incl drig; lightplant,hydra-walk)	-
7018150	CT Downhole Rental Equipment (ie. Bit, BHA)	45,000
7000090	Contract Labor - general	75,000
7001110	Telecommunications Services	25,000
7001400	Safety and Environmental	-
7001120	Consulting Services	30,000
7018150	Zipper Manifold	57,600
7019300	Frack Stack Rentals	39,000
7016190	Freight (Transportation Services)	-
7018150	Equipment Rental (w/o operator, frac tanks, lightplants)	100,000
7018120	Rental Buildings (trailers)	55,000
7000030	Contract Labor - Pumping (pump-down pumps)	42,000
7011010	8% Contingency & Taxes	264,928
TOTAL COMPLETION - INTANGIBLE		\$3,593,528

TOTAL COMPLETION COST \$3,742,378

SURFACE EQUIPMENT - TANGIBLE

7012350	Misc. Piping, Fittings & Valves	86,765
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	69,528
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	27,078
7012270	Miscellaneous Materials (containment system)	43,047
7008060	SCADA	-
7016180	Freight - truck	-
7001190	Contract Engineering	29,116
7012290	Metering and Instrumentation	250,831
7012290	I&E Materials	-
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	-
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	77,572
7012500	Tanks	142,674
7012100	Heater Treater	12,997
7012640	Flare & Accessories	17,469
7000010	Electrical Labor	28,116
7000010	Mechanical Labor	-
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	23,293
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$809,485

TOTAL SURFACE EQUIPMENT COST \$ 809,485

ARTIFICIAL LIFT

7006640	Company Labor	3,000
7012180	Gas Lift Equipment	23,000
7012480	Rod Pumping, Sucker Rods & Rod Pump	-
7012140	Elect Sub Pumps (ESP)	-
7019350	Well Services-Well/Wellhead Services	22,500
7012270	Materials & Supplies-Tangible	25,000
7012550	Surface Wellhead Equipment	3,000
7012390	Pig Launchers/Receivers & Rel Equip	-
7011010	8% Contingency & Taxes	2,500
TOTAL ARTIFICIAL LIFT		79,000

TOTAL ARTIFICIAL LIFT COST \$ 79,000

SUMMARY OF ESTIMATED DRILLING WELL COSTS

	TOTAL COST
TOTAL LOCATION COST	\$ 62,500
TOTAL DRILLING COST	\$ 2,086,425
TOTAL COMPLETIONS COST	\$ 3,742,378
TOTAL SURFACE EQUIPMENT COST	\$ 809,485
TOTAL ARTIFICIAL LIFT COST	\$ 79,000
GRAND TOTAL COST	\$6,779,788



Drilling Project #
Pad Project #
DATE: 10/1900

Permian Asset Team	Location 23 26 1	Rig 594
Field 0	State NEW MEXICO	
Lease / Facility CATAPULT FEE 23 26 1 WA 6H	County/Parish EDDY	
Operator MARATHON OIL PERMIAN LLC	Estimated Start Date 12-Aug-2018	
	Estimated Completion Date 7-Sep-2018	
Estimated Gross Cost This AFE: \$6,806,518		

Project Description & Reason for Expenditure: Drill, Complete, & Equip a Horizontal Well

This well is planned to be drilled and completed with multistage fracturing using plug and perf. The estimated cost of drilling, testing, completing, and equipping the well is \$6,806,518 as detailed in the provided authority for expenditure document. This will include installation of transitional and long term artificial lift systems.

The well will be drilled to a total vertical depth of 8,920' and a total measured depth of 13,867', with an estimated treatable lateral length of 4,650' and will be completed with an estimated 30 stages and approximately 2,500 lbs/ft of proppant.

Prepared By: AG PRADEEP, JACOB BEATY, JOSH SHANNON, MATT HENSCHEN, TOMMY MAZAL, LANE NEAL

Final Approval

Date: _____
Title: Regional Vice President Permian Asset Team

Participant's Approval

Name of Company: _____

Signature: _____

Title: _____ Date: _____



MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 1/0/1900
 DRILLING & LOCATION PREPARED BY JACOB BEATY
 COMPLETION PREPARED BY JOSH SHANNON
 FACILITIES PREPARED BY MATT HENSCHEN
 ARTIFICIAL LIFT PREPARED BY TOMMY MAZAL

Asset Team PERMIAN
 Field 0 FORMATION: WOLFCAMP A
 Lease/Facility CATAPULT FEE 23 26 1 WA SH
 Location EDDY COUNTY
 Prospect MALAGA

WILDCAT EXPLORATION
DEVELOPMENT RECOMPLETION
X EXPLOITATION WORKOVER

Est Total Depth 13,867 Est Drilling Days 38 Est Completion Days 5.5

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	25,000
7001250	Land Broker Fees and Services	37,500
TOTAL LOCATION COST - INTANGIBLE		62,500

DRILLING COST - TANGIBLE

7012050	Conductor Pipe	28,000
7012050	Surface Casing	16,000
7012050	Intermediate Casing 1	50,000
7012050	Intermediate Casing 2	209,000
7012050	Production Casing	61,000
7012050	Drig Liner Hanger, Tieback Eq & Csg Accessories	75,000
7012550	Drilling Wellhead Equipment	70,000
7012040	Casing & Tubing Access	24,000
7012270	Miscellaneous MRO Materials	-
TOTAL DRILLING - TANGIBLE		533,000

DRILLING COST - INTANGIBLE

7019200	Drilling Rig Mob/Demob	32,500
7019220	Drilling Rig - day work/footage	372,500
7019040	Directional Drilling Services	148,000
7019020	Cement and Cementing Service Surface	15,000
7019020	Cement and Cementing Service Intermediate 1	25,000
7019020	Cement and Cementing Service Intermediate 2	40,000
7019020	Cement and Cementing Service Production	45,000
7019140	Mud Fluids & Services	62,000
7012310	Solids Control equipment	32,000
7012020	Bits	70,000
7019010	Casing Crew and Services	30,000
7016350	Fuel (Rig)	57,000
7019140	Fuel (Mud)	18,000
7001460	Water (non potable)	25,000
7019000	Well Logging Services	-
7019150	Mud Logging+geosteering	14,000
7019250	Stabilizers, Hole Openers, Underreamers (DH rentals)	15,000
7019110	Casing Inspection/cleaning	15,000
7019110	Drill pipe/collar inspection services	10,000
7016180	Freight - truck	25,000
7001460	Water hauling and disposal (includes soil farming)	135,000
7001440	Vacuum Trucks	20,000
7000030	Contract Labor - general	30,000
7018150	Rental Tools and Equipment (surface rentals)	74,500
7018150	Rig Equipment and Misc.	5,588
7001110	Telecommunications Services	10,000
7001120	Consulting Services	87,538
7001400	Safety and Environmental	10,000
7018120	Rental Buildings (trailers)	-
7019310	Coring (sidewalls & analysis)	-
7011010	8% Contingency & Taxes	156,530
TOTAL DRILLING - INTANGIBLE		\$1,580,155

TOTAL DRILLING COST

\$2,113,155

COMPLETION - TANGIBLE

7012580	Tubing	75,000
7012040	Tubing Accessories (nipple, wireline entry)	15,000
7012550	Wellhead Equip	20,000
7012560	Packers - Completion Equipment	38,850
TOTAL COMPLETION - TANGIBLE		\$148,850

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 1/0/1900

Asset Team PERMIAN
Field 0 FORMATION: WOLFCAMP A
Lease/Facility CATAPULT FEE 23 26 1 WA 5H (was UNIT 189)

COMPLETION - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access (dress location after rig move, set anchors)	20,000
7019220	Drilling Rig During Completion	20,000
7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	140,000
7019240	Snubbing Services	25,000
7019270	Pulling/Swab Units	10,000
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	71,000
7019320	Fracturing Services	1,860,000
7019330	Perforating	124,000
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frac fluids)	550,000
7016180	Freight - Truck (haul pipe; drlg & compl)	40,000
7018150	BOP Rental & Testing	-
7018150	Rental Tools and Equipment (Incl drlg; lightplant,hydra-walk)	-
7018150	CT Downhole Rental Equipment (ie. Bitt, BHA)	45,000
7000030	Contract Labor - general	75,000
7001110	Telecommunications Services	25,000
7001400	Safety and Environmental	-
7001120	Consulting Services	30,000
7018150	Zipper Manifold	57,600
7019300	Frack Stack Rentals	39,000
7016190	Freight (Transportation Services)	-
7018150	Equipment Rental (w/o operator, frac tanks, lightplants)	100,000
7018120	Rental Buildings (trailers)	55,000
7000030	Contract Labor - Pumping (pump-down pumps)	42,000
7011010	8% Contingency & Taxes	264,928
TOTAL COMPLETION - INTANGIBLE		\$3,593,528

TOTAL COMPLETION COST

\$3,742,378

SURFACE EQUIPMENT - TANGIBLE

7012350	Misc. Piping, Fittings & Valves	86,765
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	69,528
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	27,078
7012270	Miscellaneous Materials (containment system)	43,047
7008060	SCADA	-
7016180	Freight - truck	-
7001190	Contract Engineering	29,116
7012290	Metering and Instrumentation	250,831
7012290	I&E Materials	-
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	-
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	77,572
7012500	Tanks	142,674
7012100	Heater Treater	12,997
7012640	Flare & Accessories	17,469
7000010	Electrical Labor	29,116
7000010	Mechanical Labor	-
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	23,293
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$809,485

TOTAL SURFACE EQUIPMENT COST

\$ 809,485

ARTIFICIAL LIFT

7006640	Company Labor	3,000
7012180	Gas Lift Equipment	23,000
7012480	Rod Pumping, Sucker Rods & Rod Pump	-
7012140	Elect Sub Pumps (ESP)	-
7019350	Well Services-Well/Wellhead Services	22,500
7012270	Materials & Supplies-Tangible	25,000
7012550	Surface Wellhead Equipment	3,000
7012390	Pig Launchers/Receivers & Rel Equip	-
7011010	8% Contingency & Taxes	2,500
TOTAL ARTIFICIAL LIFT		79,000

TOTAL ARTIFICIAL LIFT COST

\$ 79,000

SUMMARY OF ESTIMATED DRILLING WELL COSTS

	TOTAL COST
TOTAL LOCATION COST	\$ 62,500
TOTAL DRILLING COST	\$ 2,113,155
TOTAL COMPLETIONS COST	\$ 3,742,378
TOTAL SURFACE EQUIPMENT COST	\$ 809,485
TOTAL ARTIFICIAL LIFT COST	\$ 79,000
GRAND TOTAL COST	\$6,806,518

Permian Asset Team		Location 23 26 1		Rig 594
Field	0	State NEW MEXICO		
Lease / Facility	CATAPULT FEE 23 26 1 WXY 3H	County/Parish EDDY		
Operator	MARATHON OIL PERMIAN LLC	Estimated Start Date 30-Aug-2018		
		Estimated Completion Date 25-Sep-2018		
Estimated Gross Cost This AFE: \$6,804,358				

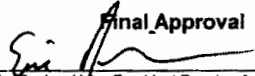
Project Description & Reason for Expenditure: Drill, Complete, & Equip a Horizontal Well

This well is planned to be drilled and completed with multistage fracturing using plug and perf. The estimated cost of drilling, testing, completing, and equipping the well is \$6,804,38 as detailed in the provided authority for expenditure document. This will include installation of transitional and long term artificial lift systems.

The well will be drilled to a total vertical depth of 8,865' and a total measured depth of 13,812', with an estimated treatable lateral length of 4,650' and will be completed with an estimated 30 stages and approximately 2,500 lbs/ft of proppant.

Prepared By: AG PRADEEP, JACOB BEATY, JOSH SHANNON, MATT HENSCHEN, TOMMY MAZAL, LANE NEAL

Final Approval


Title: Regional Vice President Permian Asset Team

Date: _____

Participant's Approval

Name of
Company: _____

Signature: _____

Title: _____ Date: _____

EXHIBIT

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MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 1/0/1900

DRILLING & LOCATION PREPARED BY JACOB BEATY
 COMPLETION PREPARED BY JOSH SHANNON
 FACILITIES PREPARED BY MATT HENSCHEN
 ARTIFICIAL LIFT PREPARED BY TOMMY MAZAL

Asset Team	PERMIAN	FORMATION: WOLFCAMP Y	WILDCAT	EXPLORATION
Field	0		DEVELOPMENT	RECOMPLETION
Lease/Facility	CATAPULT FEE 23 26 1 WKY 3H (was UNIT 189)		X EXPLOITATION	WORKOVER
Location	EDDY COUNTY			
Prospect	MALAGA			

Est Total Depth	13,812	Est Drilling Days	18.63	Est Completion Days	5.5
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LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	25,000
7001250	Land Broker Fees and Services	37,500
TOTAL LOCATION COST - INTANGIBLE		62,500

DRILLING COST - TANGIBLE

7012050	Conductor Pipe	28,000
7012050	Surface Casing	16,000
7012050	Intermediate Casing 1	50,000
7012050	Intermediate Casing 2	207,000
7012050	Production Casing	61,000
7012050	Drig Liner Hanger, Tieback Eq & Csg Accessories	75,000
7012550	Drilling Wellhead Equipment	70,000
7012040	Casing & Tubing Access	24,000
7012270	Miscellaneous MRO Materials	-
TOTAL DRILLING - TANGIBLE		531,000

DRILLING COST - INTANGIBLE

7019200	Drilling Rig Mob/Demob	32,500
7019220	Drilling Rig - day work/footage	372,500
7019040	Directional Drilling Services	148,000
7019020	Cement and Cementing Service	15,000
7019020	Cement and Cementing Service	25,000
7019020	Cement and Cementing Service	40,000
7019020	Cement and Cementing Service	45,000
7019140	Mud Fluids & Services	62,000
7012310	Solids Control equipment	32,000
7012020	Bits	70,000
7019010	Casing Crew and Services	30,000
7016350	Fuel (Rig)	57,000
7019140	Fuel (Mud)	18,000
7001460	Water (non potable)	25,000
7019000	Well Logging Services	-
7019150	Mud Logging-geosteering	14,000
7019250	Stabilizers, Hole Openers, Underreamers (DH rentals)	15,000
7019110	Casing Inspection/cleaning	15,000
7019110	Drill pipe/collar inspection services	10,000
7016180	Freight - truck	25,000
7001460	Water hauling and disposal (includes soil farming)	135,000
7001440	Vacuum Trucks	20,000
7000030	Contract Labor - general	30,000
7018150	Rental Tools and Equipment (surface rentals)	74,500
7018150	Rig Equipment and Misc.	5,588
7001110	Telecommunications Services	10,000
7001120	Consulting Services	87,538
7001400	Safety and Environmental	10,000
7018120	Rental Buildings (trailers)	-
7019310	Coring (sidewalls & analysis)	-
7011010	8% Contingency & Taxes	156,370
TOTAL DRILLING - INTANGIBLE		\$1,579,995

TOTAL DRILLING COST

\$2,110,995

COMPLETION - TANGIBLE

7012580	Tubing	75,000
7012040	Tubing Accessories (nipple, wireline entry)	15,000
7012550	Wellhead Equip	20,000
7012560	Packers - Completion Equipment	38,850
TOTAL COMPLETION - TANGIBLE		\$148,850

MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 1/0/1900

Asset Team PERMIAN
 Field 0 FORMATION: WOLFCAMP Y
 Lease/Facility CATAPULT FEE 23 26 1 WXY 3H (was UNIT 189)

COMPLETION - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access (dress location after rig move, set anchors)	20,000
7019220	Drilling Rig During Completion	20,000
7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	140,000
7019240	Snubbing Services	25,000
7019270	Pulling/Swab Units	10,000
7016350	Fuel (from drig)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	71,000
7019320	Fracturing Services	1,860,000
7019330	Perforating	124,000
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frac fluids)	550,000
7016180	Freight - Truck (haul pipe; drig & compl)	40,000
7018150	BOP Rental & Testing	-
7018150	Rental Tools and Equipment (incl drig; lightplant,hydra-walk)	-
7018150	CT Downhole Rental Equipment (ie. Bit, BHA)	45,000
7000090	Contract Labor - general	75,000
7001110	Telecommunications Services	25,000
7001400	Safety and Environmental	-
7001120	Consulting Services	30,000
7018150	Zipper Manifold	57,600
7019300	Frack Stack Rentals	39,000
7016190	Freight (Transportation Services)	-
7018150	Equipment Rental (w/o operator, frac tanks, lightplants)	100,000
7018120	Rental Buildings (trailers)	55,000
7000090	Contract Labor - Pumping (pump-down pumps)	42,000
7011010	8% Contingency & Taxes	264,928
TOTAL COMPLETION - INTANGIBLE		\$3,593,528

TOTAL COMPLETION COST

\$3,742,378

SURFACE EQUIPMENT - TANGIBLE

7012350	Misc. Piping, Fittings & Valves	86,765
7006640	Company Labor & Burden	-
7000090	Contract Labor - General	69,528
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	27,078
7012270	Miscellaneous Materials (containment system)	43,047
7008060	SCADA	-
7016180	Freight - truck	-
7001190	Contract Engineering	29,116
7012290	Metering and Instrumentation	250,831
7012290	I&E Materials	-
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	-
7012350	Power	-
7012410	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	77,572
7012500	Tanks	142,674
7012100	Heater Treater	12,997
7012640	Flare & Accessories	17,469
7000010	Electrical Labor	29,116
7000010	Mechanical Labor	-
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	23,293
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$809,485

TOTAL SURFACE EQUIPMENT COST

\$ 809,485

ARTIFICIAL LIFT

7006640	Company Labor	3,000
7012180	Gas Lift Equipment	23,000
7012480	Rod Pumping, Sucker Rods & Rod Pump	-
7012140	Elect Sub Pumps (ESP)	-
7019350	Well Services-Well/Wellhead Services	22,500
7012270	Materials & Supplies-Tangible	25,000
7012550	Surface Wellhead Equipment	8,000
7012390	Pig Launchers/Receivers & Rel Equip	-
7011010	8% Contingency & Taxes	2,500
TOTAL ARTIFICIAL LIFT		79,000

TOTAL ARTIFICIAL LIFT COST

\$ 79,000

SUMMARY OF ESTIMATED DRILLING WELL COSTS

	TOTAL COST
TOTAL LOCATION COST	\$ 62,500
TOTAL DRILLING COST	\$ 2,110,995
TOTAL COMPLETIONS COST	\$ 3,742,378
TOTAL SURFACE EQUIPMENT COST	\$ 809,485
TOTAL ARTIFICIAL LIFT COST	\$ 79,000
GRAND TOTAL COST	\$6,804,358

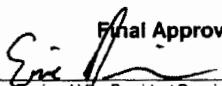


Drilling Project #
Pad Project #
DATE: 10/1900

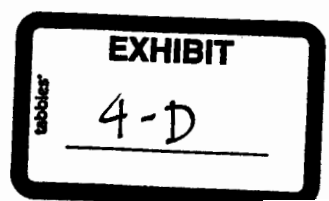
Permian Asset Team
Field 0 Location 23 26 1 Rig 594
Lease / Facility CATAPULT FEE 23 26 1 WXY 10H State NEW MEXICO
Operator MARATHON OIL PERMIAN LLC County/Parish EDDY
Estimated Start Date 16-Sep-2018
Estimated Completion Date 12-Oct-2018
Estimated Gross Cost This AFE: \$6,804,358

Project Description & Reason for Expenditure: Drill, Complete, & Equip a Horizontal Well
This well is planned to be drilled and completed with multistage fracturing using plug and perf. The estimated cost of drilling, testing, completing, and equipping the well is \$6,804,358 as detailed in the provided authority for expenditure document. This will include installation of transitional and long term artificial lift systems.
The well will be drilled to a total vertical depth of 8,920' and a total measured depth of 13,867', with an estimated treatable lateral length of 4,650' and will be completed with an estimated 30 stages and approximately 2,500 lbs/ft of proppant.

Prepared By AG PRADEEP, JACOB BEATY, JOSH SHANNON, MATT HENSCHEN, TOMMY MAZAL, LANE NEAL

Final Approval

Date: _____
Title: Regional Vice President Permian Asset Team

Participant's Approval
Name of Company: _____
Signature: _____
Title: _____ Date: _____



MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 1/0/1900

DRILLING & LOCATION PREPARED BY JACOB BEATY
 COMPLETION PREPARED BY JOSH SHANNON
 FACILITIES PREPARED BY MATT HENSCHEN
 ARTIFICIAL LIFT PREPARED BY TOMMY MAZAL

Asset Team	PERMIAN		
Field	0	FORMATION: WOLF CAMP Y	WILDCAT
Lease/Facility	CATAPULT FEE 23 26 1 WXY 10H (was UNIT 189)		DEVELOPMENT
Location	EDDY COUNTY		X EXPLOITATION
Prospect	MALAGA		
Est Total Depth	13,772	Est Drilling Days	18.63
		Est Completion Days	5.5

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	25,000
7001250	Land Broker Fees and Services	37,500
TOTAL LOCATION COST - INTANGIBLE		62,500

DRILLING COST - TANGIBLE

7012050	Conductor Pipe	28,000
7012050	Surface Casing	16,000
7012050	Intermediate Casing 1	50,000
7012050	Intermediate Casing 2	207,000
7012050	Production Casing	61,000
7012050	Drig Liner Hanger, Tieback Eq & Csg Accessories	75,000
7012550	Drilling Wellhead Equipment	70,000
7012040	Casing & Tubing Access	24,000
7012270	Miscellaneous MRO Materials	-
TOTAL DRILLING - TANGIBLE		531,000

DRILLING COST - INTANGIBLE

7019200	Drilling Rig Mob/Demob	32,500
7019220	Drilling Rig - day work/footage	372,500
7019040	Directional Drilling Services	148,000
7019020	Cement and Cementing Service	15,000
7019020	Cement and Cementing Service	25,000
7019020	Cement and Cementing Service	40,000
7019020	Cement and Cementing Service	45,000
7019140	Mud Fluids & Services	62,000
7012310	Solids Control equipment	32,000
7012020	Bits	70,000
7019010	Casing Crew and Services	30,000
7016350	Fuel (Rig)	57,000
7019140	Fuel (Mud)	18,000
7001460	Water (non potable)	25,000
7019000	Well Logging Services	-
7019150	Mud Logging/steering	14,000
7019250	Stabilizers, Hole Openers, Underreamers (DH rentals)	15,000
7019110	Casing inspection/cleaning	15,000
7019110	Drill pipe/collar inspection services	10,000
7016180	Freight - truck	25,000
7001460	Water hauling and disposal (includes soil farming)	135,000
7001440	Vacuum Trucks	20,000
7000030	Contract Labor - general	30,000
7018150	Rental Tools and Equipment (surface rentals)	74,500
7018150	Rig Equipment and Misc.	5,588
7001110	Telecommunications Services	10,000
7001120	Consulting Services	87,538
7001400	Safety and Environmental	10,000
7018120	Rental Buildings (trailers)	-
7019310	Coring (sidewalls & analysis)	-
7011010	8% Contingency & Taxes	156,370
TOTAL DRILLING - INTANGIBLE		\$1,579,995

TOTAL DRILLING COST

\$2,110,995

COMPLETION - TANGIBLE

7012580	Tubing	75,000
7012040	Tubing Accessories (nipple, wireline entry)	15,000
7012550	Wellhead Equip	20,000
7012560	Packers - Completion Equipment	38,850
TOTAL COMPLETION - TANGIBLE		\$148,850

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 1/0/1900

Asset Team PERMIAN
Field 0 FORMATION: WOLFCAMP Y
Lease/Facility CATAPULT FEE 23 26 1 WKY 10H (was UNIT 189)

COMPLETION - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access (dress location after rig move, set anchors)	20,000
7019220	Drilling Rig During Completion	20,000
7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	140,000
7019240	Snubbing Services	25,000
7019270	Pulling/Swab Units	10,000
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	71,000
7019320	Fracturing Services	1,860,000
7019330	Perforating	124,000
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frac fluids)	550,000
7016180	Freight - Truck (haul pipe, drlg & compl)	40,000
7018150	BOP Rental & Testing	-
7018150	Rental Tools and Equipment (incl drlg, lightplant, hydra-walk)	-
7018150	CT Downhole Rental Equipment (ie. Bit, BHA)	45,000
7000030	Contract Labor - general	75,000
7001110	Telecommunications Services	25,000
7001400	Safety and Environmental	-
7001120	Consulting Services	30,000
7018150	Zipper Manifold	57,600
7019300	Frack Stack Rentals	39,000
7016190	Freight (Transportation Services)	-
7018150	Equipment Rental (w/o operator, frac tanks, lightplants)	100,000
7018120	Rental Buildings (trailers)	55,000
7000030	Contract Labor - Pumping (pump-down pumps)	42,000
7011010	8% Contingency & Taxes	264,928
TOTAL COMPLETION - INTANGIBLE		\$3,599,528

TOTAL COMPLETION COST

\$3,742,378

SURFACE EQUIPMENT - TANGIBLE

7012350	Misc. Piping, Fittings & Valves	86,765
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	69,528
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	27,078
7012270	Miscellaneous Materials (containment system)	43,047
7008060	SCADA	-
7016180	Freight - truck	-
7001190	Contract Engineering	29,116
7012290	Metering and Instrumentation	250,831
7012290	M&E Materials	-
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	-
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	77,572
7012500	Tanks	142,674
7012100	Heater Treater	12,997
7012640	Flare & Accessories	17,469
7000010	Electrical Labor	29,116
7000020	Mechanical Labor	-
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	23,293
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$809,485

TOTAL SURFACE EQUIPMENT COST

\$ 809,485

ARTIFICIAL LIFT

7006640	Company Labor	3,000
7012180	Gas Lift Equipment	23,000
7012480	Rod Pumping, Sucker Rods & Rod Pump	-
7012140	Elect Sub Pumps (ESP)	-
7019350	Well Services-Well/Wellhead Services	22,500
7012270	Materials & Supplies-Tangible	25,000
7012550	Surface Wellhead Equipment	3,000
7012390	Pig Launchers/Receivers & Rel Equip	-
7011010	8% Contingency & Taxes	2,500
TOTAL ARTIFICIAL LIFT		79,000

TOTAL ARTIFICIAL LIFT COST

\$ 79,000

SUMMARY OF ESTIMATED DRILLING WELL COSTS

TOTAL LOCATION COST	\$ 62,500
TOTAL DRILLING COST	\$ 2,110,995
TOTAL COMPLETIONS COST	\$ 3,742,378
TOTAL SURFACE EQUIPMENT COST	\$ 809,485
TOTAL ARTIFICIAL LIFT COST	\$ 79,000
GRAND TOTAL COST	\$6,804,358

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF MARATHON
OIL PERMIAN LLC FOR A NON-STANDARD
SPACING AND PRORATION UNIT
AND COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

CASE NO. 16088

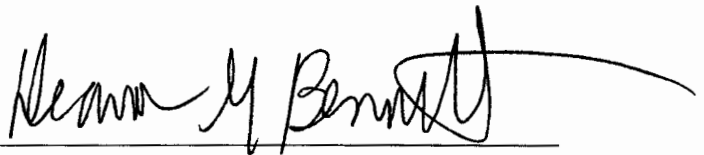
**APPLICATION OF MARATHON
OIL PERMIAN LLC FOR
COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.**

CASE NO. 16089

AFFIDAVIT

STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

Deana M. Bennett, attorney in fact and authorized representative of Marathon Oil Permian LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications were provided under the notice letter and proof of receipt attached hereto.



Deana M. Bennett

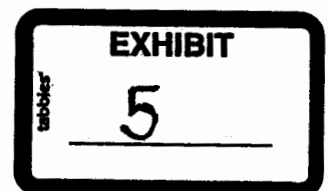
SUBSCRIBED AND SWORN to before me this 16th day of May, 2018 by Deana M. Bennett.

My commission expires: 02-27-2021



Notary Public

OFFICIAL SEAL
Karlene Schuman
NOTARY PUBLIC
STATE OF NEW MEXICO
Commission Expires: 2-27-21



**Marathon
Catapult 6H
Mailed on 04/13/18**

Pooled Parties	
Robert L. Cruce 7510 Kelley Road Little Rock, Arkansas 72118	7017-2400-0001-1389-2133 4/24/18
Robert Lee Moore Austin Street Center 2929 Hickory Street Dallas, TX 75226	7017-2400-0001-1389-2140 Return to Sender 05/16/18
Offsets Parties	
RKI Exploration & Production, LLC 3500 One Williams Center Tulsa, OK 74172	7017-2400-0001-1389-2157 4/23/18
Cimarex Energy Co. of Colorado 202 S. Cheyenne Ave. Suite 1000 Tulsa, OK 74103	7017-2400-0001-1389-2164 4/20/18
Finley Resources Inc. P.O. Box 2200 Fort Worth, TX 76113	7017-2400-0001-1389-2171 4/23/18
Tap Rock Resources, LLC 602 Park Point Dr., Suite 200 Golden, CO 80401	7017-2400-0001-1389-2188 4/24/18
Magnum Hunter Production, Inc. 600 N. Marienfeld St. Midland, TX 79701	7017-2400-0001-1389-2195 Returned to Sender 4/30/18
Warwick-Ares, LLC 2802 W. Country Club Dr. Oklahoma City, OK 73116	7017-2400-0001-1389-2201 4/20/18
Snow Operating Co. 5719 Airport Fwy. Fort Worth, TX 76117	7017-2400-0001-1389-2218 4/20/18
Mobil Prod. TX & NM 12450 Greenspoint Dr. Houston, TX 77060	7017-2400-0001-1389-2225 Returned to Sender 4/30/18

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Cimarex Energy Co. of Colorado
202 S. Cheyenne Ave. Suite 1000
Tulsa, OK 74103
Catapult
JLB / 81363-0124

9590 9402 3381 7227 2759 84

2. Article Number (Transfer from service label)

7017 2400 0001 1389 2164

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

Signature

Justin Wall
JUSTIN WALL
Date of Delivery 6-18

☐ Agent
☒ Addressee

Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- | | |
|--|---|
| ☐ Adult Signature | ☐ Priority Mail Express® |
| ☐ Adult Signature Restricted Delivery | ☐ Registered Mail™ |
| ☐ Certified Mail® | ☐ Registered Mail Restricted Delivery |
| ☐ Certified Mail Restricted Delivery | ☐ Return Receipt for Merchandise |
| ☐ Collect on Delivery | ☐ Signature Confirmation™ |
| ☐ Collect on Delivery Restricted Delivery | ☐ Signature Confirmation Restricted Delivery |
| ☐ Insured Mail | |

Domestic Return Receipt

USPS TRACKING #



First-Class Mail
Postage & Fees Paid
USPS
Permit No. 6-10

9590 9402 3381 7227 2759 84

United States
Postal Service

RECEIVED
APR 20 2018

* Sender: Please print your name, address, and ZIP+4® in this box *

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

**U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee \$ 6.88
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$ _____
☐ Return Receipt (electronic) \$ _____
☐ Certified Mail Restricted Delivery \$ _____
☐ Adult Signature Required \$ _____
☐ Adult Signature Restricted Delivery \$ _____

APR 1 2018
Postmark Here

Cimarex Energy Co. of Colorado
202 S. Cheyenne Ave. Suite 1000
Tulsa, OK 74103
Catapult
JLB / 81363-0124

7017 2400 0001 1389 2164

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
■ Complete Items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Finley Resources Inc. P.O. Box 2200 Fort Worth, TX 76113 Catapult JLB / 81363-0124		A. Signature  ☐ Agent ☐ Addressee B. Received by (Printed Name) _____ C. Date of Delivery APR 17 2018 D. Is delivery address different from Item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
2. Article Number 7017 2400 0001 1389 2171		3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Insured Mail (over \$500) ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
PS Form 3811, July 2015 PSN 7530-02-000-9063		Domestic Return Receipt	

USPS TRACKING#	
	
9590 9402 3381 7227 2759 60	
United States Postal Service RECEIVED APR 23 2018 BY: _____	First-Class Mail Postage & Fees Paid USPS Permit No. G-10
• Sender: Please print your name, address, and ZIP+4® in this box* Jennifer L. Bradfute Modrall Law Firm P.O. Box 2168 Albuquerque, NM 87103	

U.S. Postal Service™	
CERTIFIED MAIL® RECEIPT	
Domestic Mail Only	
For delivery information, visit our website at www.usps.com	
OFFICIAL USE	
Certified Mail Fee	\$ 6.88
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	\$ _____
☐ Return Receipt (electronic)	\$ _____
☐ Certified Mail Restricted Delivery	\$ _____
☐ Adult Signature Required	\$ _____
☐ Adult Signature Restricted Delivery	\$ _____
Finley Resources Inc. P.O. Box 2200 Fort Worth, TX 76113 Catapult JLB / 81363-0124	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature X ☐ Agent ☐ Addressee	
1. Article Addressed to: Magnum Hunter Production, Inc. 600 N. Marienfeld St. Midland, TX 79701 Catapult JLB / 81363-0124		B. Received by (Printed Name) C. Date of Delivery	
2. Article Number (Transfer from service label) 7017 2400 0001 1389 2195		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Insured Mail ☐ Mail Restricted Delivery		☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	

PS Form 3811, July 2015 PSN 7530-02-000-9053

USPS TRACKING #

9590 9402 3381 7227 2759 46

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States Postal Service

Sender: Please print your name, address, and ZIP+4® in this box®

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

APR 20 2018

5412 6981 1000 2102

7017 2400 0001 1389 2195

U.S. Postal Service™
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For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee \$ **6.78**

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage \$

Total \$

Seal

Signature

City

Magnum Hunter Production, Inc.
600 N. Marienfeld St.
Midland, TX 79701
Catapult
JLB / 81363-0124

APR 13 2018

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RKI Exploration & Production, LLC
3500 One Williams Center
Tulsa, OK 74172
Catapult
JLB / 81363-0124

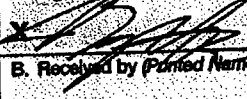
2. Article Number (Transfer from service label)

7017 2400 0001 1389 2157

PS Form 3811, July 2016 PSN 7530-02-000-9063

COMPLETE THIS SECTION ON DELIVERY

A. Signature


☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

APR 17 2018

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☒ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery

Mail

Domestic Return Receipt

USPS TRACKING #



9590 9402 3381 7227 2760 04

United States
Postal Service
 RECEIVED
APR 23 2018
BY:

* Sender: Please print your name, address, and ZIP+4® in this box*

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee

\$ 6.88

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy)
- ☐ Return Receipt (electronic)
- ☐ Certified Mail Restricted Delivery
- ☐ Adult Signature Required

Postmark
Here

RKI Exploration & Production, LLC
3500 One Williams Center
Tulsa, OK 74172
Catapult
JLB / 81363-0124

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7017 2400 0001 1389 2157

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Snow Operating Co.
5719 Airport Fwy.
Fort Worth, TX 76117
Catapult
JLB / 81363-0124

2. Article Number (Transfer from service label)

7017 2400 0001 1389 2218

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

J. Rhodes

☐ Agent☐ Addressee

B. Received by (Printed Name)

J. Rhodes

C. Date of Delivery

4-16-18

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail

all Restricted Delivery

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☒ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Restricted Delivery

Domestic Return Receipt

USPS TRACKING#



9590 9402 3381 7227 2759 39



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

APR 20 2018

Sender: Please print your name, address, and ZIP+4® in this box*

Jennifer L. Bradfute
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P.O. Box 2168
Albuquerque, NM 87103



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OFFICIAL USE

Certified Mail Fee

\$ 6.98

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$☐ Return Receipt (electronic) \$☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$Postmark
Here

Snow Operating Co.
5719 Airport Fwy.
Fort Worth, TX 76117
Catapult
JLB / 81363-0124

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature <u>(Signature)</u> ☒ Agent ☐ Addressee	
1. Article Addressed to:		B. Received by (Printed Name) <u>Jennifer L. Bradfute</u> C. Date of Delivery <u>4/17/18</u>	
2. Article Number (Transfer from service label)		D. Is delivery address different from item 1? ☐ Yes ☒ No If YES, enter delivery address below:	

Tap Rock Resources, LLC
602 Park Point Dr., Suite 200
Golden, CO 80401
Catapult
JLB / 81363-0124

9590 9402 3381 7227 2759 77

3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
PS Form 3811, July 2015	

USPS TRACKING #	
9590 9402 3381 7227 2759 77	First-Class Mail Postage & Fees Paid USPS Permit No. G-10
United States Postal Service RECEIVED APR 24 2018	• Sender: Please print your name, address, and ZIP+4® in this box® Jennifer L. Bradfute Modrall Law Firm P.O. Box 2168 Albuquerque, NM 87103

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com	
OFFICIAL USE	
Certified Mail Fee \$ <u>6.88</u>	Postmark Here
Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) \$ ☐ Return Receipt (electronic) \$ ☐ Certified Mail Restricted Delivery \$ ☐ Adult Signature Required \$ ☐ Adult Signature Restricted Delivery \$	
Postage	
Tap Rock Resources, LLC 602 Park Point Dr., Suite 200 Golden, CO 80401 Catapult JLB / 81363-0124	
PS Form 3800, April 2015 PSN 7530 02-000-9047 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Warwick-Ares, LLC
2802 W. Country Club Dr.
Oklahoma City, OK 73116
Catapult
JLB / 81363-0124

9590 9402 3381 7227 2759 53

2 7017 2400 0001 1389 2201

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x [Signature] ☐ Agent ☐ Addressee
B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☐ Certified Mail® ☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Restricted Delivery (over \$500)

Domestic Return Receipt

USPS TRACKING#



9590 9402 3381 7227 2759 53

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

APR 20 2018

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Certified Mail Fee
\$ 6.88
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$



Postage

\$

Total

Sent

Street

City, S.

Warwick-Ares, LLC
2802 W. Country Club Dr.
Oklahoma City, OK 73116
Catapult
JLB / 81363-0124

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7017 2400 0001 1389 2201

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

SENDER: COMPLETE THIS SECTION

- Complete Items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mobil Prod. TX & NM
12450 Greenspoint Dr.
Houston, TX 77060
Catapult
JLB / 81363-0124

9590 9402 3381 7227 2759 22

Transfer from service label

7017 2400 0001 1389 2225

PS Form 3811, July 2015 PSN 7530-02-000-8063

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from Item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature

☐ Adult Signature Restricted Delivery

☒ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

☐ Insured Mail

all Restricted Delivery

☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☒ Return Receipt for Merchandise

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

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☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

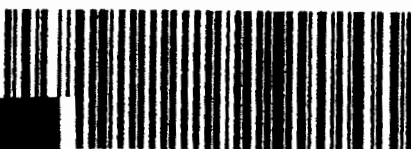
☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

☐ Signature Confirmation Restricted Delivery

CERTIFIED MAIL



2400 0001 1389 2225

NEOPOST

FIRST-CLASS

04/13/2018

US POSTAGE \$006.00



ZIP 87

041M112



MODRALL SPERLING

U.S. Postal Service™

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OFFICIAL USE

Certified Mail Fee

\$ 6.98

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)

☐ Return Receipt (electronic)

☐ Certified Mail Restricted Delivery

☐ Adult Signature Required

☐ Adult Signature Restricted Delivery

Postmark
Here

od. TX & NM
censpoint Dr.
1, TX 77060

Mobil Prod. TX & NM
12450 Greenspoint Dr.
Houston, TX 77060
Catapult
JLB / 81363-0124

NIXIE 773 NFE 1 18C0004/24/15

RETURN TO SENDER
NOT DELIVERABLE AS ADDRESSED
UNABLE TO FORWARD

EC: 87103216868 *1793-01033-24-21

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Robert L. Cruce
7510 Kelley Road
Little Rock, Arkansas 72118
Catapult
JLB / 81363-0124



9590 9402 3381 7227 3072 27

7017 2400 0001 1389 2133

COMPLETE THIS SECTION ON DELIVERY

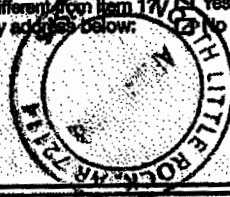
A. Signature

X *Jackie Robertson*☐ Agent☐ Addressee

B. Received by (Printed Name)

JACKIE ROBERTSON

C. Date of Delivery

D. Is delivery address different from item 17? ☐ Yes ☒ No
If YES, enter delivery address below:

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted DeliveryMail
Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☒ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

USPS TRACKING #



9590 9402 3381 7227 3072 27

United States
Postal Service

APR 24 2018

* Sender: Please print your name, address, and ZIP+4® in this box*

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com**OFFICIAL USE**

Certified Mail Fee

\$ 7.02

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$☐ Return Receipt (electronic) \$☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postmark

Total

\$

Sen

Stn

City

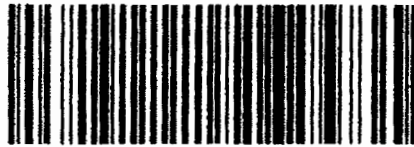
Robert L. Cruce
7510 Kelley Road
Little Rock, Arkansas 72118
Catapult
JLB / 81363-0124

Postmark
Here

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

CERTIFIED MAIL



7017 2400 0001 1389 2195

NEOPOST

FIRST-CLASS MAIL

04/13/2018

US POSTAGE \$006.88



ZIP 87102
041M11283401

DRAHL SPERLING

I Sperling
Harris & Sisk, P.A.
2168
erque, NM
2168

*Catapult
Gift*

Magnum Hunter Production, Inc.
600 N. Marienfeld St.
Midland, TX 79701

RECEIVED
APR 30 2018

NIXIE 799 FE 1 0004/25/18

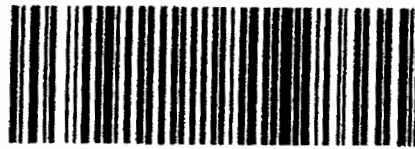
RETURN TO SENDER
NOT DELIVERABLE AS ADDRESSED
UNABLE TO FORWARD

BC: 87103216868 *1110-11256-16-39

7970134395 0010
871032168

DRALE SPERLING

Sperling
Larrie & Sisk, P.A.
2168
Albuquerque, NM
81168



7017 2400 0001 1389 2140

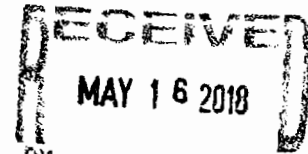
NEOPOST FIRST-CLASS MAIL
04/13/2018
US POSTAGE \$007.09



ZIP 87102
041M11283401

Robert Lee Moore
Austin Street Center
2929 Hickory Street
Dallas, TX 75226

4/21



RETURN TO

NIXIE 750 DE 1 0005/09/18

RETURN TO SENDER
INSUFFICIENT ADDRESS
UNABLE TO FORWARD

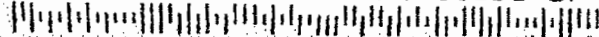
1: 93041298126558

IA

7522632128 0001

BC: 87103216868

*0334-00852-17-45



SENDER: COMPLETE THIS SECTION

- Complete Items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Robert Lee Moore
Austin Street Center
2929 Hickory Street
Dallas, TX 75226
Catapult
JLB / 81363-0124

9590 9402 3381 7227 2759 91

2. Article Number (Transfer from sender label)

7017 2400 0001 1389 2140

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- ☐ Agent
- ☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail Restricted Delivery (over \$500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CARLSBAD
CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

Ad No.
0001245468

MODRALL SPERLING
PO BOX 2168

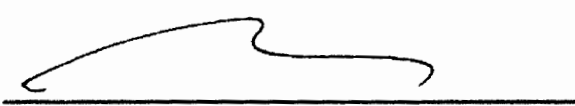
ALBUQUERQUE NM 87103

I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

05/03/18


Legal Clerk

Subscribed and sworn before me this
3rd of May 2018.


State of WI, County of Brown
NOTARY PUBLIC


My Commission Expires

BERGEN GORNOWICH
Notary Public
State of Wisconsin

Ad#:0001245468
P O : 16088
of Affidavits :0.00

CASE No. 16088: Notice to all affected parties, as well as the heirs and devisees of Robert L. Cruce; Robert Lee Moore; RKI Exploration & Production, LLC; Cimarex Energy Co. of Colorado; Finley Resources Inc.; Tap Rock Resources, LLC; Magnum Hunter Production, Inc.; Warwick-Ares, LLC; Snow Operating Co.; Mobil Prod. TX & NM; WPX Energy Permian, LLC; Snowmass Energy Partners, LTD; Lazy T Royalty Management, LTD; Pitco Company; Mar Oil & Gas Corp.; Amarco Energy, LLC; Finwing Oil & Gas, LLC; Manta II, LLC; Petraitis Oil & Gas, LLC; Olwick Corporation; Tiburon Oil & Gas, Inc; Lazy T Royalty Management, LTD; Coyote Oil & Gas, LLC; Devon Energy Production Company, L.P.; WPX Energy Permian, LLC; CEI Bristol Acquisition, L.P.; Pitco Company; Apache Energy Resources Corporation; Riverbend Exploration & Production, LLC; Magnum Hunter Production, Inc.; and Centurion Energy Corporation; COG Operating, LLC of Marathon Oil Permian LLC's for a non-standard spacing and proration unit and compulsory pooling, Eddy County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on May 17, 2018, to consider this application. Applicant seeks an order (1) creating a non-standard 160-acre, more or less, spacing and proration unit in the Bone Spring formation, comprised of the E/2 E/2 of Section 1, Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico; and, (2) pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit. This proposed non-standard spacing and proration unit will be the project area for the Catalyst Fee 23-26-1 TB 6H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be con-

sidered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 6 miles south of Carlsbad, New Mexico.
Pub#1245468
Run Date:May 3, 2018

**Catapult
Application 6H
Mailed on 04/27/18**

Offset Parties	Certified No.
WPX Energy Permian, LLC 3500 One Williams Center Tulsa, OK, 74172	7017-2400-0000-5766-8344 5/3/18
Snowmass Energy Partners, LTD 3300 S 14, Suite 322 Abilene, TX 79605	7017-2400-0000-5766-8337 5/8/18
Lazy T Royalty Management, LTD 3300 S 14, Suite 322 Abilene, TX 79605	7017-2400-0000-5766-8320 5/8/18
Pitco Company P.O. Box 4190 Scottsdale, AZ 85261	7017-2400-0000-5766-8313 5/11/18
Mar Oil & Gas Corp. P.O. Box 5155 Santa Fe, NM 87502-5155	7017-2400-0000-5766-8306 05/01/18
Amarco Energy, LLC 223 W. Wall Street, Suite 900 Midland, Texas 79702	7017-2400-0000-5766-8290 Delivery Attempt 05/15/18
Finwing Oil & Gas, LLC 223 W. Wall Street, Suite 900 Midland, Texas 79702	7017-2400-0000-5766-8283 Delivery Attempt 05/15/18
Manta II, LLC 223 W. Wall Street, Suite 900 Midland, Texas 79702	7017-2400-0000-5766-8276 Delivery Attempt 05/15/18
Petratis Oil & Gas, LLC 223 W. Wall Street, Suite 900 Midland, Texas 79702	7017-2400-0000-5766-8269 Delivery Attempt 05/15/18
Olwick Corporation 223 W. Wall Street, Suite 900 Midland, Texas 79702	7017-2400-0000-5766-8252 Delivery Attempt 05/15/18
Tiburon Oil & Gas, Inc P.O. Box 1396 Menard, Texas 76859	7017-2400-0000-5766-8641 In transit 05/15/18
Lazy T Royalty Management, LTD 3300 S. 14 th , Ste. 322 Abilene, Texas 79605	7017-2400-0000-5766-8320 Duplicate
Coyote Oil & Gas, LLC P.O. Box 1708 Hobbs, New Mexico 88241-1708	7017-2400-0000-5766-8634 8/11/18
Devon Energy Production Company, L.P. 333 West Sheridan Avenue Oklahoma City, Oklahoma 73102	7017-2400-0000-5766-8627 5/14/18
WPX Energy Permian, LLC 3500 One Williams Center Tulsa, Oklahoma 74172	7017-2400-0000-5766-8344 Duplicate 5/3/18
CEI Bristol Acquisition, L.P. 701 Cedar Lake Blvd. Oklahoma City, OK 73114	7017-2400-0000-5766-8610 5/3/18

**Catapult
Application 6H
Mailed on 04/27/18**

Pitco Company P.O. Box 4190 Scottsdale, Arizona 85261	7017-2400-0000-5766-8313 Duplicate
Apache Energy Resources Corporation 2000 Post Oak Boulevard, Suite 100 Houston, Texas 77056-4400	7017-3400-0000-5766-8603 5/3/18
Riverbend Exploration & Production, LLC One Allen Center, 500 Dallas, Suite 2835 Houston, Texas 77022	7017-2400-0000-5766-8597 Returned to Sender 5/8/18
Magnum Hunter Production, Inc. 600 N. Mariefeld St. # 600 Midland, TX 79701	7017-2400-0000-5766-8580 5/2/18
Black Mountain Operating, LLC (Marathon) 500 Main Street, Suite 500 Fort Worth, Texas 76102	7017-2400-0000-5766-8573 5/3/18
Talon Oil & Gas III, LLC (Marathon) 3131 McKinney Ave., Suite 750 Dallas, Texas 75204	7017-2400-0000-5766-8566 5/8/18
Centurion Energy Corporation P.O. Box 11144 Midland, Texas 79702	7017-2400-0000-5766-8559 In Transit 05/10/18
COG Operating, LLC One Concho Center 600 W. Illinois Ave. Midland, Texas 79701	7017-2400-0000-5766-8924 5/2/18

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Apache Energy Resources Corporation
2000 Post Oak Boulevard, Suite 100
Houston, Texas 77056-4400
Catapult
JLB/81363-0124



9590 9402 3705 7335 0209 39

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8603

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X A Centeno☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

4/30/18

- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Mail
- ☐ Mail Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

USPS TRACKING®



9590 9402 3705 7335 0209 39

United States
Postal Service

MAY - 3 2018

* Sender, Please print your name, address, and ZIP+4® in this box*

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

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Permit No. G-10

03-216868

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7.41

- Extra Services & Fees (check box, add fee as appropriate)
- ☐ Return Receipt (hardcopy) \$
 - ☐ Return Receipt (electronic) \$
 - ☐ Certified Mail Restricted Delivery \$
 - ☐ Adult Signature Required \$
 - ☐ Adult Signature Restricted Delivery \$

Postage

\$ Total Postage

\$ Sent To

Street and A

City, State, Z

Apache Energy Resources Corporation
2000 Post Oak Boulevard, Suite 100
Houston, Texas 77056-4400
Catapult
JLB/81363-0124

Postmark
Here

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Black Mountain Operating, LLC (Marathon)
500 Main Street, Suite 500
Fort Worth, Texas 76102
Catapult
JLB/81363-0124



9590 9402 3705 7335 0217 21

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8573

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x *Jennifer L. Bradfute*

☐ Agent☐ Addressee

B. Received by (Printed Name)

J. Bradfute

C. Date of Delivery

4/30

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Registered Mail®☐ Registered Mail Restricted Delivery☐ Registered Mail Restricted Delivery (\$500)☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☒ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

USPS TRACKING#



9590 9402 3705 7335 0217 21

United States
Postal Service

MAY - 3 2015

• Sender: Please print your name, address, and ZIP+4® in this box®

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

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\$ 7.41

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)☐ Return Receipt (electronic)☐ Certified Mail Restricted Delivery☐ Adult Signature Required☐ Adult Signature Restricted Delivery

Postage

\$

Total Price

\$

Sent To

Street

City, St

City, St

City, St

City, St

City, St

City, St

City, St

City, St

Black Mountain Operating, LLC (Marathon)
500 Main Street, Suite 500
Fort Worth, Texas 76102
Catapult
JLB/81363-0124

PS Form 3800, April 2012 PSN 7530-02-000-9053

Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

COG Operating, LLC
One Concho Center, 600 W. Illinois Ave.
Midland, Texas 79701
Catapult
JLB/81363-0124



9590 9402 3705 7335 0210 35

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8924

PS Form 3811, July 2015 PSN 7530-02-000-8053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

- ☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

4/18/18

D. Is delivery address different from item 1?
If YES, enter delivery address below:

- ☐ Yes
☐ No

3. Service Type

- ☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Registered Mail Restricted Delivery

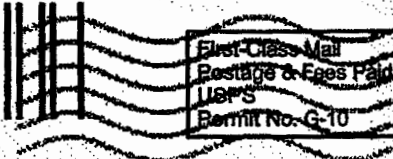
- ☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

USPS TRACKING#



9590 9402 3705 7335 0210 35

United States
Postal Service

RECEIVED
MAY - 2 2018

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Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

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Certified Mail Fee

\$ 7.41

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage

\$

Sent To

Street and 2

City, State, ZIP+4®

COG Operating, LLC
One Concho Center, 600 W. Illinois Ave.
Midland, Texas 79701
Catapult
JLB/81363-0124

Postmark
Here

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY		
■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: CEI Bristol Acquisition, L.P. 701 Cedar Lake Blvd., Oklahoma City, OK 73114 Catapult JLB/81363-0124 2. Article Number (Transfer from service label) 7017 2400 0000 5766 8610	A. Signature <i>Cheryl Claxton</i> ☐ Agent ☐ Addressee B. Received by (Printed Name) <i>Cheryl Claxton</i> C. Date of Delivery <i>4-30-18</i> D. Is delivery address different from item 1? ☐ Yes ☐ No If YES, enter delivery address below: 3. Service Type <table border="0"> <tr> <td> ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Registered Mail® ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery </td> <td> ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery </td> </tr> </table>	☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Registered Mail® ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Registered Mail® ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery		

PS Form 3800, July 2015 PSN 7530-02-000-9053

USPS TRACKING #	
9590 9402 3705 7335 0209 22	First-Class Mail Postage & Fees Paid USPS Permit No. G-10
United States Postal Service RECEIVED MAY - 3 2018	* Sender: Please print your name, address, and ZIP+4® in this box* Jennifer L. Bradfute Modrall Law Firm P.O. Box 2168 Albuquerque, NM 87103

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only											
For delivery information, visit our website at www.usps.com ®.											
OFFICIAL USE											
Certified Mail Fee \$ <i>7.41</i> Extra Services & Fees (check box, add fee as appropriate) <table border="0"> <tr> <td>☐ Return Receipt (hardcopy)</td> <td>\$</td> </tr> <tr> <td>☐ Return Receipt (electronic)</td> <td>\$</td> </tr> <tr> <td>☐ Certified Mail Restricted Delivery</td> <td>\$</td> </tr> <tr> <td>☐ Adult Signature Required</td> <td>\$</td> </tr> <tr> <td>☐ Adult Signature Restricted Delivery</td> <td>\$</td> </tr> </table> Postage \$ Total \$ Sent to Street City, State	☐ Return Receipt (hardcopy)	\$	☐ Return Receipt (electronic)	\$	☐ Certified Mail Restricted Delivery	\$	☐ Adult Signature Required	\$	☐ Adult Signature Restricted Delivery	\$	Postmark Here CEI Bristol Acquisition, L.P. 701 Cedar Lake Blvd., Oklahoma City, OK 73114 Catapult JLB/81363-0124
☐ Return Receipt (hardcopy)	\$										
☐ Return Receipt (electronic)	\$										
☐ Certified Mail Restricted Delivery	\$										
☐ Adult Signature Required	\$										
☐ Adult Signature Restricted Delivery	\$										

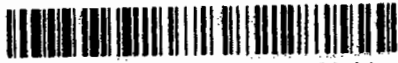
PS Form 3800, July 2015 PSN 7530-02-000-9053

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Coyote Oil & Gas, LLC
P.O. Box 1708
Hobbs, New Mexico 88241-1708
Catapult
JLB/81363-0124



9590 9402 3705 7335 0209 08

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8634

PS Form 3811, July 2015 PSN 7630-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X E Smith

☐ Agent☐ Addressee

B. Received by (Printed Name)

E. Smith

C. Date of Delivery

5-8-18

- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☐ Certified Mail☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Mail Restricted Delivery☐ Registered Mail☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

USPS TRACKING#



9590 9402 3705 7335 0209 08

First-Class Mail
Postage & Fees Paid
USPS
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United States
Postal Service

MAY 11 2018

* Sender: Please print your name, address, and ZIP+4® in this box*

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)☐ Return Receipt (electronic)☐ Certified Mail Restricted Delivery☐ Adult Signature Required☐ Adult Signature Restricted Delivery

Postage

Total Postage

Sent To

Street and A

City, State, Z

PS Form 38

Coyote Oil & Gas, LLC
P.O. Box 1708
Hobbs, New Mexico 88241-1708
Catapult
JLB/81363-0124

Postmark
Here

See reverse for instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Devon Energy Production Company, L.P.
333 West Sheridan Avenue
Oklahoma City, Oklahoma 73102
Catapult
JLB/81363-0124



9590 9402 3705 7335 0209 15

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8627

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

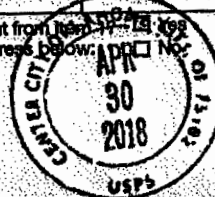
A. Signature

David Carillo

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? Yes ☐ No ☒
If YES, enter delivery address below:

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☐ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail☐ Insured Mail Restricted Delivery

(\$500)

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

USPS TRACKING®



9590 9402 3705 7335 0209 15

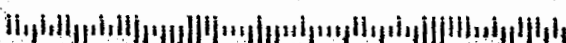
United States
Postal Service

* Sender: Please print your name, address, and ZIP+4® in this box*

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

RECEIVED
MAY 14 2018

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

\$ 7.41

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$☐ Return Receipt (electronic) \$☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total

\$

Sent

Street

City

Devon Energy Production Company, L.P.
333 West Sheridan Avenue
Oklahoma City, Oklahoma 73102
Catapult
JLB/81363-0124

Postmark
Here

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7017 2400 0000 5766 8627

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Lazy T Royalty Management, LTD
3300 S 14, Suite 322
Abilene, TX 79605
Catapult
JLB/81363-0124



9590 9402 3705 7335 0199 33

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8320

PS Form 3811, July 2015 PSN 7630-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature]

☐ Agent

☐ Addressee

B. Received by (Printed Name)

[Printed Name]

C. Date of Delivery

[Date]

D. Is delivery address different from item 1? If YES, enter delivery address below:

☐ Yes

☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

USPS TRACKING #



9590 9402 3705 7335 0199 33

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

Sender: Please print your name, address, and ZIP+4® in this box*

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

REC'D
MAY - 8 2018
BY

**U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee \$ 7.91
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage

\$

Total

\$

Sent

Street

City, State

ZIP+4

Lazy T Royalty Management, LTD
3300 S 14, Suite 322
Abilene, TX 79605
Catapult
JLB/81363-0124

APR 27 2018
Here

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Magnum Hunter Production, Inc.
600 N. Marienfeld St. # 600
Midland, TX 79701
Catapult
JLB/81363-0124



9590 9402 3705 7335 0217 38

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8580

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Virginia Curtis* ☒ Agent ☐ Addressee

B. Received by (Printed Name)

VIRGINIA CURTIS

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

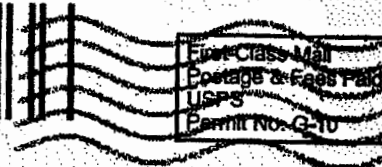
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

d Mail Restricted Delivery (500)

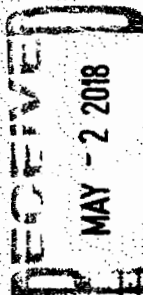
USPS TRACKING®



9590 9402 3705 7335 0217 38



United States
Postal Service



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Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

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OFFICIAL USE

Certified Mail Fee

\$ 7.41

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage

\$

Sent To

Street or

City, State

PS Form

Magnum Hunter Production, Inc.
600 N. Marienfeld St. # 600
Midland, TX 79701
Catapult
JLB/81363-0124

Postmark
Here

7017 2400 0000 5766 8580

PS Form

See reverse for instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Pitco Company
P.O. Box 4190
Scottsdale, AZ 85261
Catapult
JLB/81363-0124



9590 9402 3705 7335 0199 40

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8313

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

WSW

☐ Agent☐ Addressee

B. Receiver: Wendy Walrath

Date of Delivery

5/2/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail☐ Mail Restricted Delivery

500

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted

Delivery

☒ Return Receipt for

Merchandise

☐ Signature Confirmation™☐ Signature Confirmation

Restricted Delivery

Domestic Return Receipt

USPS TRACKING#



9590 9402 3705 7335 0199 40

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

MAY 11 2018

* Sender: Please print your name, address, and ZIP+4® in this box*

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

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Certified Mail Fee

7.41

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$☐ Return Receipt (electronic) \$☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage

\$

Sent To

Street and A

City, State, &

Pitco Company
P.O. Box 4190
Scottsdale, AZ 85261
Catapult
JLB/81363-0124

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Snowmass Energy Partners, LTD
3300 S 14, Suite 322
Abilene, TX 79605
Catapult
JLB/81363-0124



9590 9402 3705 7335 0199 26

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8337

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

- ☐ Agent
☐ Addressee

B. Received by (Printed Name)

Mel Bonnell

C. Date of Delivery

4/30/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

USPS TRACKING#



9590 9402 3705 7335 0199 26

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box*

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

MAY - 8 2018

BY:

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Certified Mail Fee \$ 7.41
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$ _____
☐ Return Receipt (electronic) \$ _____
☐ Certified Mail Restricted Delivery \$ _____
☐ Adult Signature Required \$ _____
☐ Adult Signature Restricted Delivery \$ _____

Postage

\$ _____

Total

\$ _____

Sent

Street

City

Snowmass Energy Partners, LTD
3300 S 14, Suite 322
Abilene, TX 79605
Catapult
JLB/81363-0124

APR 27 2018
Postmark
Here

PS Form 3800, April 2017 PSN 7530-02-000-9053 See reverse for instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Talon Oil & Gas III, LLC (Marathon)
3131 McKinney Ave., Suite 750
Dallas, Texas 75204
Catapult
JLB/81363-0124



9590 9402 3705 7335 0217 14

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8566

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

5-2-18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☐ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Registered Mail®☐ Registered Mail Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

USPS TRACKING #



9590 9402 3705 7335 0217 14

United States
Postal ServiceRECEIVED
MAY - 8 2018

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Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

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Postage & Fees Paid
USPS
Permit No. G-10

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OFFICIAL USE

Certified Mail Fee

\$ 7.41

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$☐ Return Receipt (electronic) \$☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage

\$

Sent To

Street and

City, State

Talon Oil & Gas III, LLC (Marathon)
3131 McKinney Ave., Suite 750
Dallas, Texas 75204
Catapult
JLB/81363-0124

Postmark

Here

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

WPX Energy Permian, LLC
3500 One Williams Center
Tulsa, OK, 74172
Catapult
JLB/81363-0124

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8344

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature 

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Mail Restricted Delivery

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

USPS TRACKING#

9590 9402 3705 7335 0199 19

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

MAY - 3 2018

• Sender: Please print your name, address, and ZIP+4® in this box•

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103

-216868

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Certified Mail Fee \$ 7.41

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage \$
Total Postage \$

Sent To WPX Energy Permian, LLC
3500 One Williams Center
Tulsa, OK, 74172
Catapult
JLB/81363-0124

City, State, Zi

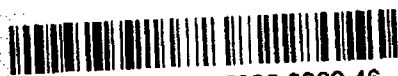
APR 27 2018
Here

PS Form 3800, April 2015 PSN 7530-02-000-9017 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Riverbend Exploration & Production, LLC
One Allen Center, 500 Dallas, Suite 2835
Houston, Texas 77022
Catapult
JLB/81363-0124



9590 9402 3705 7335 0209 46

2. Article Number (Transfer from service label)

7017 2400 0000 5766 8597

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☐ Agent
☐ Addressee

X

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Mail Restricted Delivery (500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

Riverbend Exploration & Production, L
One Allen Center, 500 Dallas, Suite 283
Houston, Texas 77022

ing Roehm Harris & Sisk, P.A.

ALL SPRINTING

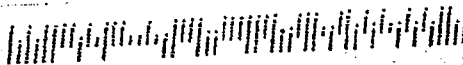
NO 8/10/10

NIXIE

773 CE 1

7205/

RETURN TO SENDER
NOT DELIVERABLE AS ADDRESSEE
UNABLE TO FORWARD



**U.S. Postal Service™
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Certified Mail Fee \$ 7.41
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

Total P

Sent To

Street &

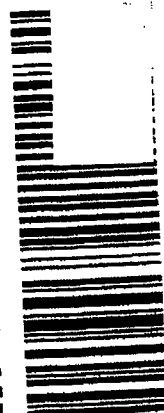
City, Sta

Riverbend Exploration & Production, LLC
One Allen Center, 500 Dallas, Suite 2835
Houston, Texas 77022
Catapult
JLB/81363-0124

PS Form 3800, April 2015 PSN 7530-02-010-9067

See Reverse for Instructions

7017 2400 0000 5766 8597



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USPS Tracking®

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Tracking Number: 70172400000057668269

Remove X

This is a reminder to arrange for redelivery of your item or your item will be returned to sender.

Delivery Attempt

Reminder to Schedule Redelivery of your item

Get Updates ▼

Text & Email Updates	7017 2400 0000 5766 8269 U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only For delivery information, visit our website at www.usps.com®. OFFICIAL USE Certified Mail Fee \$ 7.41 Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) \$ ☐ Return Receipt (electronic) \$ ☐ Certified Mail Restricted Delivery \$ ☐ Adult Signature Required \$ ☐ Adult Signature Restricted Delivery \$ Postmark Here	▼
Tracking History		▼
Product Information		▼

Postage

Total \$ Petraitis Oil & Gas, LLC

Sent \$ 223 W. Wall Street, Suite 900

Midland, Texas 79702

Street Catapult

City JLB/81363-0124

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

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FAQs (<http://faq.usps.com/?articleId=220900>)

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USPS Tracking®

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Tracking Number: 70172400000057668306

Remove X

Your item was delivered at 11:14 am on May 1, 2018 in SANTA FE, NM 87505.

✓ Delivered

May 1, 2018 at 11:14 am
Delivered
SANTA FE, NM 87505

Get Updates ✓

Text & Email Updates

Tracking History

Product Information

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com	
OFFICIAL USE	
Certified Mail Fee	7.41
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$
Postage	
Total	
Sent to	Mar Oil & Gas Corp.
Street	P.O. Box 5155
City, State	Santa Fe, NM 87502-5155
	Catapult
	JLB/81363-0124
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

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FAQs (<http://faq.usps.com/?articleId=220900>)

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USPS Tracking®

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Tracking Number: 70172400000057668290

Remove X

This is a reminder to arrange for redelivery of your item or your item will be returned to sender.

Delivery Attempt

Reminder to Schedule Redelivery of your item

Get Updates ▼

Text & Email Updates		▼
Tracking History		▼
Product Information		▼

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FAQs (<http://faq.usps.com/?articleId=220900>)

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USPS Tracking®

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Tracking Number: 70172400000057668283

Remove X

This is a reminder to arrange for redelivery of your item or your item will be returned to sender.

Delivery Attempt

Reminder to Schedule Redelivery of your item

Get Updates ▼

Text & Email Updates	7017 2400 0000 5766 8283 U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only For delivery information, visit our website at www.usps.com™. OFFICIAL USE Certified Mail Fee \$ <u>7.41</u> Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) \$ _____ ☐ Return Receipt (electronic) \$ _____ ☐ Certified Mail Restricted Delivery \$ _____ ☐ Adult Signature Required \$ _____ ☐ Adult Signature Restricted Delivery \$ _____ Postage \$ _____ Total \$ _____ Sent \$ _____ Street _____ City _____ PS Form 3800, November 2010 Instructions	▼
Tracking History		▼
Product Information		▼

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FAQs (<http://faq.usps.com/?articleId=220900>)

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USPS Tracking®

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Tracking Number: 70172400000057668276

Remove X

This is a reminder to arrange for redelivery of your item or your item will be returned to sender.

Delivery Attempt

Reminder to Schedule Redelivery of your item

Get Updates ▼

Text & Email Updates	U.S. Postal Service™ CERTIFIED MAIL® RECEIPT <i>Domestic Mail Only</i> For delivery information, visit our website at www.usps.com ®. OFFICIAL USE Certified Mail Fee \$ <u>7.41</u> Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) \$ _____ ☐ Return Receipt (electronic) \$ _____ ☐ Certified Mail Restricted Delivery \$ _____ ☐ Adult Signature Required \$ _____ ☐ Adult Signature Restricted Delivery \$ _____ Postage \$ _____ Total Postage \$ _____ Sent To Manta II, LLC 223 W. Wall Street, Suite 900 Midland, Texas 79702 Street and A Catapult JLB/81363-0124 City, State, & ZIP+4® _____ PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	▼
Tracking History		▼
Product Information		▼

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs (<http://faq.usps.com/?articleId=220900>)

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USPS Tracking®

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Tracking Number: 70172400000057668252

Remove X

This is a reminder to arrange for redelivery of your item or your item will be returned to sender.

Delivery Attempt

Reminder to Schedule Redelivery of your item

Get Updates ▼

Text & Email Updates	U.S. Postal Service™ CERTIFIED MAIL® RECEIPT <i>Domestic Mail Only</i> For delivery information, visit our website at www.usps.com . OFFICIAL USE Certified Mail Fee \$ <u>7.41</u> Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) \$ _____ ☐ Return Receipt (electronic) \$ _____ ☐ Certified Mail Restricted Delivery \$ _____ ☐ Adult Signature Required \$ _____ ☐ Adult Signature Restricted Delivery \$ _____ Postage \$ _____ Total Postage \$ _____ Sent To Olwick Corporation 223 W. Wall Street, Suite 900 Midland, Texas 79702 Street and # Catapult JLB/81363-0124 City, State, ZIP+4® _____ PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	▼
Tracking History		▼
Product Information		▼

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs (<http://faq.usps.com/?articleId=220900>)

ALERT: AS OF APRIL 30, USPS.COM NO LONGER SUPPORTS OUTDATED BROWSERS. TO CO...

USPS Tracking®

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Tracking Number: 70172400000057668641

Remove X

The item is currently in transit to the next facility as of May 15, 2018.

In-Transit

May 15, 2018
In Transit to Next Facility

Get Updates ▼

Text & Email Updates

Tracking History

Product Information

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ 7.41

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$	
☐ Return Receipt (electronic)	\$	
☐ Certified Mail Restricted Delivery	\$	
☐ Adult Signature Required	\$	
☐ Adult Signature Restricted Delivery	\$	

Postage \$

Total Postage \$

Sent To Tiburon Oil & Gas, Inc
P.O. Box 1396
Menard, Texas 76859

Street and City, State Catapult
JLB/81363-0124

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs (<http://faq.usps.com/?articleId=220900>)

ALERT: AS OF APRIL 30, USPS.COM NO LONGER SUPPORTS OUTDATED BROWSERS. TO CO...

USPS Tracking®

FAQs > (<http://faq.usps.com/?articleId=220900>)

Track Another Package +

Tracking Number: 70172400000057668559

Remove X

Your item arrived at the Post Office at 9:15 am on May 10, 2018 in MIDLAND, TX 79701.

In-Transit

May 10, 2018 at 9:15 am
Arrived at Unit
MIDLAND, TX 79701

Get Updates ∨

Text & Email Updates

Tracking History

Product Information

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$ 7.41	
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy) \$	
☐ Return Receipt (electronic) \$	
☐ Certified Mail Restricted Delivery \$	
☐ Adult Signature Required \$	
☐ Adult Signature Restricted Delivery \$	
Postage	
Total Pos \$	Centurion Energy Corporation
Sent To \$	P.O. Box 11144
Street and	Midland, Texas 79702
City, State	Catapult
	JLB/81363-0124
PS Form 3800, April 2015 PSN 7539-02-000-9047 See Reverse for Instructions	

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs (<http://faq.usps.com/?articleId=220900>)

CARLSBAD
CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

**Ad No.
0001245468**

MODRALL SPERLING
PO BOX 2168

ALBUQUERQUE NM 87103

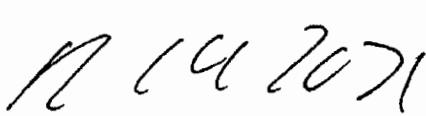
I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

05/03/18


Legal Clerk

Subscribed and sworn before me this
3rd of May 2018.


State of WI, County of Brown
NOTARY PUBLIC


My Commission Expires

BERGEN GORNOWICH
Notary Public
State of Wisconsin

Ad#:0001245468
P O : 16088
of Affidavits :0.00

CASE No. 16088: Notice to all affected parties, as well as the heirs and devisees of Robert L. Cruce; Robert Lee Moore; RKL Exploration & Production, LLC; Cimarex Energy Co. of Colorado; Finley Resources Inc.; Tap Rock Resources, LLC; Magnum Hunter Production, Inc.; Warwick-Ares, LLC; Snow Operating Co.; Mobil Prod. TX & NM; WPX Energy Permian, LLC; Snowmass Energy Partners, LTD; Lazy T Royalty Management, LTD; Pitco Company; Mar Oil & Gas Corp.; Amarco Energy, LLC; Finwing Oil & Gas, LLC; Manta II, LLC; Petraitis Oil & Gas, LLC; Olwick Corporation; Tiburon Oil & Gas, Inc; Lazy T Royalty Management, LTD; Coyote Oil & Gas, LLC; Devon Energy Production Company, L.P.; WPX Energy Permian, LLC; CEI Bristol Acquisition, L.P.; Pitco Company; Apache Energy Resources Corporation; Riverbend Exploration & Production, LLC; Magnum Hunter Production, Inc.; and Centurion Energy Corporation; COG Operating, LLC of Marathon Oil Permian LLC's for a non-standard spacing and proration unit and compulsory pooling, Eddy County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on May 17, 2018, to consider this application. Applicant seeks an order (1) creating a non-standard 160-acre, more or less, spacing and proration unit in the Bone Spring formation, comprised of the E/2 E/2 of Section 1, Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico; and, (2) pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit. This proposed non-standard spacing and proration unit will be the project area for the Catalyst Fee 23-26-1 TB 6H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be con-

sidered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 6 miles south of Carlsbad, New Mexico.
Pub#1245468
Run Date:May 3, 2018

Catapult
Application 3H 5H 10H
Mailed on 04/13/18

Pooled Parties	
Robert L. Cruce 7510 Kelley Road Little Rock, Arkansas 72118	7017-2400-0001-1389-2133 4/24/18
Robert Lee Moore Austin Street Center 2929 Hickory Street Dallas, TX 75226	7017-2400-0001-1389-2140 Return to Sender 05/16/18

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Robert L. Cruce
7510 Kelley Road
Little Rock, Arkansas 72118
Catapult
JLB / 81363-0124



9590 9402 3381 7227 3072 27

7017 2400 0001 1389 2133

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Jackie Robertson ☐ Agent ☐ Addressee

B. Received by (Printed Name)

JACKIE ROBERTSON

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No



3. Service Type

- ☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Mail
☐ Mail Restricted Delivery (00)
- ☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

USPS TRACKING#



9590 9402 3381 7227 3072 27



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box®

RECEIVED
APR 24 2018

Jennifer L. Bradfute
Modrall Law Firm
P.O. Box 2168
Albuquerque, NM 87103



U.S. Postal Service™
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For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee

\$ 7.09

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark

\$

Total

\$

Sent

Date

City

State

City

Robert L. Cruce
7510 Kelley Road
Little Rock, Arkansas 72118
Catapult
JLB / 81363-0124

Postmark
Here

APR 13 2018

7017 2400 0001 1389 2133

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

DRALL SPERLING

Harris & Sisk, P.A.
2168
erque, NM
2168



7017 2400 0001 1389 2140

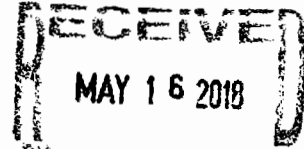
NEOPOST FIRST-CLASS MAIL
04/13/2018
US POSTAGE \$007.09



ZIP 87102
041M11283401

Robert Lee Moore
Austin Street Center
2929 Hickory Street
Dallas, TX 75226

4/21



RETURN TO

NIXIE 750 DE 1 0005/09/18

RETURN TO SENDER
INSUFFICIENT ADDRESS
UNABLE TO FORWARD

1: 93041298126558

IA

BC: 87103216868

*0334-00852-17-45

7522632128 2168

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
- Complete items 1, 2, and 3. - Print your name and address on the reverse so that we can return the card to you. - Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature ☐ Agent ☒ Addressee B. Received by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes ☐ No If YES, enter delivery address below:	
1. Article Addressed to: Robert Lee Moore Austin Street Center 2929 Hickory Street Dallas, TX 75226 Catapult JLB / 81363-0124 9590 9402 3381 7227 2759 91		3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery (over \$500)	
2. Article Number (Transfer from previous label) 7017 2400 0001 1389 2140		☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CARLSBAD
CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

**Ad No.
0001245471**

MODRALL SPERLING
PO BOX 2168

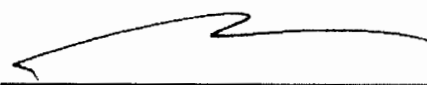
ALBUQUERQUE NM 87103

I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

05/03/18


Legal Clerk

Subscribed and sworn before me this
3rd of May 2018.


State of WI, County of Brown
NOTARY PUBLIC


My Commission Expires

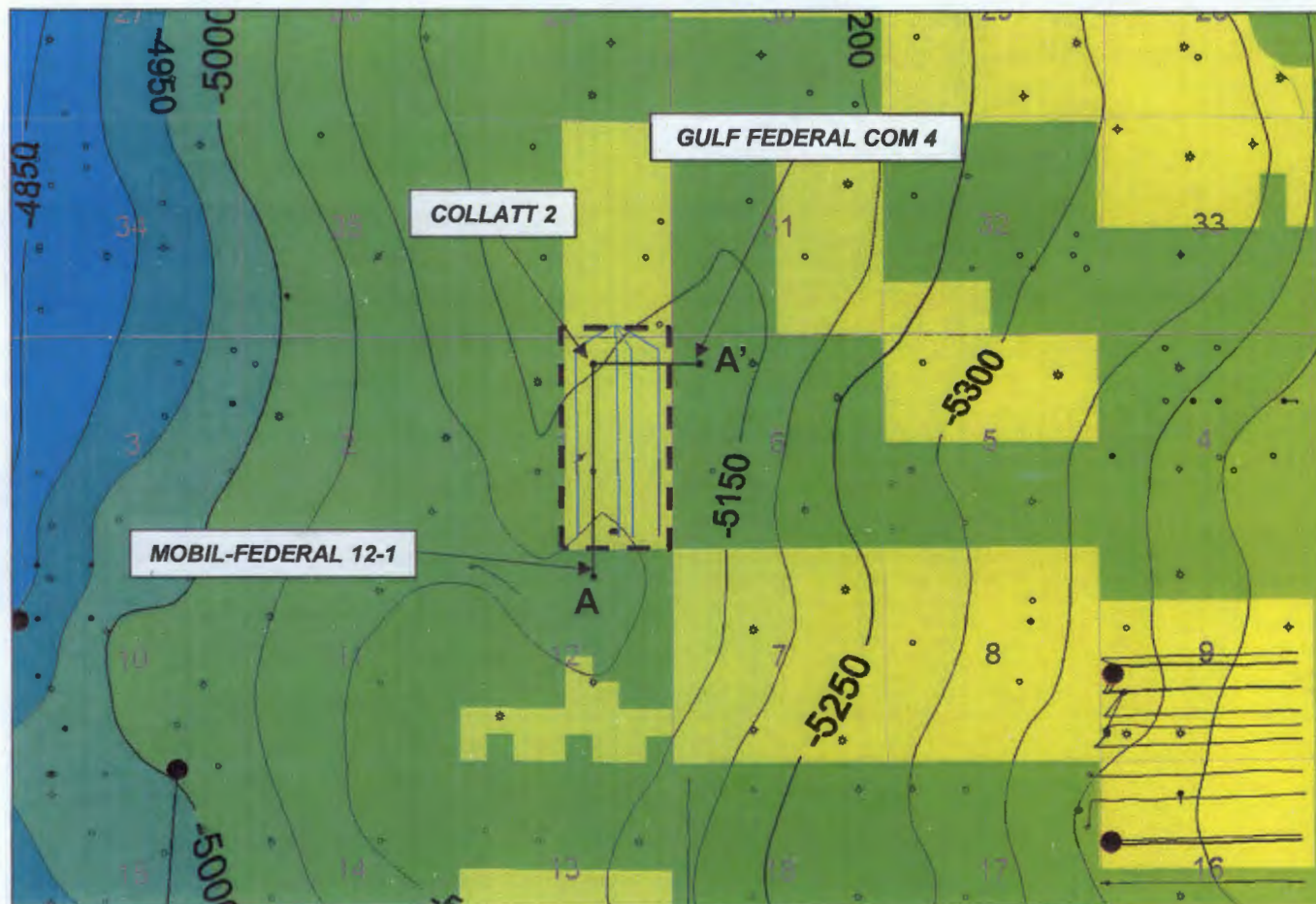
CASE No. 16089: Notice to all affected parties, as well as the heirs and devisees of Robert L. Cruce and Robert Lee Moore of Marathon Oil Permian LLC's application for compulsory pooling, Eddy County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on May 17, 2018, to consider this application. Applicant seeks an order: (1) pooling all mineral interests in the Wolfcamp formation underlying the standard 320-acre, more or less, spacing and proration unit comprised of the E/2 of Section 1, Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico. This proposed standard spacing and proration unit will be the project area for the Catapult Fee Com 23 26 1 WA 5H, Catapult Fee Com 23 26 1 WXY 3H, and Catapult Fee Com 23 26 1 WXY 10H wells, to be horizontally drilled. The producing area for these wells will be orthodox. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 6 miles south of Carlsbad, New Mexico. Pub#1245471 Run Date: May 3, 2018

Ad#:0001245471
P O : 16089
of Affidavits :0.00

BERGEN GORNOWICH
Notary Public
State of Wisconsin

Catapult 23-26-1

Structure Map – Top of 3rd Bone Spring Sand Subsea



Map Legend

MRO – Proposed HZ Wellbore

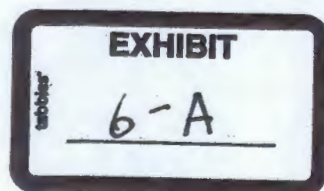
Bone Spring HZ Producing Well

MRO Acreage

Project Area

C.I. = 50'

1 mile



Catapult 23-26-1

Stratigraphic Cross Section (Top of 3rd Bone Spring Datum)

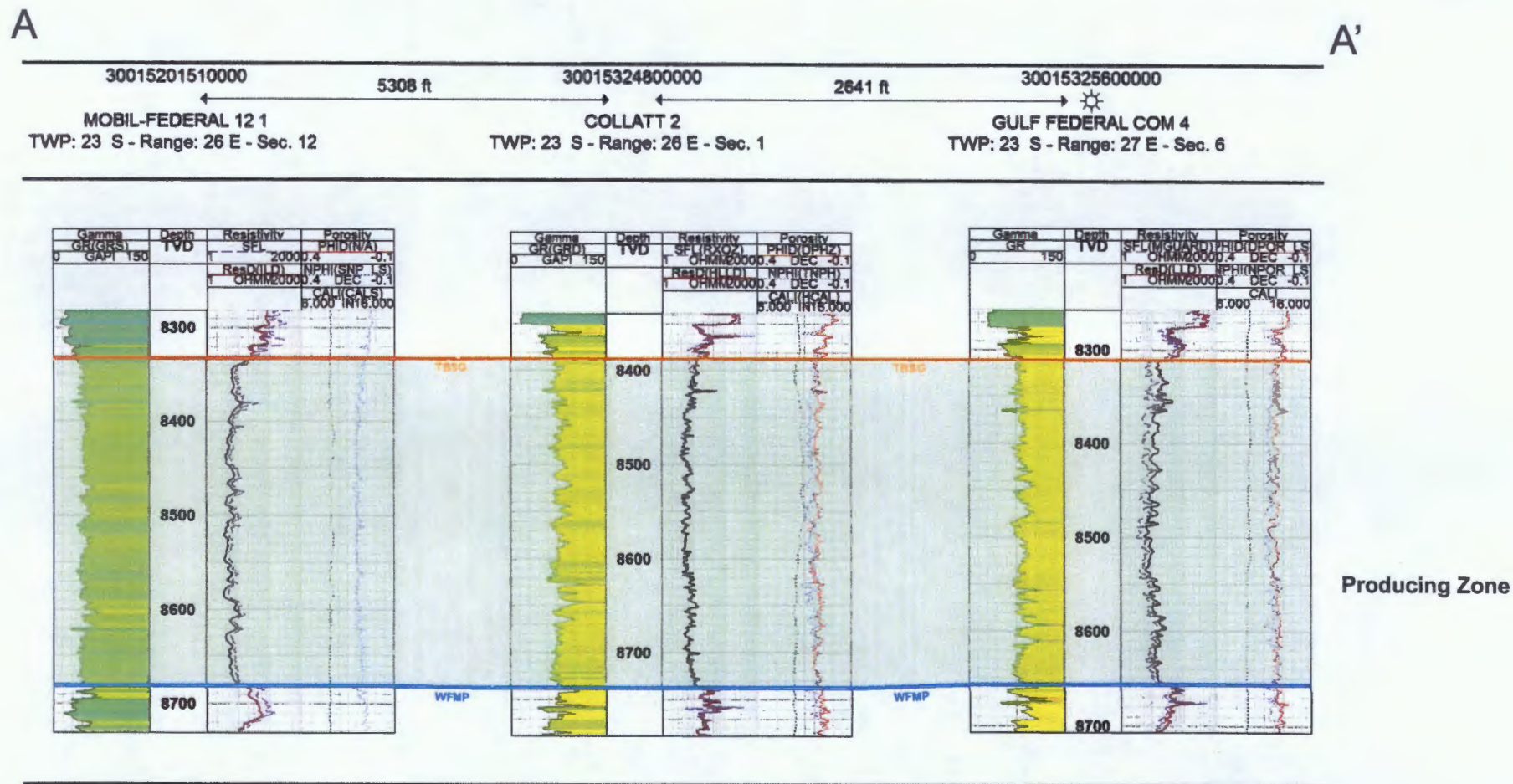
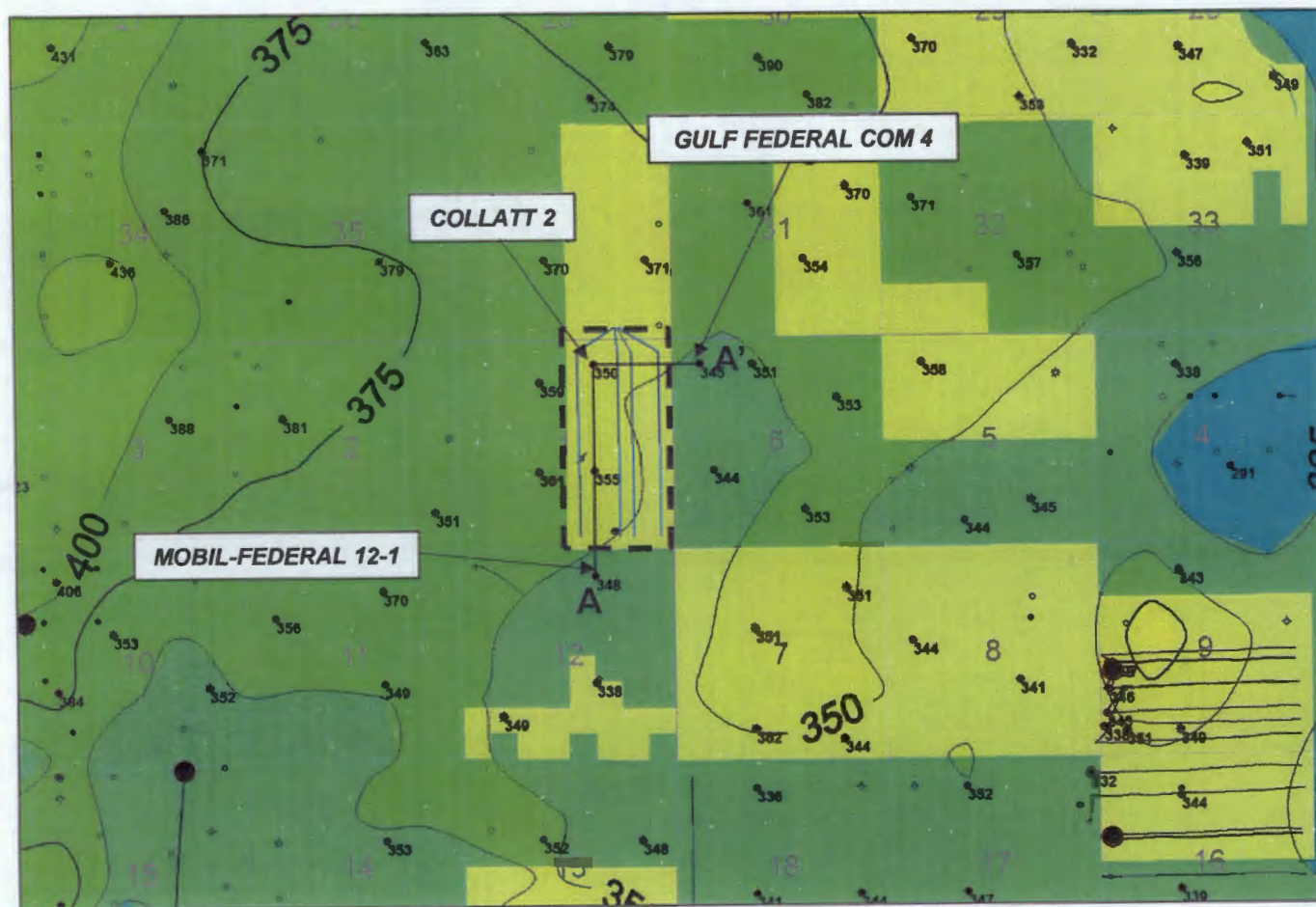


EXHIBIT
6 B

Catapult 23-26-1

Gross Interval Isochore – 3rd Bone Spring (25' Contours)



Map Legend

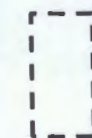
MRO – Proposed HZ Wellbore



Bone Spring HZ Producing Well

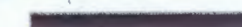


MRO Acreage



Project Area

C.I. = 25'



1 mile

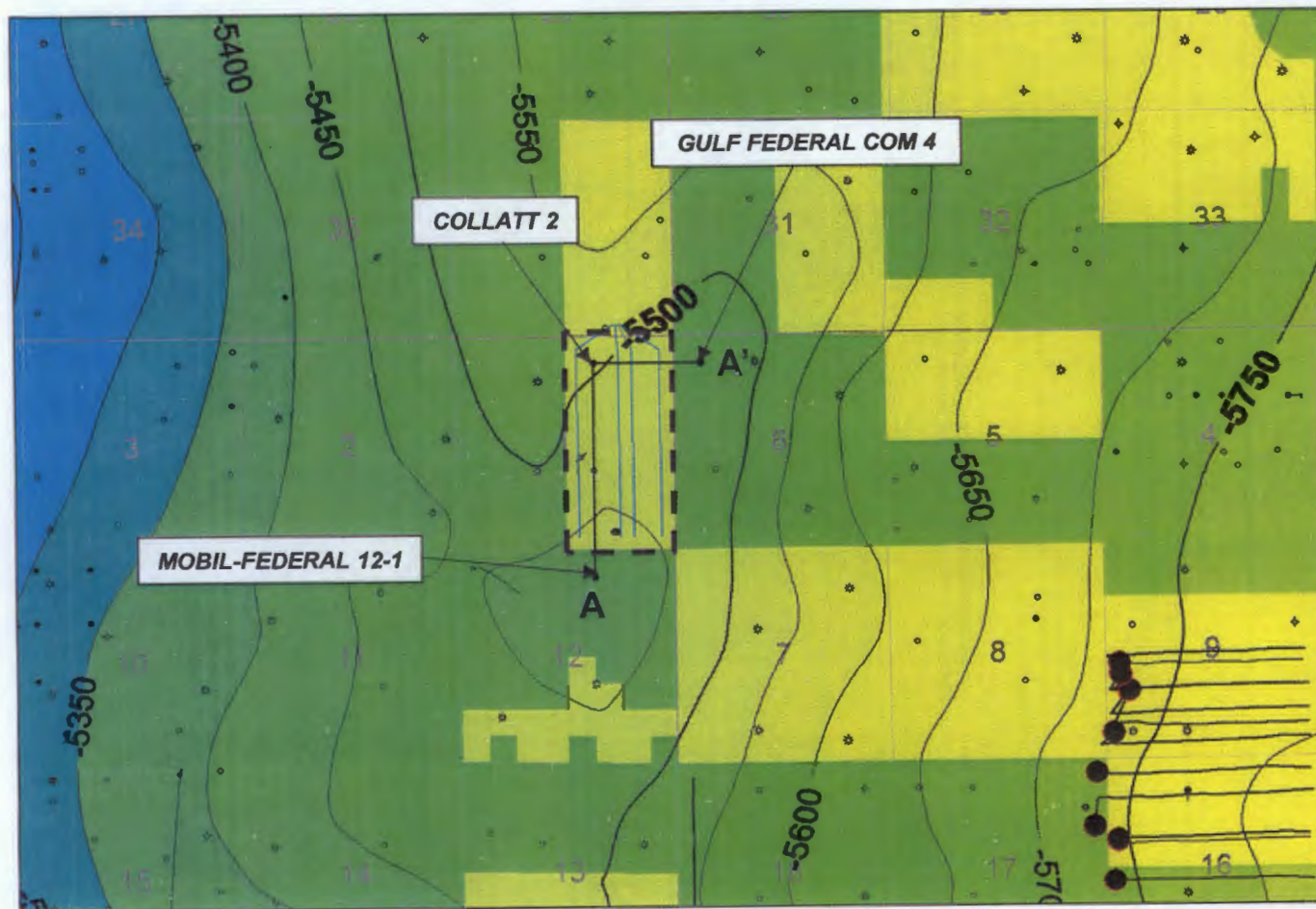
EXHIBIT

6-C


Marathon Oil

Catapult 23-26-1

Structure Map – Top of Wolfcamp Subsea



Map Legend

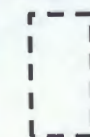
MRO – Proposed HZ Wellbore



Wolfcamp HZ Producing Well

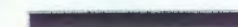


MRO Acreage



Project Area

C.I. = 50'



1 mile

EXHIBIT

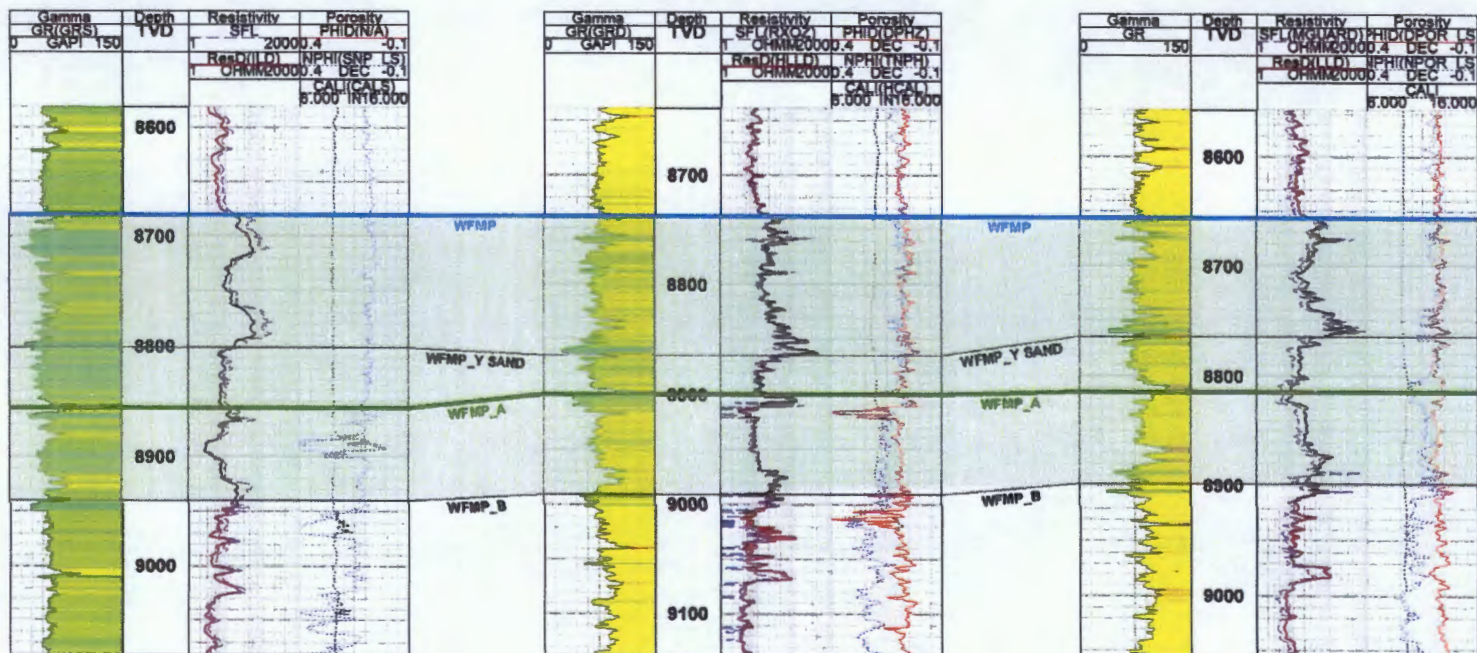
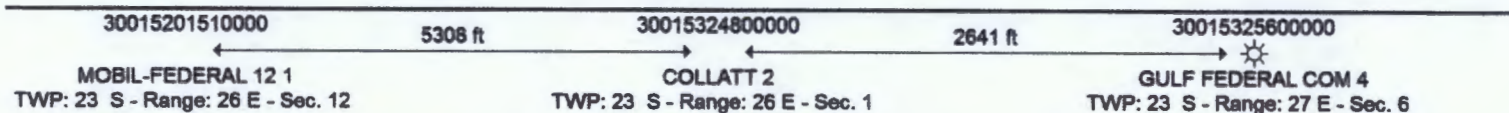
7-A


Marathon Oil

Catapult 23-26-1

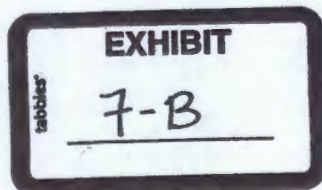
Stratigraphic Cross Section (Top Wolfcamp Datum)

A A'



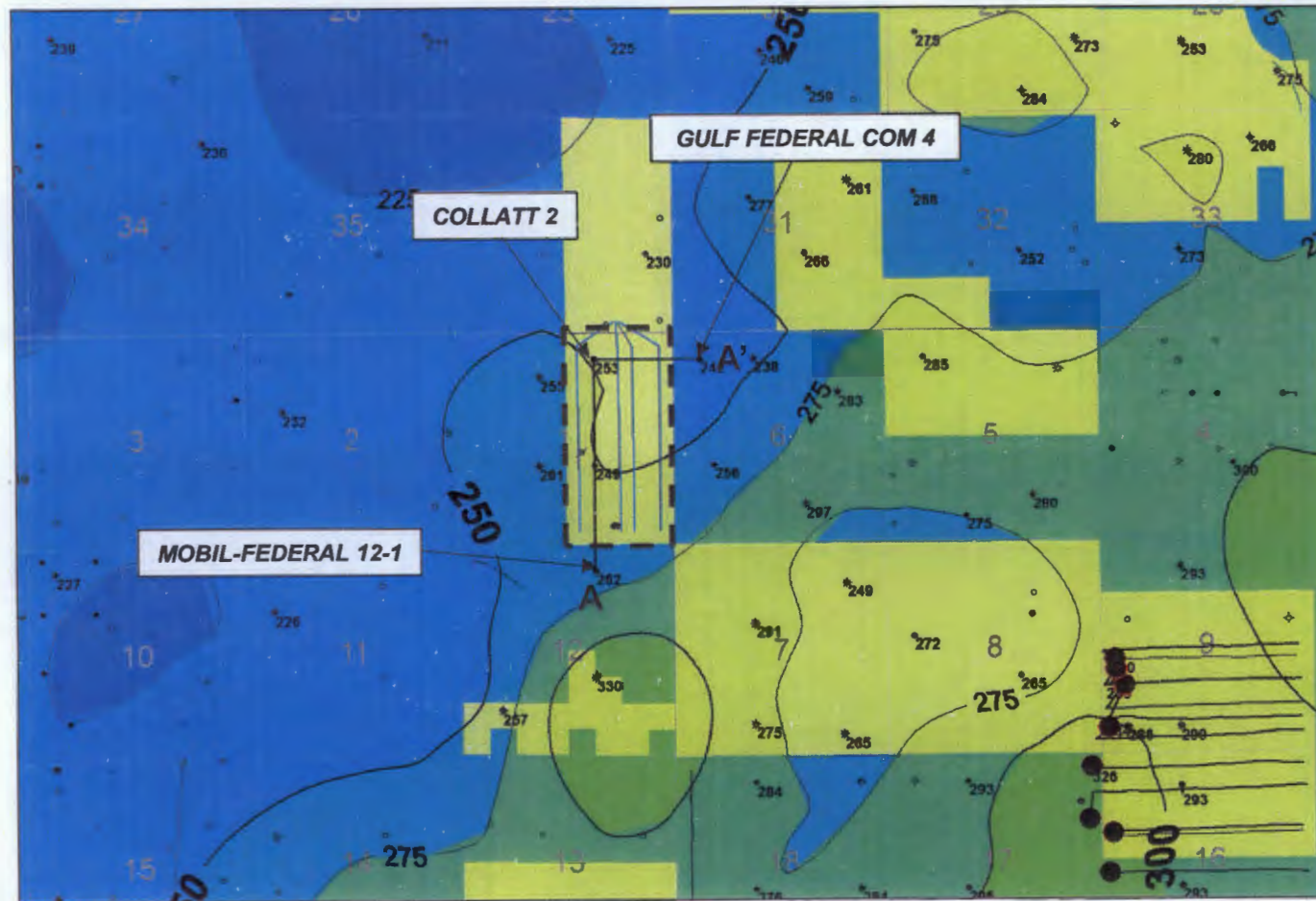
Producing Zone

Producing Zone



Catapult 23-26-1

Gross Interval Isochore – Wolfcamp to Wolfcamp B (25' Contours)



Map Legend

MRO – Proposed HZ Wellbore

Wolfcamp HZ Producing Well

MRO Acreage

Project Area

C.I. = 25'

1 mile


Marathon Oil

EXHIBIT

7-C