

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

API NUMBER: 003 23390

Approval Date: 11/05/2019

Expiration Date: 05/05/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 25N Rge: 10W County: ALFALFA

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 308 265

Lease Name: WESSELS 18-25-10

Well No: 1H

Well will be 265 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

DWIGHT AND KATHIE WESSELS
1308 SOUTH PENNSYLVANIA AVE.
CHEROKEE OK 73728

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5778	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 692749

Location Exception Orders: 694262

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11200

Ground Elevation: 1289

Surface Casing: 570

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 BED AQUIFER

Pit Location Formation: CEDAR HILLS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36799
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 18 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 18 Twp 25N Rge 10W County ALFALFA

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5170

Radius of Turn: 532

Direction: 176

Total Length: 5195

Measured Total Depth: 11200

True Vertical Depth: 5905

End Point Location from Lease,

Unit, or Property Line: 150

Notes:

Category

Description

HYDRAULIC FRACTURING

10/29/2019 - 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

LOCATION EXCEPTION - 694262

11/5/2019 - GB1 - (I.O.) 18-25N-10W
X692749 MSSP
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 660' FWL
BCE-MACH LLC
4/8/2019

SPACING - 692749

11/5/2019 - GB1 - (640)(HOR) 18-25N-10W
VAC 105169 MSCT, MSSLM
EXT 687026 MSSP
COMPL. INT. NCT 660' FB

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

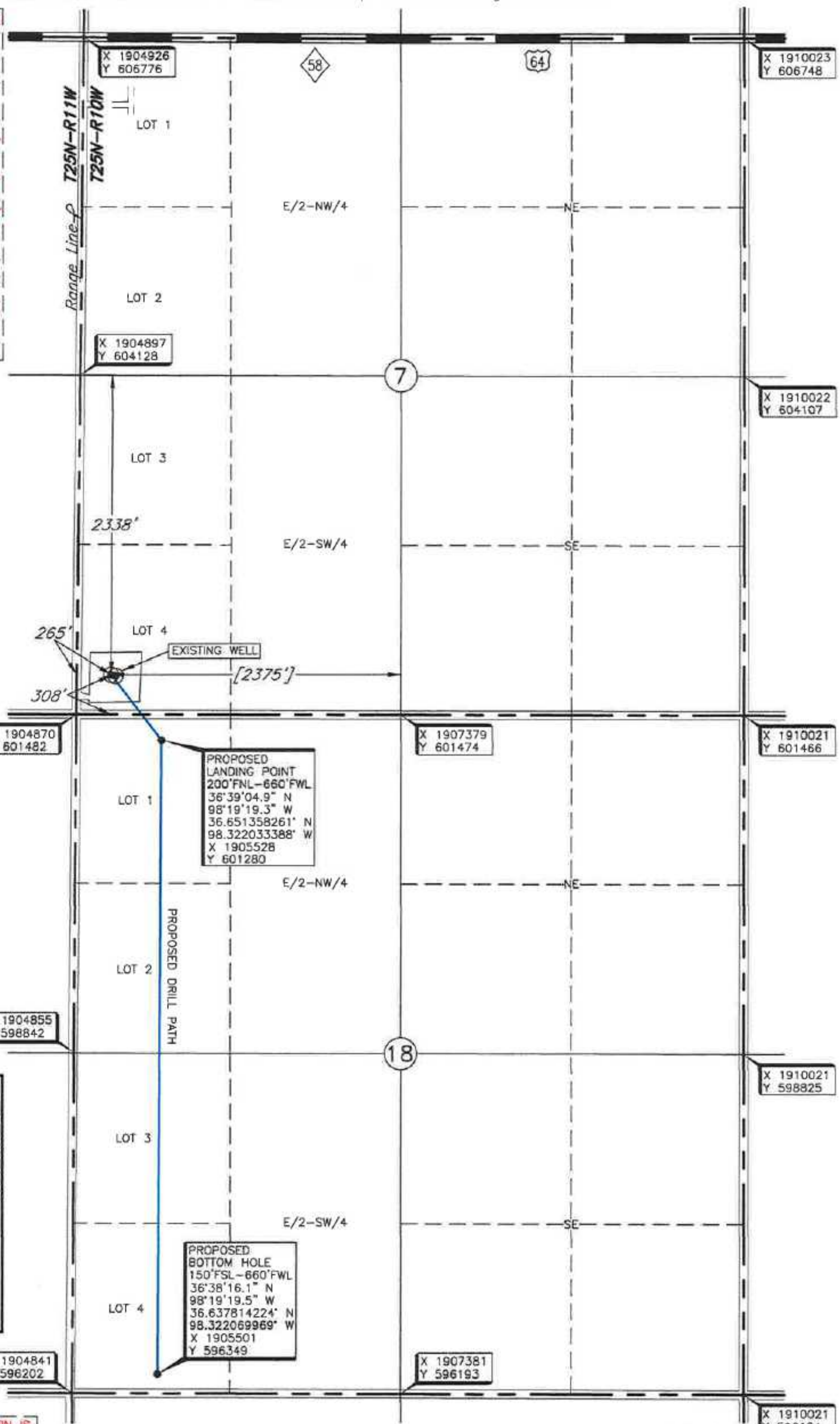
308'FSL - 265'FWL Section 7 Township 25N Range 10W I.M.



GRID
NAD-27
OK NORTH
US FEET
Scale:

1" = 1000'

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2540 feet, those shown in [brackets] are based on GLO (General Land Office) distances and how MOI been measured on the ground.



Good Drill Site? Yes

Reference Stakes or Alternate Location Stakes Set None

Operator: MACH RESOURCES
Lease Name: WESSELS 18-

1

Well No.: 1H

ELEVATION:

1289' Gr. on Existing Pad

Topography & Vegetation Location fell on existing pad; ±34 feet Northwest of existing well.

Good Drill Site?

Yes

Stakes Set —

1997

EMAT
TRU

TUN

NG

NG

ATE
OR

NE

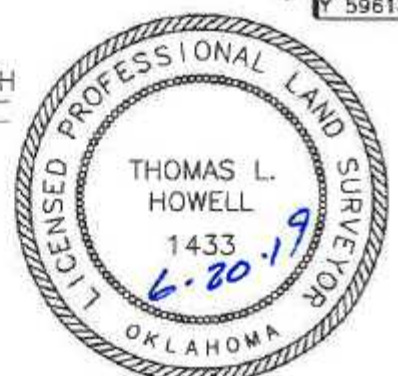
Project # 127100 Date of Drawing: June 20, 2019
Date Staked: June 12, 2019

KH

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.

Thom L. Nunn
Oklahoma Lic. No. 1433



THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY.

DATUM: NAD-27
LAT: 36°39'09.9" N
LONG: 98°19'24.1" W
LAT: 36.652753210° N
LONG: 98.323370939° W
STATE PLANE
COORDINATES (US FEET):
ZONE: OK NORTH
X: 1905138
Y: 601789

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