API NUMBER: 151 24533

Oil & Gas

Horizontal Hole

Name:

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

Approval Date: 07/12/2018
Expiration Date: 01/12/2019

180 feet from nearest unit or lease boundary.

24174 0

OTC/OCC Number:

PERMIT TO DRILL

WELL LOCATION:	Sec: 25 Tr	wp: 28N	Rge: 13\	N County	: WOO	DDS		
SPOT LOCATION:	S2 S2	sw	SE	FEET FROM QUARTER:	FROM	SOUTH	FROM	EAST
				SECTION LINES:		180		1980
Lease Name: SNEARY 25-28-13			We	ell No:	2H			
Operator	BCE-MACH LL	LC				Teleph	one:	4052528151

14201 WIRELESS WAY STE 300

BCE-MACH LLC

OKLAHOMA CITY, OK 73134-2512

LUCILLE I. SNEARY REVOCABLE TRUST

Well will be

527 MIMOSA DR

ALVA OK 73717

Formation(s) (Permit Valid for Listed Formations Only):

1 MISSISSIPPIAN 5118 6	
2 7	
3 8	
4 9	
5 10	
Spacing Orders: 610092 Location Exception Orders: Increased Density Orders:	

Pending CD Numbers: 201804762 Special Orders:

201804763

Total Depth: 9975 Ground Elevation: 1273 Surface Casing: 600 Depth to base of Treatable Water-Bearing FM: 490

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34875
Chlorides Max: 25000 Average: 5000
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Chlorides Max: 25000 Average: 5000

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C
Pit Location is AP/TE DEPOSIT
Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 25 Twp 28N Rge 13W County WOODS

Spot Location of End Point: N2 N2 NW NE
Feet From: NORTH 1/4 Section Line: 150
Feet From: EAST 1/4 Section Line: 1980

Depth of Deviation: 4743
Radius of Turn: 477
Direction: 359
Total Length: 4482

Measured Total Depth: 9975

True Vertical Depth: 5220

End Point Location from Lease,
Unit. or Property Line: 150

Notes:

Category Description

HYDRAULIC FRACTURING 7/11/2018 - 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

PENDING CD - 201804762 7/12/2018 - G58 - 25-28N-13W

X610092 MSSP 1 WELL NO OP. NAMED REC 7/9/2018 (MILLER)

PENDING CD - 201804763 7/12/2018 - G58 - (I.O.) 25-28N-13W

X610092 MSSP

COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 1320' FEL

NO OP. NAMED REC 7/9/2018 (MILLER)

SPACING - 610092 7/12/2018 - G58 - (640) 25-28N-13W

VAC 328308 MISS EST OTHER

EXT 593260 MSSP, OTHERS

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS 151-24533 WOODS County, Oklahoma 180'FSL - 1980'FEL Section _ 25 Township <u>28N</u> Range <u>13W</u> I.M. X 1842060 Y 686385 BOTTOM HOLE for X 1839436 Y 686418 X 1836813 Y 686451 The information shown herein is construction purposes ONLY. 644 1980 BOTTOM HOLE 150'FNL-1980'FEL NAD-27 (US Feet) 36'53'02.3" N 98'32'48.3" W 36.883963189° N 98.546761021° W X = 1840079Y=686260 2494' WOODS CO. 25 PROPOSED 1836789 683797 X 1842051 Y 683747 728N-R13W T28N-R12M DRILL QGR4A PATH LANDING POIN 657'FSL-1980'FEL NAD-27 (US Feet) 36'52'18.0" N 98'32'48.2" W 36.871654119' N 98.546727216' W 557 1958 GUIDE MERIDIAN WEST LANDING POINT 2464 X=1840064 Y=681778 GRID 658 NAD-27 OK NORTH US Feet 180 500' 1000' = LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED. Operator: <u>MACH RESOURCES</u> **ELEVATION:** Lease Name: _ SNEARY 25-28-13 1273' Gr. at Stake Well No .: _ Topography & Vegetation <u>Loc. fell in level wheat field</u> Reference Stakes or Alternate Location Stakes Set None Yes Good Drill Site? ____ Best Accessibility to Location ____ From South off county road Distance & Direction From Capron, OK, go ±1.7 mi. South, then ±2.0 mi. East to the from Hwy Jct or Town _ SE Cor. of Sec. 25-T28N-R13W ROTESSIONAL Date of Drawing: May 22, 2018 Invoice # 293505 Date Staked: May. 07, 2018 AC DATUM: NAD-27 LAT: __36°52'13.2"N LONG: 98°32'48.2"W **CERTIFICATE:** CENSED This information gathered with a GPS with ±1 fool Horiz,/Vert. LAT: __36.870344007° N THOMAS L Thomas L. Howell ___an Oklahoma Licensed Land HOWELL LONG: 98.546723619° W Surveyor and an authorized agent of Topographic Land STATE PLANE Surveyors of Oklahoma, do hereby certify to the 1433 COORDINATES: (US Feet) information shown herein ZONE: OK NORTH OKLAHOMP LAHOMA X:___1840063 Oklahoma Lic. No. 1433 681301