

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

API NUMBER: 003 23381

Approval Date: 07/29/2019
Expiration Date: 01/29/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 27N Rge: 11W County: ALFALFA
SPOT LOCATION: NW NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 270 235

Lease Name: LEAMON 29-27-11 Well No: 4H Well will be 235 feet from nearest unit or lease boundary.
Operator Name: BCE-MACH LLC Telephone: 4052528151 OTC/OCC Number: 24174 0

BCE-MACH LLC
14201 WIRELESS WAY STE 300
OKLAHOMA CITY, OK 73134-2512

CATHY LEAMON HICKMAN
1027 S COLORADO AVE.
CHEROKEE OK 73728-

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5311	6
2			7
3			8
4			9
5			10

Spacing Orders: 606664

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903815
201903627

Special Orders:

Total Depth: 10654

Ground Elevation: 1213

Surface Casing: 250

Depth to base of Treatable Water-Bearing FM: 100

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 25000 Average: 8000

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36808

H. CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

Sec 29 Twp 27N Rge 11W County ALFALFA

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 340

Depth of Deviation: 4810

Radius of Turn: 598

Direction: 2

Total Length: 4905

Measured Total Depth: 10654

True Vertical Depth: 5415

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

Additional Surface Owner	Address	City, State, Zip
CONNIE LEAMON MITCHEL	1022 VILLAS CREEK DR.	EDMOND, OK 73003-
CHRISTA LEAMON HUGHES	1005 W MAIN ST.	CARMEN, OK 73726-

Notes:

Category

Description

HYDRAULIC FRACTURING

7/18/2019 - 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

PENDING CD - 201903627

7/29/2019 - GB1 - (E.O.) 29-27N-11W
X606664 MSSP
X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO EXISTING AND/OR PROPOSED WELLBORES
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FWL
BCE-MACH LLC
REC. 7/16/2019 (NORRIS)

PENDING CD - 201903815

7/29/2019 - GB1 - 29-27N-11W
X606664 MSSP
1 WELL
NO OP. NAMED
HEARING 8/12/2019

SPACING - 606664

7/29/2019 - GB1 - (640) 29-27N-11W
VAC 100063 MSSLM
VAC 280296 MSSCT, OTHERS
REFORM OTHERS
EXT 593207 MSSP, OTHERS

SURFACE CASING

7/18/2019 - G71 - MIN. 250' PER ORDER 37123

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK, 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

ALFALFA

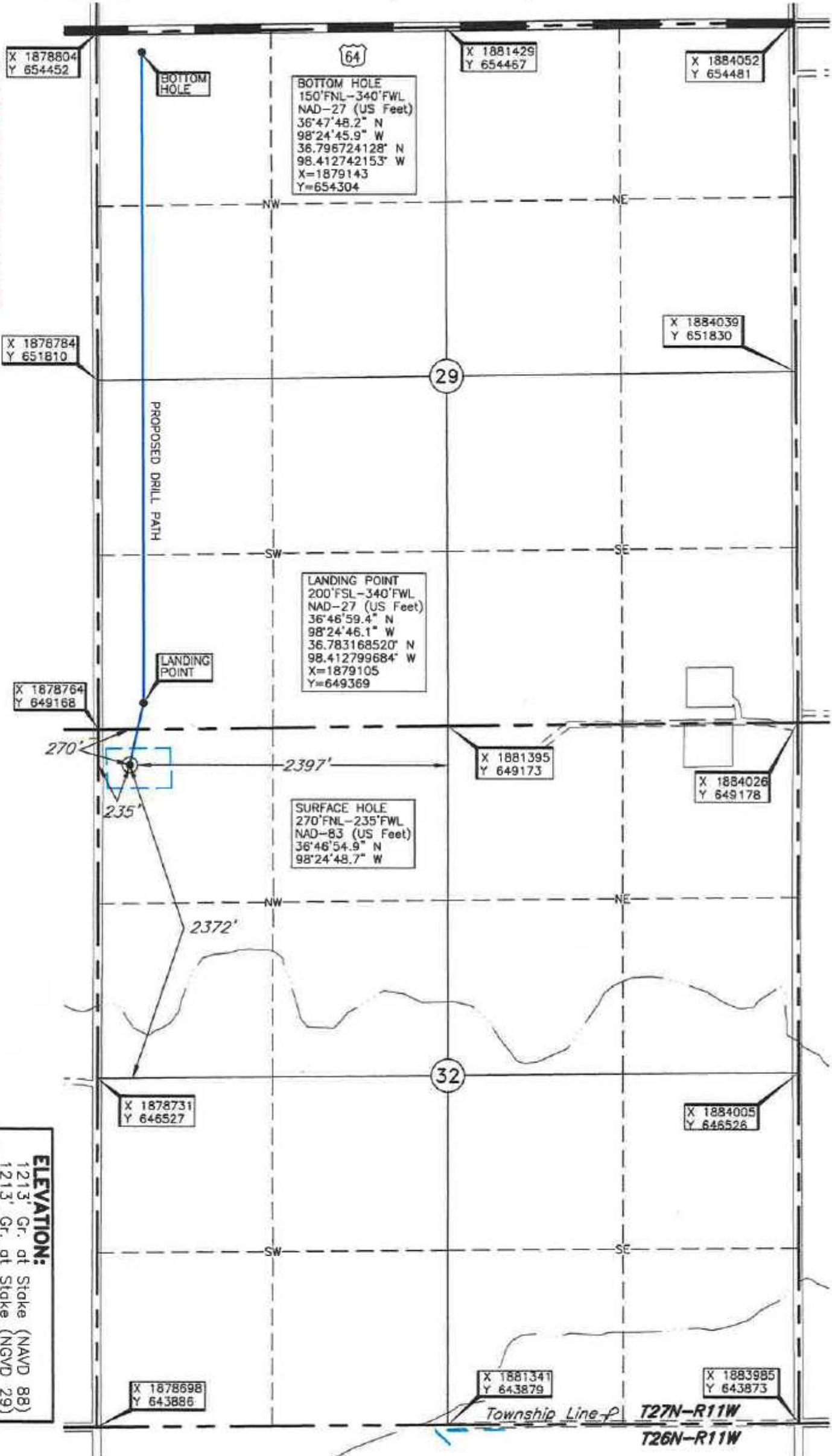
County, Oklahoma

270'FNL-235'FWL Section 32 Township 27N Range 11W I.M.



LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY



Operator: MACH RESOURCES
 Lease Name: LEAMON 29-27-11
 Topography & Vegetation: Location fell in level wheat field, ±166' South of E-W saltwater line
 Well No.: 4H
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set None

ELEVATION:
 1213' Gr. at Stake (NAVD 88)
 1213' Gr. at Stake (NGVD 29)

Best Accessibility to Location: From West off county road
 Distance & Direction: From Ingersol, Okla., go ±1 mile West on US. Hwy. 64, then ±1 mile South to the NW Cor. of Sec. 32-T27N-R11W

Revision A Date of Drawing: July 16, 2019
 Project # 123595A Date Staked: Mar. 11, 2019

CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Thomas L. Howell
 Oklahoma Lic. No. 1433



DATUM: NAD-27
 LAT: 36°46'54.8"N
 LONG: 98°24'47.4"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1878995
 Y: 648899

Information was gathered with a 1" with 1 foot horizontal accuracy.