

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

API NUMBER: 003 23309

Approval Date: 04/09/2018
Expiration Date: 10/09/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 25N Rge: 12W County: ALFALFA
SPOT LOCATION: NE NE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 240 2485

Lease Name: HARVESTER 11-25-12 Well No: 2H Well will be 240 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

MORRIS PORTER REVOCABLE TRUST
55902 CUSTER ROAD
CHEROKEE OK 73728

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

Name	Depth	Name	Depth
1	MISSISSIPPI LIME	5849	6
2			7
3			8
4			9
5			10

Spacing Orders: 158770

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201801728
201801727

Special Orders:

Total Depth: 10676

Ground Elevation: 1330

Surface Casing: 470

Depth to base of Treatable Water-Bearing FM: 370

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 BED AQUIFER

Pit Location Formation: CEDAR HILLS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34150
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 11 Twp 25N Rge 12W County ALFALFA

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 2615

Depth of Deviation: 5492

Radius of Turn: 477

Direction: 178

Total Length: 4434

Measured Total Depth: 10676

True Vertical Depth: 5970

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

Notes:

Category

Description

HYDRAULIC FRACTURING

3/28/2018 - 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 - 201801727

4/3/2018 - G57 - (I.O.) 11-25N-12W
X158770 MSSLM
1 WELL
NO OP. NAMED
3-27-2018 (MINMIER)

PENDING CD - 201801728

4/3/2018 - G57 - (I.O.) 11-25N-12W
X158770 MSSLM
COMPL. INT. NCT 150' FNL & FSL, NCT 1320' FEL & FWL
NO OP. NAMED
REC 3-27-2018 (MINMIER)

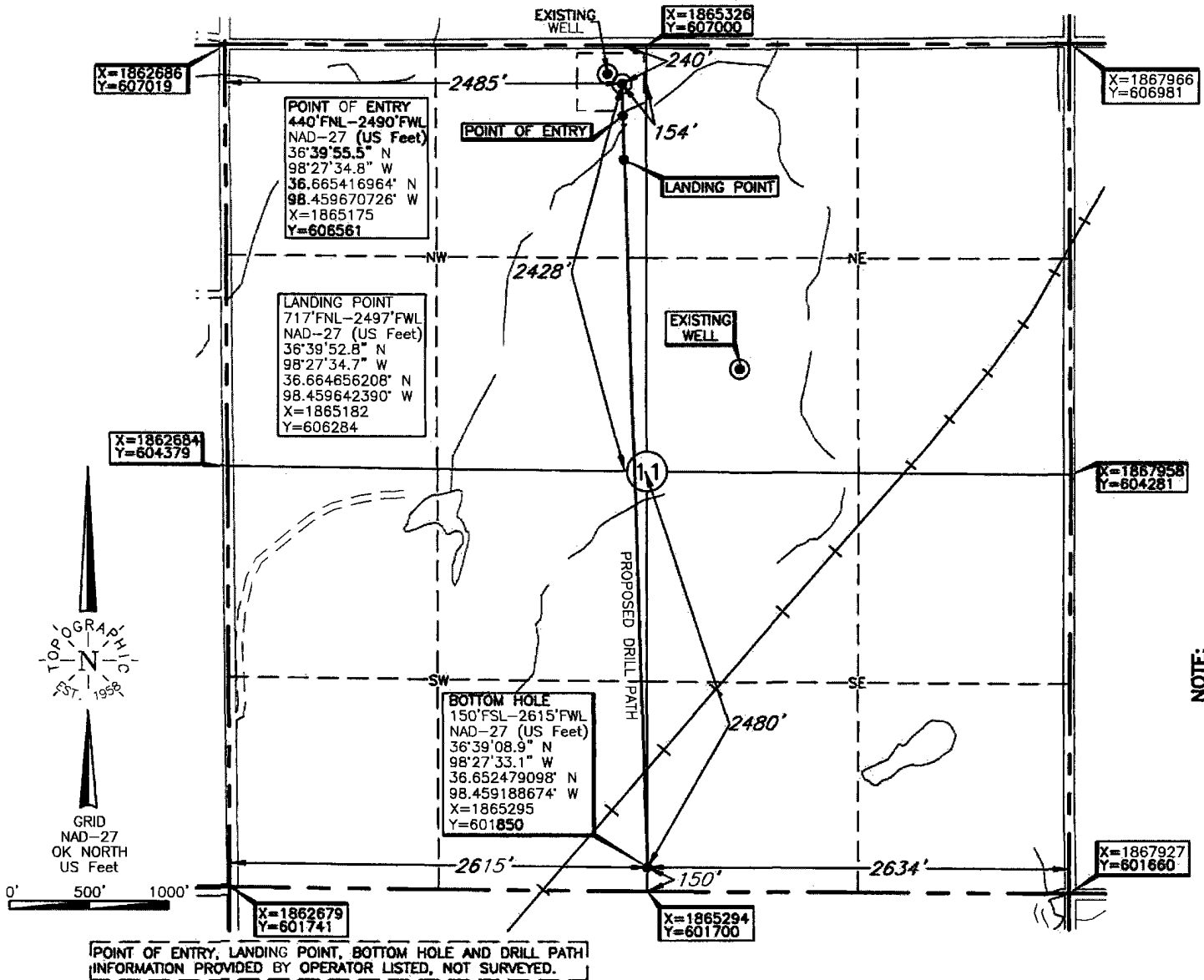
SPACING - 158770

4/3/2018 - G57 - (640) 11-25N-12W
EST OTHER
EXT 120092 MSSLM, OTHERS
EXT OTHER

Certificate of Authorization No. 1293 LS
ALFALFA

County, Oklahoma

240' FNL - 2485' FWL Section 11 Township 25N Range 12W I.M.



Operator: MACH RESOURCES

Lease Name: HARVESTER 11-25-12 Well No.: 2H

Topography & Vegetation Loc. fell on level pad, ±90' East and ±60' South of existing well head

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From North off county road

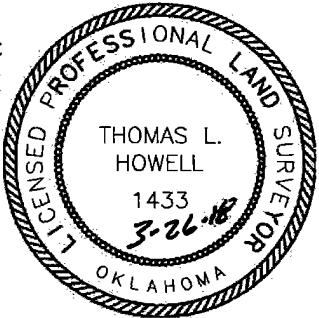
Distance & Direction From Hwy Jct or Town From St. Hwy. 45 in Carmen, OK, go ±6.0 mi. North on paved road to the NW Cor. of Sec. 11-T25N-R12W

ELEVATION:
1330' Gr. at level pad

DATUM: NAD-27
LAT: 36°39'57.5"N
LONG: 98°27'34.9"W
LAT: 36.665966247' N
LONG: 98.459691001' W
STATE PLANE COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1865170
Y: 606761

Revision A Date of Drawing: Mar. 26, 2018
Invoice # 290739 Date Staked: Mar. 19, 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



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy