

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

API NUMBER: 003 23333

Approval Date: 08/30/2018

Expiration Date: 02/28/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 26N Rge: 11W County: ALFALFA
SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 173 1928

Lease Name: BUCKLYN 23-26-11 Well No: 2H Well will be 173 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

MARK CALAVAN
P.O. BOX 614
WARNER OK 74469

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5445	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 621172

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805977
201805978

Special Orders:

Total Depth: 10406 Ground Elevation: 1181 Surface Casing: 590 Depth to base of Treatable Water-Bearing FM: 520

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

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34866
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 23 Twp 26N Rge 11W County ALFALFA

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: 4962

Radius of Turn: 382

Direction: 359

Total Length: 4844

Measured Total Depth: 10406

True Vertical Depth: 5565

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

Notes:

Category

Description

HYDRAULIC FRACTURING

8/24/2018 - 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 - 201805977

8/30/2018 - G57 - 23-26N-11W
X621172 MSSP
1 WELL
NO OP. NAMED
REC BY OPTIONAL 8-21-2018 (MUR)

PENDING CD - 201805978

8/30/2018 - G57 - (I.O.) 23-26N-11W
X621172 MSSP
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 1320' FEL & FWL
NO OP. NAMED
REC BY OPTIONAL 8-21-2018 (MUR)

SPACING - 621172

8/30/2018 - G57 - (640) 23-26N-11W
VAC OTHERS
VAC 52810 MSSLM
EXT OTHERS
EXT 618842 MSSP, OTHERS

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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.

003 23333 BUCKLYN 23-26-11 2H

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

API:003 23333

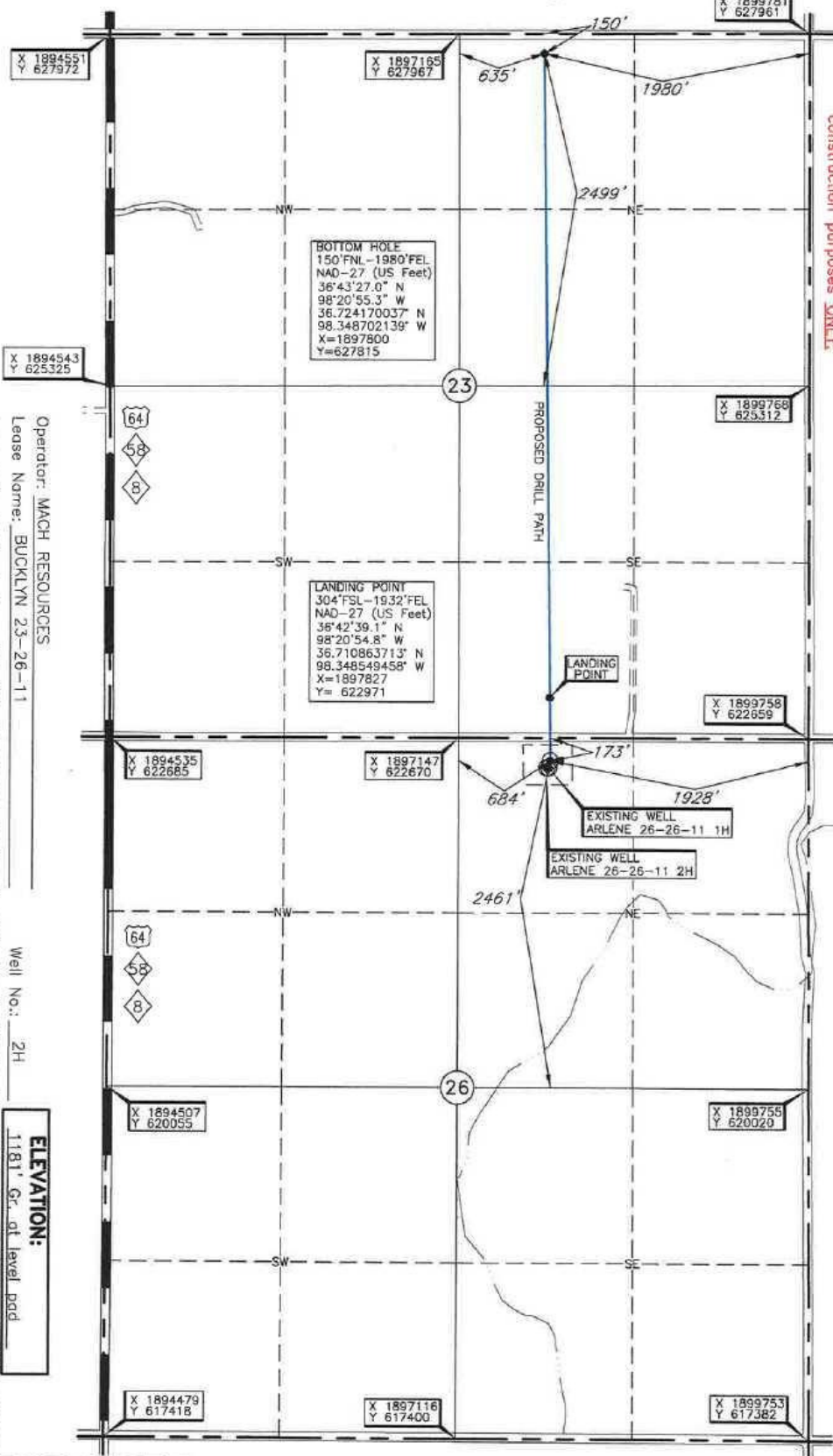
ALFALFA

County, Oklahoma

173'FNL-1928'FEL Section 26 Township 26N Range 11W I.M.



NOTE:
The information shown herein is for
construction purposes ONLY.



Operator: MACH RESOURCES
Lease Name: BUCKLYN 23-26-11
Topography & Vegetation: Loc. fell on existing level pod, ±53' NE of ARLENE 26-26-11 1H, ±58' NE of ARLENE 26-26-11 2H
Good Drill Site? Yes
Reference Stakes or Alternate Location: Stakes Set None
Best Accessibility to Location: From North off county road
Distance & Direction: From Jct. St. Hwy. 8 N-S and St. Hwy. 58 East, South of Cherokee, OK, go ±3.0 mi. North on St. Hwy. 8, then ±1.0 mi. East to the NE Cor. of Sec. 26-126N-R11W

ELEVATION:
1181' Gr. at level pod

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

DATUM: NAD-27
LAT: 36°42'34.4"N
LONG: 98°20'54.7"W
LAT: 36.709553577° N
LONG: 98.348534428° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1897830
Y: 622494

Invoice # 300563

Date of Drawing: Aug. 17, 2018

Date Staked: Aug. 13, 2018

AC

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

