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MEWBOURNE OIL COMPANY

CASE NO. 21001

Exhibit 1: Landman's Affidavit

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Exhibit 4: Publication Notice

Exhibit 5: Pooling Checklist

**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 MEWBOURNE OIL COMPANY
COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.**

Case No. 21001

VERIFIED STATEMENT OF ADRIANA SALGADO

Adriana Salgado, being duly sworn upon her oath, deposes and states:

1. I am a Landman for Mewbourne Oil Company ("Mewbourne") and have personal knowledge of the matters stated herein. I have worked as an associate landman for two years and a landman for a year. I hold a Bachelor of Arts Degree in Humanities from the University of Texas of the Permian Basin. I have 4 years of land work experience with Apache Corporation, prior to working at Mewbourne Oil Company. Collectively, I have 9 years of land work experience.

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 Bone Spring formation horizontal spacing unit described below, and in wells 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 failed or refused to voluntarily commit their interests to the well. All interest owners have been located.

(c) A plat outlining the unit being pooled is attached hereto as Exhibit 1. Mewbourne seeks an order approving a 240.00-acre horizontal spacing unit in the Bone Spring formation comprised of the N2N2 of Section 36 and the N2NE of Section 35, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico. The unit will be dedicated to the Easy Company 36/35 B3AB Federal Com #1H. There are no depth severances in the Bone Spring Formation.

(d) The parties being pooled and their interests are set forth in Exhibit 2. Their current and correct addresses are also set forth.

EXHIBIT

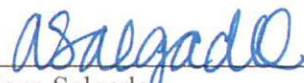
1

- (e) Exhibit 3 contains a summary of contacts with the interest owners, together with copies of the proposal letters sent to them and delivery receipts for each.
- (f) In order to locate the interest owners, Mewbourne examined the county records, performed internet searches, checked telephone records, and searched pertinent computer searches.
- (g) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well.
- (h) Mewbourne has the right to pool the overriding royalty owners in the well unit.
- (i) Exhibit 4 is the Authorization for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable, and is comparable to the costs of other wells of similar depth and length drilled in this area Eddy County.
- (j) Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/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. Mewbourne requests that these rates be adjusted periodically as provided in the standard COPAS. Accounting Procedure.
- (k) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (l) Applicant requests that it be designated operator of the well.
- (m) The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.
- (n) The granting of this application is in the interests of conservation and the prevention of waste.

VERIFICATION

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

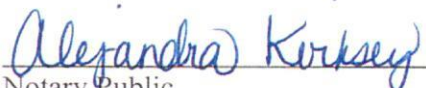
Adriana Salgado, being duly sworn upon his oath, deposes and states that: She is a landman for Mewbourne Oil Company; she is authorized to make this verification on its behalf; she has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of her knowledge, information, and belief.



Adriana Salgado

SUBSCRIBED AND SWORN TO before me this 9th day of December, 2019 by Adriana Salgado.

My Commission Expires: January 11, 2022



Notary Public

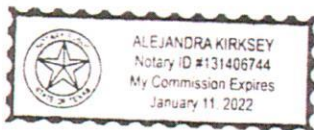
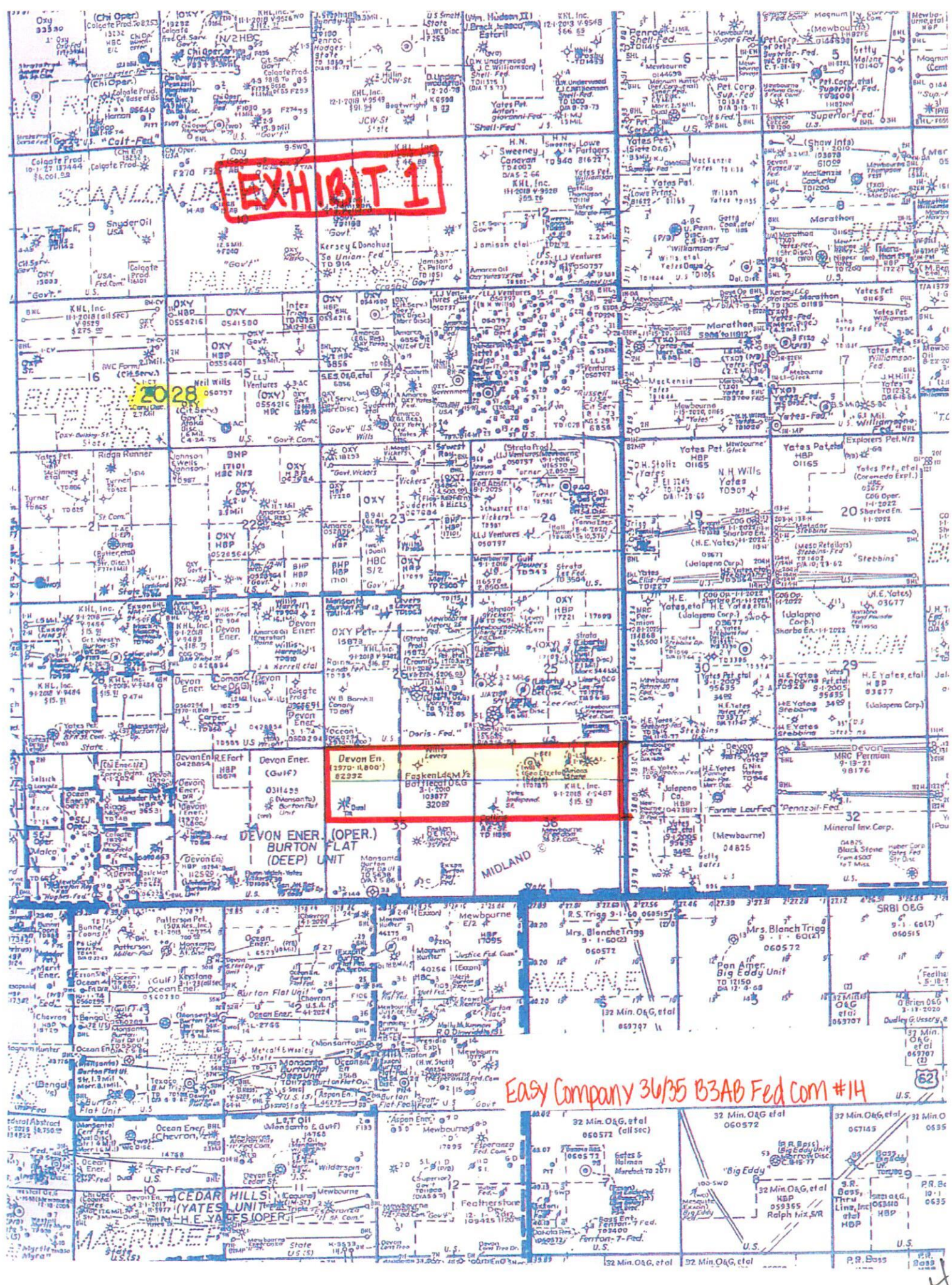


EXHIBIT 1



Easy Company 3u/35 B3AB Fed com #14

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 3713	³ Pool Name Avalon; Bone Spring East
⁴ Property Code	⁵ Property Name EASY COMPANY 36/35 B3AB FED COM	
⁷ GRID NO.	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 3237'

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
H	36	20S	28E		1400	NORTH	435	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	35	20S	28E		440	NORTH	2551	EAST	EDDY

¹² Dedicated Acres 240	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16 CORNER DATA NAD 83 GRID - NM EAST GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 557854.6 - E: 605799.7 LAT: 32.5334268° N LONG: 104.1241629° W BOTTOM HOLE N: 558795.6 - E: 598381.1 LAT: 32.5360511° N LONG: 104.1482298° W FOUND BRASS CAP "1942" A: N: 553929.4 - E: 595619.2 B: N: 556579.1 - E: 595625.7 C: N: 559229.0 - E: 595632.4 D: N: 559235.4 - E: 598282.6 E: N: 559240.0 - E: 600933.9 F: N: 559246.2 - E: 603591.0 G: N: 559255.8 - E: 606249.5 H: N: 556598.0 - E: 606221.2 I: N: 553945.7 - E: 606194.2 J: N: 553940.5 - E: 603551.0 K: N: 553936.8 - E: 600906.8 L: N: 553931.6 - E: 598264.1 M: N: 556587.4 - E: 600920.6	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name _____ E-mail Address _____ 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 07-02-2019 Date of Survey Signature and Seal of Professional Surveyor _____ 19680 Certificate Number ROBERT M. HOWETT PROFESSIONAL SURVEYOR NEW MEXICO 19680
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RRC-Job No: LS19070729

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EXHIBIT 2

TRACT OWNERSHIP

Easy Company 36/35 B3AB Fed Com #1H
NE of Section 35 & N2 of Section 36,
Township 20 South, Range 28 East
Eddy County, New Mexico

	<u>% Leasehold Interest</u>
Mewbourne Oil Company, et al 500 West Texas, Ste. 1020 Midland, Texas 79701	20.833330%
*EOG Y Resources, Inc. 5509 Champions Drive Midland, Texas 79706	26.250000%
Fasken Land and Minerals, Ltd. 6101 Holiday Hill Road Midland, Texas 79707	22.117530%
*CM Resources, LLC 303 W. Wall St., Suite 700 Midland, Texas 79701	8.333330%
*MRC Permian Company 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240	4.166670%
*EOG A Resources, Inc. 5509 Champions Drive Midland, Texas 79706	3.750000%
*EOG M Resources, Inc. 5509 Champions Drive Midland, Texas 79706	3.750000%
OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, Texas 77046-0521	3.750000%
*CL&F Resources LP 16945 Northchase Drive, Suite 1500 Houston, Texas 77060-2153	2.257470%

Prospector LLC P.O. Box 429 Roswell, New Mexico 88202	1.416670%
Featherstone Development Corporation P.O. Box 429 Roswell, New Mexico 88202	1.333330%
Big Three Energy Group P.O. Box 429 Roswell, New Mexico 88202	0.750000%
Parrot Head Properties P.O. Box 429 Roswell, New Mexico 88202	0.666670%
The Ninety-Six Corporation 550 W. Texas, Suite 700 Midland, Texas 79701	0.625000%
Total	100.00000%

***Total interest being pooled: 48.50747%**

EXHIBIT 3

Summary of Communications

Easy Company 36/35W0AB Fed Com #1H

Easy Company 36/35 B3AB Fed Com #1H

Easy Company 36/35 B3HG Fed Com #1H

Company Name: EOG Y Resources, Inc., EOG A Resources, Inc. & EOG M Resources, Inc.		
Date:	Communicated with:	Comments/Actions:
3/20/19	Chuck Moran	Mailed well proposals via certified mail.
3/25/19		Certified Mail receipt showed successful delivery at 7:32 AM
10/30/19	Chris Leyendecker	EOG was sent an email notifying them of the name change of the proposed wells from Liberty to Easy Company.

Company Name: MRC Permian Company		
Date:	Communicated with:	Comments/Actions:
3/20/19	Nick Weeks	Mailed well proposals via certified mail.
3/25/19		Certified Mail receipt showed successful delivery at 11:12 AM
4/4/19	Nick Weeks	Mail JOA proposal via certified mail.
4/10/19		Certified Mail receipt showed successful delivery at 10:56 AM
10/30/19	Nick Weeks	MRC Permian was sent an email notifying them of the name change of the proposed wells from Liberty to Easy Company.

Company Name: CM Resources, LLC		
Date:	Communicated with:	Comments/Actions:
3/20/19	Land Manager	Mailed well proposals via certified mail to Chisholm Energy Agent, Inc., the original owner of this WI.
3/27/19		Certified Mail receipt showed successful delivery at 2:49 PM
4/4/19	Land Manager	Mail JOA proposal via certified mail.
4/10/19		Certified Mail receipt showed successful delivery at 3:11 PM
10/30/19	Mark Hajdik	CM Resources was sent an email notifying them of the name change of the proposed wells from Liberty to Easy Company.
11/5/19	Mark Hajdik	I sent Mark at Colgate (CM Energy) a copy of the proposed JOA that was originally sent to Chisholm Energy Agent.

Company Name: CL&F Resources LP		
Date:	Communicated with:	Comments/Actions:
3/20/19	Land Manager	Mailed well proposals via certified mail.
3/25/19		Certified Mail receipt showed successful delivery at 2:09 PM
3/26/19	Allison G. Johnson	Allison emailed Josh Anderson, who originally proposed these wells, to confirm receipt of proposals and to ask some follow-up questions. He responded to her that same day with answers.
4/4/19	Land Manager	Mail JOA proposal via certified mail.
4/10/19		Certified Mail receipt showed successful delivery at 1:07 PM
6/6/19	Allison G. Johnson	Allison emailed Josh Anderson regarding JOA negotiations. Josh responded to her on 7/22/19 with a copy of the edits she requested.

10/30/19	Allison G. Johnson	CL&F Resources was sent an email notifying them of the name change of the proposed wells from Liberty to Easy Company. She responded with questions on the estimated spud date of wells and I responded back with answers on 11/1/19.
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MEWBOURNE OIL COMPANY

500 WEST TEXAS AVENUE, SUITE 1020
MIDLAND, TEXAS 79701-4279

TELEPHONE (432) 682-3715

March 20, 2019

Via Certified Mail

EOG M Resources, Inc.
5509 Champions Drive
Midland, Texas 79706
Attn: Chuck Moran

Re: Liberty "36/35" B3AB Fed Com No. 1H
1400' FNL & 205' FWL (SL) (Sec. 31-T20S-R29E)
440' FNL & 2540' FEL (BHL) (Sec. 35)
Section 36/35, T20S, R28E
Eddy County, New Mexico

Chuck:

Mewbourne Oil Company ("Mewbourne") hereby proposes to drill the captioned well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,000 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 17,020 feet. The N/2N/2 of the captioned Section 36 and the N/2NE/4 captioned Section 35 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling is our AFE dated February 24, 2019 for the captioned proposed well. In the event your firm elects to participate in the proposed well, please execute the enclosed AFE and return to me within thirty (30) days. If you decide to participate, I will forward the Joint Operating Agreement for your execution.

Should you have any questions regarding the above, please email me at janderson@mewbourne.com or call me at (432) 682-3715.

Sincerely,

MEWBOURNE OIL COMPANY



Josh Anderson
Landman

EXHIBIT 4**MEWBORNE OIL COMPANY**
AUTHORIZATION FOR EXPENDITURE

Well Name: Easy Company 36/35 B3AB Fed Com #1H Prospect: Bone Spring
Location: SL: 1400' FNL & 205' FWL(31); BHL: 440' FNL & 2540' FEL (35) County: Eddy ST: NM
Sec. 36/35 Blk: Survey: TWP: 20S RNG: 28E Prop. TVD: 9000 TMD: 17020

INTANGIBLE COSTS 0180

	CODE	TCP	CODE	CC
Regulatory Permits & Surveys	0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation	0180-0105	\$70,000	0180-0205	\$25,000
Location / Restoration	0180-0106	\$200,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling 25 days drlg / 3 days comp @ \$18,500/d	0180-0110	\$494,000	0180-0210	\$59,300
Fuel 1700 gal/day @ 2.74/gal	0180-0114	\$144,300	0180-0214	\$300,000
Mud, Chemical & Additives	0180-0120	\$200,000	0180-0220	
Horizontal Drillout Services			0180-0222	\$250,000
Cementing	0180-0125	\$125,000	0180-0225	\$30,000
Logging & Wireline Services	0180-0130	\$2,500	0180-0230	\$205,000
Casing / Tubing / Snubbing Service	0180-0134	\$20,000	0180-0234	\$90,000
Mud Logging	0180-0137	\$30,000		
Stimulation 39 Stg 15.0 MM gal / 15.0 MM lb			0180-0241	\$1,900,000
Stimulation Rentals & Other			0180-0242	\$180,000
Water & Other	0180-0145	\$60,000	0180-0245	\$450,000
Bits	0180-0148	\$100,000	0180-0248	\$8,000
Inspection & Repair Services	0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254	\$10,000
Testing & Flowback Services	0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig			0180-0260	\$10,500
Rig Mobilization	0180-0164	\$120,000		
Transportation	0180-0165	\$30,000	0180-0265	\$20,000
Welding Services	0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision	0180-0170	\$40,500	0180-0270	\$28,500
Directional Services Includes Vertical Control	0180-0175	\$231,000		
Equipment Rental	0180-0180	\$208,300	0180-0280	\$30,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$5,300	0180-0285	
Intangible Supplies	0180-0188	\$8,000	0180-0288	\$10,000
Damages	0180-0190	\$5,000	0180-0290	
ROW & Easements	0180-0192		0180-0292	\$5,000
Pipeline Interconnect			0180-0293	
Company Supervision	0180-0195	\$129,600	0180-0295	\$91,200
Overhead Fixed Rate	0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment	0180-0198		0180-0298	
Contingencies 2% (TCP) 2% (CC)	0180-0199	\$46,400	0180-0299	\$76,100
TOTAL		\$2,364,900		\$3,878,600

TANGIBLE COSTS 0181

Casing (19.1" - 30") 350' - 20" 94# J-55 BT&C @ \$79.04/ft	0181-0793	\$29,600		
Casing (10.1" - 19.0") 1400' - 13 3/8" 54.5# J-55 ST&C @ \$42.99/ft	0181-0794	\$64,300		
Casing (8.1" - 10.0") 3200' - 9 5/8" 40# L80 LT&C @ \$34.65/ft	0181-0795	\$118,500		
Casing (6.1" - 8.0") 9265' - 7" 29# HCP-110 LT&C @ \$26.99/ft	0181-0796	\$267,100		
Casing (4.1" - 6.0") 8000' - 4 1/2" 13.5# P-110 BPN @ \$14.94/ft			0181-0797	\$127,700
Tubing 8425' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.74/ft			0181-0798	\$51,700
Drilling Head	0181-0860	\$40,000		
Tubing Head & Upper Section			0181-0870	\$30,000
Horizontal Completion Tools Completion Liner Hanger			0181-0871	\$75,000
Sucker Rods			0181-0875	
Subsurface Equipment			0181-0880	
Artificial Lift Systems Gas Lift Valves & Packer			0181-0884	\$25,000
Pumping Unit			0181-0885	
Surface Pumps & Prime Movers VRU/SWD Pump/Circ Pump			0181-0886	\$30,000
Tanks - Oil 2 - 750 bbl			0181-0890	\$38,000
Tanks - Water 2 - 750 bbl coated			0181-0891	\$48,000
Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k#			0181-0895	\$45,000
Heater Treaters, Line Heaters 8'x20'x75# HT			0181-0897	\$35,000
Metering Equipment			0181-0898	\$14,000
Line Pipe & Valves - Gathering			0181-0900	\$50,000
Fittings / Valves & Accessories			0181-0905	\$80,000
Cathodic Protection			0181-0908	\$8,000
Electrical Installation			0181-0909	\$100,000
Equipment Installation			0181-0910	\$70,000
Pipeline Construction			0181-0920	\$50,000
TOTAL		\$519,500		\$877,400
SUBTOTAL		\$2,884,400		\$4,756,000
TOTAL WELL COST				\$7,640,400

Extra Expense Insurance

- ☐ I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.
Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.
- ☐ I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: T. Cude Date: 2/24/2019

Company Approval: _____ Date: _____

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____

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

APPLICATION OF MEWBOURNE OIL COMPANY
FOR A NON-STANDARD OIL SPACING AND
PRORATION UNIT AND COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.

Case No. 21000
21001
21002

VERIFIED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND)
) ss.
STATE OF TEXAS)

Charles Crosby, 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 a geologist for Mewbourne Oil Company ("Mewbourne"), 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 Top of the Wolfcamp Formation. It shows that the structure dips gently to the East-Southeast.
 - (b) Attachment B is a gross sand isopach of the 3rd Bone Spring Sand, the test zone for the Easy Company 36-35 B3AB Fed Com 1H and the Easy Company B3HG Fed Com 1H. It shows that the sand across the well unit has a uniform thickness of approximately 400-450 feet.
 - (c) Attachment C is a gross sand isopach of the Wolfcamp Sand, the test zone for the Easy Company 36-35 W0AB Fed Com 1H. It shows that the sand across the well unit has a uniform thickness of approximately 70-85 feet.
 - (d) Attachment D is a west-east cross section. The well logs on the cross-section give a representative sample of the 3rd Bone Spring Sand and the Wolfcamp Sand in this area. The target zone for the Easy Company 36-35 B3AB Fed Com 1H and the Easy Company 36-35 B3HG Fed Com 1H is the Lower 3rd Bone Spring Sand. The target zone for the Easy Company 36-35 W0AB Fed Com 1H is the Wolfcamp Y Sand. The two zones are continuous across the well unit. The two Lower 3rd BSPG

EXHIBIT

2

Sand wells and the sole Wolfcamp Sand well are situated to enhance recovery from both zones. The attached plat shows a map view of proposed development.

4. I conclude from the maps that:

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

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

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

5. Attachment E contains information from other horizontal wells drilled in this area. Production for wells with similar completions and similar time online seems to show a preference for laydown orientation, and the completed wells in the area (recent completions) are apparently commercial.

6. Attachment F is the Survey Calculation Report for the proposed wells. The producing interval of the proposed wells will be orthodox.



Charles Crosby

VERIFICATION

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Charles Crosby, being duly sworn upon his oath, deposes and states that: He is a geologist for Mewbourne Oil Company; 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.

CS

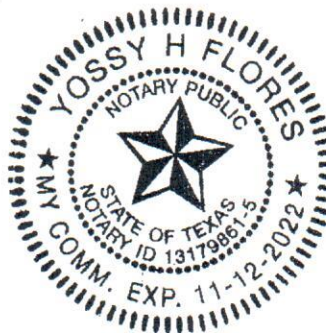
Charles Crosby

SUBSCRIBED AND SWORN TO before me this 30th day of December, 2019 by Charles Crosby.

My Commission Expires: 11-12-2022

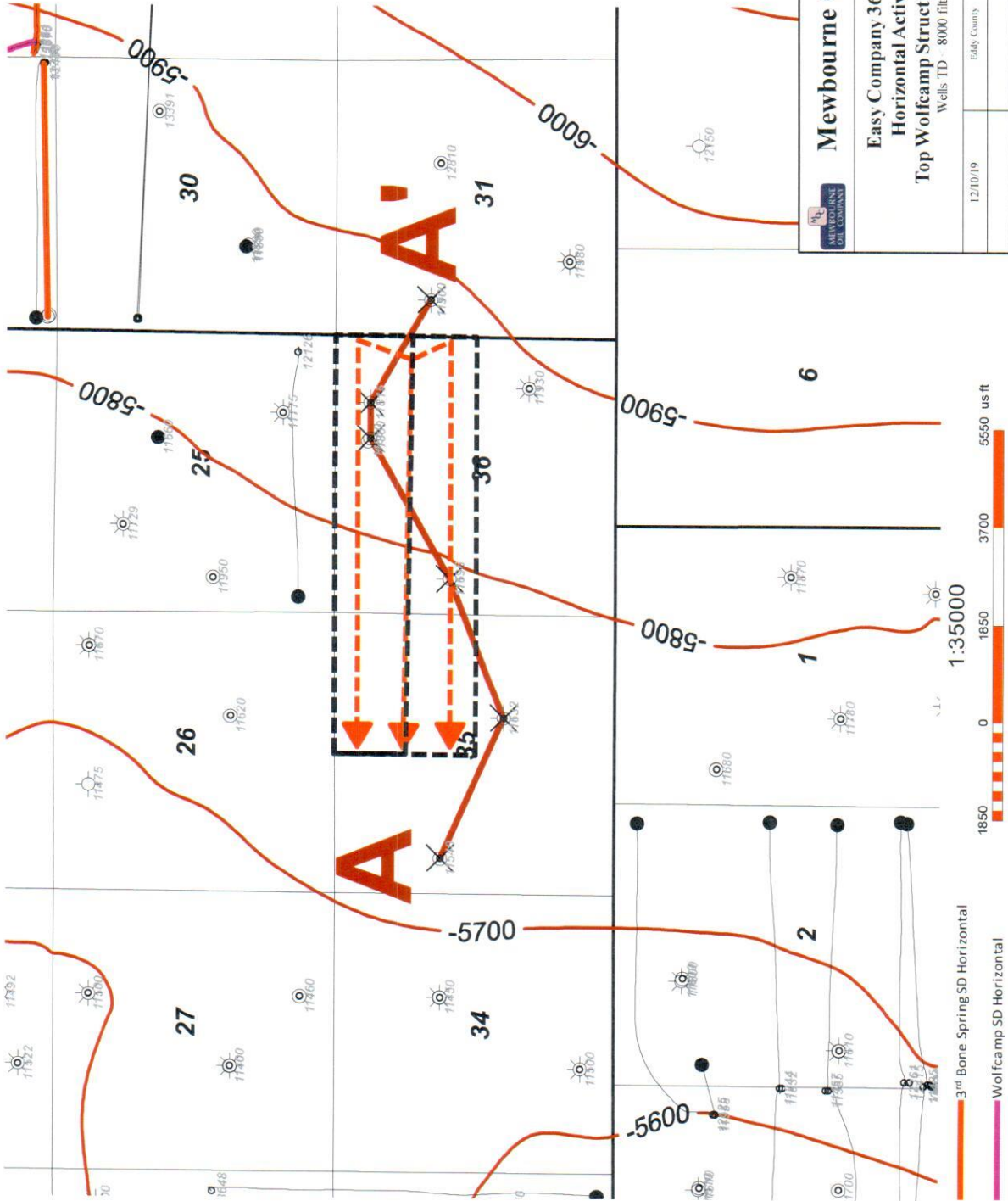
YHF

Notary Public



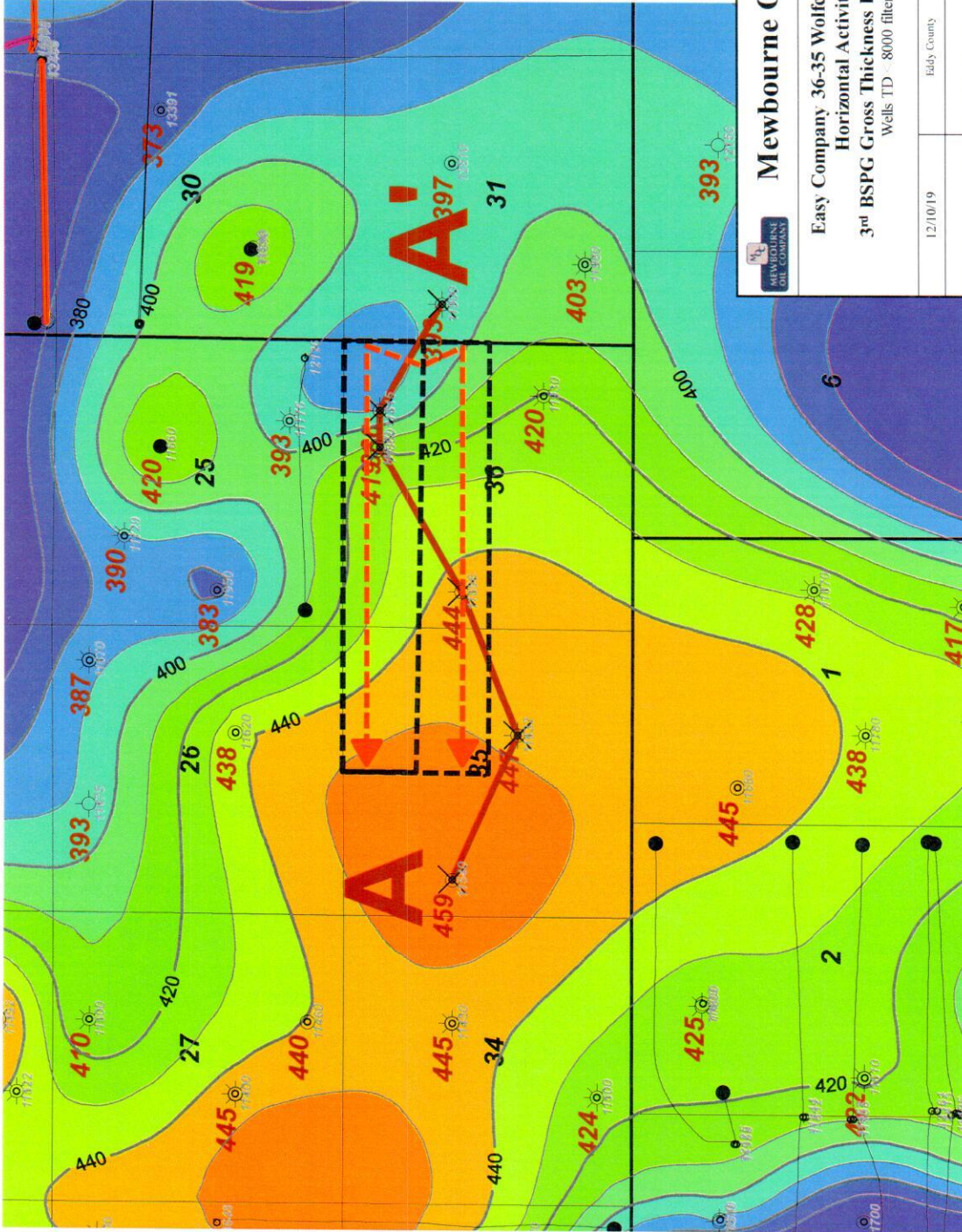
ATTACHMENT

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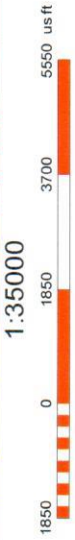


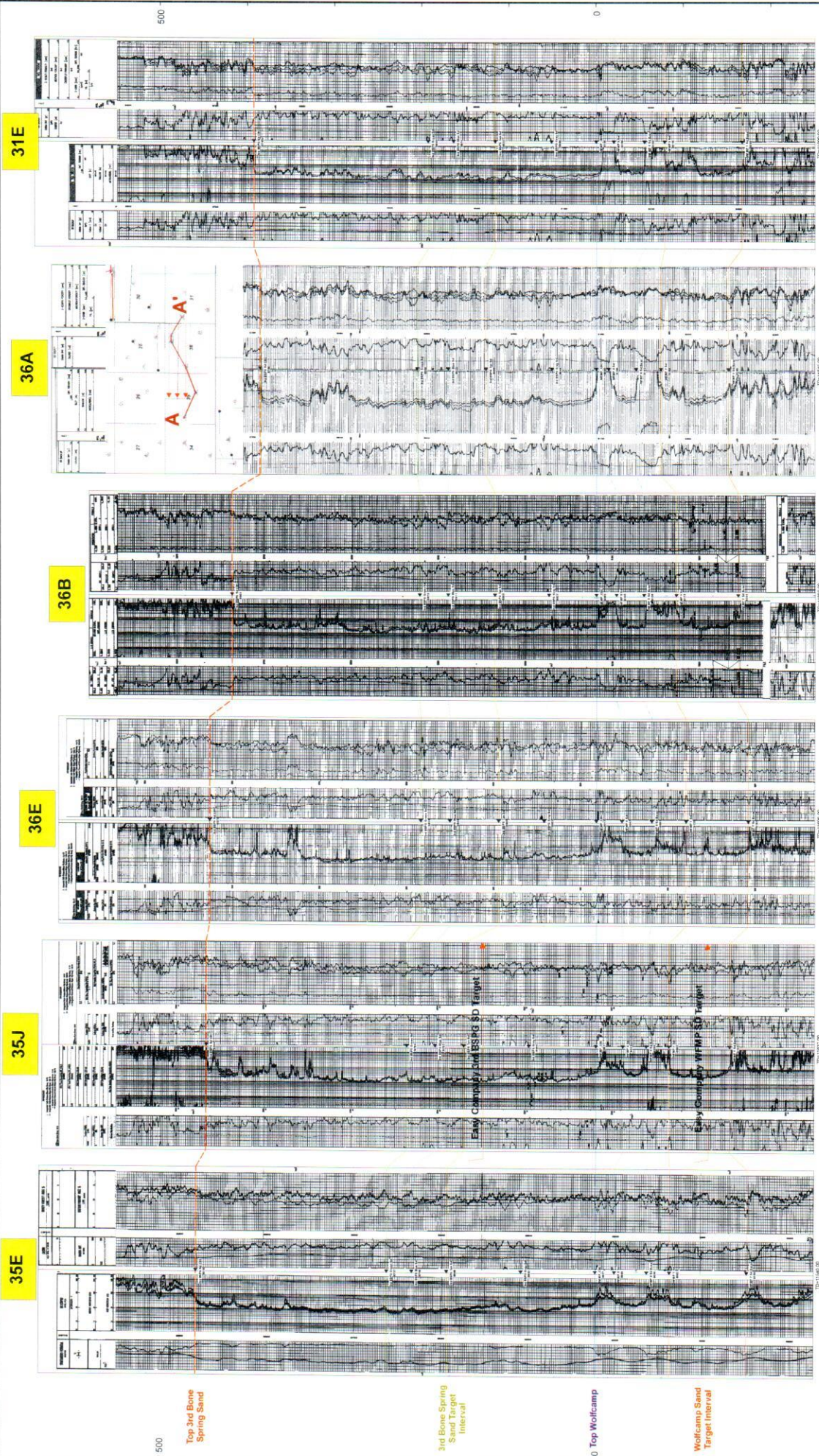
Mewbourne Oil Company Easy Company 36-35 Wells Horizontal Activity Map Top Wolfcamp Structure (C.I. 100') Wells TD - 8000 filtered out		
12/10/19	Eddy County	New Mexico
Geol. C. Crosby		

ATTACHMENT



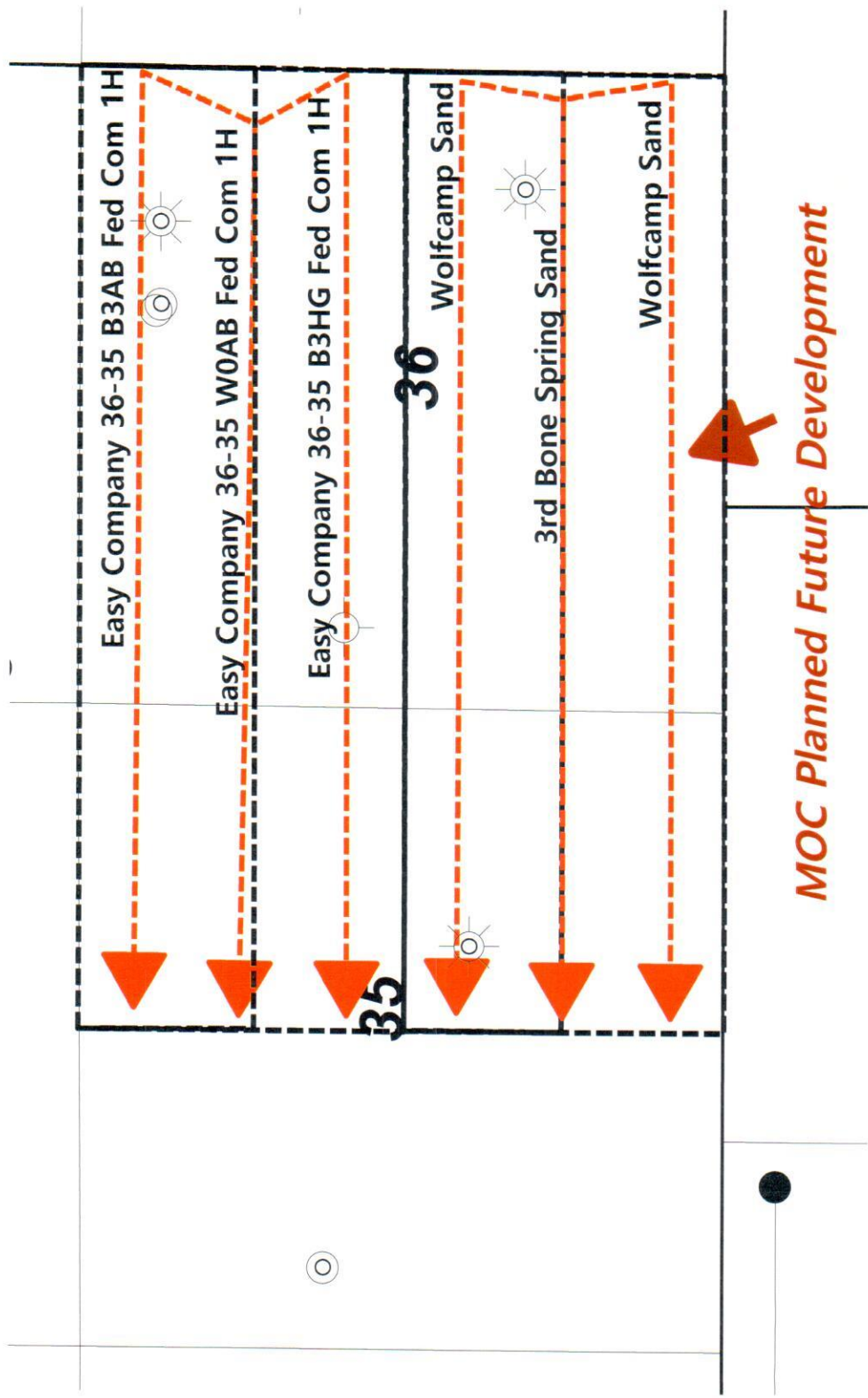
Mewbourne Oil Company NEW MEXICO OIL COMPANY			
Easy Company 36-35 Wolfcamp Sand Wells Horizontal Activity Map 3rd BSPG Gross Thickness Isopach (C.I. 10') Wells TD 8000 filtered out			
12/10/19	Eddy County	New Mexico	Geol: C. Crosby





Easy Company 36-35 Area Cross
Section Exhibit (A-A')

ATTACHMENT



MOC Planned Future Development

Mewbourne Oil Company
Easy Company 36-35
3rd BSPG SD/ Wolfcamp SD
Development Location Plat

Easy Company Area Production Table

Well Name	Operator	API	Location	Completion Date	Cum Oil (Mbo)	Cum Gas (Bcf)	Cum Water (Mbw)	NS/EW	Production Zone
Stebbins 20 Federal 134H	Matador	3001544175	20M/20S/29E	11/8/2017	107.8	0.3	359.7	EW	3rd Bone Spring San
Stebbins 20 Federal 204H	Matador	3001544177	20M/20S/29E	9/15/2018	103	0.6	162.8	EW	Wolfcamp Sand
Stebbins 20 Federal 133H	Matador	3001544183	20/20S/29E	7/1/2017	101.4	0.25	347.1	EW	3rd Bone Spring San
Stebbins 20 Federal 203H	Matador	3001544184	20/20S/29E		Pending			EW	Wolfcamp Sand
Stebbins 19 Federal 137H	Matador	3001544187	19P/20S/29E		Pending			EW	3rd Bone Spring San
Stebbins 19 Federal Com 203H	Matador	3001544173	19/20S/29E		Pending			EW	Wolfcamp Sand

ATTACHMENT



Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Easy Company 16/35 B3AB Fed Com 1H
KOP 8540.54
SL: 1400 FNL & 435 FEL Sec 36/20S/28E
PBHL: 440 FNL & 2551 FEL Sec 35/20S/28E

Target KBTVD: 9,018 Feet 9018.00
Target Angle: 91.10 Degrees 91.10
Section Plane: 277.63 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	-Above -Below Target	DRIFT RADIANS (RADIAN)	AZIMUTH (RADIAN)
T/I	8540.54	0.00	277.63	N/A	8540.5	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8540.5	477.5	1E-12	4.85 #VALUE!
1	8616.46	9.11	277.63	75.921	8616.1	6.0	0.8	-6.0	6.0	277.6	12.0	12.0	8616.3	401.7	0.15901	4.85 0.1590081
2	8692.38	18.22	277.63	75.921	8689.8	23.9	3.2	-23.7	23.9	277.6	12.0	12.0	8690.3	327.7	0.31802	4.85 0.1590081
3	8768.30	27.33	277.63	75.921	8759.8	53.3	7.1	-52.8	53.3	277.6	12.0	12.0	8760.8	257.2	0.47702	4.85 0.1590081
4	8844.22	36.44	277.63	75.921	8824.2	93.4	12.4	-92.5	93.4	277.6	12.0	12.0	8826.0	192.0	0.63603	4.85 0.1590081
5	8920.14	45.55	277.63	75.921	8881.4	143.1	19.0	-141.9	143.1	277.6	12.0	12.0	8884.2	133.8	0.79504	4.85 0.1590081
6	8996.06	54.66	277.63	75.921	8930.0	201.3	26.7	-199.5	201.3	277.6	12.0	12.0	8933.9	84.1	0.95405	4.85 0.1590081
7	9071.98	63.77	277.63	75.921	8968.8	266.5	35.4	-264.1	266.5	277.6	12.0	12.0	8974.0	44.0	1.11306	4.85 0.1590081
8	9147.90	72.88	277.63	75.921	8996.9	336.9	44.7	-334.0	336.9	277.6	12.0	12.0	9003.4	14.6	1.27207	4.85 0.1590081
9	9223.82	81.99	277.63	75.921	9013.3	411.0	54.5	-407.3	411.0	277.6	12.0	12.0	9021.3	-3.3	1.43107	4.85 0.1590081
10	9299.74	91.10	277.63	75.921	9017.9	486.7	64.6	-482.4	486.7	277.6	12.0	12.0	9027.3	-9.3	1.59008	4.85 0.1590081
11	9300.00	91.10	277.63	0.2569	9017.9	486.9	64.6	-482.6	486.9	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
12	9400.00	91.10	277.63	100	9016.0	586.9	77.9	-581.7	586.9	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
13	9500.00	91.10	277.63	100	9014.0	686.9	91.1	-680.8	686.9	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
14	9600.00	91.10	277.63	100	9012.1	786.9	104.4	-779.9	786.9	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
15	9700.00	91.10	277.63	100	9010.2	886.9	117.7	-879.0	886.9	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
16	9800.00	91.10	277.63	100	9008.3	986.8	130.9	-978.1	986.8	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
17	9900.00	91.10	277.63	100	9006.3	1086.8	144.2	-1077.2	1086.8	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
18	10000.00	91.10	277.63	100	9004.4	1186.8	157.5	-1176.3	1186.8	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
19	10100.00	91.10	277.63	100	9002.5	1286.8	170.7	-1275.4	1286.8	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
20	10200.00	91.10	277.63	100	9000.6	1386.8	184.0	-1374.5	1386.8	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
21	10300.00	91.10	277.63	100	8998.6	1486.7	197.3	-1473.6	1486.7	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
22	10400.00	91.10	277.63	100	8996.7	1586.7	210.5	-1572.7	1586.7	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
23	10500.00	91.10	277.63	100	8994.8	1686.7	223.8	-1671.8	1686.7	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
24	10600.00	91.10	277.63	100	8992.8	1786.7	237.1	-1770.9	1786.7	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
25	10700.00	91.10	277.63	100	8990.9	1886.7	250.3	-1870.0	1886.7	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
26	10800.00	91.10	277.63	100	8989.0	1986.7	263.6	-1969.1	1986.7	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
27	10900.00	91.10	277.63	100	8987.1	2086.6	276.9	-2068.2	2086.6	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
28	11000.00	91.10	277.63	100	8985.1	2186.6	290.1	-2167.3	2186.6	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
29	11100.00	91.10	277.63	100	8983.2	2286.6	303.4	-2266.4	2286.6	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
30	11200.00	91.10	277.63	100	8981.3	2386.6	316.7	-2365.5	2386.6	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
31	11300.00	91.10	277.63	100	8979.3	2486.6	329.9	-2464.6	2486.6	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
32	11400.00	91.10	277.63	100	8977.4	2586.5	343.2	-2563.7	2586.5	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
33	11500.00	91.10	277.63	100	8975.5	2686.5	356.5	-2662.8	2686.5	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
34	11600.00	91.10	277.63	100	8973.6	2786.5	369.7	-2761.9	2786.5	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
35	11700.00	91.10	277.63	100	8971.6	2886.5	383.0	-2861.0	2886.5	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
36	11800.00	91.10	277.63	100	8969.7	2986.5	396.3	-2960.1	2986.5	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
37	11900.00	91.10	277.63	100	8967.8	3086.4	409.5	-3059.2	3086.4	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
38	12000.00	91.10	277.63	100	8965.8	3186.4	422.8	-3158.3	3186.4	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
39	12100.00	91.10	277.63	100	8963.9	3286.4	436.1	-3257.3	3286.4	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
40	12200.00	91.10	277.63	100	8962.0	3386.4	449.3	-3356.4	3386.4	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
41	12300.00	91.10	277.63	100	8960.1	3486.4	462.6	-3455.5	3486.4	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
42	12400.00	91.10	277.63	100	8958.1	3586.4	475.9	-3554.6	3586.4	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
43	12500.00	91.10	277.63	100	8956.2	3686.3	489.1	-3653.7	3686.3	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
44	12600.00	91.10	277.63	100	8954.3	3786.3	502.4	-3752.8	3786.3	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
45	12700.00	91.10	277.63	100	8952.3	3886.3	515.7	-3851.9	3886.3	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
46	12800.00	91.10	277.63	100	8950.4	3986.3	528.9	-3951.0	3986.3	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
47	12900.00	91.10	277.63	100	8948.5	4086.3	542.2	-4050.1	4086.3	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
48	13000.00	91.10	277.63	100	8946.6	4186.2	555.5	-4149.2	4186.2	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
49	13100.00	91.10	277.63	100	8944.6	4286.2	568.7	-4248.3	4286.2	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
50	13200.00	91.10	277.63	100	8942.7	4386.2	582.0	-4347.4	4386.2	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
51	13300.00	91.10	277.63	100	8940.8	4486.2	595.3	-4446.5	4486.2	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
52	13400.00	91.10	277.63	100	8938.8	4586.2	608.5	-4545.6	4586.2	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
53	13500.00	91.10	277.63	100	8936.9	4686.1	621.8	-4644.7	4686.1	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
54	13600.00	91.10	277.63	100	8935.0	4786.1	635.1	-4743.8	4786.1	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
55	13700.00	91.10	277.63	100	8933.1	4886.1	648.3	-4842.9	4886.1	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
56	13800.00	91.10	277.63	100	8931.1	4986.1	661.6	-4942.0	4986.1	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
57	13900.00	91.10	277.63	100	8929.2	5086.1	674.9	-5041.1	5086.1	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
58	14000.00	91.10	277.63	100	8927.3	5186.1	688.1	-5140.2	5186.1	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
59	14100.00	91.10	277.63	100	8925.3	5286.0	701.4	-5239.3	5286.0	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
60	14200.00	91.10	277.63	100	8923.4	5386.0	714.7	-5338.4	5386.0	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
61	14300.00	91.10	277.63	100	8921.5	5486.0	727.9	-5437.5	5486.0	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
62	14400.00	91.10	277.63	100	8919.6	5586.0	741.2	-5536.6	5586.0	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
63	14500.00	91.10	277.63	100	8917.6	5686.0	754.5	-5635.7	5686.0	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
64	14600.00	91.10	277.63	100	8915.7	5785.9	767.7	-5734.8	5785.9	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E-10
65	14700.00	91.10	277.63	100	8913.8	5885.9	781.0	-5833.9	5885.9	277.6	0.0	0.0	9027.3	-9.3	1.59008	4.85 1E

Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company
 Lease Name: East Company 36/35 B3HG Fed Com 1H
 KOP 8552.54
 SL: 1460 FNL & 435 FEL Sec 36/20S/28E
 PBHL: 2200 FNL & 2549 FEL Sec 35/20S/28E

Target KBTVD: 9,030 Feet 9030.00
 Target Angle: 91.17 Degrees 91.17
 Section Plane: 264.47 Degrees
 Declination Corrected to True North: 6.63 Degrees
 Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below Target		DRIFT (RADIAN)	AZIMUTH (RADIAN)
T/I	8562.54	0.00	264.47	N/A	8552.5	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8552.5	477.5	1E-12		4.62 #VALUE!
1	8628.51	9.12	264.47	75.9774	8628.2	6.0	-0.6	-6.0	6.0	264.5	12.0	12.0	8628.3	401.7	0.1591267	4.62	0.1591267
2	8704.49	18.23	264.47	75.9774	8701.9	24.0	-2.3	-23.9	24.0	264.5	12.0	12.0	8702.4	327.6	0.3182533	4.62	0.1591267
3	8780.47	27.35	264.47	75.9774	8771.9	53.4	-5.1	-53.1	53.4	264.5	12.0	12.0	8773.0	257.0	0.47738	4.62	0.1591267
4	8856.44	36.47	264.47	75.9774	8836.3	93.5	-9.0	-93.1	93.5	264.5	12.0	12.0	8838.2	191.8	0.6365066	4.62	0.1591267
5	8932.42	45.59	264.47	75.9774	8893.6	143.3	-13.8	-142.7	143.3	264.5	12.0	12.0	8896.5	133.5	0.7956333	4.62	0.1591267
6	9008.40	54.70	264.47	75.9774	8942.2	201.6	-19.4	-200.6	201.6	264.5	12.0	12.0	8946.4	83.6	0.9547599	4.62	0.1591267
7	9084.38	63.82	264.47	75.9774	8981.0	266.8	-25.7	-265.6	266.8	264.5	12.0	12.0	8986.5	43.5	1.1138866	4.62	0.1591267
8	9160.35	72.94	264.47	75.9774	9009.9	337.4	-32.5	-335.8	337.4	264.5	12.0	12.0	9015.9	14.1	1.2730132	4.62	0.1591267
9	9236.33	82.06	264.47	75.9774	9025.4	411.5	-39.7	-409.6	411.5	264.5	12.0	12.0	9033.8	-3.8	1.4321399	4.62	0.1591267
10	9312.31	91.17	264.47	75.9774	9029.9	487.2	-47.0	-485.0	487.2	264.5	12.0	12.0	9039.9	-9.9	1.5912665	4.62	0.1591267
11	9400.00	91.17	264.47	87.691	9028.1	574.9	-55.4	-572.2	574.9	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
12	9500.00	91.17	264.47	100	9026.1	674.9	-65.1	-671.7	674.9	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
13	9600.00	91.17	264.47	100	9024.0	774.9	-74.7	-771.3	774.9	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
14	9700.00	91.17	264.47	100	9022.0	874.8	-84.4	-870.8	874.8	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
15	9800.00	91.17	264.47	100	9019.9	974.8	-94.0	-970.3	974.8	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
16	9900.00	91.17	264.47	100	9017.9	1074.8	-103.6	-1069.8	1074.8	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
17	10000.00	91.17	264.47	100	9015.8	1174.8	-113.3	-1169.3	1174.8	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
18	10100.00	91.17	264.47	100	9013.8	1274.8	-122.9	-1268.8	1274.8	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
19	10200.00	91.17	264.47	100	9011.7	1374.7	-132.6	-1368.3	1374.7	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
20	10300.00	91.17	264.47	100	9009.7	1474.7	-142.2	-1467.8	1474.7	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
21	10400.00	91.17	264.47	100	9007.6	1574.7	-151.9	-1567.4	1574.7	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
22	10500.00	91.17	264.47	100	9005.6	1674.7	-161.5	-1666.9	1674.7	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
23	10600.00	91.17	264.47	100	9003.5	1774.7	-171.1	-1766.4	1774.7	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
24	10700.00	91.17	264.47	100	9001.5	1874.6	-180.8	-1865.9	1874.6	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
25	10800.00	91.17	264.47	100	8999.4	1974.6	-190.4	-1965.4	1974.6	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
26	10900.00	91.17	264.47	100	8997.4	2074.6	-200.1	-2064.9	2074.6	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
27	11000.00	91.17	264.47	100	8995.4	2174.6	-209.7	-2164.4	2174.6	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
28	11100.00	91.17	264.47	100	8993.3	2274.6	-219.3	-2264.0	2274.6	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
29	11200.00	91.17	264.47	100	8991.3	2374.5	-229.0	-2363.5	2374.5	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
30	11300.00	91.17	264.47	100	8989.2	2474.5	-238.6	-2463.0	2474.5	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
31	11400.00	91.17	264.47	100	8987.2	2574.5	-248.3	-2562.5	2574.5	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
32	11500.00	91.17	264.47	100	8985.1	2674.5	-257.9	-2662.0	2674.5	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
33	11600.00	91.17	264.47	100	8983.1	2774.4	-267.6	-2761.5	2774.4	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
34	11700.00	91.17	264.47	100	8981.0	2874.4	-277.2	-2861.0	2874.4	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
35	11800.00	91.17	264.47	100	8979.0	2974.4	-286.8	-2960.5	2974.4	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
36	11900.00	91.17	264.47	100	8976.9	3074.4	-296.5	-3060.1	3074.4	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
37	12000.00	91.17	264.47	100	8974.9	3174.4	-306.1	-3159.6	3174.4	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
38	12100.00	91.17	264.47	100	8972.8	3274.3	-315.8	-3259.1	3274.3	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
39	12200.00	91.17	264.47	100	8970.8	3374.3	-325.4	-3358.6	3374.3	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
40	12300.00	91.17	264.47	100	8968.7	3474.3	-335.0	-3458.1	3474.3	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
41	12400.00	91.17	264.47	100	8966.7	3574.3	-344.7	-3557.6	3574.3	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
42	12500.00	91.17	264.47	100	8964.7	3674.3	-354.3	-3657.1	3674.3	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
43	12600.00	91.17	264.47	100	8962.6	3774.2	-364.0	-3756.6	3774.2	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
44	12700.00	91.17	264.47	100	8960.6	3874.2	-373.6	-3856.2	3874.2	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
45	12800.00	91.17	264.47	100	8958.5	3974.2	-383.3	-3955.7	3974.2	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
46	12900.00	91.17	264.47	100	8956.5	4074.2	-392.9	-4055.2	4074.2	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
47	13000.00	91.17	264.47	100	8954.4	4174.2	-402.5	-4154.7	4174.2	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
48	13100.00	91.17	264.47	100	8952.4	4274.1	-412.2	-4254.2	4274.1	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
49	13200.00	91.17	264.47	100	8950.3	4374.1	-421.8	-4353.7	4374.1	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
50	13300.00	91.17	264.47	100	8948.3	4474.1	-431.5	-4453.2	4474.1	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
51	13400.00	91.17	264.47	100	8946.2	4574.1	-441.1	-4552.8	4574.1	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
52	13500.00	91.17	264.47	100	8944.2	4674.1	-450.7	-4652.3	4674.1	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
53	13600.00	91.17	264.47	100	8942.1	4774.0	-460.4	-4751.8	4774.0	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
54	13700.00	91.17	264.47	100	8940.1	4874.0	-470.0	-4851.3	4874.0	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
55	13800.00	91.17	264.47	100	8938.0	4974.0	-479.7	-4950.8	4974.0	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
56	13900.00	91.17	264.47	100	8936.0	5074.0	-489.3	-5050.3	5074.0	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
57	14000.00	91.17	264.47	100	8933.9	5173.9	-498.9	-5149.8	5173.9	264.5	0.0	0.0	9039.9	-9.9	1.5912665	4.62	1E-10
58	14100.00	91.17	264.47	100	8931.9	5273.9	-508.6	-524									

Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Easy Company 3635 W0AB Fed Com LH
KOP 8779.54
SL: 1430 FNL & 435 FEL Sec 36/20S/28E
PBHL: 1310 FNL & 2550 FEL Sec 35/20S/28E

Target KBTVD: 9,257 Feet 9257.00
Target Angle: 90.79 Degrees 90.79
Section Plane: 271.13 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below		
														Target	DRIFT (RADIANS)	AZIMUTH (RADIANS)
T/1	8779.54	0.00	271.13	N/A	8779.5	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8779.5	477.5	1E-12	4.73 #VALUE!
1	8855.19	9.08	271.13	75.658	8854.9	6.0	0.1	-6.0	6.0	271.1	12.0	12.0	8855.0	402.0	0.1584577	4.73 0.1584577
2	8930.85	18.16	271.13	75.658	8928.3	23.8	0.5	-23.8	23.8	271.1	12.0	12.0	8928.7	328.3	0.3169155	4.73 0.1584577
3	9006.51	27.24	271.13	75.658	8998.1	52.9	1.0	-52.9	52.9	271.1	12.0	12.0	8998.8	258.2	0.4753732	4.73 0.1584577
4	9082.17	36.32	271.13	75.658	9062.3	92.7	1.8	-92.7	92.7	271.1	12.0	12.0	9063.6	193.4	0.633831	4.73 0.1584577
5	9157.83	45.39	271.13	75.658	9119.5	142.2	2.8	-142.2	142.2	271.1	12.0	12.0	9121.4	135.6	0.7922887	4.73 0.1584577
6	9233.48	54.47	271.13	75.658	9168.1	200.0	3.9	-200.0	200.0	271.1	12.0	12.0	9170.9	86.1	0.9507465	4.73 0.1584577
7	9309.14	63.55	271.13	75.658	9207.0	264.8	5.2	-264.8	264.8	271.1	12.0	12.0	9210.7	46.3	1.1092042	4.73 0.1584577
8	9384.80	72.63	271.13	75.658	9235.2	334.9	6.6	-334.9	334.9	271.1	12.0	12.0	9239.8	17.2	1.2676619	4.73 0.1584577
9	9460.46	81.71	271.13	75.658	9252.0	408.6	8.0	-408.5	408.6	271.1	12.0	12.0	9257.6	-0.6	1.4261197	4.73 0.1584577
10	9536.12	90.79	271.13	75.658	9257.0	484.0	9.5	-484.0	484.0	271.1	12.0	12.0	9263.6	-6.6	1.5845774	4.73 0.1584577
11	9600.00	90.79	271.13	63.885	9256.1	547.9	10.8	-547.8	547.9	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
12	9700.00	90.79	271.13	100	9254.7	647.9	12.7	-647.8	647.9	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
13	9800.00	90.79	271.13	100	9253.3	747.9	14.7	-747.8	747.9	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
14	9900.00	90.79	271.13	100	9251.9	847.9	16.7	-847.7	847.9	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
15	10000.00	90.79	271.13	100	9250.6	947.9	18.6	-947.7	947.9	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
16	10100.00	90.79	271.13	100	9249.2	1047.9	20.6	-1047.7	1047.9	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
17	10200.00	90.79	271.13	100	9247.8	1147.9	22.6	-1147.6	1147.9	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
18	10300.00	90.79	271.13	100	9246.4	1247.9	24.5	-1247.6	1247.9	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
19	10400.00	90.79	271.13	100	9245.0	1347.8	26.5	-1347.6	1347.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
20	10500.00	90.79	271.13	100	9243.7	1447.8	28.4	-1447.6	1447.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
21	10600.00	90.79	271.13	100	9242.3	1547.8	30.4	-1547.5	1547.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
22	10700.00	90.79	271.13	100	9240.9	1647.8	32.4	-1647.5	1647.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
23	10800.00	90.79	271.13	100	9239.5	1747.8	34.3	-1747.5	1747.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
24	10900.00	90.79	271.13	100	9238.2	1847.8	36.3	-1847.4	1847.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
25	11000.00	90.79	271.13	100	9236.8	1947.8	38.3	-1947.4	1947.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
26	11100.00	90.79	271.13	100	9235.4	2047.8	40.2	-2047.4	2047.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
27	11200.00	90.79	271.13	100	9234.0	2147.8	42.2	-2147.4	2147.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
28	11300.00	90.79	271.13	100	9232.6	2247.8	44.2	-2247.3	2247.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
29	11400.00	90.79	271.13	100	9231.3	2347.8	46.1	-2347.3	2347.8	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
30	11500.00	90.79	271.13	100	9229.9	2447.7	48.1	-2447.3	2447.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
31	11600.00	90.79	271.13	100	9228.5	2547.7	50.1	-2547.2	2547.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
32	11700.00	90.79	271.13	100	9227.1	2647.7	52.0	-2647.2	2647.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
33	11800.00	90.79	271.13	100	9225.8	2747.7	54.0	-2747.2	2747.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
34	11900.00	90.79	271.13	100	9224.4	2847.7	55.9	-2847.2	2847.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
35	12000.00	90.79	271.13	100	9223.0	2947.7	57.9	-2947.1	2947.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
36	12100.00	90.79	271.13	100	9221.6	3047.7	59.9	-3047.1	3047.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
37	12200.00	90.79	271.13	100	9220.2	3147.7	61.8	-3147.1	3147.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
38	12300.00	90.79	271.13	100	9218.9	3247.7	63.8	-3247.0	3247.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
39	12400.00	90.79	271.13	100	9217.5	3347.7	65.8	-3347.0	3347.7	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
40	12500.00	90.79	271.13	100	9216.1	3447.6	67.7	-3447.0	3447.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
41	12600.00	90.79	271.13	100	9214.7	3547.6	69.7	-3547.0	3547.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
42	12700.00	90.79	271.13	100	9213.4	3647.6	71.7	-3646.9	3647.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
43	12800.00	90.79	271.13	100	9212.0	3747.6	73.6	-3746.9	3747.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
44	12900.00	90.79	271.13	100	9210.6	3847.6	75.6	-3846.9	3847.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
45	13000.00	90.79	271.13	100	9209.2	3947.6	77.6	-3946.8	3947.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
46	13100.00	90.79	271.13	100	9207.8	4047.6	79.5	-4046.8	4047.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
47	13200.00	90.79	271.13	100	9206.5	4147.6	81.5	-4146.8	4147.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
48	13300.00	90.79	271.13	100	9205.1	4247.6	83.4	-4246.8	4247.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
49	13400.00	90.79	271.13	100	9203.7	4347.6	85.4	-4346.7	4347.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
50	13500.00	90.79	271.13	100	9202.3	4447.6	87.4	-4446.7	4447.6	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
51	13600.00	90.79	271.13	100	9201.0	4547.5	89.3	-4546.7	4547.5	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
52	13700.00	90.79	271.13	100	9199.6	4647.5	91.3	-4646.6	4647.5	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
53	13800.00	90.79	271.13	100	9198.2	4747.5	93.3	-4746.6	4747.5	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
54	13900.00	90.79	271.13	100	9196.8	4847.5	95.2	-4846.6	4847.5	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
55	14000.00	90.79	271.13	100	9195.4	4947.5	97.2	-4946.6	4947.5	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
56	14100.00	90.79	271.13	100	9194.1	5047.5	99.2	-5046.5	5047.5	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
57	14200.00	90.79	271.13	100	9192.7	5147.5	101.1	-5146.5	5147.5	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
58	14300.00	90.79	271.13	100	9191.3	5247.5	103.1	-5246.5	5247.5	271.1	0.0	0.0	9263.6	-6.6	1.5845774	4.73 1E-10
59	14400.00	90.79	271.13	100	9189.9	5347.5	105.1	-5346.4	5347.5	271.1	0.0	0.0	9263.6	-6.6</		

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

APPLICATIONS OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.

Case Nos. 21000, 21001, and 21002

SELF-AFFIRMED STATEMENT OF NOTICE

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

James Bruce 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 Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the applications filed herein.
4. Notice of the applications was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date:

1/8/19


James Bruce

EXHIBIT

3

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

December 19, 2019

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of the following applications, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, seeking orders pooling all mineral interests in the horizontal spacing units described below:

(a) In Case No. 21000, the N/2 of Section 36 and the NE/4 of Section 35, Township 20 South, Range 28 East, NMPM. The unit will be dedicated to the Easy Company 36/35 W0AB Fed. Com. Well No. 1H, a horizontal Wolfcamp well with a first take point in the NE/4NE/4 of Section 36 and a last take point in the NW/4NE/4 of Section 35;

(b) In Case No. 21001, the N/2N/2 of Section 36 and the N/2NE/4 of Section 35, Township 20 South, Range 28 East, NMPM. The unit will be dedicated to the Easy Company 36/35 B3AB Fed. Com. Well No. 1H, a horizontal Bone Spring well with a first take point in the NE/4NE/4 of Section 36 and a last take point in the NW/4NE/4 of Section 35; and

(c) In Case No. 21002, the S/2N/2 of Section 36 and the S/2NE/4 of Section 35, Township 20 South, Range 28 East, NMPM. The unit will be dedicated to the Easy Company 36/25 B3HG Fed. Com. Well No. 2H, a horizontal Bone Spring well with a first take point in the SE/4NE/4 of Section 36 and a last take point in the SW/4NE/4 of Section 35.

These matters are scheduled for hearing at 8:15 a.m. on Thursday, January 9, 2020, 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 applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date.

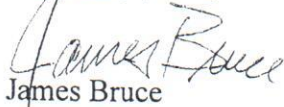
ATTACHMENT

A

✓

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, January 2, 2020. 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 his or her 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 Mewbourne Oil Company

EXHIBIT A

EOG Y Resources, Inc.
EOG A Resources, Inc.
EOG M Resources, Inc.
5509 Champions Drive
Midland, Texas 79706
Attn: Land Manager

MRC Permian Company
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240
Attn: Mr. Nick Weeks

CM Resources, LLC
303 W. Wall St., Suite 700
Midland, Texas 79701
Attn: Land Manager

CL&F Resources LP
16945 Northchase Drive, Suite 1500
Houston, Texas 77060-2153
Attn: Land Manager

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
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1. Article Addressed to:

MRC Permian Company
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240



9590 9402 4582 8278 6171 47

2. Article

7019 1640 0000 1700 8682

(over \$500)

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

M Easy

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☐ Return Receipt (electronic) \$
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☐ Adult Signature Restricted Delivery \$
Postage \$
Total Postage and Fees \$

Postmark
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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

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D. Is delivery address different from item 1? ☐ Yes ☒ No
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3. Service Type
☐ Priority Mail Express®
☐ Registered Mail™
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Return Receipt for Merchandise
☐ Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

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1. Article Addressed to:

CM Resources, LLC
303 W. Wall St., Suite 700
Midland, Texas 79701



9590 9402 4582 8278 6171 30

2. Article

7019 1640 0000 1700 8675

(over \$500)

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

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☐ Return Receipt (hardcopy) \$
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☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
Postage \$
Total Postage and Fees \$

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303 W. Wall St., Suite 700
Midland, Texas 79701
City, State, ZIP+4®

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

See Reverse for Instructions

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☒ Certified Mail®
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☐ Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EOG Y Resources, Inc.
EOG A Resources, Inc.
EOG M Resources, Inc.
5509 Champions Drive
Midland, Texas 79706



9590 9402 4582 8278 6171 54

2. Article Number (Transfer from service label)

7019 1640 0000 1700 8699

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

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If YES, enter delivery address below: ☐ No

☒ Agent
☐ Addressee

C. Date of Delivery

12-23-19

3. Service Type

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

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☐ Adult Signature Restricted Delivery \$

Postage

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Total Postage and Fees

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Sent To CL&F Resources LP
16945 Northchase Drive, Suite 1500
Houston, Texas 77060-2153

Street and Apt. No., or P.O. Box

City, State, ZIP+4®

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

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

Postage

\$

Total Postage and Fees

\$

Sent To EOG Y Resources, Inc.
EOG A Resources, Inc.
EOG M Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

Street and Apt. No., or P.O. Box

City, State, ZIP+4®

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

See Reverse for Instructions

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1. Article Addressed to:

CL&F Resources LP
16945 Northchase Drive, Suite 1500
Houston, Texas 77060-2153



9590 9402 4582 8278 6171 23

2. Article Number (Transfer from service label)

7019 1640 0000 1700 8668

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

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Affidavit of Publication

Ad # 0003963998

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JAMES BRUCE ATTORNEY AT LAW
POBOX 1056

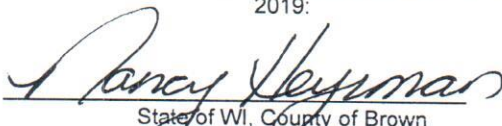
SANTA FE, NM 87504

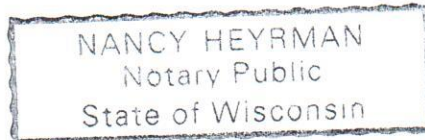
I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements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

December 21, 2019


Legal Clerk

Subscribed and sworn before me this December 21, 2019:


State of WI, County of Brown
NOTARY PUBLIC
5.15.23
My commission expires



Ad # 0003963998

PO #:

of Affidavits : 1

This is not an invoice

NOTICE

To: EOGY Resources, Inc., EOGA Resources, Inc., EOGM Resources, Inc. MRC Permian Company, CM Resources, LLC, and CL&F Resources LP, or your successors or assigns: Mewbourne Oil Company has filed applications with the New Mexico Oil Conservation Division seeking orders pooling of all mineral interests in the horizontal spacing units described below:

(a) In Case No. 21000, the N/2 of Section 36 and the NE/4 of Section 35, Township 20 South, Range 28 East, NMPM. The unit will be dedicated to the Easy Company 36/35 W0AB Fed. Com. Well No. 1H, a horizontal Wolfcamp well with a first take point in the NE/4NE/4 of Section 36 and a last take point in the NW/4NE/4 of Section 35;

(b) In Case No. 21001, the N/2N/2 of Section 36 and the N/2NE/4 of Section 35, Township 20 South, Range 28 East, NMPM. The unit will be dedicated to the Easy Company 36/35 B3AB Fed. Com. Well No. 1H, a horizontal Bone Spring well with a first take point in the NE/4NE/4 of Section 36 and a last take point in the NW/4NE/4 of Section 35; and

(c) In Case No. 21002, the S/2N/2 of Section 36 and the S/2NE/4 of Section 35, Township 20 South, Range 28 East, NMPM. The unit will be dedicated to the Easy Company 36/25 B3HG Fed. Com. Well No. 2H, a horizontal Bone Spring well with a first take point in the SE/4NE/4 of Section 36 and a last take point in the SW/4NE/4 of Section 35.

Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The applications are scheduled to be heard at 8:15 a.m. on Thursday, January 9, 2020 at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. As an interest owner in one or more of the well units, you have the right to enter an appearance and participate in the cases. Failure to appear will preclude you from contesting these matters at a later date. The attorney for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504. The units are located approximately 10 miles north-northeast of Carlsbad, New Mexico.

Pub: Dec. 21, 2019 #3963998

Case Nos. 21000
21001
21002

EXHIBIT

4

COMPULSORY POOLING APPLICATION CHECKLIST (pdf)

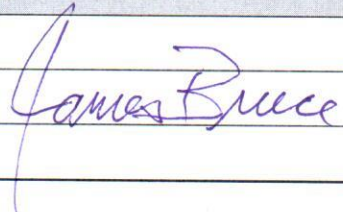
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case:	21001
Date	January 9, 2020
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/14744
Applicant's Counsel:	James Bruce
Case Title:	Application Of Mewbourne Oil Company For Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	Holland & Hart LLP/MRC Permian Company
Well Family	Easy Company 36/35 B3AB Fed. Com. Well No. 1H
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Bone Spring Formation
Pool Name and Pool Code:	Avalon; Bone Spring East/3713
Well Location Setback Rules:	Statewide Rules
Spacing Unit Size:	Quarter-Quarter Section/40 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	240 Acres
Building Blocks:	40 Acres
Orientation:	East-West
Description: TRS/County	N/2N/2 Sec. 36 and N/2NE/4 Sec. 35-20S-28E, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	See Exhibit 1 Pages 6-7
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	

EXHIBIT

5

Well #1	Easy Company 36/35 B3AG Fed. Com. Well No. 1H API No. Pending/Well Not Drilled SHL: 1400 FNL & 435 FEL (Unit H) Sec. 36-20S-28E BHL: 440 FNL & 2551 FEL (Unit B) Sec. 35-20S-28E Completion Target: 3rd Bone Spring Sand/Approx. 8840 8950 Feet Well Orientation: East-West Completion Location Expected To Be Standard
Well #2	
Horizontal Well First and Last Take Points	FTP 440 FNL & 100 FEL Sec. 36 LTP 440 FNL & 2540 FEL Sec. 35
Completion Target (Formation, TVD and MD)	3rd Bone Spring Sand/TVD 8840 Feet/MD 16200 Feet/Exhibit 2 Pages 7 and 11
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 1 Page 2
Requested Risk Charge	Cost Plus 200%
Notice of Hearing	
Proposed Notice of Hearing	Filed With Application
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 1 Page 4
Tract List (including lease numbers and owners)	
Pooled Parties (including ownership type)	Exhibit 1 Pages 6-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	None
Joinder	
Sample Copy of Proposal Letter	Exhibit 1 Page 10
List of Interest Owners (ie Exhibit A of JOA)	Exhibit 1 Pages 6-7
Chronology of Contact with Non-Joined Working Interests	Exhibit 1 Pages 8-9
Overhead Rates In Proposal Letter	\$8000/\$800
Cost Estimate to Drill and Complete	Exhibit 1 Page 11

Cost Estimate to Equip Well	Exhibit 1 Page 11
Cost Estimate for Production Facilities	Exhibit 1 Page 11
Geology	
Summary (including special considerations)	Exhibit 1 Page 1
Spacing Unit Schematic	Exhibit 1 Pages 4-5
Gunbarrel/Lateral Trajectory Schematic	Exhibit 2 Page 8
Well Orientation (with rationale)	Laydown/Exhibit 2 Page 2
Target Formation	Exhibit 2 Page 5/3rd Bone Spring Sand
HSU Cross Section	Exhibit 2 Page 7
Depth Severance Discussion	Exhibit 1 Page 1
Forms, Figures and Tables	
C-102	Exhibit 1 Page 5
Tracts	Exhibit 1 Page 4
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 1 Pages 6-7
General Location Map (including basin)	Exhibit 1 Page 4
Well Bore Location Map	Exhibit 1 Page 5 and Exhibit 2 Page 12
Structure Contour Map - Subsea Depth	Exhibit 2 Page 4
Cross Section Location Map (including wells)	Exhibit 2 Pages 4-6
Cross Section (including Landing Zone)	Exhibit 2 Page 7
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	/s/ 
Date:	1/9/2020