API NUMBER: 017 25470

Liner not required for Category: C
Pit Location is NON HSA
Pit Location Formation: BLAINE

Oil & Gas

Horizontal Hole

OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000 (Rule 165:10-3-1)

Approval Date:	06/03/2019
Expiration Date:	12/03/2020

PERMIT TO DRILL

NELL LOCATION: Sec: 06 Twp: 12N Rge: 7W SPOT LOCATION: SE NE SE SW FE	County: CANA ET FROM QUARTER: FROM		EAST		
	CTION LINES:	910	2344		
Lease Name: PHOENIX 7-12-7	Well No:	4MH	Well will be	910 feet from nearest unit or lease boundary.	
Operator JONES ENERGY LLC Name:		Telephone: 512	23282953	OTC/OCC Number: 21043 0	
JONES ENERGY LLC 807 LAS CIMAS PKWY STE 350			JONES ENERGY LLC SUITE 350		
AUSTIN, TX 78	3746-6193		807 LAS CIMAS PAR	AS CIMAS PARKWAY	
Account, 1X 70	7740 0100		AUSTIN	TX 78746	
Formation(s) (Permit Valid for Listed Formation(s) Name 1 MISSISSIPPIAN 2 3 4 5	Depth 9949	6 7 8 9 10	Name	Depth	
Spacing Orders: No Spacing	Location Exception (Orders:	Ir	ncreased Density Orders:	
Pending CD Numbers: 201902665 201902671 201902666 Total Depth: 16002 Ground Elevation: 1348	Surface (Casing: 1500		pecial Orders: to base of Treatable Water-Bearing FM: 310	
Hodor Endoral Incindiation No.	Fresh Weter	Supply Wall Drillad	No		
Under Federal Jurisdiction: No Fresh Water Suppl			rilled: No Surface Water used to Drill: Yes Approved Method for disposal of Drilling Fluids:		
PIT 1 INFORMATION Type of Rit System: CLOSED, Closed System Magne Stee	I Dito	Арр	proved Method for disposal of Drillin	ig Fluids:	
Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000			D. One time land application (REQUIRES PERMIT) PERMIT NO: 19-3622 H. SEE MEMO		
Is depth to top of ground water greater than 10ft below base of Within 1 mile of municipal water well? Wellhead Protection Area? N	of pit? Y				
Pit is not located in a Hydrologically Sensitive Area.					
Category of Pit: C					

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED
Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C
Pit Location is NON HSA
Pit Location Formation: BLAINE

HORIZONTAL HOLE 1

Sec 07 Twp 12N Rge 7W County CANADIAN

Spot Location of End Point: S2 SW SE SE
Feet From: SOUTH 1/4 Section Line: 165
Feet From: EAST 1/4 Section Line: 990

Depth of Deviation: 9660
Radius of Turn: 900
Direction: 170
Total Length: 4928

Measured Total Depth: 16002

True Vertical Depth: 10541

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

MEMO

Category Description

DEEP SURFACE CASING 5/22/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF

CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR

SURFACE CASING

HYDRAULIC FRACTURING 5/22/2019 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE:

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE

"FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK:

OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

5/22/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 -

OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201902665 5/31/2019 - G56 - (320)(HOR) E2 7-12N-7W

EST MSSP, OTHERS

COMPL INT (MSSP) NCT 660' FB

(COEXIST WITH SP # 146122 MSSP, OTHER; # 147489 MSSP, OTHER) REC 5/28/2019 (MOORE)

Category Description

PENDING CD - 201902666 5/31/2019 - G56 - E2 7-12N-7W

X201902665 MSSP 4 WELLS

NO OP NAMED

REC 5/28/2019 (MOORE)

5/31/2019 - G56 - (I.O.) E2 7-12N-7W X201902665 MSSP, OTHERS PENDING CD - 201902671

COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 990' FEL

NO OP NAMED

REC 5/28/2019 (MOORE)

JONES Well Location Plat S.H.L. Sec. 6-12N-7W I.M. B.H.L. Sec. 7-12N-7W I.M. Operator: JONES ENERGY, LTD. Lease Name and No.: PHOENIX 7-12-7 4MH Footage: 910' FSL - 2344' FWL Gr. Elevation: 1348' Section: 6 Township: 12N Range: 7W I.M. County: Canadian State of Oklahoma Terrain at Loc.: Location fell in flat open pasture. 1" = 1320' S89°47'57*E —_2832'— S89°47'57"E -----2657"-----**:200651** GPS DATUM NAD 27 X:2002989 Y:200664 X:2008277 Y:200647 T12N-R7W OK NORTH ZONE Surface Hole Loc.: LOT3 Lat: 35°32'21,74"N LOT 4 LOT 2 LOT 1 Lon: 97°58'54.68"W Lat: 35,53937084 Lon: -97.98185560 X: 2005399 Y: 196337 Entry Point: LOT 5 Lat: 35°32'10.89"N Lon: 97°58'32.06"W Lat: 35,53635860 X:2003028 6 X:2008267 Y:198022 Lon: -97.97557191 X: 2007268 Y: 195241 LOT 6 Bottom Hole Loc.: Lat: 35°31'22.15"N N00"51"12"W Lon: 97°58'32.31"W Lat: 35.52282068 Lon: -97.97564076 X: 2007249 Y: 190313 N89°18'21"W X:2003067 Y:195444 X:2008259 Y:195394 ------165' FNL - 990' FEI LOT 1 X:2003060 Y:192808 X:2003054 Y:190160 X:2008238 X:200561 2557 2628 SSIONAL Arkoma Surveying and Mapping, PLLC Certification: P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030 Certificate of Authorization No. 5348 Expires June 30, 2020 LANCE G. This is to certify that this Well Location Plat represents MATHIS the results of a survey made on the ground performed under the supervision of the undersigned. 1664 Invoice #7768-C-D OKLAHOMA Date Staked: 12/11/18 By: D.K. Date Drawn: 12/13/18 By: E.W. Rev. LP & BHL: 05/08/19 By: C.K. 05/31/19 OK LPLS 1664 LANCE G. MATHIS