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. 16183

PRE-HEARING STATEMENT

Jalapeno Corporation ("Jalapeno") provides this Pre-Hearing Statement for the

Division hearing as required by Rule 19.15.4.13B NMAC.

APPEARANCES

APPLICANT

ATTORNEY

Mewbourne Oil Co.

James Bruce

P.O. Box 1056

Santa Fe, NM 87504 jamesbruc@aol.com

OPPONENTS

ATTORNEY

Jalapeno Corporation

J.E. Gallegos

Michael J. Condon Gallegos Law Firm, P.C.

460 St. Michael's Drive, Bldg. 300

Santa Fe, NM 87505 jeg@gallegoslawfirm.net mjc@gallegoslawfirm.net

EOG Resources, Inc.

EOG Y Resources, Inc.

EOG A Resources, Inc.

EOG M Resources, Inc.

EOG Resources Assets. LLC

Michael H. Feldewert

Adam G. Rankin

Julia Broggi

Holland and Hart, LLP

P.O. Box 2208

Santa Fe, NM 87504

mfeldewert@hollandhart.com agrankin@hollandhart.com jbroggi@hollandhart.com

STATEMENT OF THE CASE

Mewbourne Oil Company ("Mewbourne") applies for an order from the Division pooling all the uncommitted interests of Jalapeno and others across separate existing 40 acre oil spacing units into a 320 acre project area or spacing unit being the S2N2 of Section 24 and the S2N2 of Section 23 Township 18 South, Range 30 East, NMPM, in Eddy County, New Mexico. The applicant proposes to drill the Virgo 24/23 B2HE Fed Com. Well #1H to test the Bone Spring formation. It will be a horizontal well with surface location in Section 24 and a terminus in Section 23.

MOTION TO DISMISS

Jalapeno moves to dismiss the application to force pool it on the grounds:

Statutory force pooling is not available or authorized against an owner in a spacing unit who has voluntarily agreed to pool its interest and to participate in its pro rata share of the cost of drilling and completing the subject well. NMSA 1978 § 70-2-17(C). Division orders pooling interests in force pooling applications routinely pool "all uncommitted interests," even in cases filed by Mewbourne which seek an order pooling all mineral interest owners, irrespective of the fact that some owners may have already committed their interests to the well at issue in the application. See Order No. R-14053-B, application of Matador Production Co.; Case No. 15038, Application of Mewbourne, and Order R-13751, limiting the force pooling order to "all uncommitted interests." To allow a party to force pool committed interest owners would subvert the rule requiring an applicant to seek voluntary agreement as a condition of prosecuting a force pooling application.

Jalapeno and the applicant have been in communication since July 26, 2016 when Mewbourne proposed Bone Spring wells in subject Sections 23 and 24. Jalapeno has signed and mailed to Mewbourne executed AFEs including covering the Virgo 24/23 B2HE Fed. Com 1H well. A copy of Jalapeno's May 21, 2018 letter to Mewbourne transmitting the signed AFEs is attached as Exhibit A. Jalapeno has agreed to pool its interests and participate in the well.

Since agreement between the parties exists there is no basis for force pooling Jalapeno. The application should be dismissed as to Jalapeno.

Mewbourne's proposed JOA, and would not agree to sell its acreage at below market rates. Mewbourne's position reflects bad faith negotiations where Mewbourne attempts to use the threat of force pooling to coerce Jalapeno, even though Jalapeno has agreed to participate in the well. The force pooling procedure should not be used as a bludgeon, and the Division should deny the application for failure of Mewbourne to engage in good faith negotiations.

JALAPENO CONTENDS THE APPLICATION SHOULD BE DENIED

Jalapeno contends the application should be denied for the following reasons:

1. The Division lacks the authority under the current powers granted to it by the New Mexico Legislature to approve Mewbourne's compulsory pooling application for a requested project area, non-standard oil spacing and proration unit that comprises eight (8) complete, contiguous and existing 40 acre oil spacing units for a horizontal well in the Bone Spring formation. If the application were granted owners of the separate

existing spacing units will be precluded from operating and developing their leases and suffer loss of their correlative rights.

- 2. If not others, at least interest owners Phoebe Jane Welch, address in California, and Phoebe Jane Welch III and Sanders Thomas Welch, no address stated, by a pooling order with a 200% risk penalty shall have their property taken in violation of their constitutional rights afforded by the 5th and 14th Amendments to the United States Constitution. These parties lack any effective means to protect those rights in this proceeding. As nonconsenting and force pooled mineral owners their property and correlative rights will be expropriated by the order that applicant requests.
- 3. Mewbourne cannot meet its burden to support its request for a 200% risk penalty. The Division is obligated to take administrative notice of the relative absence of risk in developing the proposed Bone Spring well in the Delaware Basin of Eddy County. There is no rationale or factual justification for rewarding applicant with a risk penalty to be collected from the share of revenue to which nonconsenting parties are entitled.
- 4. The Delaware Basin shale play is a resource play extensively developed by horizontal wells and presents a dependable low risk, highly favorable return on investment. In addition, the economics of the majority owner-operator are unfairly enhanced by the revenue attributable to the risk charged interests of the pooled nonconsent owners.
- 5. The OCD and OCC lack authorization to impose any risk penalty in force pooling proceedings because there is no objective standard for the imposition of risk penalties. *Gadeco, LLC v. Industrial Comm.*, 812 N.W.2d 405, 2012 ND 33 (2012)

("The Commission's decision ... does not explain how it reached the conclusion that the risk penalty could be assessed ... a reviewing court needs to know the reasons ...") As Commission Chariman Catanach observed in Case No. 15363 (de novo) "If there is a method other than just the automatic imposition of 200 percent, I mean a definition of risk, what we're talking about, I would appreciate being guided to that. I haven't found it." Consequently, any assessment of a risk penalty by the Division is arbitrary and capricious.

- 6. OCD Order No. R-11992, which adopted Rule 19.15.1.35 NMAC (now Rule 19.15.13.8—Charge for Risks), and which in turn adopted a blanket 200% risk factor in compulsory pooling application, unlawfully (a) allows assessment of a risk penalty without requiring the applicant to support the requested penalty with evidence supporting the penalty, and (b) imposes the burden of proof on an opponent of a compulsory pooling application to justify a different risk factor. This is in violation of the legislative mandate set forth in NMSA 1978 § 70-2-17 and contrary to the standard burden of proof rules imposed on the movant in any proceeding.
- 7. Installation of surface production facilities occurs after an operator has completed a producing well. There is no risk assignable to such construction. Imposition of a risk penalty on such charges is not authorized by NMSA 1978 § 70-2-17(C) and is unlawful.

PROPOSED EVIDENCE

Jalapeno will present evidence that it has agreed to participate to the extent of its working interest share in the cost of drilling the proposed Bone Spring well. It cannot be ordered force pooled. Jalapeno's evidence will include data establishing that drilling of

the proposed well presents minimal risk which does not justify the requested risk penalty.

WITNESSES	EST. TIME	<u>EXHIBITS</u>	
Harvey Yates (operator/landman)	1 hour	5 approx.	
Emmons Yates (practical oil man/landman)	45 min	5 approx.	

PROCEDURAL MATTERS

Mewbourne filed a related application, Case No. 16184, but did not notify Jalapeno by certified mail, and did not list Jalapeno as a party to be force pooled even though Jalapeno owns interests in the proposed spacing unit. Had Jalapeno been served, its position would be the same in Case No. 16184 as set forth above.

Respectfully submitted,

GALLEGOS LAW FIRM, P.C.

By /s/ J. E. Gallegos
J.E. GALLEGOS
MICHAEL J. CONDON
460 St. Michael's Drive, Bldg. 300
Santa Fe, New Mexico 87505
(505) 983-6686
jeg@gallegoslawfirm.net
mjc@gallegoslawfim.net

Attorneys for Jalapeno Corporation

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served on counsel of record by electronic mail this 24th day of May, 2018.

James Bruce Post Office Box 1056 Santa Fe, NM 87504-2208 jamesbruc@aol.com

Attorney for Mewbourne Oil Co.

Michael H. Feldewert Adam G. Rankin Julia Broggi Holland and Hart, LLP P.O. Box 2208 Santa Fe, NM 87504

mfeldewert@hollandhart.com agrankin@hollandhart.com jbroggi@hollandhart.com

Attorneys for EOG Resources, Inc.; EOG Y Resources, Inc.; EOG A Resources, Inc.; EOG M Resources, Inc. and EOG Resources Assets, LLC

/s/ J. E. Gallegos
J. E. Gallegos

Jalapeno Corporation

PO Box 1608, Albuquerque, NM. 87103 Ph: 505-242-2050 fax: 505-242-8501

May 21, 2018

Mewbourne Oil Company Attn: Mr. Paul Haden 500 W. Texas, Suite 1020 Midland, Texas 79701

Dear Mr. Haden:

Last week we emailed you two executed AFEs, one covering the Virgo 24/23 B2HE Federal Com 1#H and one covering the Virgo 24/23 B2IL Federal Com # 1H. We also sent you hard copies of the AFEs by certified mail. Both AFEs had been altered by us to reflect our correct interest in each of the wells rather than the incorrect interest shown on the original copies we had received from Mewbourne.

Later that day you emailed us new AFEs for the two wells with our corrected interests. I have executed the two AFEs and attach them to this letter which we email to you. We also are mailing you the executed AFEs with the original of this letter. For the purpose of drilling two Bone Spring wells we are pleased to pool our working interest with that of other parties to drill the Virgo 24/23 B2HE Federal Com 1#H on its spacing unit comprising the S/2 of the N/2 of Sections 23 and 24 of T. 18S/R.30E NMPM and to pool our working interest with that of other parties to drill the Virgo 24/23 B2IL Fed Com 1H on its spacing unit comprising the N/2 of the S/2 of Sections 23 and 24 of T. 18S/R.30E NMPM.

You asked that we indicate our insurance election. We elect to be covered by the Operator's Extra Expense Insurance. Additionally, if thirty days prior to spudding each of the wells, Mewbourne would like to pre-bill this company for this company's proportionate share of that well's estimated drilling and completion costs, we will pay that pre-bill. Alternatively, if Mewbourne would like to simply bill us as well and completion costs arise, that is acceptable also. Of course, we additionally agree to pay our proportionate share of operating costs.

We look forward to the success of the wells.

. //

naivey E

EXHIBIT A

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

VellName : Virgo 24/23 B2HE Fed Com #1H /Erospect # Bone Spring					
Location SL: 2350' FNL & 205' FEL (24); BHL: 1850' FNL & 330' FWL (23)				ST. NM	
Sec. 24 Bik: Survey 57WP: 18S	RNG	OE Proputive	8746	TMD: 18665	
	T T	I	1		
INTANGIBLE COSTS 0180 Regulatory Permits & Surveys	CODE	TCP	0180-0200	cc	
Location / Road / Site / Preparation	0180-0100 0180-0105		0180-0200	\$50,000	
Location / Restoration	0180-0106		0180-0205	\$30,000	
Daywork / Turnkey / Footage Drilling - 25 days drig / 4 days comp @ \$20,000/d	0180-0110		0180-0210	\$85,400	
Fuel 1500 gal/day @ 2.63/gal	0180-0114		0180-0214	\$200,000	
Mud, Chemical & Additives	0180-0120	\$200,000	0180-0220		
Honzontal Drillout Services Coil Tbg Drillout			0180-0222	\$220,000	
Cementing Logaling & Wireline Services	0180-0125		0180-0225	\$30,000	
Casing / Tubing / Snubbing Services	0180-0130		0180-0230	\$380,000 \$80,000	
Mud Logging	0180-0137	\$30,000		. \$60,000	
Stimulation 49 Stg 19 MM gel / 19 MM lb	*		0180-0241	\$3,100,000	
Stimulation Rentals & Other			0180-0242	\$200,000	
Water & Other	0180-0145		0180-0245	\$600,000	
Bits	0180-0148		0180-0248	\$4,000	
Inspection & Repair Services Misc. Air & Pumping Services	0180-0150 0180-0154	\$40,000	0180-0250	\$5,000	
Testing & Flowback Services	0180-0158	\$15,000	0180-0254 0180-0258	\$10,000 \$30,000	
Completion / Workover Rig	2.33-0138	\$10,000	0180-0250	\$10,500	
Rig Mobilization	0180-0164	\$120,000		7,0,000	
Transportation	0180-0165	\$20,000	0180-0265	\$20,000	
Welding Services	0180-0168		0180-0268	\$15,000	
Contract Services & Supervision	0180-0170		0180-0270	\$51,000	
Directional Services Includes Vertical Control Equipment Rental	0180-0175	\$210,000	0180-0280	\$30,000	
Well / Lease Legal	0180-0180 0180-0184		0180-0280	\$30,000	
Well / Lease Insurance	0180-0185		0180-0285		
Intangible Supplies	0180-0188		0180-0288	\$10,000	
Dameges :	0180-0190	\$5,000	0180-0290	Carlo Contra	
ROW & Easements	0180-0192		0180-0292	\$1,000	
Pipeline interconnect	2122 2125	0404.400	0180-0293	6400.000	
Company Supervision Overhead Fixed Rate	0180-0195 0180-0196		0180-0295 0180-0296	\$163,200 \$20,000	
Well Abandonment	0180-0198	\$10,000	0180-0298	920,000	
Contingencies 10% (TCP) 10% (CC)	0180-0199	\$219,300	0180-0299	\$534,500	
TOTAL		\$2,412,200		\$5,879,600	
TANGIBLE COSTS 0181	J	and way open is	1000 0 000	regions were great	
Casing (19.1" - 30")	0181-0793	A Mark Conners			
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32,50/ft	0181-0794	\$17,400		70	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" = 10.0") .16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft	0181-0794 0181-0795	\$42,500	- 1 mm	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft	0181-0794		0181 0707	= \$151 ROO	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") .16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft	0181-0794 0181-0795	\$42,500	0181-0797 0181-0798	\$151,800 \$43,100	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft	0181-0794 0181-0795	\$42,500 \$211,400	0181-0797 0181-0798	\$151,800 \$43,100	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" = 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.89/ft Casing (4.1" - 8.0") 10400' - 4 1/2" 13.5# P-110 LT&C @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft	0181-0794 0181-0795 0181-0796	\$42,500			
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") . 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger.	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0871	\$43,100	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LT&C @ \$13.66/ft Tübing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods . //	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0871 0181-0875	\$43,100 \$30,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" = 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LT&C @ \$13.66/ft Tübing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Sucker Rods Subsurface Equipment	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0871 0181-0875 0181-0880	\$43,100 \$30,000 \$70,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 8.0") 10400' - 4 1/2" 13.5# P-110 LT&C @ \$13.66/ft Tübing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 	\$43,100 \$30,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") . 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0871 0181-0875 0181-0880 0181-0884 0181-0885	\$43,100 \$30,000 \$70,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 8.0") 10400' - 4 1/2" 13.5# P-110 LT&C @ \$13.66/ft Tübing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 	\$43,100 \$30,000 \$70,000 \$15,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.68/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Coated	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 	\$43,100 \$30,000 \$70,000 \$15,000 \$30,000 \$43,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") . 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Pumping Unit Surface Pumps & Prime Movers Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Coated Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15'x1k# Hor 3ph/Gun bbl	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0875 0181-0875 0181-0890 0181-0886 0181-0886 0181-0890 0181-0890	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$440,000 \$42,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Pumping Unit Surface Pumps & Prime Movers Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Coated Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6"x20"x75# HT	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0871 0181-0876 0181-0886 0181-0886 0181-0886 0181-0890 0181-0890 0181-0891	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$40,000 \$42,000 \$16,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.98/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LT C @ \$13.68/ft Tübing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Tübing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Coated Separation / Treating Equipment Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0871 0181-0876 0181-0886 0181-0886 0181-0886 0181-0896 0181-0896 0181-0897 0181-0897	\$43,100 \$70,000 \$15,000 \$15,000 \$43,000 \$40,000 \$42,000 \$16,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 1 - 750 bbl Steel Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20 x75# HT Metering Equipment Line Pipe & Valves - Gathering	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 9181-0870 0181-0876 0181-0886 0181-0888 0181-0898 0181-0898 0181-0898 0181-0898 0181-0898 0181-0898 0181-0898 0181-0997	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$42,000 \$42,000 \$14,000 \$14,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.98/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LT C @ \$13.68/ft Tübing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Tübing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Coated Separation / Treating Equipment Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0871 0181-0876 0181-0886 0181-0886 0181-0886 0181-0896 0181-0896 0181-0897 0181-0897	\$43,100 \$70,000 \$15,000 \$15,000 \$43,000 \$40,000 \$42,000 \$16,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (6.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.89/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.68/ft Tübing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 1 - 750 bbl Steel Heater Treaters, Line Heaters 6'x20 x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Electrical Installation	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0870 0181-0870 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0890 0181-0890 0181-0990 0181-0990 0181-0908 0181-0908	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$43,000 \$42,000 \$16,000 \$14,000 \$10,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Tubing Head Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20 x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Equipment Installation Equipment Installation	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0871 0181-0871 0181-0880 0181-0885 0181-0885 0181-0895 0181-0895 0181-0895 0181-0890 0181-0990 0181-0908 0181-0908 0181-0908 0181-0908	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$44,000 \$16,000 \$14,000 \$10,000 \$50,000 \$25,000 \$45,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$32.50/ft Casing (8.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Tubing Head Tubing Head *Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oii 3 - 750 bbl Steel Cated Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20 x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Equipment Installation Pipeline Construction	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400 \$40,000	0181-0798 0181-0870 0181-0870 0181-0870 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0890 0181-0890 0181-0990 0181-0990 0181-0908 0181-0908	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$440,000 \$16,000 \$14,000 \$50,000 \$50,000 \$25,000 \$45,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Tubing Head Tubing Head 4 Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Oil 3 - 750 bbl Steel Tanks - Valter 2 - 750 bbl Steel Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20 x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Ejectrical Installation Equipment Installation	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400	0181-0798 0181-0870 0181-0871 0181-0871 0181-0880 0181-0885 0181-0885 0181-0895 0181-0895 0181-0895 0181-0890 0181-0990 0181-0908 0181-0908 0181-0908 0181-0908	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$440,000 \$16,000 \$14,000 \$50,000 \$50,000 \$25,000 \$45,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$32.50/ft Casing (8.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Tubing Head Tubing Head *Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oii 3 - 750 bbl Steel Cated Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20 x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Equipment Installation Pipeline Construction	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400 \$40,000	0181-0798 0181-0870 0181-0870 0181-0880 0181-0880 0181-0888 0181-0890 0181-0891 0181-0895 0181-0990 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$44,000 \$16,000 \$14,000 \$10,000 \$50,000 \$25,000 \$45,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.68/ft Tubing 8230 - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Coated Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20"x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Electrical Installation Pipeline Construction TOTAL SUBTOTAL	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400 .\$40,000 \$311,300 \$2,723,500	0181-0798 0181-0870 0181-0870 0181-0880 0181-0880 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$44,000 \$16,000 \$10,000 \$5,000 \$25,000 \$45,000 \$5,000	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LT&C @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbi Steel Tanks - Water 2 - 750 bbi Steel Coated Separation / Treating Equipment 30"x10"x16# 3 ph/36"x15"x16# Hor 3ph/Gun bbi Heater Treaters, Line Heaters 6x20"x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Ejectrical Installation. Pipeline Construction TOTAL SUBTOTAL	0181-0794 0181-0795 0181-0796 0181-0860	\$42,500 \$211,400 .\$40,000 \$311,300 \$2,723,500	0181-0798 0181-0870 0181-0870 0181-0870 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0890 0181-0900 0181-0900 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$44,000 \$16,000 \$10,000 \$5,000 \$5,000 \$5,000 \$5,000 \$6,514,500	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Oil 3 - 760 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 3 - 760 bbl Steel Tanks - Water 3 - 760 bbl Steel Tanks - Water 4 - 750 bbl Steel Tanks - Water 5 - 750 bbl Steel Tanks - Water 6 - 750 bbl Steel Tanks - Water 7 - 750 bbl Steel Tanks - Water 8 - 750 bbl Steel Tanks - Water 9 - 750 bbl Steel Tanks - Water 1 - 750 bbl Steel Tanks - Water 1 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 3 - 750	0181-0794 0181-0795 0181-0796	\$42,500 \$211,400 .\$40,000 \$311,300 \$2,723,500 \$9,2	0181-0798 0181-0870 0181-0870 0181-0870 0181-0880 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$44,000 \$16,000 \$10,000 \$5,000 \$5,000 \$5,000 \$5,000 \$6,514,500	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8/d @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 760 bbl Steel Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20"x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Ejectrical Installation Pipeline Construction TOTAL SUBTOTAL TOTAL WELL COST ExtraExpense Insurance and pay my propor	0181-0794 0181-0795 0181-0796 0181-0860	\$42,500 \$211,400 .\$40,000 .\$40,000 \$311,300 \$2,723,500 \$9,2	0181-0798 0181-0870 0181-0870 0181-0871 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0990 0181-0990 0181-0990 0181-0990 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$443,000 \$449,000 \$16,000 \$14,000 \$50,000 \$50,000 \$25,000 \$25,000 \$45,000 \$634,900 \$6,514,500	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Caeparation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20"x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Ejectrical Installation Pipeline Construction TOTAL SUBTOTAL TOTAL WELL COST ExtraExpense Insurance and pay my propor Operator has secured Extra Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control, clean of the secure of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of well control, clean of the secured Extra Expense Insurance covering costs of the secured Extra Expense Insurance covering	0181-0794 0181-0795 0181-0796 0181-0860	\$42,500 \$211,400 .\$40,000 .\$40,000 \$311,300 \$2,723,500 \$9,2	0181-0798 0181-0870 0181-0870 0181-0871 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0990 0181-0990 0181-0990 0181-0990 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$443,000 \$449,000 \$16,000 \$14,000 \$50,000 \$50,000 \$25,000 \$25,000 \$45,000 \$634,900 \$6,514,500	
Casing (19.1" - 30") 500" - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000" - 9 5/8" 36# J-55 LT&C @ \$32.50/ft Casing (8.1" - 8.0") 9000" - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400" - 4 1/2" 13.5# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400" - 4 1/2" 13.5# P-110 LT&C @ \$13.66/ft Tubing 8230" - 2 7/8" 6.5# L-80 EUE 8/d @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Caeled Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20"x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Ejectrical Installation Equipment Installation Pipeline Construction I elect to be covered by Operator's Extre Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control, clean to letect to purchase my own well control insurance policy.	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860	\$42,500 \$211,400 .\$40,000 .\$40,000 \$311,300 \$2,723,500 \$9,2	0181-0798 0181-0870 0181-0870 0181-0871 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0990 0181-0990 0181-0990 0181-0990 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$443,000 \$449,000 \$16,000 \$14,000 \$50,000 \$50,000 \$25,000 \$25,000 \$45,000 \$634,900 \$6,514,500	
Casing (19.1" - 30") Casing (10.1" - 19.0") So0" - 13.3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") L6000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (6.1" - 8.0") So0" - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") L7000' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing B230 - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Tubing Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger Sucker Rods Sucker Rods Subsurface Equipment Artificial Lft Systems Pumping Unit Surface Pumps & Prime Movers L72 VRU/SWD Pump/Circ Pump Tanks - Oil Tanks - Oil Tanks - Oil Tanks - Vater 2 - 750 bbl Steel Separation / Treating Equipment Heater Treaters, Line Heaters Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Ejectrical Installation Pipeline Construction Lotal Lot	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860	\$42,500 \$211,400 .\$40,000 .\$40,000 \$311,300 \$2,723,500 \$9,2	0181-0798 0181-0870 0181-0870 0181-0871 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0990 0181-0990 0181-0990 0181-0990 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$443,000 \$449,000 \$16,000 \$14,000 \$50,000 \$50,000 \$25,000 \$25,000 \$45,000 \$634,900 \$6,514,500	
Casing (19.1" - 30") 500" - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000" - 9 5/8" 36# J-55 LT&C @ \$32.50/ft Casing (8.1" - 8.0") 9000" - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400" - 4 1/2" 13.5# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400" - 4 1/2" 13.5# P-110 LT&C @ \$13.66/ft Tubing 8230" - 2 7/8" 6.5# L-80 EUE 8/d @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Caeled Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl Heater Treaters, Line Heaters 6x20"x75# HT Metering Equipment Line Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Ejectrical Installation Equipment Installation Pipeline Construction I elect to be covered by Operator's Extre Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control, clean to letect to purchase my own well control insurance policy.	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860 0181-0860 0181-0860 0181-0860	\$42,500 \$211,400 .\$40,000 .\$40,000 \$311,300 \$2,723,500 \$9,2	0181-0798 0181-0870 0181-0870 0181-0871 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0990 0181-0990 0181-0990 0181-0990 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$443,000 \$449,000 \$16,000 \$14,000 \$50,000 \$50,000 \$25,000 \$25,000 \$45,000 \$634,900 \$6,514,500	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST8C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT8C @ \$24.85/ft Casing (8.1" - 8.0") 9000' - 7" 26# P-110 LT8C @ \$21.99/ft Casing (4.1" - 8.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.68/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 4 - 750 bbl Steel Tanks - Water 5 - 750 bbl Steel Tanks - Water 6 - 750 bbl Steel Tanks - Water 7 - 750 bbl Steel Tanks - Water 8 - 750 bbl Steel Tanks - Water 9 - 750 bbl Steel Tanks - Water 1 - 750 bbl Steel Tanks - Water 1 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 4 - 750 bbl Steel Tanks - Water 5 - 750 bbl Steel Tanks - Water 5 - 750 bbl Steel Tanks - Water 6 - 750 bbl Steel Tanks - Water 7 - 750 bbl Steel Tanks - Water 8 - 750 bbl Steel Tanks	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860 0181-0860	\$42,500 \$211,400 .\$40,000 .\$40,000 \$311,300 \$2,723,500 \$9,2	0181-0798 0181-0870 0181-0870 0181-0871 0181-0880 0181-0880 0181-0880 0181-0890 0181-0890 0181-0990 0181-0990 0181-0990 0181-0990 0181-0900 0181-0900	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$443,000 \$443,000 \$42,000 \$16,000 \$14,000 \$50,000 \$50,000 \$25,000 \$25,000 \$45,000 \$634,900 \$6,514,500	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT&C @ \$24.85/ft Casing (8.1" - 6.0") 9000' - 7" 26# P-110 LT&C @ \$21.99/ft Casing (4.1" - 6.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8/d @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Completion Liner Hanger. Sucker Rods Subsurface Equipment Artificial Lift Systems Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Separation / Treating Equipment Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment Unine Pipe & Valves - Gathering Fittings / Valves & Accessories Cathodic Protection Electrical Installation. Pipeline Construction I clect to be covered by Operator's Extre Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control, clean of the left of the secured Extra Expense Insurance covering costs of well control, clean of the left of the secured Extra Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control, clean of the left of the secured Extra Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control, clean of the left of the secured Extra Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control, clean of the left of the part of the secured By Operator's Extra Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control, clean of the left of the part of the secured By Operator's Extra Expense Insurance and pay my propor Operator has secured Extra Expense Insurance covering costs of well control insurance policy. If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control.	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860 0181-0860 0181-0860 0181-0860	\$42,500 \$211,400 .\$40,000 .\$40,000 \$311,300 \$2,723,500 \$9,2 	0181-0798 0181-0870 0181-0870 0181-0871 0181-0880 0181-0895 0181-0895 0181-0895 0181-0895 0181-0995 0181-0995 0181-0995 0181-0997 0181-0997 0181-0908	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$43,000 \$440,000 \$14,000 \$14,000 \$14,000 \$50,000 \$50,000 \$25,000 \$25,000 \$45,000 \$5,000 \$634,900 \$6,514,500	
Casing (19.1" - 30") Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST8C @ \$32.50/ft Casing (8.1" - 10.0") 16000' - 9 5/8" 36# J-55 LT8C @ \$24.85/ft Casing (8.1" - 8.0") 9000' - 7" 26# P-110 LT8C @ \$21.99/ft Casing (4.1" - 8.0") 10400' - 4 1/2" 13.5# P-110 LTC @ \$13.68/ft Tubing 8230' - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head Tubing Head & Upper Section Horizontal Completion Tools Sucker Rods Subsurface Equipment Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 4 - 750 bbl Steel Tanks - Water 5 - 750 bbl Steel Tanks - Water 6 - 750 bbl Steel Tanks - Water 7 - 750 bbl Steel Tanks - Water 8 - 750 bbl Steel Tanks - Water 9 - 750 bbl Steel Tanks - Water 1 - 750 bbl Steel Tanks - Water 1 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 2 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 3 - 750 bbl Steel Tanks - Water 4 - 750 bbl Steel Tanks - Water 5 - 750 bbl Steel Tanks - Water 5 - 750 bbl Steel Tanks - Water 6 - 750 bbl Steel Tanks - Water 7 - 750 bbl Steel Tanks - Water 8 - 750 bbl Steel Tanks	0181-0794 0181-0795 0181-0796 0181-0860 0181-0860 0181-0860 0181-0860 0181-0860 0181-0860 0181-0860 0181-0860	\$42,500 \$211,400 .\$40,000 .\$40,000 \$311,300 \$2,723,500 \$9,2 	0181-0798 0181-0870 0181-0870 0181-0871 0181-0880 0181-0895 0181-0895 0181-0895 0181-0895 0181-0995 0181-0995 0181-0995 0181-0997 0181-0997 0181-0908	\$43,100 \$30,000 \$70,000 \$15,000 \$43,000 \$443,000 \$443,000 \$42,000 \$16,000 \$14,000 \$50,000 \$50,000 \$25,000 \$25,000 \$45,000 \$634,900 \$6,514,500	

File: Virgo 24-23 B2HE Fed Com #1H AFE.xlsx

Revised: 01/31/2018

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name Virgo 24/23 B2IL Fed Com #1H Pros	spect Bo	ne Spring		
ocation: SL: 2400' FNL & 205' FEL (24); BHL: 1980' FSL & 330' FWL (23)	ounty: Eddy ST: NM.			
Sec. 24 PBIK Survey 188	RNG	30E Prop. TVE	8767	TMD: 18785
INTANGIBLE COSTS 0180	1	тср	CODE	CC
Regulatory Permits & Surveys	0180-0100		0180-0200	
Location / Road / Site / Preparation	0180-0105	\$60,000	0180-0205	\$50,000
Location / Restoration	0180-0108		0180-0206	\$30,000
Daywork / Turnkey / Foctage Drilling 25 days drig / 4 days comp @ \$20,000/d Fuel 1500 gal/day @ 2.63/gal	0180-0110		0180-0210	\$85,400 \$200,000
Mud, Chemical & Additives	0180-0120		0180-0220	7.7
Horizontal Drillout Services Coll Tbg Drillout			0180-0222	\$220,000
Cementing Logging & Wireline Services	0180-0125		0180-0225	\$30,000 \$380,000
Casing / Tubing / Snubbing Service	0180-0134		0180-0234	\$80,000
Mud Logging	0180-0137	\$30,000		
Stimulation 49 Stg 19 MM gal / 19 MM lb	 	f	0180-0241	\$3,100,000 \$200,000
Water & Other	0180-0145	\$50,000	0180-0245	\$600,000
Bits	0180-0148		0180-0248	\$4,000
Inspection & Repair Services Misc. Air & Pumping Services	0180-0150		0180-0250	
Testing & Flowback Services	0180-0158		0180-0258	\$30,000
Completion / Workover Rig [8400.05	0180-0260	\$10,500
Rig Mobilization	0180-0164		0180-0265	\$20,000
Welding Services	0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision	0180-0170		0180-0270	\$51,000
Directional Services Includes Vertical Control Equipment Rental	0180-0175		0180-0280	\$30,000
Well / Lease Legal	0180-0184		0180-0284	. 430,000
Well / Lease Insurance	0180-0185		0180-0285	2 24 2 4 5
Intangible Supplies	0180-0188		0180-0288	\$10,000
Damages ROW & Easements	0180-0190		0180-0290	\$1,000
Pipeline Interconnect			0180-0293	
Company Supervision	0180-0195		0180-0295	\$163,200
Overhead Fixed Rate Well Abandonment	0180-0198		0180-0296 0180-0298	\$20,000
Contingencies 10% (TCP) 10% (CC)	0180-0199		0180-0299	\$534,500
TOTAL		\$2,412,200		\$5,879,600
TANGIBLE COSTS, 0181				
[Casing (19.1" - 30")	0181-0793		ļ	
Casing (10.1" - 19.0") 500' - 13 3/8" 54.5# J-55 ST&C @ \$32.50/ft Casing (8.1" - 10.0") 1500' - 9 5/8" 36# J-55 LT&C @ \$24.65/ft	0181-0794 0181-0795		· · · · · · · ·	
Casing (6.1" - 8.0") 9025' - 7" 26# P-110 LT&C @ \$21.99/ft	0181-0796		77 V	
Casing (4.1" 6.0") 10500' - 4 1/2" 13.5# P-110 LTC @ \$13.66/ft	 		0181-0797	\$153,200 \$43,200
Tubing 8250" - 2 7/8" 6.5# L-80 EUE 8rd @ \$4.90/ft Drilling Head	0181-0860	\$40,000	0181-0798	\$43,200
Tubing Head & Upper Section			0181-0870	\$30,000
Horizontal Completion Tools Completion Liner Hanger		* ********	0181-0871	
Sucker Rods Subsurface Equipment	╂		0181-0875	
Artificial Lift Systems Gas Lift Valves			0181-0884	\$15,000
Pumping Unit	 	ļ.,	0181-0885	****
Surface Pumps & Prime Movers 1/2 VRU/SWD Pump/Circ Pump Tanks - Oil 3 - 750 bbl Steel	1	man Talent Talen	0181-0886 0181-0890	
Tanks - Water 2 - 750 bbi Steel Coated			0181-0891	\$40,000
Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl			0181-0895	\$42,000
Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment	-	 * = = = =	0181-0897	\$16,000 \$14,000
Line Pipe & Valves - Gathering		فاستنب برابعه عابيات	0181-0900	\$10,000
Fittings / Valves & Accessories		1,5 - 1990, 13,000 - 5,000	0181-0906	
Cathodic Protection Electrical Installation	-	 	0181-0908	\$5,000
Equipment Installation		U 40 40 1	0181-0910	\$45,000
Pipeline Construction			0181-0920	\$5,000
TOTAL		\$311,900	<u> </u>	\$636,400
SUBTOTAL		\$2,724,100		\$6,516,000
TOTAL WELL COST		\$9,2	40,100	and grave government.
Extra Expense Ineurance 35 (1) 13 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	**************************************	ALC: W. CH.		
I elect to be covered by Operator's Extra Expense Insurance and pay my propo				
Operator has secured Extra Expense Insurance covering costs of well control, clean	up and redri	iling as estimated i	n 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 con	Irol Insurance.		A.	,
Prepared by:	2/6/20	18		
Company Approval: T. Whittee Date	2/6/201	- :< 18		
	THE CHAPTER IN			
Joint Owner Interest: 0.93570000% Amount: \$86,459.62				8 L. Vie
Joint Owner Name; Jalapeno Corporation	ma		4 5	WALLY !
File: Virgo 24-23 B2IL Fed Com #1H AFE.xlsx		V	Revise	ed: 01/31/2018