District 1 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				Minera OIL CO 122	3 2018	Form C-102 sed August 1, 2011 opy to appropriate District Office ENDED REPORT				
1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462				RECEIVE						
WELL LOCATION AND ACREAGE DEDICATION PLAT										
API Number 30-015-44898			96	96473 Pierce Cassing 3 Pool Name					m Fast	
⁴ Property Code 321273		⁵ Property Name POKER LAKE UNIT 18 BRUSHY DRAW						Vell Number 703H		
⁷ OGRID No. 21(0737		BOPCO, L.P.							Elevation 3169'	
- allo					10 Surface L	ocation				
UL or lot no. F	Section 18	Township 25 S	Range 30 E	Lot Idn	Feet from the 2,310	North/South line NORTH	Feet from the 1,365	East/West line WEST	County EDDY	
"Bottom Hole Location If Different From Surface										
UL or lot no. N	Section 19	Township 25 S	Range 30 E	Lot Idn	Feet from the 200	North/South line SOUTH	Feet from the 1,650	East/West line WEST	County EDDY	
¹² Dedicated Acro 24D	es ¹³ Joint o	r Infill ¹⁴ C	onsolidation Co	de ¹⁵ Orde	er No.	10 UI				

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

Image: Note of the i	L 14				
1365 SL SURFACE LOCATION Y= 411,610.0 SURFACE LOCATION Y= 411,610.0 Full Section Y= 411,610.0 Interview of the fundamina combined formation with the section on bind of the fundamina combined formation with the section on bind of the fundamina combined formation with the section on bind of the fundamina combined formation with the section on bind of the fundamina combined formation with the section on bind of the fundamina combined formation with the section on bind of the fundamina combined formation with the section on bind of the fundamina combined formation with the section on bind of the fundamina combined formation with the section on bind of the fundamina combined formation with the section with the section of the fundamina combined formation with the section with the section with the section of the fundamina combined formation with the section with the sectin with the section with the secombined formatif with t	16 F	1	GEODETIC COORDINATES	GEODETIC COORDINATES	¹⁷ OPERATOR CERTIFICATION
1365* X= 626,551.9 X= 627,730.5 1365* SL CMC CMC S13977N Lait SL CMC		1 1 1			I hereby certify that the information contained herein is true and complete
1365 S.L. CRID. AZ=157/28/56* 1365 S.L. Herrorest and the continue of the angle of the continue of the continue of the angle of the continue of th		1 0 1			to the best of my knowledge and belief. and that this organization either
1365 S.L. CRID AZ=15728756" MORZ. DIST-754.9" LONG.= 103.924514'W LONG.= 103.924998'W the proposed battom hole location are har a right to drill this well are this more than a owner of such a million of the are comparison of the analysis of the		- 53 -			owns a working interest or unleased mineral interest in the land including
3.L HORZ. DIST.=754.9' IF IND 1027 NuEl Y = 410,012.7 Y = 410,317.0 Y = 410,917.0 X = 426,840.9 X = 410,317.0 X = 426,840.9 Image: Construction of and a standard of model and the analysis of models of		+			the proposed bottom hole location or has a right to drill this well at this
1365* A F.T.P. 1B A Y=407, MBC Y=60, 01 MC A Geo Land Y=60, 01 MC A Geo Land Y=60, 01 MC Y=60, 0215, 01		HOPIZ DIST -754 0'			location pursuant to a contract with an owner of such a mineral or working
1850 18 X= 626,840.9 X= 626,820.9 X= 626,820.9 X= 626,820.9 1850 103.9223599W LAT.= 32,129177W LAT.= 32,129177W LAT.= 32,129177W 1850 1 1 1 A - Y = 411,260.5 N, X= 627,873.5 E A - Y = 411,260.5 N, X= 627,893.5 E A - Y = 411,260.5 N, X= 627,875.5 E C - Y = 406,601.2 N, X= 627,943.5 E A - Y = 411,260.5 N, X= 627,943.5 E A - Y = 405,943.0 N, X= 627,915.6 E A - Y = 405,943.0 N, X= 627,915.6 E A - Y = 405,943.0 N, X= 627,915.6 E A - Y = 403,2285.0 N, X= 627,915.6 E A - Y = 403,2285.0 N, X= 627,915.6 E A - Y = 403,2285.0 N, X= 627,915.6 E A - Y = 411,315.8 N, X= 667,917.9 E B - Y = 403,696.5 N, X= 627,917.9 E B - Y = 403,696.5 N, X= 667,917.9 E B - Y = 403,696.5 N, X= 667,917.9 E B - Y = 403,696.5 N, X= 667,917.9 E B - Y = 403,696.5 N, X= 667,917.9 E B - Y = 403,696.5 N, X= 667,917.9 E B - Y = 403,696.5 N, X= 667,917.9 E B - Y = 403,696.5 N, X= 667,917.9 E B - Y = 403,696.5 N, X= 667,917.9 E B - Y = 403,696.5 N, X= 669,027.2 E I - Y = 406,6012.4 N, X = 667,923.5 E I - Y = 406,6012.4 N, X = 667,923.5 E I - Y = 403,614.8 N, X = 667,923.5 E I - Y = 403,614.8 N, X = 667,923.5 E I - Y = 403,614.1 N, X = 667,923.5 E I - Y = 403,617.4 N, X = 667,923.5 E I - Y = 403,614.1 N, X = 667,923.5 E I - Y = 403,614.1 N, X = 667,923.5 E I - Y = 403,616.8 Y = 403,574.8 E I - Y = 403,423.1 N,	1365	S.L.			interest, or to a voluntary pooling agreement or a compulsory pooling
1850 1.1.F. LONG.= 103.923589'W LONG.= 103.924073'W Aught and the second and the	1000	AL	X= 626,840.9	X= 668,025.6	order heretofore entered by the division.
CORRER COORDINATES TABLE A - Y = 411,260,5 N, X = 626,533,3 E B - Y = 411,260,5 N, X = 626,546,3 E B - Y = 403,601,2 N, X = 626,546,3 E C - Y = 406,602,3 N, X = 626,546,3 E C - Y = 406,603,3 N, X = 626,546,3 E C - Y = 405,951,0 N, X = 626,546,3 E C - Y = 405,951,0 N, X = 627,916,6 E H - Y = 403,282,6 N, X = 627,916,6 E H - Y = 403,282,6 N, X = 627,916,6 E C - Y = 403,282,6 N, X = 627,916,6 E H - Y = 403,282,6 N, X = 627,916,6 E C - Y = 403,282,6 N, X = 627,916,6 E H - Y = 403,383, N X = 667,772,8 E C - Y = 406,609,2 N, X = 667,747,8 E C - Y = 406,609,2 N, X = 667,747,8 E C - Y = 403,686,5 N, X = 667,747,8 E C - Y = 403,686,5 N, X = 667,747,8 E C - Y = 403,680,5 N, X = 667,747,8 E C - Y = 403,680,5 N, X = 667,747,8 E C - Y = 403,680,5 N, X = 667,747,8 E C - Y = 403,680,5 N, X = 667,747,8 E C - Y = 403,680,5 N, X = 667,747,8 E C - Y = 403,680,5 N, X = 667,747,8 E C - Y = 403,680,5 N, X = 667,747,8 E C - Y = 403,680,5 N, X = 667,747,8 E C - Y = 403,616,8 Y = 403,674,9 X = 628,680,6 N, X = 668,704,9 E C - Y = 403,680,5 N, X = 667,747,8 E C - Y = 403,616,8 Y = 403,674,9 X = 628,680,6 N = 403,674,9 X = 628,680,6 Y = 403,674,9 X = 628,680,9 Y = 403,674,9 X = 62	1650				Australi Datadua 10.101
$A - Y = 411,260.5 \text{ N}, X = 626,533.3 \text{ E} \\ B - Y = 411,260.7 \text{ N}, X = 626,573.75 \text{ E} \\ C - Y = 408,601.2 \text{ N}, X = 626,573.75 \text{ E} \\ C - Y = 408,601.3 \text{ N}, X = 626,573.0 \text{ E} \\ F - Y = 405,995.10 \text{ N}, X = 626,573.0 \text{ E} \\ F - Y = 405,995.10 \text{ N}, X = 626,573.4 \text{ E} \\ H - Y = 403,282.6 \text{ N}, X = 626,577.4 \text{ E} \\ H - Y = 403,282.6 \text{ N}, X = 626,577.4 \text{ E} \\ H - Y = 403,282.6 \text{ N}, X = 627,912.6 \text{ E} \\ A - Y = 411,318.8 \text{ N}, X = 627,912.6 \text{ E} \\ A - Y = 411,325.0 \text{ N}, X = 627,916.6 \text{ E} \\ H - Y = 403,601.2 \text{ N}, X = 667,717.9 \text{ E} \\ B - Y = 411,325.0 \text{ N}, X = 669,022.2 \text{ E} \\ C - Y = 408,665.5 \text{ N}, X = 669,072.2 \text{ E} \\ C - Y = 408,665.5 \text{ N}, X = 669,072.2 \text{ E} \\ C - Y = 408,665.5 \text{ N}, X = 669,072.2 \text{ E} \\ C - Y = 408,665.5 \text{ N}, X = 669,072.2 \text{ E} \\ C - Y = 403,535.0 \text{ N}, X = 667,747.8 \text{ E} \\ F - Y = 406,001.2 \text{ N}, X = 667,747.8 \text{ E} \\ F - Y = 406,001.2 \text{ N}, X = 667,747.8 \text{ E} \\ F - Y = 406,001.2 \text{ N}, X = 667,747.8 \text{ E} \\ F - Y = 406,001.2 \text{ N}, X = 667,747.8 \text{ E} \\ F - Y = 406,001.2 \text{ N}, X = 667,747.8 \text{ E} \\ F - Y = 406,001.2 \text{ N}, X = 667,747.8 \text{ E} \\ F - Y = 403,656.5 \text{ N}, X = 669,002.3 \text{ E} \\ G - Y = 403,335.0 \text{ N}, X = 667,747.3 \text{ E} \\ F - Y = 403,665.5 \text{ N}, X = 669,702.9 \text{ E} \\ G - Y = 403,656.5 \text{ N}, X = 669,702.9 \text{ E} \\ X = 626,886.0 \text{ L} X = 688,070.9 \text{ L} \\ X = 32.109896 \text{ N} \text{ L} X = 32.109120 \text{ N} \\ DNG = 103.9235333 \text{ W} \text{ LONG} = 103.924016^{\text{W}} \text{ MAB B3 \text{ NME} } \\ Y = 403,466.8 \text{ Y} = 403,544.9 \text{ X} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 628,866.9 \text{ N} X = 638,071.3 \text{ N} \\ X = 638,060.73 \text{ N} \\ X = 638,060.73 \text{ N} \\ X = 638,060$	1000		CORNER COOR	DINATES TABLE	Signature Date
C Y=408,601.2 N, X=625,548.3 E D - Y=408,601.2 N, X=627,694.5 E D - Y=403,285.0 N, X=627,916.6 E Primted Name C D SEC. 18 F - Y=403,285.0 N, X=627,916.6 E F - Y=403,285.0 N, X=627,916.6 E SEC. 19 CORNER COORDINATES TABLE NAD 83 NME NA SEC. 119 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this B - Y=411,318.8 N, X=667,713.0 E C Y=408,669.4 N, X=667,713.9 E SEC. 19 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this B - Y=411,325.6 N, X=669,062.2 E C Y=408,669.4 N, X=667,773.2 E SEC. 19 C Y=403,669.4 N, X=667,773.2 E D - Y=408,665.5 N, X=669,069.3 E SEC. 19 C Y=403,360.7 N, X=669,010.2 E D - Y=408,665.6 N, X=669,069.3 E SEC. 19 D - Y=408,665.6 N, X=669,010.5 E Y=403,350.7 N, X=669,101.5 E LAST TAKE POINT LAST TAKE POINT NAD 27 NME NAD 83 NME X= 626,886.0 X= 668,070.9 X= 626,886.9 X= 668,070.9 X= 668,070.9 X= 00.8 X= 0					chabrain D.b. A.
C - V= 408,608.3 N, X = 627,6945.3 E E - Y= 405,951.0 N, X = 627,6945.3 E E - Y= 405,951.0 N, X = 627,6945.3 E E - Y= 405,951.0 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,916.6 E H - Y = 403,292.6 N, X = 627,717.9 E E - Y = 408,666.5 N, X = 669,773.0 E D - Y = 408,666.5 N, X = 669,773.0 E D - Y = 408,666.5 N, X = 667,773.0 E E - Y = 408,666.5 N, X = 667,774.8 E F - Y = 406,009.2 N, X = 667,747.8 E F - Y = 406,009.2 N, X = 667,747.8 E G - Y = 403,343.1 N, X = 667,762.3 E H - Y = 403,3616.8 Y = 403,674.9 X X = 626,886.0 X = 668,070.9 X I = Y = 403,616.8 Y = 403,674.9 X X = 626,886.0 X = 668,070.9 X I = 1 - Y = 403,616.8 Y = 403,674.9 X X = 626,886.0 X = 668,070.9 X I = 403,616.8 Y = 403,614.9 X X = 626,886.9 X = 668,070.9 X I = 403,486.8 Y = 403,544.9 X X = 626,886.9 X = 668,070.9 X I = 403,486.8 Y = 403,544.9 X X = 626,886.9 X = 668,070.9 X I = 403,486.8 Y = 403,544.9 X X = 626,886.9 X = 668,070.9 X I = 403,486.8 Y = 403,544.9 X X = 626,886.9 X = 668,070.9 X I = 403,486.8 Y = 403,544.9 X X = 668,670.8 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,670.8 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,686.9 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,686.9 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,686.9 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,686.9 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,686.9 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,686.9 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,686.9 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,686.9 X = 668,070.8 X I = 403,486.8 Y = 403,544.9 X X = 668,686.9 X = 668,070.8 X I = 403,486.8 Y	-	+ + + + + +			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	12.1	1 310			Printed Name
c p SEC. 18 F - Y = 403,285.0 N, X = 627,915.8 E C - Y = 403,285.0 N, X = 627,916.6 E H - <		1 10 1			Stophinia Vabraliab
Image: SEC. 19 SEC. 19 Image: SEC. 19 Image: SEC. 100 Image: SEC. 19 Image: SEC. 100 Image: SEC. 19 Image: SEC. 100 Image: SEC. 100 Image: SEC. 1		SEC 18	F - Y= 405,951.0	N, X= 627,904.5 E	
CORNER COORDINATES TABLE NAD 83 NME A - Y= 411,318.8 N, X= 667,717.9 E B - Y= 411,318.8 N, X= 667,717.9 E B - Y= 411,318.8 N, X= 667,717.9 E B - Y= 411,325.0 N, X= 669,062.2 E C - Y= 408,659.4 N, X= 669,073.2 E C - Y= 408,659.4 N, X= 669,073.2 E C - Y= 408,659.4 N, X= 669,073.2 E C - Y= 408,659.4 N, X= 669,074.2 B F - Y= 406,001.2 N, X= 669,074.2 B F - Y= 403,343.1 N, X= 667,762.3 E H - Y= 403,343.1 N, X= 667,762.3 E H - Y= 403,350.7 N, X= 669,071.5 E LAST TAKE POINT NAD 27 NME LT.P.					Aderergy. an
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		SEC. 19	CORNER COOR	INATES TABLE	¹⁸ SURVEYOR CERTIFICATION
A - Y = 411,316.5 N, X = 667,717.9 E $A - Y = 411,316.5 N, X = 667,743.8 E$ $A - Y = 411,316.5 N, X = 667,743.8 E$ $A - Y = 411,316.5 N, X = 667,743.8 E$ $A - Y = 411,325.0 N, X = 667,743.8 E$ $A - Y = 408,666.5 N, X = 669,077.2 E$ $C - Y = 408,666.5 N, X = 669,077.2 E$ $C - Y = 408,660.9 N, X = 667,747.8 E$ $A - Y = 410,3343.1 N, X = 667,747.8 E$ $A - Y = 410,3343.1 N, X = 667,747.8 E$ $A - Y = 403,343.1 N, X = 667,742.8 E$ $A - Y = 403,343.1 N, X = 667,742.8 E$ $A - Y = 403,343.1 N, X = 669,089.3 E$ $A - Y = 403,343.1 N, X = 669,079.3 E$ $A - Y = 403,343.1 N, X = 669,071.5 E$ $A - Y = 403,616.8 Y = 403,674.9 NAD 23 NME$ $Y = 403,616.8 Y = 403,674.9 NAD 23 NME$ $Y = 403,616.8 Y = 403,674.9 NAD 23 NME$ $Y = 403,616.8 Y = 403,674.9 NAD 23 NME$ $Y = 403,616.8 Y = 403,674.9 NAD 23 NME$ $Y = 403,616.8 Y = 403,674.9 NAD 23 NME$ $Y = 403,616.8 Y = 403,674.9 NAD 23 NME$ $Y = 403,616.8 Y = 403,674.9 NAD 23 NME$ $Y = 403,616.8 Y = 403,674.9 NAT = 32.109120 N$ $I I$			NAD 83	3 NME	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	8				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		+	C - Y= 408,659.4	N, X= 667,733.0 E	plat was plotted from field notes of actual surveys
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					made by me or under my supervision, and that the
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			F - Y= 406,009.2	N, X= 669,089.3 E	same is true and correct to the best of my belief.
1650' LAST TAKE POINT HORIZ. DIST.=7426.3' 1 1 1 <t< td=""><td></td><td>ELIF +</td><td></td><td></td><td>05 17 2017</td></t<>		ELIF +			05 17 2017
GRID AZ.=179'38'37" HORIZ. DIST.=7426.3' 1 NAD 27 NME NAD 83 NME Y = 403,616.8 Signatue and Seal of Y = 403,616.9 1 </td <td></td> <td></td> <td>LAST TAKE DOINT</td> <td>LAST TAKE DOINT</td> <td></td>			LAST TAKE DOINT	LAST TAKE DOINT	
1 1		GRID AZ.=179'38'37"			Date of Survey
LAT.= 32.108996'N LAT.= 32.109120'N LONG.= 103.923533'W LONG.= 103.924016'W BOTTOM HOLE LOCATION BOTTOM HOLE LOCATION NAD 27 NME NAD 83 NME Y= 403,486.8 Y= 403,544.9 X= 668,071.8 LAT.= 32.108638'N LAT.= 32.108763'N LAT.= 32.108638'N LAT.= 32.108763'N MARK DILLON HARP 23786		HORIZ. DIST.=7426.3'	Y= 403,616.8	Y= 403,674.9	Signatue and Seal of
LONG.= 103.923533'W LONG.= 103.924016'W BOTTOM HOLE LOCATION BOTTOM HOLE LOCATION NAD 27 NME NAD 83 NME Y= 403,486.8 Y= 403,544.9 X= 626,886.9 X= 668,071.8 LAT.= 32,108638'N LAT 32,108763'N LAT.= 32,108638'N LAT 32,108763'N MARK DILLON HARP 23786					
1650' 16		++++			(23/80)
1650' 16	1.25		BOTTOM HOLE LOCATION	BOTTOM HOLE LOCATION	
1650' 16		L.T.P.			Too 2
	1050				MARK DILLON HARP 23786
	197.2	8 B.H. 2			Certificate Number DH 2017050630

Pw 4-25-18