

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

**IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION FOR
THE PURPOSE OF CONSIDERING:**

**APPLICATION OF CAZA PETROLEUM, LLC FOR
A NONSTANDARD SPACING AND PRORATION
UNIT AND COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case No. 16360

VERIFIED STATEMENT OF JOHN E. BROWN

John E. Brown, being duly sworn upon his oath, deposes and states:

1. I am a landman for Caza Petroleum, LLC ("Caza"), and have personal knowledge of the matters set forth herein. I have been qualified by the Division as an expert petroleum landman.

2. Pursuant to NMAC 19.15.4.12.A(1), the following information is submitted in support of the compulsory pooling application filed herein:

(a) The purpose of this application is to force pool working interest owners into the Wolfcamp horizontal spacing unit described below, and in the well to be drilled in the unit.

(b) No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well, but have simply failed or refused to voluntarily commit their interests to the well.

(c) A plat outlining the unit being pooled is attached hereto as Attachment A. Caza seeks an order pooling all mineral interests in a 640 acre horizontal spacing unit in the Wolfcamp formation comprised of the N/2 of Section 22 and the N/2 of Section 21, Township 23 South, Range 27 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to the Forehand Ranch North 22-21 State Well No. 2H, to be drilled to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well, with a first take point in the SE/4NE/4 of Section 22, and a last take point in the SW/4NW/4 of Section 21.

(d) The parties being pooled and their interests are set forth in Attachment B. Their current and correct addresses are also set forth. Caza has searched public records and

EXHIBIT /

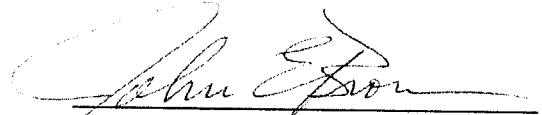
internet records to determine these addresses. None of the letters sent to the interest owners have been returned.

- (e) Attachment C is a copy of the proposal letter sent to the working interest owners. In addition to this letter, I have had numerous phone calls and e-mails with the interest owners except for Haycor, Inc., which has not responded to our contacts. Also, a form Joint Operating Agreement has been sent to all working interest owners.
- (f) Caza has made a good faith effort to locate all interest owners and to obtain the voluntary joinder of the working interest owners in the proposed well.
- (g) Caza has the right to pool the overriding royalty owners in the well unit.
- (h) Attachment D contains the Authorizations for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable, and comparable to the cost of other wells of similar depth and length drilled in this area of Eddy County.
- (i) Caza requests overhead and administrative rates of \$7500/month for a drilling well and \$750/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Caza requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- (j) Caza requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (k) Caza requests that it be designated operator of the well.
- (l) The attachments to this affidavit were prepared by me, or compiled from company business records.
- (m) The granting of this application is in the interests of conservation and the prevention of waste.

VERIFICATION

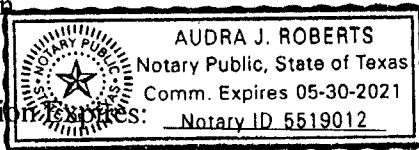
STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

John E. Brown, being duly sworn upon his oath, deposes and states that: He is a landman for Caza Petroleum, LLC; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.



John E. Brown

SUBSCRIBED AND SWORN TO before me this 5th day of September, 2018 by
John E. Brown

My Commission Expires:  Audra J. Roberts
Notary Public, State of Texas
Comm. Expires 05-30-2021
Notary ID 5519012



Notary Public

OCD Permitting

District I1625 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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170**District IV**1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011

Permit 246415

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CAZA OPERATING, LLC 200 N LORAIN MIDLAND, TX 79701		2. OGRID Number 249099
		3. API Number 30-015-44621
4. Property Code 320546	5. Property Name FOREHAND RANCH NORTH 22 21 STATE	6. Well No. 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	22	23S	27E		1480	N	250	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	21	23S	27E	E	2306	N	330	W	Eddy

9. Pool Information

PURPLE SAGE, WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3140
16. Multiple N	17. Proposed Depth 19220	18. Formation Wolfcamp	19. Contractor	20. Spud Date 1/10/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	793	770	0
Int1	12.25	9.625	40	3900	965	0
Int1	12.25	9.625	40	5500	1100	3900
Int1	12.25	9.625	47	7429	1400	5500
Prod	8.5	5.5	20	19220	3000	0

Casing/Cement Program: Additional Comments

Conductor will be set at 200'. The Rustler formation top is 184'. The conductor will protect ground water so that the surface casing can be run through the salt and set just below the base of salt. A DV tool will be set at approximately 4100' in the 9.625" casing.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Schaffer
Double Ram	5000	5000	Schaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
 I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

OIL CONSERVATION DIVISION

ATTACHMENT A

OCD Permitting

Signature:			
Printed Name:	Electronically filed by Steve Morris	Approved By:	Raymond Podany
Title:		Title:	Geologist
Email Address:	steve.morris@mojoenergy.com	Approved Date:	1/5/2018
Date:	1/3/2018	Phone:	972-835-3315
		Expiration Date: 1/5/2020	
		Conditions of Approval Attached	

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, New Mexico 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name FOREHAND RANCH NORTH 22-21 STATE	Well Number 2H
OGRID No	Operator Name CAZA OPERATING, LLC	Elevation 3140'

Surface Location

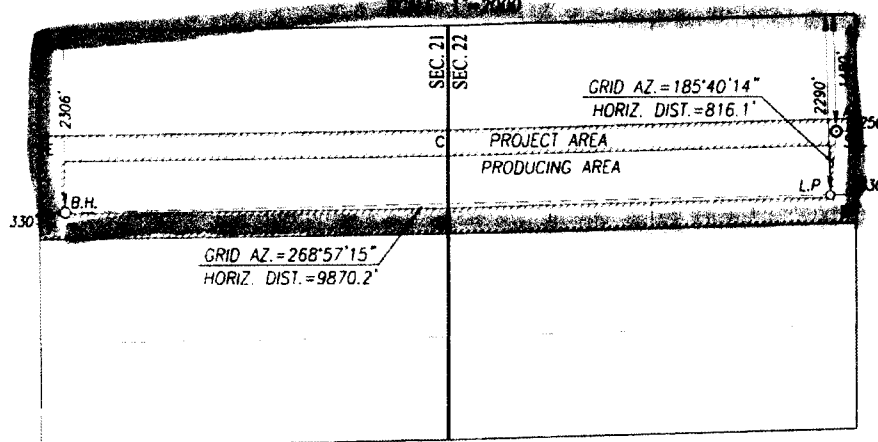
UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	22	23-S	27-E		1480	NORTH	250	EAST	EDDY

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
E	21	23-S	27-E		2306	NORTH	330	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	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



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 21, 2017

Date of Survey _____
Signature & Seal of Professional Surveyor _____

Certificate Number 12641
 Ronald J. Eidson 3239
 ACK JWSC W.O. 17.11.1118

BOTTOM HOLE LOCATION
NAD 27 NME
Y = 469645.2 N
X = 540588.8 E
LAT. = 32.291103° N
LONG. = 104.201983° W

CORNER COORDINATES TABLE

NAD 27 NME
A - Y = 470796.6 N, X = 550785.6 E
B - Y = 469470.1 N, X = 550784.5 E
C - Y = 470675.2 N, X = 545534.6 E
D - Y = 469349.9 N, X = 545531.7 E
E - Y = 470621.0 N, X = 540256.4 E
F - Y = 469294.6 N, X = 540259.8 E

LANDING POINT
NAD 27 NME
Y = 469825.2 N
X = 550454.9 E
LAT. = 32.291561° N
LONG. = 104.170054° W

GEODEIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y = 470637.1 N
X = 550535.5 E
LAT. = 32.293792° N
LONG. = 104.169789° W

BOTTOM HOLE LOCATION
NAD 83 NME
Y = 469703.9 N
X = 581771.0 E
LAT. = 32.291222° N
LONG. = 104.202482° W

CORNER COORDINATES TABLE

NAD 83 NME
A - Y = 470855.4 N, X = 591968.0 E
B - Y = 469528.9 N, X = 591966.9 E
C - Y = 470734.0 N, X = 586716.9 E
D - Y = 469408.6 N, X = 586714.0 E
E - Y = 470679.7 N, X = 581438.6 E
F - Y = 469353.3 N, X = 581442.0 E

LANDING POINT
NAD 83 NME
Y = 469884.0 N
X = 591637.3 E
LAT. = 32.291680° N
LONG. = 104.170552° W

GEODEIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y = 470695.9 N
X = 591717.9 E
LAT. = 32.293911° N
LONG. = 104.170287° W

Forehand Ranch North 22-21 Unit Working Interest-Cont'd

rev 8/8/18

WORKING INTEREST OWNERS

WORKING INTEREST

Tim Hogan, MSU
2 Michelle Lane
Warren, New Jersey 07059

0.250000%

Haycor, Inc.
15723 Hermitage Oaks Drive
Tomball, Texas 77375

0.01250%

Marathon Oil Permian, LLC
Attn: Matt Brown
5555 San Felipe
Room 3720
Houston, Texas 77056

0.510465%

Black Stone Energy Company
Attn: Luke Mildren
1001 Fannin, Suite 2020
Houston, Texas 77002

0.510465%

Roadrunner Oil & Gas, LLC
Attn: Cathy Green
1401 Ballinger Street
Fort Worth, Texas 76102

0.012500%

Poco Oil Company
13103 Holston Hills Drive
Houston, Texas 77069

0.170155%

Shyla Corporation
3101 Richmond Avenue, Suite 210
Houston, Texas 77098

0.127616%

Frederick W. Zimmerman, d/b/a Island Resources
6760 Portwest Drive
Houston, Texas 77024

0.127617%

ATTACHMENT *B*

Forehand Ranch North 22-21 #2H Unit Working Interest

rev 8/8/2018

WORKING INTEREST OWNERS

WORKING INTEREST

Caza Petroleum, LLC Attn: Rich Albro 4 Greenspoint Place 16945 Northchase Drive, Suite 1430 Houston, Texas 77060	53.750000%
Chevron USA Inc. Attn: Kristin Hunter, Land Representative OBO MCBU Land Dept. 6301 Deauville Blvd. Midland, Texas 79706	24.203311%
MRC Explorers Resources, LLC 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240	1.035195%
MRC Spiral Resources, LLC 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240	1.035195%
MRC Delaware Resources, LLC Attn: Nicholas Weeks 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240 Roswell, New Mexico 88202-1933	10.046016%
Yates Energy Corporation P. O. Box 2323 Roswell, New Mexico 88201	3.406931%
D. Van Matthew, MSU 2200 S. W. Freeway, Suite 500 Houston, Texas 77089	2.762500%
Harold Hees, MSU P. O. Box 7638 Corpus Christi, Texas	1.062500%
Howard Lorch, MSU 2203 Chilton Road Houston, Texas 77019	0.250000%



June 26, 2018

To: All Working Interest Owners
(See Owner and Interest List Attached)

Re: WELL PROPOSAL
Caza-Forehand Ranch 22-21 State #2H Well
Part of Sections 22 and 21, T23S-R27E
Eddy County, New Mexico

Ladies and Gentlemen:

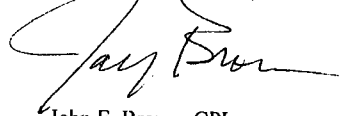
Caza Petroleum, LLC. ("Caza") has recently acquired the leasehold interest of Chevron USA, Inc. in the N/2 of Section 22 and all of Section 21, T23S-R27E, Eddy County, New Mexico. As Operator, Caza hereby proposes the drilling of the Caza-Forehand Ranch 22-21 State #2H well as a 9,250' total vertical depth, 19,220' measured depth horizontal Wolfcamp test from a surface location 1,480' FNL and 250' FEL of Section 22 to a bottom hole location 2,306' FNL and 330' FWL of Section 21. The proposed 640 acre unit will be comprised of the N/2 of Section 22 and the N/2 of Section 21. Caza's AFE dated May 28, 2018 is enclosed estimating the completed well cost of \$13,352,131.

Acknowledging the existing Operating Agreement in Section 21 for vertical wells, Caza respectfully requests that all working interest owners additionally execute the recently executed JOA between Caza and Chevron covering the N/2 of Section 22 and all of Section 21 for horizontal wells. The existing boreholes within this area will be excluded from the new JOA. A copy of the horizontal well JOA is enclosed.

If you agree to participate in the drilling of the Forehand Ranch 22-21 #2H well, please so indicate in the space provided below and return to Jeannie Roberts at jroberts@cazapetro.com an (1) executed copy of this letter, (2) the enclosed AFE and (3) the executed signature page of the horizontal JOA.

All operational questions should be addressed to Tony Sam, Caza Vice President of Operations at 832-381-3851 or tsam@cazapetro.com

Very truly yours,
CAZA-PETROLEUM, LLC



John E. Brown, CPL
Land Manager

I/We elect this _____ day of _____, 2018 as follows:

_____ Elect to participate in the drilling and completion of the Forehand Ranch 22-21 State #2H well

_____ Elect NOT to participate in the drilling and completion of the Forehand Ranch 22-21 State #2H well

ATTACHMENT C



**Caza
Petroleum**

AUTHORITY FOR EXPENDITURE
New Drilling, Recompletion & Re-Entry

AFE Number: 52069
AFE Date: 05/28/2018

Well Name	FHR North 22 21 State 2H	County/State	Eddy, New Mexico	New Drill	X	Old	
Location	Sect 22 T23S - R27E	Field	Purple Sage; Wolfcamp	Recompletion		Inject	
Size	1480'FNL 250'FEL Sec 22	Drill/Completion Depth	Wolfcamp Z	Re-Entry		Inject	
Size	2306'FNL 330'FEL Sec 21	Drill/Completion Depth	9,250'TVD -19,220'MD	Re-Entry	X	Inject	
Account Description	Code	Drilling/Completion	Code	Completion/Intertial		Total Cost	
Permits and Signs	1-01	\$10,364				\$10,364	
Damages	1-02	\$15,001	3-02	\$13,219		\$28,219	
Road/Pipeline Easement and ROW	1-03		3-08	\$1,332		\$1,332	
Location and Roads	1-04	\$141,426	3-75			\$141,426	
Pits and Liner	1-05	\$49,914	3-74			\$49,914	
Spill Clean up and Restoration	1-06		3-01				
Drilling Turnkey	1-07						
Drilling Footage	1-08						
Drilling Daywork	1-09	\$652,986	3-38			\$652,986	
Bits	1-10	\$87,455	3-80	\$4,230		\$91,685	
Transport Rig in and Out	1-11	\$175,545				\$175,545	
Well Testing Equipment/ Flowback			3-40	\$139,167		\$139,167	
Coring	1-12						
Mud Logging	1-14	\$29,867				\$29,867	
Overhead Engineering Planning/ Well	1-03	\$3,173	3-04			\$3,173	
Water	1-16	\$67,425	3-72	\$912,316		\$979,741	
Fuel	1-17	\$340,881	3-46	\$322,300		\$663,181	
Mud and Chemicals	1-18	\$322,538	3-71			\$322,538	
Pipe Inspection and Tests	1-19	\$28,146	3-59	\$9,584		\$37,729	
Rental Equipment	1-20	\$91,261	3-78	\$172,478		\$263,740	
Casing Crew Surface	1-21	\$8,291				\$8,291	
Welding	1-22	\$6,557	3-77	\$41,243		\$47,799	
Surface Hole Cement	1-23	\$69,425				\$69,425	
Directional Drilling	1-24	\$405,587				\$405,587	
Engineering Supervisor	1-26	\$27,935				\$27,935	
Geological Supervisors	1-26	\$11,104				\$11,104	
Insurance	1-27	\$15,010	3-87			\$15,010	
Consultants	1-28	\$125,707	3-82	\$45,684		\$171,391	
Miscellaneous	1-29	\$6,345	3-80			\$6,345	
Equipment Repairs	1-30		3-20				
Plugging	1-31		3-85				
Survey and Stake Location	1-32	\$3,627	3-83			\$3,627	
Cement Intermediate Casing	1-33	\$60,542				\$60,542	
Special Services	1-34		3-86				
Title Curative	1-35	\$16,900	3-34			\$16,900	
Wireline	1-36	\$15,499	3-43	\$427,230		\$442,729	
Contingency 10%	1-37	\$354,749	3-31	\$734,054		\$1,088,803	
Fishing Service	1-38		3-05				
Forklift	1-39	\$6,111	3-68	\$23,794		\$29,905	
Fishing Equipment	1-40		3-06				
OCD Hearings	1-41						
Title Opinion	1-42		3-36				
Whipstock Service	1-43		3-07				
Completion Unit			3-38	\$42,829		\$42,829	
Closed Loop System	1-46	\$78,966	3-09			\$78,966	
Unitization - Geological	1-46		3-10				
Unitization - Legal	1-47		3-11				
Man Lift, other rentals	1-48						
Casing Crew Intermediate	1-49	\$15,630				\$15,630	
Casing Crew Production	1-50	\$15,646	3-73			\$15,646	
Water Well	1-51						
Arch Survey	1-52		3-60				
Swab Unit/ Snubbing Unit			3-01	\$33,311		\$33,311	
Perforating	1-54		3-42				
BOPE Testing	1-55	\$14,276	3-66			\$14,276	
Contract Service and Equipment	1-56	\$19,838				\$19,838	
Telecommunications	1-54	\$8,730	3-82	\$5,816		\$14,546	
Repairs - Labor and Material	1-58		3-87				
Potable Water	1-60	\$15,713	3-08			\$15,713	
Roustabout Service	1-60		3-79	\$103,635		\$103,635	
Water Disposal	1-61		3-65	\$144,878		\$144,878	
Safety Equipment Rental	1-62		3-58				
Onsite Housing	1-63	\$22,697	3-68	\$6,345		\$29,042	
Waterline Rental	1-64		3-12	\$95,175		\$95,175	
Mud Disposal	1-65	\$82,003	3-13			\$82,003	
Downhole Rental Equipment	1-66		3-06	\$19,775		\$19,775	
Surface Rental Equipment	1-67	\$82,003	3-63	\$47,588		\$129,590	
Mud Cleaning Equipment (Centrifuge, Flocc)	1-68	\$137,475	3-14			\$137,475	
Cement Liner/Production Casing	1-68	\$121,475	3-37			\$121,475	
Transportation/ Trucking	1-70	\$35,955	3-83	\$12,690		\$48,645	
Abstract	1-71		3-33				
Light Towers - Generators - Trash Trailers	1-72	\$62,854	3-15	\$14,276		\$77,130	
Coil Tubing Unit			3-83				
Hydrotesting			3-86				
Reverse Unit			3-17				
Tubing Rental/ Repairs			3-18				
Pressure Control			3-19	\$69,795		\$69,795	
Crane or Mast Truck	1-44		3-79				
Cement Squeeze	1-43		3-10				
Laydown Truck	1-80		3-36				
Pumping Service	1-81		3-66				
Stimulation	1-88		3-45	\$4,335,750		\$4,335,750	
Addition			3-44				
Float Equipment	1-81	\$39,614	3-61			\$39,614	
Legal and Professional Service	1-82		3-82				
Chemicals and Treating			3-61	\$237,938		\$237,938	
Completion Fluids			3-62	\$58,163		\$58,163	
		\$3,902,242		\$8,074,593		\$11,976,835	

ATTACHMENT D



**Caza
Petroleum**

AUTHORITY FOR EXPENDITURE
New Drilling, Recompletion & Re-Entry

AFE Number: 52069
AFE Date: 05/28/18

Well Name	FHR North 22 21 State 2H	County/State	Eddy, New Mexico	New Drilling	x	Other	
Location	Sect 22 T23S - R27E	Field	Purple Sage; Wolfcamp	Recompletion		Gas	
SHF	1480'FNL 250'FEL Sec 22	Formation	Wolfcamp Z	Re-Entry		Injection	
TRM	2306'FNL 330'FWL Sec 21	Depth	9,250'TVD -19,220'MD	Base Completion	x	Exploration	

Tangibles Description	Code	Drilling Tangibles	Code	Completion Tangibles	Total Cost
Production Casing	2-31	\$304,877	4-68		\$304,877
Conductor	2-32				
Surface Casing	2-33	\$32,705			\$32,705
Intermediate Casing	2-34	\$314,247			\$314,247
Tubing			4-68	\$53,933	\$53,933
Well Head	2-36	\$28,024	4-63		\$28,024
Other Tangible Equipment	2-37				
Liner	2-40		4-80		
Packers/ Bridge Plugs	2-43		4-66	\$99,934	\$99,934
Whipstock	2-57		4-67		
Couplings and Fittings	2-81		4-69	\$195,638	\$195,638
Pumping Unit			4-61		
Treater			4-60	\$11,685	\$11,685
Tankage			4-65	\$185,063	\$185,063
Separator			4-66	\$11,685	\$11,685
Downhole Pump			4-63		
Gas Lift			4-66	\$10,681	\$10,681
Flare System			4-63		
Compressors			4-67	\$14,805	\$14,805
Miscellaneous			4-68	\$10,575	\$10,575
Meters and Controls			4-70	\$35,955	\$35,955
Contingency 5%	1-37	\$33,993	3-31	\$31,498	\$65,490
Total Drilling Tangibles		\$713,846		\$661,450	\$1,375,296
				Total Well Cost	\$13,352,131

Prepared By:	<i>Jonny B. Sam</i>	Date:	6-18-18
Company Approval:		Date:	
Land:			
COO:			
Acct:	<i>457</i>		
Pres.:	<i>457</i>		
Joint Owner Interest:		Amount:	
Joint Owner:		Joint Owner Approval:	

By execution of this AFE, the above signee is agreeing to be covered by the Operator's well control insurance and agreeing to the limits within and carrier of such insurance, neither of which is guaranteed as sufficient by Operator. In order to decline coverage by Operator's well control insurance, you must sign below and provide a Certificate of Insurance with waiver of subrogation prior to spud date and agree to hold Operator harmless for any loss to your interest not covered by your insurance or as otherwise set forth in Exhibit D of the Joint Operating Agreement.

Agree to decline coverage, provide proof, and hold harmless:

By: _____ Date: _____

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

**APPLICATION OF CAZA PETROLEUM, LLC
FOR COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO.**

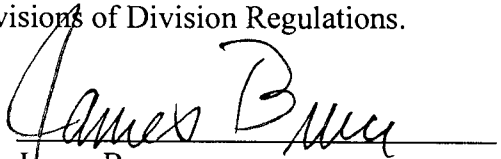
Case No. 16360

AFFIDAVIT OF NOTICE

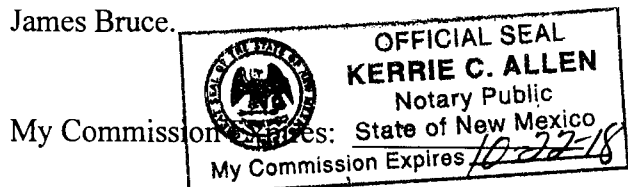
COUNTY OF SANTA FE)
) ss.
STATE OF NEW MEXICO)

James Bruce, being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Caza Petroleum, LLC.
3. Caza Petroleum, LLC has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owner, at its last known address, by certified mail. Copies of the notice letter and certified return receipt are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Regulations.


James Bruce

SUBSCRIBED AND SWORN TO before me this 5th day of September, 2018 by
James Bruce.



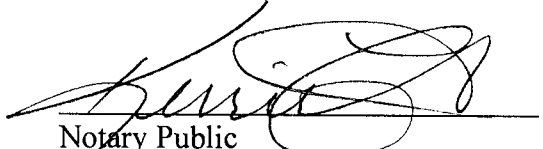

Notary Public

EXHIBIT 2

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

July 28, 2018

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

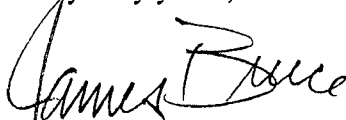
Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Caza Petroleum, LLC, regarding a Wolfcamp well the N½ of Section 22 and the N½ of Section 21, Township 23 South, Range 27 East, N.M.P.M., Eddy County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, August 23, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting the matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, August 16, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,


James Bruce

Attorney for Caza Petroleum, LLC

ATTACHMENT

A

Exhibit A

Roadrunner O&G, LLC
1401 Ballinger Street
Fort Worth, Texas 76102

Haycor, Inc.
15723 Hermitage Oaks Drive
Tomball, Texas 77375

Marathon Oil Permian, LLC
Attn: Matt Brown
5555 San Felipe
Room 3720
Houston, Texas 77056

Black Stone Energy Company
Attn: Luke Mildren
1001 Fannin, Suite 2020
Houston, Texas 77002

Poco Oil Company
13103 Holston Hills Drive
Houston, Texas 77069

Shyla Corporation
3101 Richmond Avenue, Suite 210
Houston, Texas 77098

Frederick W. Zimmerman, d/b/a Island Resources
6760 Portwest Drive
Houston, Texas 77024

Chevron USA Inc.
Attn: Kristin Hunter, Land Representative OBO
MCBU Land Dept.
6301 Deauville Blvd.
Midland, Texas 79706

MRC Explorers Resources, LLC
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240

MRC Spiral Resources, LLC
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240

Heyco Development Corporation
P. O. Box 1933
Roswell, New Mexico 88202-1933

Yates Energy Corporation
P. O. Box 2323
Roswell, New Mexico 88201

D. Van Matthew, MSU
2200 S. W. Freeway, Suite 500
Houston, Texas 77089

Harold Hees, MSU
P. O. Box 7638
Corpus Christi, Texas

Howard Lorch, MSU
2203 Chilton Road
Houston, Texas 77019

Tim Hogan, MSU
2 Michelle Lane
Warren, New Jersey 07059

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:

MRC Spiral Resources, LLC
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240



9590 9402 3866 8060 2327 34

2. Article Number (Transfer from carrier label)

7018 0360 0000 2188 0787

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

Domestic Return Receipt

C2

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☒ Agent
☐ Addressee

B. Received by (Printed Name)

Davidson

C. Date of Delivery

7/31/18

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

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

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 Postage and Fees

\$

Sent To

Roadrunner O&G, LLC

Street and Apt. No., or PO Box 1401 Ballinger Street

Fort Worth, Texas 76102

City, State, ZIP+4®

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

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

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

Total Postage and Fees

\$

Sent To

MRC Spiral Resources, LLC
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240

City, State, ZIP+4®

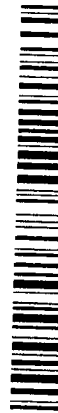
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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:

Roadrunner O&G, LLC
1401 Ballinger Street
Fort Worth, Texas 76102



9590 9402 3866 8060 2328 26

2. Article Number (Transfer from carrier label)

7018 0360 0000 2188 0886

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

C2

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. 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
 - ☐ 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

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:

Yates Energy Corporation
P. O. Box 2323
Roswell, New Mexico 88201



9590 9402 3866 8060 2327 10

Article 1 7018 0360 0000 2188 0831

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

See Reverse for Instructions

Domestic Return Receipt

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 \$
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 and Fees \$
Sent To Yates Energy Corporation
P. O. Box 2323
Roswell, New Mexico 88201
Street and Apt. No., or PO Box
City, State, ZIP+4®

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

See Reverse for Instructions

COMPLETE THIS SECTION ON DELIVERY

A. Signature [Signature] ☐ Agent ☐ Addressee
B. Received by (Printed Name) Wesley Eldridge
C. Date of Delivery JUL 31 2018
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
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery
Delivery (over \$500)

Domestic Return Receipt

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:

MRC Explorers Resources, LLC
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240



9590 9402 3866 8060 2327 41

2. Article No. 7018 0360 0000 2188 0794

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

(over \$500)

Domestic Return Receipt

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 \$
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 and Fees \$
Sent To MRC Explorers Resources, LLC
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240
Street and Apt. No., or PO Box
City, State, ZIP+4®

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

See Reverse for Instructions

COMPLETE THIS SECTION ON DELIVERY

A. Signature [Signature] ☐ Agent ☐ Addressee
B. Received by (Printed Name) Davidson C. Date of Delivery 7/31/18
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
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery
Delivery (over \$500)

Domestic Return Receipt

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

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

OFFICIAL USE

0220 8872 0000 0960 8702
21270

Certified Mail Fee \$
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 and Fees \$

Sent To Heyco Development Corporation
P. O. Box 1933
Roswell, New Mexico 88202-1933
Street and Apt. No., or PO Box
City, State, ZIP+4[®]

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

Postmark
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:

Chevron USA Inc.
Attn: Kristin Hunter, Land Representative 080
MCBU Land Dept.
6301 Deauville Blvd.
Midland, Texas 79706



9590 9402 3866 8060 2327 58

2. Article 7018 0360 0000 2188 0800 (over \$500)

3. Service Type
- ☐ Priority Mail Express[®]
 - ☐ Adult Signature
 - ☐ Adult Signature Restricted Delivery
 - ☐ Certified Mail[®]
 - ☐ Certified Mail Restricted Delivery
 - ☐ Collect on Delivery
 - ☐ Collect on Delivery 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

CZ

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 \$
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 \$

Postmark
Here

Total Postage and Fees \$
Chevron USA Inc.
Attn: Kristin Hunter, Land Representative 080
MCBU Land Dept.
6301 Deauville Blvd.
Midland, Texas 79706
Sent To
Street and Apt. No., or PO Box
City, State, ZIP+4[®]

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:

Heyco Development Corporation
P. O. Box 1933
Roswell, New Mexico 88202-1933



9590 9402 3866 8060 2327 27

2. Article Number (Transfer from earlier label)

7018 0360 0000 2188 0770 (over \$500)

COMPLETE THIS SECTION ON DELIVERY

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:

3. Service Type
- ☐ Adult Signature
 - ☐ Adult Signature Restricted Delivery
 - ☐ Certified Mail[®]
 - ☐ Certified Mail Restricted Delivery
 - ☐ Collect on Delivery
 - ☐ Priority Mail Express[®]
 - ☐ Registered Mail[™]
 - ☐ Registered Mail Restricted Delivery
 - ☐ Return Receipt for Merchandise
 - ☐ Signature Confirmation[™]
 - ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

CZ

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:

Shyla Corporation
3101 Richmond Avenue, Suite 210
Houston, Texas 77098



9590 9402 3866 8060 2327 72

2. Article Number (Transfer from service label)

7018 0360 0000 2188 0824

Insured Mail Restricted Delivery (over \$500)

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

Domestic Return Receipt

C7

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☒ Agent ☐ Addressee
- B. Received by (Printed Name) R. Blahut C. Date of Delivery 7-31-18
- D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
- ☐ Priority Mail Express®
 - ☐ Registered Mail™
 - ☐ Registered Mail Restricted Delivery
 - ☒ Certified Mail®
 - ☐ Return Receipt for Merchandise
 - ☐ Signature Confirmation™
 - ☐ Restricted Delivery

**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 \$
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 and Fees \$
Sent To \$

Postmark
Here

Shyla Corporation
3101 Richmond Avenue, Suite 210
Houston, Texas 77098

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

See Reverse for Instructions

**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 \$
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 and Fees \$

Postmark
Here

Sent To \$
Marathon Oil Permian, LLC
Attn: Matt Brown
Street and Apt. No., or PO 5555 San Felipe
Room 3720
City, State, ZIP+4* Houston, Texas 77056

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:

Marathon Oil Permian, LLC
Attn: Matt Brown
5555 San Felipe
Room 3720
Houston, Texas 77056



9590 9402 3866 8060 2328 02

2. Article Number (Transfer from service label)

7018 0360 0000 2188 0824

(over \$500)

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

Domestic Return Receipt

C7

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☒ Agent ☐ Addressee
- B. Received by (Printed Name) Richard Brown C. Date of Delivery 7/31/18
- D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
- ☐ Priority Mail Express®
 - ☐ Registered Mail™
 - ☐ Registered Mail Restricted Delivery
 - ☒ Certified Mail®
 - ☐ Return Receipt for Merchandise
 - ☐ Signature Confirmation™
 - ☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:

2. Article N 7018 0360 0000 2188 0817 (over \$500)

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

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 \$

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 and Fees \$

Sent To Black Stone Energy Company

Attn: Luke Mildren

Street and Apt. No., or P.O. Box 1001 Fannin, Suite 2020

City, State, ZIP+4® Houston, Texas 77002

See Reverse for Instructions

3. Service Type

Priority Mail Express®

Adult Signature

Adult Signature Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

1. Article Addressed to:

2. Article N 7018 0360 0000 2188 0817 (over \$500)

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

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 \$

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 and Fees \$

Sent To Frederick W. Zimmerman, d/b/a Island Resources

Attn: 6760 Portwest Drive

Street and Apt. No., or P.O. Box 6760 Portwest Drive

City, State, ZIP+4® Houston, Texas 77024

See Reverse for Instructions

3. Service Type

Priority Mail Express®

Adult Signature

Adult Signature Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

1. Article Addressed to:

2. Article N 7018 0360 0000 2188 0817 (over \$500)

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

5590 8812 0000 0960 8102

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 \$

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 and Fees \$

Sent To Black Stone Energy Company

Attn: Luke Mildren

Street and Apt. No., or P.O. Box 1001 Fannin, Suite 2020

City, State, ZIP+4® Houston, Texas 77002

See Reverse for Instructions

3. Service Type

Priority Mail Express®

Adult Signature

Adult Signature Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

1. Article Addressed to:

2. Article N 7018 0360 0000 2188 0817 (over \$500)

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

2180 8812 0000 0960 8102

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 \$

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 and Fees \$

Sent To Frederick W. Zimmerman, d/b/a Island Resources

Attn: 6760 Portwest Drive

Street and Apt. No., or P.O. Box 6760 Portwest Drive

City, State, ZIP+4® Houston, Texas 77024

See Reverse for Instructions

3. Service Type

Priority Mail Express®

Adult Signature

Adult Signature Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

1. Article Addressed to:

2. Article N 7018 0360 0000 2188 0817 (over \$500)

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

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:

2. Article N 7018 0360 0000 2188 0817 (over \$500)

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

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 \$

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 and Fees \$

Sent To Black Stone Energy Company

Attn: Luke Mildren

Street and Apt. No., or P.O. Box 1001 Fannin, Suite 2020

City, State, ZIP+4® Houston, Texas 77002

See Reverse for Instructions

3. Service Type

Priority Mail Express®

Adult Signature

Adult Signature Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

1. Article Addressed to:

2. Article N 7018 0360 0000 2188 0817 (over \$500)

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 No

3. Service Type

Priority Mail Express®

Adult Signature

Adult Signature Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

Domestic Return Receipt

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:

Haycor, Inc.
15723 Hermitage Oaks Drive
Tomball, Texas 77375



9590 9402 3866 8060 2328 19

2. Article Number **7018 0360 0000 2188**

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

COMPLETE THIS SECTION ON DELIVERY

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:

3. Service Type
- ☐ Priority Mail Express®
 - ☐ Registered Mail™
 - ☐ Adult Signature Restricted Delivery
 - ☐ Certified Mail®
 - ☐ Certified Mail Restricted Delivery
 - ☐ Return Receipt for Merchandise
 - ☐ Signature Confirmation™
 - ☐ Signature Confirmation Restricted Delivery

☐ Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

**U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee \$

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

Total Postage and Fees \$

Sent to Haycor, Inc.
15723 Hermitage Oaks Drive
Tomball, Texas 77375

City, State, ZIP+4®

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

**U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee \$

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 and Fees \$

Sent to Poco Oil Company
13103 Holston Hills Drive
Houston, Texas 77069

City, State, ZIP+4®

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:

Poco Oil Company
13103 Holston Hills Drive
Houston, Texas 77069



9590 9402 3866 8060 2327 89

2. Article Number **7018 0360 0000 2188**

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

COMPLETE THIS SECTION ON DELIVERY

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:

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

Domestic Return Receipt

7018 0360 0000 2188 0756

U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee	
\$	
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 Postage and Fees	
\$	

Sent To	Harold Hees, MSU
Street and Apt. No., or P.O. Box	P.O. Box 7638
City, State, ZIP+4®	Corpus Christi, Texas

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

7018 0360 0000 2188 0749

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Certified Mail Fee	
\$	
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 Postage and Fees	
\$	

Sent To	Howard Lorch, MSU
Street and Apt. No., or P.O. Box	2203 Chilton Road
City, State, ZIP+4®	Houston, Texas 77019

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

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OFFICIAL USE

Certified Mail Fee		
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 and Fees		
\$		
Sent To		
Tim Hogan, MSU		
2 Michelle Lane		
Street and Apt. No., or P.O. Box		
Warren, New Jersey 07059		
City, State, ZIP+4®		

Postmark
Here

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

2018 0360 0000 2188 0732

James Bruce
P.O. Box 1056
Santa Fe, New Mexico 87504

8/23

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

CERTIFIED MAIL®



7018 0360 0000 2188 0732

\$6.88⁰
US POSTAGE
FIRST-CLASS
071V00607931
87501
000108414

Tim Hogan, MSU
2 Michelle Lane
Warren, NJ 07059

076 DEL 0008/20/10
RETURN TO SENDER

0705900251 00

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	
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 and Fees	
\$	
Sent To	
D. Van Matthew, MSU	
2200 S. W. Freeway, Suite 500	
Houston, Texas 77089	
Street and Apt. No., or PO	
City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

Postmark
Here

7018 0360 0000 2188 0763

James Bruce
P.O. Box 1056
Santa Fe, New Mexico 87504

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL®



7018 0360 0000 2188 0763

\$6.88⁰
US POSTAGE
FIRST-CLASS
071V00607931
87501
000108412

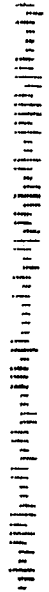
ANK
9808

D. Van Matthew, MSU
2200 S. W. Freeway, Suite 500
Houston, Texas 77089

1: 93081200930742

ANK

87504>1036
7709834766 0006



JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruce@aol.com

July 30, 2018

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Ed Martin
Oil, Gas and Minerals Division
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

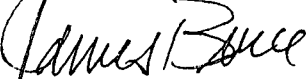
Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Caza Petroleum, LLC, regarding a Wolfcamp well in the N/2 of Section 22 and the N/2 of Section 21, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, August 23, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony.

No relief is sought against the Land Office by this application. Rather, this is a courtesy notice to keep you informed of activity on State of New Mexico Trust lands. Please contact me if you have any questions.

Very truly yours,



James Bruce

Attorney for Mewbourne Oil Company

7018 0360 0000 2188 0893

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SANTA FE, NM 87501

Certified Mail Fee \$3.45
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$0.00

Postage

Total Postage and Fees \$2.75

Sent To Oil, Gas and Minerals Division
Commissioner of Public Lands
Street and Apt. No., or P.O. Box 310 Old Santa Fe Trail
City, State, ZIP+4® Santa Fe, New Mexico 87501

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

USPS SANTA FE NM 87501
Postmark JUL 30 2018

SANTA FE NM 87501
JUL 30 2018

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:

Oil, Gas and Minerals Division
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501



9590 9402 3866 8060 2328 33

2. Article Number (Transfer from front)

7018 0360 0000 2188 0893

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

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

Delivery Restricted Delivery

Restricted Delivery (over \$500)

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

Ca 79

Domestic Return Receipt

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruce@aol.com

August 3, 2018

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

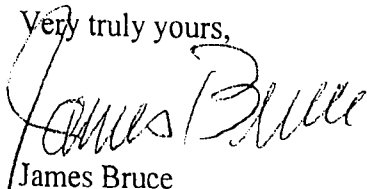
Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Caza Petroleum, LLC, regarding a Wolfcamp well the N½ of Section 22 and the N½ of Section 21, Township 23 South, Range 27 East, N.M.P.M., Eddy County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, August 23, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting the matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, August 16, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,



James Bruce

Attorney for Caza Petroleum, LLC

Exhibit A

COG Operating LLC
600 West Illinois
Midland, Texas 79701

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

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

Certified Mail Fee
 \$
 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 and Fees
 \$

Sent To **COG Operating LLC**
 600 West Illinois
 Midland, Texas 79701
 Street and Apt. No., or P.O. Box
 City, State, ZIP+4®

Postmark
 Here

PS Form 3800, April 2015 PSN 7530-02-000-8047

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:

COG Operating LLC
 600 West Illinois
 Midland, Texas 79701



9590 9402 3866 8060 2328 40

2. Article (Transfer from sender label)

7018 0360 0000 2188 0909

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

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

ted Delivery

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

Domestic Return Receipt

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruce@aol.com

August 13, 2018

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Matador Delaware Resources, LLC
Suite 1500
5400 LBJ Freeway
Dallas, Texas 75240

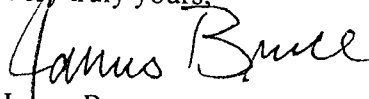
Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Caza Petroleum, LLC, regarding a Wolfcamp well the N½ of Section 22 and the N½ of Section 21, Township 23 South, Range 27 East, N.M.P.M., Eddy County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, September 6, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting the matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, August 30, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,


James Bruce

Attorney for Caza Petroleum, LLC

7018 0360 0000 2188 7076

U.S. Postal Service™
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Domestic Mail Only

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

OFFICIAL USE

Certified Mail Fee	\$
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 and Fees	\$

Sent To Matador Delaware Resources, LLC
Suite 1500
5400 LBJ Freeway
Dallas, Texas 75240
City, State, ZIP+4®

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

Postmark
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:

Matador Delaware Resources, LLC
Suite 1500
5400 LBJ Freeway
Dallas, Texas 75240



9590 9402 4079 8092 0246 34

2. Article

7018 0360 0000 2188 7076

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature X Erin Majok ☐ Agent ☐ Addressee

B. Received by (Printed Name) Erin Majok C. Date of Delivery 8/17/13

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

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 |

C939

Domestic Return Receipt

CARLSBAD CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

Ad No.
0001256465

JAMES BRUCE ATTORNEY AT LAW
PO BOX 1056

SANTA FE NM 87504

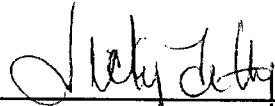
I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements 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:

07/31/18



Legal Clerk

Subscribed and sworn before me this
31st of July 2018.



State of WI, County of Brown
NOTARY PUBLIC

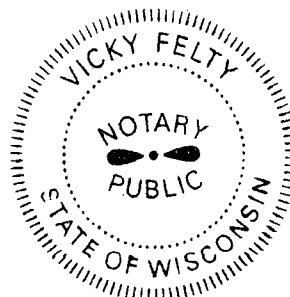
9/19/21

My Commission Expires

NOTICE

To: Roadrunner O&G, LLC, Marathon Oil Permian LLC, Haycor, Inc., Black Stone Energy Company, Poco Oil Company, Shyla Corporation, Frederick W. Zimmerman d/b/a Island Resources, Chevron U.S.A. Inc., MRC Explorers Resources, LLC, MRC Spiral Resources, LLC, HEYCO Development Corporation, Yates Energy Corporation, D. Van Matthew, Harold Hoes, Howard Lurch, and Tim Hogan, or your heirs, devisees, successors or assigns: Caza Petroleum, LLC has filed an application with the New Mexico Oil Conservation Division seeking an order pooling all mineral interests in the Wolf camp formation underlying the N/2 of Section 22 and the N/2 of Section 21, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico, comprising a 640-acre horizontal spacing unit in the Wolf camp formation. The unit will be dedicated to applicant's Forehand Ranch 22-21 State Well No. 2H, to be horizontally drilled from a surface location in the SE/4NE/4 of Section 22 to a last take point in the SW/4NW/4 of Section 21. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of Caza Operating, LLC as operator of the well, and a 200% charge for risk involved in drilling and completing the well. The application is scheduled to be heard at 8:15 a.m. on August 23, 2018 at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. As an interest owner in the well unit you have the right to enter an appearance and participate in the case. Failure to appear will preclude you from contesting this matter at a later date. The attorney for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504. The unit is located approximately 6-1/2 miles north-northwest of Black River Village, New Mexico.
July 31, 2018

EXHIBIT 3



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

**APPLICATION OF CAZA PETROLEUM, LLC
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case No. 16360

VERIFIED STATEMENT OF RICHARD CARROLL

Richard Carroll, being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum geologist.

2. I am a geologist for Caza Petroleum, LLC ("Caza"), and I am familiar with the geological matters involved in this case. I have been qualified by the Division as an expert petroleum geologist.

3. The following geological plats are attached hereto:

(a) Attachment A is a structure map of the Wolfcamp formation. It shows that structure dips gently to the east. It also shows Wolfcamp Sand and Wolfcamp Shale wells in the vicinity of the proposed Forehand Ranch 22-21 State Well No. 2H, and a line of cross-section.

(b) Attachment B is an isopach of the Wolfcamp A zone. The Wolfcamp A has consistent thickness across the well unit.

(c) Attachment C is a west-to-east cross section. The well logs on the cross-section give a representative sample of the Wolfcamp formation in this area. The target zone for the well is an upper Wolfcamp sand.

4. I conclude from the maps that:

(a) The horizontal spacing unit is justified from a geologic standpoint.

(b) The target Wolfcamp A zone is continuous across the well unit.

(c) Each quarter section in the unit will contribute more or less equally to production.

(d) There is no faulting or other geologic impediment which will affect the drilling of the subject well.

EXHIBIT 4

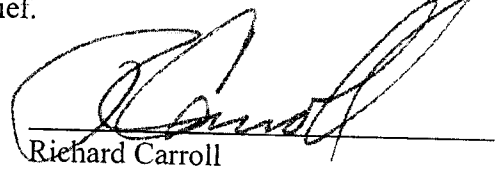
5. Other Wolfcamp wells drilled in this area are drilled with both standup and laydown units. Caza sees no difference in production whether wells are standup or laydown.

6. Attachment D is the proposed horizontal well plan. The producing interval of the well will be orthodox.

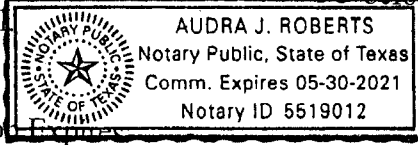
VERIFICATION

STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

Richard Carroll, being duly sworn upon his oath, deposes and states that: He is a geologist for Caza Petroleum, LLC; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.


Richard Carroll

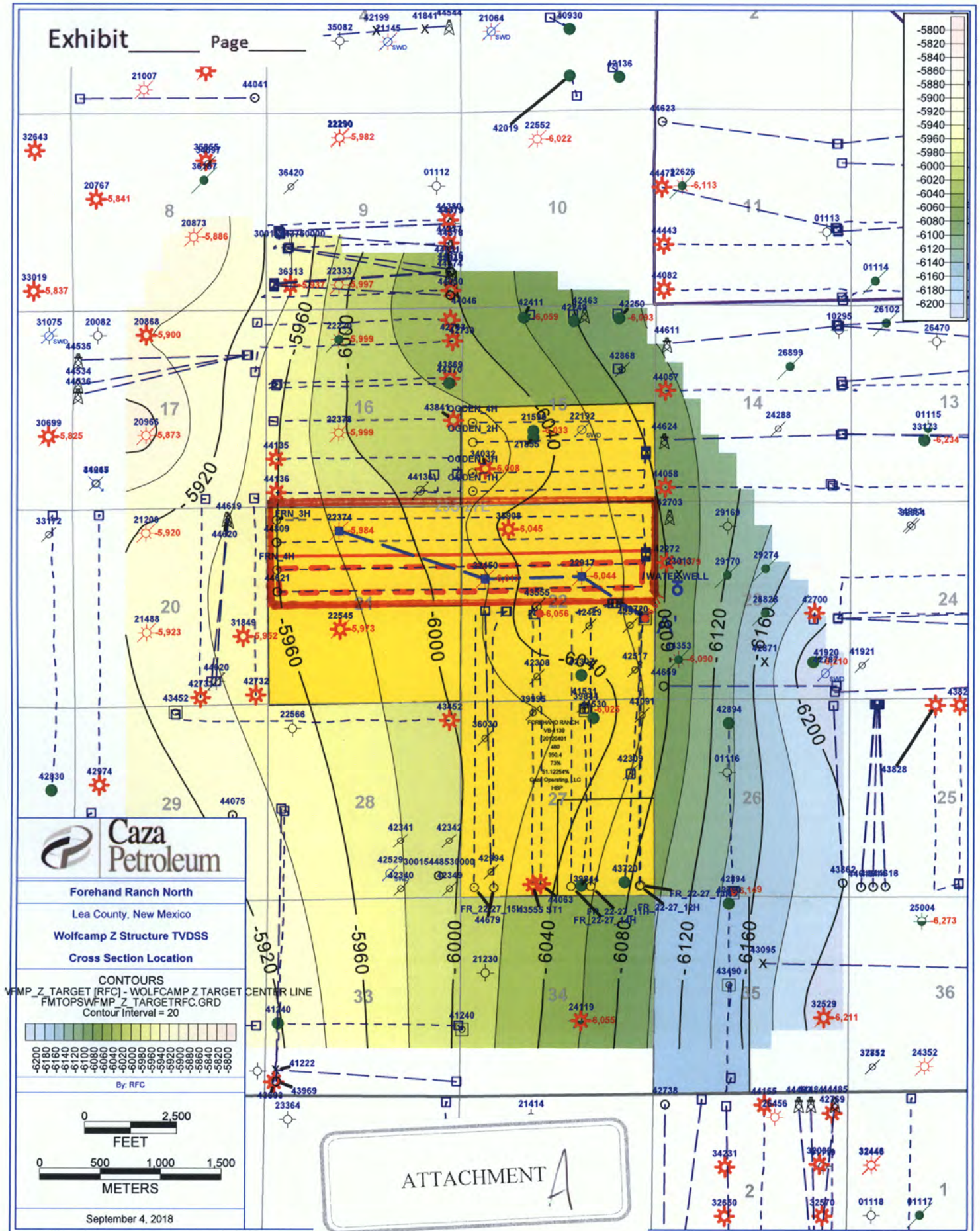
SUBSCRIBED AND SWORN TO before me this 5th day of September, 2018 by
Richard Carroll

My Commission Expires _____



Notary Public

Exhibit _____

Page _____



Forehand Ranch North

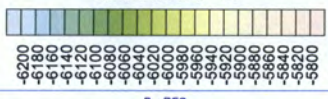
Lea County, New Mexico

Wolfcamp Z Structure TVDSS

Cross Section Location

CONTOURS

WMP_Z_TARGET (RFC) - WOLF CAMP Z TARGET
FM TOPSWMP_Z_TARGET RFC.GRD
Contour Interval = 20



By: RFC

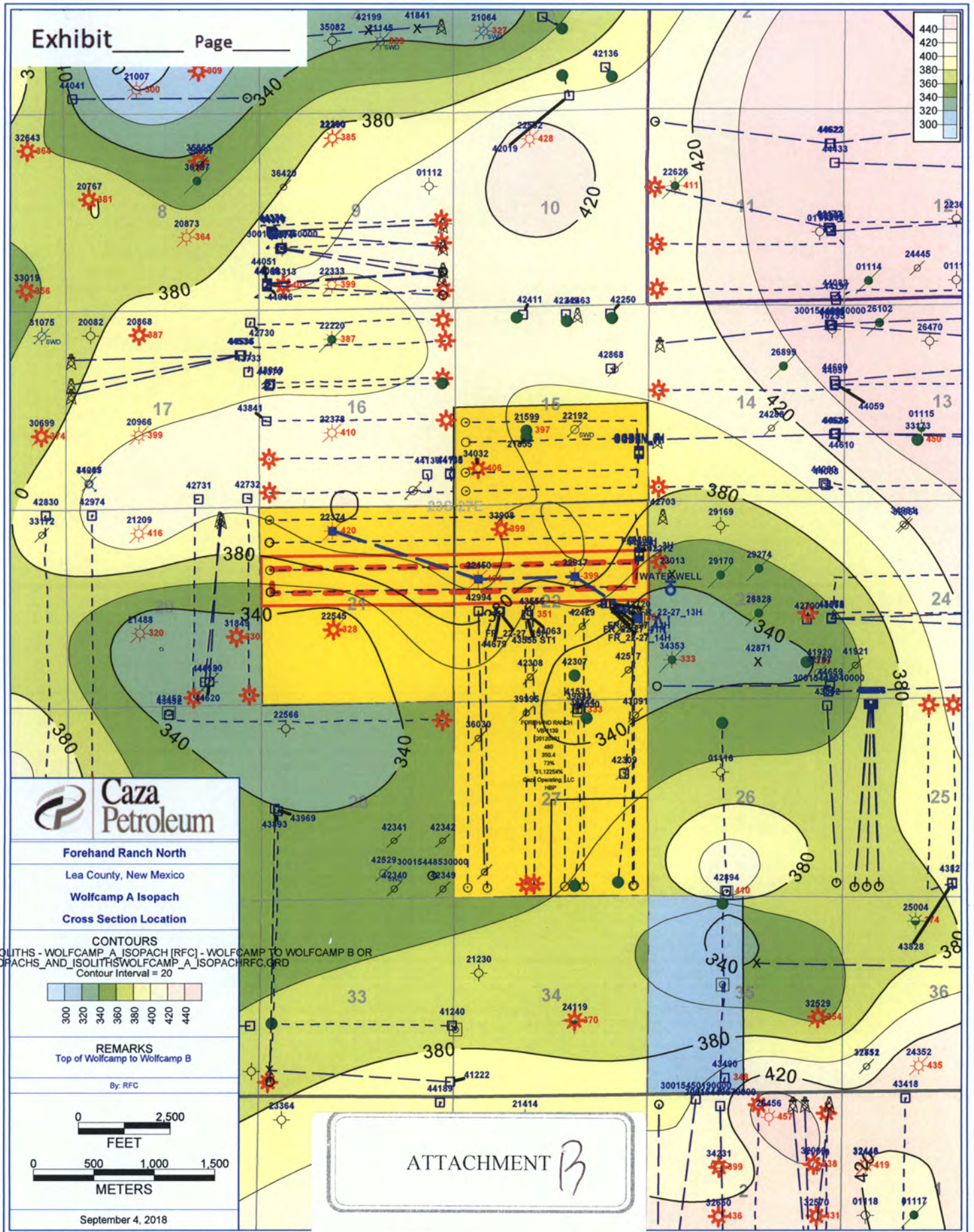


September 4, 2018

ATTACHMENT A

Exhibit _____

Page _____



Caza Petroleum

Forehand Ranch North

Lea County, New Mexico

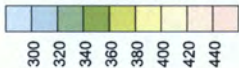
Wolfcamp A Isopach

Cross Section Location

CONTOURS

OUTLITS - WOLF CAMP A ISOPACH (RFC) - WOLF CAMP TO WOLF CAMP B OR
ISOPACHS AND ISOLITHS WOLF CAMP A ISOPACH RFC.ORD

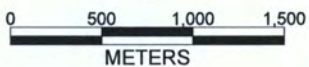
Contour Interval = 20



REMARKS

Top of Wolfcamp to Wolfcamp B

By: RFC



September 4, 2018

ATTACHMENT B

30015223740000

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TEXAS INDEPENDENT EXPLORATION INC
MOBIL 21 STATE

<4,170FT>

30015224500000

 **ELEV_KB : 3,164** <2,632FT>
YATES HARVEY E COMPANY
AMOCO STATE 22

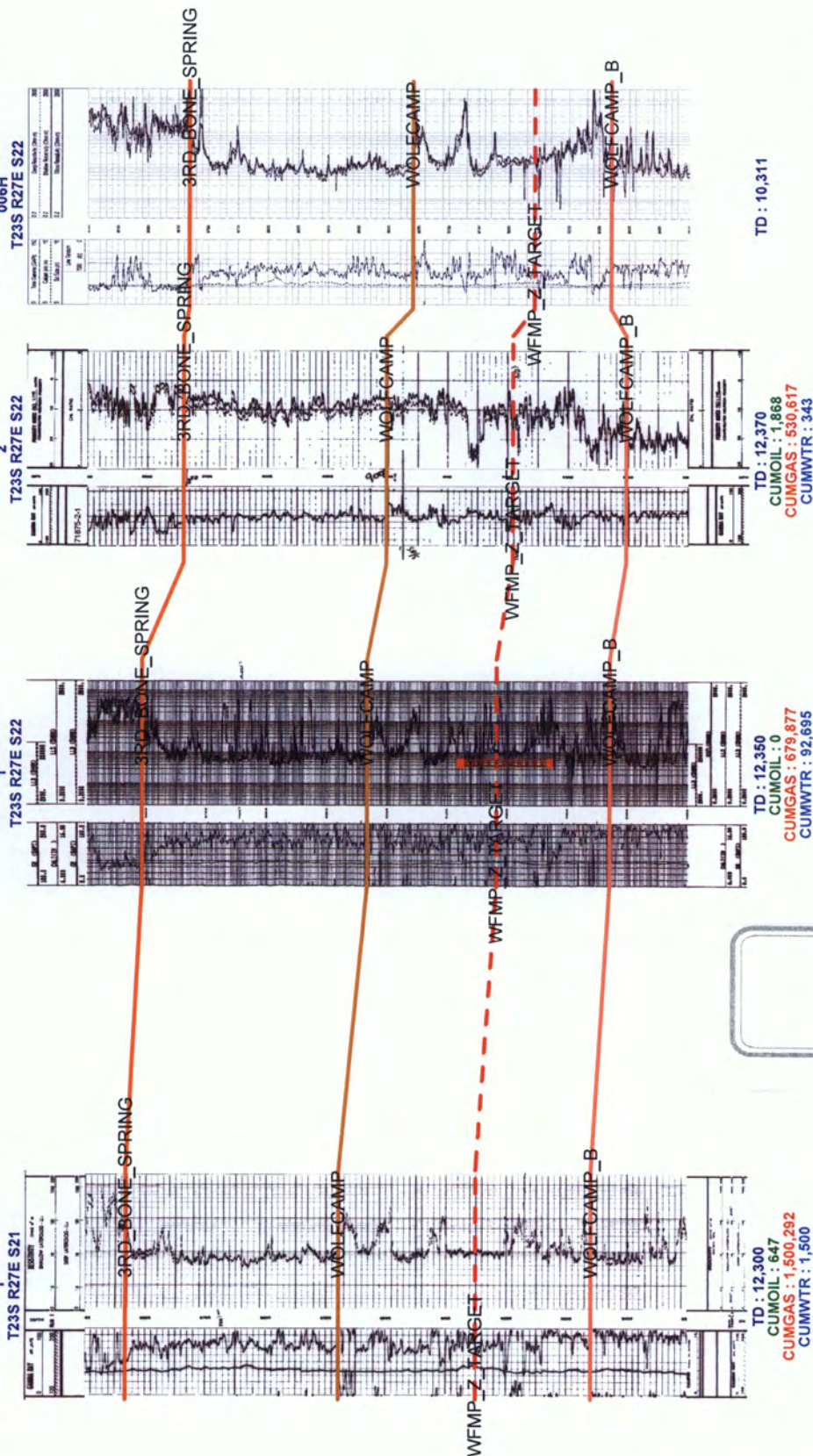
30015229170000

 ELEV_KB : 3-103
YATES HARVEY E COMPANY
AMOCO 22 STATE

A

30015437200000

CAZA OPERATING LLC
FOREHAND 22 FEDERAL COM
006H



ATTACHMENT

Caza
Petroleum

Forehand Ranch North

Eddy County, New Mexico

Xsection of the Wolfcamp Z Target

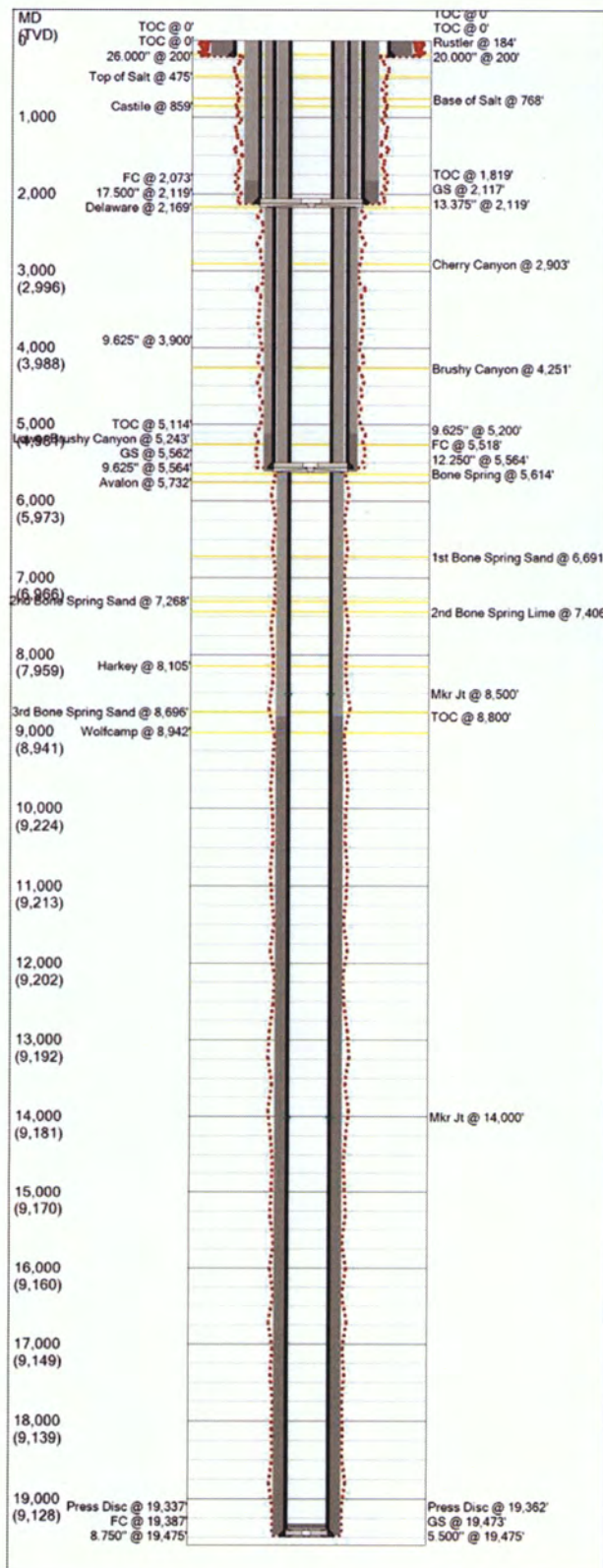
Horizontal Scale = 245.6
Vertical Scale = 50.0

Horizontal Scale = 245.6
Vertical Scale = 50.0
Vertical Exaggeration = 4.9x

By: RFC

September 4, 2018 2:08 PM

Exhibit	Page
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Last Updated: 9/1/2018 09:31 AM



Field Name		Lease Name		Well No.		
Forehand Ranch North		Forehand Ranch North 22-21 State Com		2H		
County		State		API No.		
Eddy		New Mexico		30015446210000		
Version	Version Tag					
1	Planned					
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey		
3,140.0	3,162.0	22	23S	27E		
Operator		Well Status	Latitude	Longitude		
Caza Operating		Planned	32.293911	-104.170287		
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		
1480	FNL	250	FEL	SECTION		
Prop Num		Spud Date	Comp. Date			
320546						
Additional Information						
OGRID	Pool Name and Code	Well Type	Dedicated Acres			
249099	Purple Sage, Wolfcamp (98220)					
Prepared By		Updated By	Last Updated			
Steve Morris		Steve Morris	9/1/2018 9:31 AM			
Hole Summary						
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments		
	26.000	0	200			
	17.500	200	2,119			
	12.250	2,119	5,564			
	8.750	5,564	19,475			
Tubular Summary						
Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Conductor Casing	20.000	94.00	H90	0	200
	Surface Casing	13.375	54.50	J55	0	2,119
	Intermediate Casing	9.625	40.00	J55	0	3,900
	Intermediate Casing	9.625	40.00	L80	3,900	5,200
	Intermediate Casing	9.625	40.00	HCL80	5,200	5,564
	Production Casing	5.500	20.00	P110	0	19,475
Casing Cement Summary						
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		160	20.000	0	200	
		1,522	13.375	0	1,819	100% Excess
		335	13.375	1,819	2,119	100% Excess
		1,715	9.625	0	5,114	100% Excess
		233	9.625	5,114	5,614	100% Excess
		2,645	5.500	0	8,800	75% Excess
		1,870	5.500	8,800	19,475	50% Excess
Tools/Problems Summary						
Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	
	FC	13.375	0.000	2,073	0	
	GS	13.375	0.000	2,117	0	
	FC	9.625	0.000	5,518	0	
	GS	9.625	0.000	5,562	0	
	Mkr Jt	5.500	0.000	8,500	8,521	

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Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	Mkr Jt	5,500	0.000	14,000	14,021
	Press Disc	5,500	0.000	19,337	0
	Press Disc	5,500	0.000	19,362	0
	FC	5,500	0.000	19,387	0
	GS	5,500	0.000	19,473	0

Formation Tops Summary

Formation	Top (TVD ft)	Comments
Rustler	184	
Top of Salt	475	
Base of Salt	768	
Castile	859	
Delaware	2,169	
Cherry Canyon	2,903	
Brushy Canyon	4,251	
Lower Brushy Canyon	5,243	
Bone Spring	5,614	
Avalon	5,732	
1st Bone Spring Sand	6,691	
2nd Bone Spring Sand	7,268	
2nd Bone Spring Lime	7,406	
Harkey	8,105	
3rd Bone Spring Sand	8,696	
Wolfcamp	8,942	

Last Updated: 9/1/2018 09:31 AM



Field Name		Lease Name		Well No.	County	State	API No.	
Forehand Ranch North		Forehand Ranch North 22-21 State Com		2H	Eddy	New Mexico	30015446210000	
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)
1	Planned						3,140.0	3,162.0
Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
22	23S	27E	1,480	FNL	250	FEL	SECTION	
Operator			Well Status		Latitude	Longitude	Prop Num	
Caza Operating			Planned		32.293911	-104.170287	320546	
OGRID		Pool Name and Code		Well Type		Dedicated Acres		
249099		Purple Sage; Wolfcamp (98220)						
Last Updated		Prepared By			Updated By			
09/01/2018 9:31 AM		Steve Morris			Steve Morris			
Additional Information								

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	200	
	17.500	200	2,119	
	12.250	2,119	5,564	
	8.750	5,564	19,475	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments
	Conductor Casing	5	20.000	94.00	H90		0	200	
	Surface Casing	51	13.375	54.50	J55	STC	0	2,119	
	Intermediate Casing	93	9.625	40.00	J55	LTC	0	3,900	
	Intermediate Casing	31	9.625	40.00	L80	LTC	3,900	5,200	
	Intermediate Casing	9	9.625	40.00	HCL80	LTC	5,200	5,564	
	Production Casing	471	5.500	20.00	P110	GBCD	0	19,475	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		160	1.33	213	20.000	0	200		
		1,522	1.66	2,527	13.375	0	1,819	ExtendaCem CZ 13.7ppg + 3lb/sk, Kol-Seal, 0.125 lb/sk Pol-E-Flake	100% Excess
		335	1.34	449	13.375	1,819	2,119	HalCem C 14.8ppg +1% CaCl2 94-97% Salt, 0.125 lb/sk Pol-E-Flake	100% Excess
		1,715	1.88	3,224	9.625	0	5,114	HalCem C 12.9ppg	100% Excess
		233	1.34	312	9.625	5,114	5,614	HalCem C 14.8ppg +1% CaCl2 94-97% Salt, 0.125 lb/sk Pol-E-Flake	100% Excess
		2,645	1.47	3,888	5.500	0	8,800	NeoCem PT 13.2ppg	75% Excess
		1,870	2.16	4,039	5.500	8,800	19,475	NeoCem AS 14.5ppg	50% Excess

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Float Collar	13.375	0.000	2,073	0		
	Guide Shoe	13.375	0.000	2,117	0		
	Float Collar	9.625	0.000	5,518	0		
	Guide Shoe	9.625	0.000	5,562	0		
	Marker Joint	5.500	0.000	8,500	8,521		
	Marker Joint	5.500	0.000	14,000	14,021		
	Pressure Disc	5.500	0.000	19,337	0		
	Pressure Disc	5.500	0.000	19,362	0		
	Float Collar	5.500	0.000	19,387	0		

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Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Guide Shoe	5.500	0.000	19,473	0		

Formation Top Summary

Formation Name	Top(TVD ft)	Comments
Rustler	184	
Top of Salt	475	
Base of Salt	768	
Castile	859	
Delaware	2,169	
Cherry Canyon	2,903	
Brushy Canyon	4,251	
Lower Brushy Canyon	5,243	
Bone Spring	5,614	
Avalon	5,732	
1st Bone Spring Sand	6,691	
2nd Bone Spring Sand	7,268	
2nd Bone Spring Lime	7,406	
Harkey	8,105	
3rd Bone Spring Sand	8,696	
Wolfcamp	8,942	



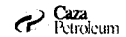
Last Updated: 9/1/2018 09:31 AM

Field Name		Lease Name		Well No.		County		State		API No.	
Forehand Ranch North		Forehand Ranch North 22-21 State Com		2H		Eddy		New Mexico		30015446210000	
Version		Version Tag		Spud Date		Comp. Date		G.L. (ft)		K.B. (ft)	
1		Planned						3,140.0		3,162.0	
Sec.		Township/Block		Range/Survey		Dist. N/S (ft)		N/S Line		E/W Line	
22		23S		27E		1480 FNL		250 FEL		Footage From	
Well Status		PropNum		Operator		Last Updated		Prepared By		Updated By	
Planned		320546		Caza Operating		9/1/2018 9:31:26 AM		Steve Morris		Steve Morris	
Additional Information											



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Field Name		Lease Name		Well No.	API No.	Version	Version Tag		
Forehand Ranch North		Forehand Ranch North 22-21 State Com		2H	30015446210000	1	Planned		
Section	Township/Block	Range/Survey		County		State		GL (ft)	KB (ft)
22	23S	27E		Eddy		New Mexico		3,140.0	3,162.0
Target N (-S) (ft)		Target E (-W) (ft)		Latitude		Longitude		Operator	Well Status
0		0		32.293911		-104.170287		Caza Operating	Planned
Additional Information									

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
2,300.0	0.0	0.0	2,300.0	0.0	0.0	0.0	0.00
2,400.0	3.5	162.0	2,399.9	-0.7	-2.9	0.9	3.50
2,500.0	7.0	162.0	2,499.5	-2.6	-11.6	3.8	3.50
2,600.0	7.0	162.0	2,598.8	-5.3	-23.2	7.5	0.00
2,700.0	7.0	162.0	2,698.0	-7.9	-34.8	11.3	0.00
2,800.0	7.0	162.0	2,797.3	-10.5	-46.4	15.1	0.00
2,900.0	7.0	162.0	2,896.5	-13.2	-58.0	18.8	0.00
3,000.0	7.0	162.0	2,995.8	-15.8	-69.6	22.6	0.00
3,100.0	7.0	162.0	3,095.0	-18.4	-81.1	26.4	0.00
3,200.0	7.0	162.0	3,194.3	-21.1	-92.7	30.1	0.00
3,300.0	7.0	162.0	3,293.5	-23.7	-104.3	33.9	0.00
3,400.0	7.0	162.0	3,392.8	-26.3	-115.9	37.7	0.00
3,500.0	7.0	162.0	3,492.0	-29.0	-127.5	41.4	0.00
3,600.0	7.0	162.0	3,591.3	-31.6	-139.1	45.2	0.00
3,700.0	7.0	162.0	3,690.6	-34.3	-150.7	49.0	0.00
3,800.0	7.0	162.0	3,789.8	-36.9	-162.3	52.7	0.00
3,900.0	7.0	162.0	3,889.1	-39.5	-173.9	56.5	0.00
4,000.0	7.0	162.0	3,988.3	-42.2	-185.5	60.3	0.00
4,100.0	7.0	162.0	4,087.6	-44.8	-197.1	64.0	0.00
4,200.0	7.0	162.0	4,186.8	-47.4	-208.6	67.8	0.00
4,300.0	7.0	162.0	4,286.1	-50.1	-220.2	71.6	0.00
4,400.0	7.0	162.0	4,385.3	-52.7	-231.8	75.3	0.00
4,500.0	7.0	162.0	4,484.6	-55.3	-243.4	79.1	0.00
4,600.0	7.0	162.0	4,583.8	-58.0	-255.0	82.9	0.00
4,700.0	7.0	162.0	4,683.1	-60.6	-266.6	86.6	0.00
4,800.0	7.0	162.0	4,782.4	-63.2	-278.2	90.4	0.00
4,900.0	7.0	162.0	4,881.6	-65.9	-289.8	94.2	0.00
5,000.0	7.0	162.0	4,980.9	-68.5	-301.4	97.9	0.00
5,100.0	7.0	162.0	5,080.1	-71.1	-313.0	101.7	0.00
5,200.0	7.0	162.0	5,179.4	-73.8	-324.5	105.5	0.00
5,300.0	7.0	162.0	5,278.6	-76.4	-336.1	109.2	0.00
5,400.0	7.0	162.0	5,377.9	-79.0	-347.7	113.0	0.00
5,500.0	7.0	162.0	5,477.1	-81.7	-359.3	116.7	0.00
5,600.0	7.0	162.0	5,576.4	-84.3	-370.9	120.5	0.00
5,700.0	7.0	162.0	5,675.6	-86.9	-382.5	124.3	0.00
5,800.0	7.0	162.0	5,774.9	-89.6	-394.1	128.0	0.00
5,900.0	7.0	162.0	5,874.1	-92.2	-405.7	131.8	0.00
6,000.0	7.0	162.0	5,973.4	-94.9	-417.3	135.6	0.00
6,100.0	7.0	162.0	6,072.7	-97.5	-428.9	139.3	0.00
6,200.0	7.0	162.0	6,171.9	-100.1	-440.5	143.1	0.00
6,300.0	7.0	162.0	6,271.2	-102.8	-452.0	146.9	0.00
6,400.0	7.0	162.0	6,370.4	-105.4	-463.6	150.6	0.00
6,500.0	7.0	162.0	6,469.7	-108.0	-475.2	154.4	0.00
6,600.0	7.0	162.0	6,568.9	-110.7	-486.8	158.2	0.00
6,700.0	7.0	162.0	6,668.2	-113.3	-498.4	161.9	0.00
6,800.0	7.0	162.0	6,767.4	-115.9	-510.0	165.7	0.00
6,900.0	7.0	162.0	6,866.7	-118.6	-521.6	169.5	0.00
7,000.0	7.0	162.0	6,965.9	-121.2	-533.2	173.2	0.00
7,100.0	7.0	162.0	7,065.2	-123.8	-544.8	177.0	0.00
7,200.0	7.0	162.0	7,164.5	-126.5	-556.4	180.8	0.00
7,300.0	7.0	162.0	7,263.7	-129.1	-567.9	184.5	0.00
7,400.0	7.0	162.0	7,363.0	-131.7	-579.5	188.3	0.00

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
7,500.0	7.0	162.0	7,462.2	-134.4	-591.1	192.1	0.00
7,600.0	7.0	162.0	7,561.5	-137.0	-602.7	195.8	0.00
7,700.0	7.0	162.0	7,660.7	-139.6	-614.3	199.6	0.00
7,800.0	7.0	162.0	7,760.0	-142.3	-625.9	203.4	0.00
7,900.0	7.0	162.0	7,859.2	-144.9	-637.5	207.1	0.00
8,000.0	7.0	162.0	7,958.5	-147.5	-649.1	210.9	0.00
8,100.0	7.0	162.0	8,057.7	-150.2	-660.7	214.7	0.00
8,200.0	7.0	162.0	8,157.0	-152.8	-672.3	218.4	0.00
8,300.0	7.0	162.0	8,256.3	-155.4	-683.8	222.2	0.00
8,400.0	7.0	162.0	8,355.5	-158.1	-695.4	226.0	0.00
8,500.0	7.0	162.0	8,454.8	-160.7	-707.0	229.7	0.00
8,600.0	7.0	162.0	8,554.0	-163.4	-718.6	233.5	0.00
8,700.0	7.0	162.0	8,653.3	-166.0	-730.2	237.3	0.00
8,800.0	9.3	207.6	8,752.4	-165.2	-742.6	237.6	6.67
8,900.0	18.5	236.0	8,849.5	-146.8	-758.9	220.7	11.15
9,000.0	28.4	249.1	8,941.1	-109.8	-776.8	185.3	11.12
9,100.0	38.2	258.9	9,024.6	-55.9	-791.6	132.6	11.17
9,200.0	48.3	265.8	9,097.3	12.4	-800.3	64.8	11.20
9,300.0	59.3	268.0	9,156.4	92.8	-803.7	-15.6	11.07
9,400.0	70.6	268.6	9,198.7	183.0	-806.6	-106.0	11.37
9,500.0	81.9	269.0	9,222.4	279.7	-808.4	-203.0	11.23
9,600.0	90.6	269.0	9,227.9	379.2	-810.1	-302.7	8.75
9,700.0	90.6	269.0	9,226.9	478.8	-811.9	-402.7	0.00
9,800.0	90.6	269.0	9,225.8	578.5	-813.6	-502.7	0.00
9,900.0	90.6	269.0	9,224.7	678.2	-815.3	-602.6	0.00
10,000.0	90.6	269.0	9,223.7	777.9	-817.1	-702.6	0.00
10,100.0	90.6	269.0	9,222.6	877.6	-818.8	-802.6	0.00
10,200.0	90.6	269.0	9,221.5	977.3	-820.6	-902.6	0.00
10,300.0	90.6	269.0	9,220.5	1,077.0	-822.3	-1,002.6	0.00
10,400.0	90.6	269.0	9,219.4	1,176.6	-824.1	-1,102.5	0.00
10,500.0	90.6	269.0	9,218.4	1,276.3	-825.8	-1,202.5	0.00
10,600.0	90.6	269.0	9,217.3	1,376.0	-827.6	-1,302.5	0.00
10,700.0	90.6	269.0	9,216.2	1,475.7	-829.3	-1,402.5	0.00
10,800.0	90.6	269.0	9,215.2	1,575.4	-831.1	-1,502.5	0.00
10,900.0	90.6	269.0	9,214.1	1,675.1	-832.8	-1,602.4	0.00
11,000.0	90.6	269.0	9,213.0	1,774.7	-834.5	-1,702.4	0.00
11,100.0	90.6	269.0	9,212.0	1,874.4	-836.3	-1,802.4	0.00
11,200.0	90.6	269.0	9,210.9	1,974.1	-838.0	-1,902.4	0.00
11,300.0	90.6	269.0	9,209.8	2,073.8	-839.8	-2,002.4	0.00
11,400.0	90.6	269.0	9,208.8	2,173.5	-841.5	-2,102.3	0.00
11,500.0	90.6	269.0	9,207.7	2,273.2	-843.3	-2,202.3	0.00
11,600.0	90.6	269.0	9,206.6	2,372.8	-845.0	-2,302.3	0.00
11,700.0	90.6	269.0	9,205.6	2,472.5	-846.8	-2,402.3	0.00
11,800.0	90.6	269.0	9,204.5	2,572.2	-848.5	-2,502.2	0.00
11,900.0	90.6	269.0	9,203.4	2,671.9	-850.2	-2,602.2	0.00
12,000.0	90.6	269.0	9,202.4	2,771.6	-852.0	-2,702.2	0.00
12,100.0	90.6	269.0	9,201.3	2,871.3	-853.7	-2,802.2	0.00
12,200.0	90.6	269.0	9,200.3	2,970.9	-855.5	-2,902.2	0.00
12,300.0	90.6	269.0	9,199.2	3,070.6	-857.2	-3,002.1	0.00
12,400.0	90.6	269.0	9,198.1	3,170.3	-859.0	-3,102.1	0.00
12,500.0	90.6	269.0	9,197.1	3,270.0	-860.7	-3,202.1	0.00
12,600.0	90.6	269.0	9,196.0	3,369.7	-862.5	-3,302.1	0.00
12,700.0	90.6	269.0	9,194.9	3,469.4	-864.2	-3,402.1	0.00
12,800.0	90.6	269.0	9,193.9	3,569.0	-866.0	-3,502.0	0.00
12,900.0	90.6	269.0	9,192.8	3,668.7	-867.7	-3,602.0	0.00
13,000.0	90.6	269.0	9,191.7	3,768.4	-869.4	-3,702.0	0.00
13,100.0	90.6	269.0	9,190.7	3,868.1	-871.2	-3,802.0	0.00
13,200.0	90.6	269.0	9,189.6	3,967.8	-872.9	-3,902.0	0.00
13,300.0	90.6	269.0	9,188.5	4,067.5	-874.7	-4,001.9	0.00
13,400.0	90.6	269.0	9,187.5	4,167.2	-876.4	-4,101.9	0.00
13,500.0	90.6	269.0	9,186.4	4,266.8	-878.2	-4,201.9	0.00
13,600.0	90.6	269.0	9,185.4	4,366.5	-879.9	-4,301.9	0.00
13,700.0	90.6	269.0	9,184.3	4,466.2	-881.7	-4,401.8	0.00
13,800.0	90.6	269.0	9,183.2	4,565.9	-883.4	-4,501.8	0.00
13,900.0	90.6	269.0	9,182.2	4,665.6	-885.2	-4,601.8	0.00
14,000.0	90.6	269.0	9,181.1	4,765.3	-886.9	-4,701.8	0.00

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
14,100.0	90.6	269.0	9,180.0	4,864.9	-888.6	-4,801.8	0.00
14,200.0	90.6	269.0	9,179.0	4,964.6	-890.4	-4,901.7	0.00
14,300.0	90.6	269.0	9,177.9	5,064.3	-892.1	-5,001.7	0.00
14,400.0	90.6	269.0	9,176.8	5,164.0	-893.9	-5,101.7	0.00
14,500.0	90.6	269.0	9,175.8	5,263.7	-895.6	-5,201.7	0.00
14,600.0	90.6	269.0	9,174.7	5,363.4	-897.4	-5,301.7	0.00
14,700.0	90.6	269.0	9,173.6	5,463.0	-899.1	-5,401.6	0.00
14,800.0	90.6	269.0	9,172.6	5,562.7	-900.9	-5,501.6	0.00
14,900.0	90.6	269.0	9,171.5	5,662.4	-902.6	-5,601.6	0.00
15,000.0	90.6	269.0	9,170.4	5,762.1	-904.3	-5,701.6	0.00
15,100.0	90.6	269.0	9,169.4	5,861.8	-906.1	-5,801.6	0.00
15,200.0	90.6	269.0	9,168.3	5,961.5	-907.8	-5,901.5	0.00
15,300.0	90.6	269.0	9,167.3	6,061.1	-909.6	-6,001.5	0.00
15,400.0	90.6	269.0	9,166.2	6,160.8	-911.3	-6,101.5	0.00
15,500.0	90.6	269.0	9,165.1	6,260.5	-913.1	-6,201.5	0.00
15,600.0	90.6	269.0	9,164.1	6,360.2	-914.8	-6,301.4	0.00
15,700.0	90.6	269.0	9,163.0	6,459.9	-916.6	-6,401.4	0.00
15,800.0	90.6	269.0	9,161.9	6,559.6	-918.3	-6,501.4	0.00
15,900.0	90.6	269.0	9,160.9	6,659.2	-920.1	-6,601.4	0.00
16,000.0	90.6	269.0	9,159.8	6,758.9	-921.8	-6,701.4	0.00
16,100.0	90.6	269.0	9,158.7	6,858.6	-923.5	-6,801.3	0.00
16,200.0	90.6	269.0	9,157.7	6,958.3	-925.3	-6,901.3	0.00
16,300.0	90.6	269.0	9,156.6	7,058.0	-927.0	-7,001.3	0.00
16,400.0	90.6	269.0	9,155.5	7,157.7	-928.8	-7,101.3	0.00
16,500.0	90.6	269.0	9,154.5	7,257.4	-930.5	-7,201.3	0.00
16,600.0	90.6	269.0	9,153.4	7,357.0	-932.3	-7,301.2	0.00
16,700.0	90.6	269.0	9,152.3	7,456.7	-934.0	-7,401.2	0.00
16,800.0	90.6	269.0	9,151.3	7,556.4	-935.8	-7,501.2	0.00
16,900.0	90.6	269.0	9,150.2	7,656.1	-937.5	-7,601.2	0.00
17,000.0	90.6	269.0	9,149.2	7,755.8	-939.3	-7,701.2	0.00
17,100.0	90.6	269.0	9,148.1	7,855.5	-941.0	-7,801.1	0.00
17,200.0	90.6	269.0	9,147.0	7,955.1	-942.7	-7,901.1	0.00
17,300.0	90.6	269.0	9,146.0	8,054.8	-944.5	-8,001.1	0.00
17,400.0	90.6	269.0	9,144.9	8,154.5	-946.2	-8,101.1	0.00
17,500.0	90.6	269.0	9,143.8	8,254.2	-948.0	-8,201.0	0.00
17,600.0	90.6	269.0	9,142.8	8,353.9	-949.7	-8,301.0	0.00
17,700.0	90.6	269.0	9,141.7	8,453.6	-951.5	-8,401.0	0.00
17,800.0	90.6	269.0	9,140.6	8,553.2	-953.2	-8,501.0	0.00
17,900.0	90.6	269.0	9,139.6	8,652.9	-955.0	-8,601.0	0.00
18,000.0	90.6	269.0	9,138.5	8,752.6	-956.7	-8,700.9	0.00
18,100.0	90.6	269.0	9,137.4	8,852.3	-958.4	-8,800.9	0.00
18,200.0	90.6	269.0	9,136.4	8,952.0	-960.2	-8,900.9	0.00
18,300.0	90.6	269.0	9,135.3	9,051.7	-961.9	-9,000.9	0.00
18,400.0	90.6	269.0	9,134.2	9,151.3	-963.7	-9,100.9	0.00
18,500.0	90.6	269.0	9,133.2	9,251.0	-965.4	-9,200.8	0.00
18,600.0	90.6	269.0	9,132.1	9,350.7	-967.2	-9,300.8	0.00
18,700.0	90.6	269.0	9,131.1	9,450.4	-968.9	-9,400.8	0.00
18,800.0	90.6	269.0	9,130.0	9,550.1	-970.7	-9,500.8	0.00
18,900.0	90.6	269.0	9,128.9	9,649.8	-972.4	-9,600.8	0.00
19,000.0	90.6	269.0	9,127.9	9,749.4	-974.2	-9,700.7	0.00
19,100.0	90.6	269.0	9,126.8	9,849.1	-975.9	-9,800.7	0.00
19,200.0	90.6	269.0	9,125.7	9,948.8	-977.6	-9,900.7	0.00
19,300.0	90.6	269.0	9,124.7	10,048.5	-979.4	-10,000.7	0.00
19,400.0	90.6	269.0	9,123.6	10,148.2	-981.1	-10,100.7	0.00
19,475.0	90.6	269.0	9,122.8	10,223.0	-982.4	-10,175.7	0.00