

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

API NUMBER: 039 22556

Approval Date: 09/26/2018

Expiration Date: 03/26/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 13N Rge: 20W County: CUSTER  
SPOT LOCATION: ☐ N2 ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 275 990

Lease Name: FRANSEN Well No: 1H-8-17 Well will be 275 feet from nearest unit or lease boundary.  
Operator Name: EHVI EXPLORATION LLC Telephone: 4056042874 OTC/OCC Number: 24261 0

EHVI EXPLORATION LLC  
100 N BROADWAY STE 1800  
OKLAHOMA CITY, OK 73102-8614

SCOTT D. FRANSEN  
10273 NORTH AIRPORT ROAD  
CLINTON OK 73601

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

Name	Depth	Name	Depth
1 CHEROKEE	12650	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807362  
201807363

Special Orders:

Total Depth: 22900 Ground Elevation: 1818 Surface Casing: 540 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

Chlorides Max: 8000 Average: 5000

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: 18-35424  
H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 17 Twp 13N Rge 20W County CUSTER

Spot Location of End Point: S2 S2 SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 12099

Radius of Turn: 382

Direction: 179

Total Length: 10200

Measured Total Depth: 22900

True Vertical Depth: 12800

End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

9/26/2018 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

9/26/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201807362

9/26/2018 - G57 - (E.O.)(1280)(HOR) 8 & 17-13N-20W  
EST CHRK  
POE TO BHL NCT 660' FB  
(COEXIST W/ SP. ORDER 190138 CHRK & SP. ORDER 196536 SKNRU, SKNRL, RDFK)  
REC 9-21-2018 (DUNN)

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

039 22556 FRANSEN 1H-8-17

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.

Category	Description
PENDING CD - 201807363	9/26/2018 - G57 - (E.O.) 8 & 17-13N-20W X201807362 CHRK SHL (8-13N-20W) 275' FNL, 990' FEL COMPL. INT. (8-13N-20W) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL COMPL. INT. (17-13M-20W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL EHVI EXPLORATION, LLC. REC 9-21-2018 (DUNN)

# Well Location Plat

S.H.L. Sec. 8-13N-20W I.M.  
B.H.L. Sec. 17-13N-20W I.M.

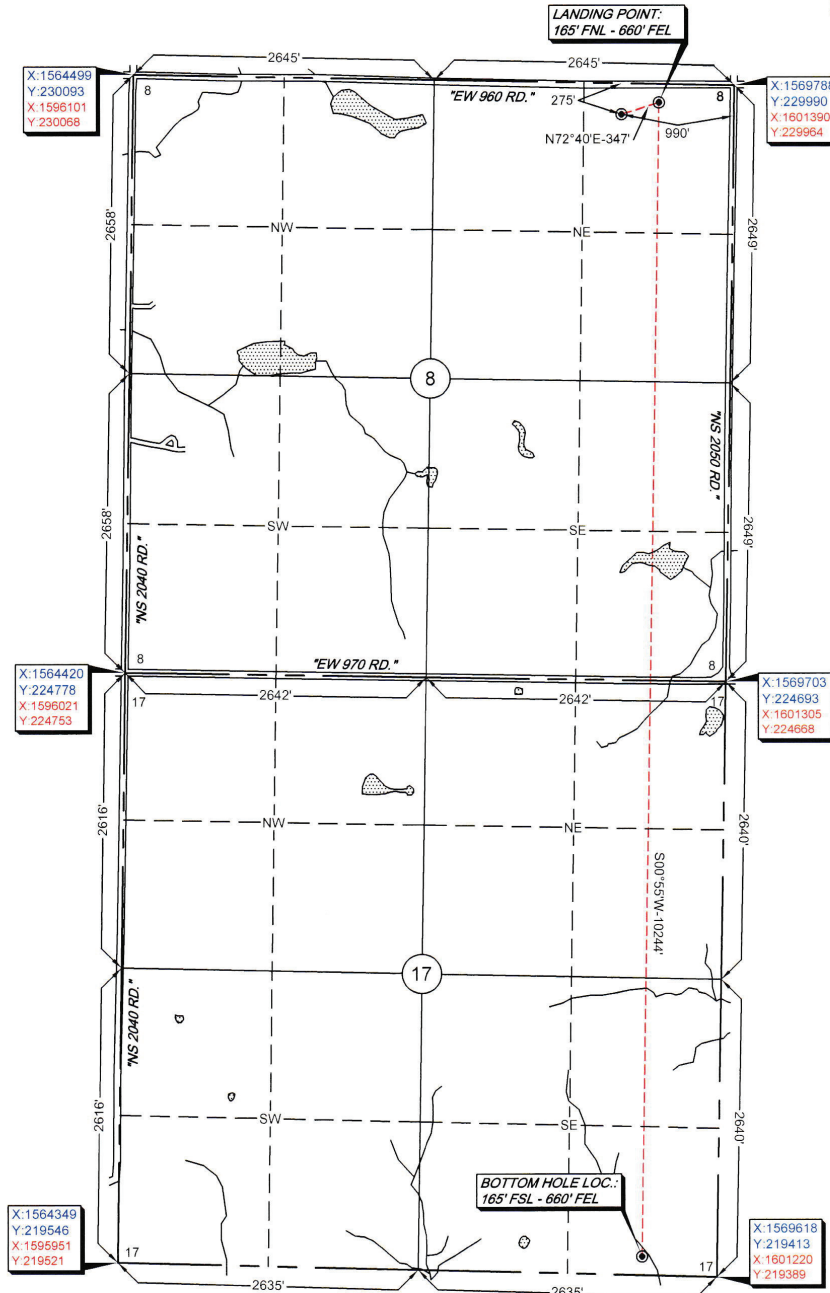
API:039 22556

Operator: EHVI EXPLORATION, LLC  
Lease Name and No.: FRANSEN 1H-8-17  
Footage: 275' FNL -990' FEL Gr. Elevation: 1818'  
Section: 8 Township: 13N Range: 20W I.M.  
County: Custer State of Oklahoma  
Terrain at Loc.: Location fell in a cultivated pasture.



All bearings shown  
are grid bearings.

0' 660' 1320' 1980'  
1" = 1320'



GPS DATUM  
NAD 83  
NAD 27  
OK NORTH ZONE

Surface Hole Loc.:  
Lat: 35°37'24.60"N  
Lon: 99°20'41.68"W  
Lat: 35.62349955  
Lon: -99.34491091  
X: 1568793  
Y: 229734

Surface Hole Loc.:  
Lat: 35°37'24.42"N  
Lon: 99°20'40.33"W  
Lat: 35.62345121  
Lon: -99.34453573  
X: 1600395  
Y: 229709

Landing Point:  
Lat: 35°37'25.67"N  
Lon: 99°20'37.68"W  
Lat: 35.62379661  
Lon: -99.34379986  
X: 1569125  
Y: 229837

Landing Point:  
Lat: 35°37'25.49"N  
Lon: 99°20'36.33"W  
Lat: 35.62374828  
Lon: -99.34342469  
X: 1600727  
Y: 229812

Bottom Hole Loc.:  
Lat: 35°35'44.36"N  
Lon: 99°20'37.95"W  
Lat: 35.59565535  
Lon: -99.34387426  
X: 1568961  
Y: 219595

Bottom Hole Loc.:  
Lat: 35°35'44.18"N  
Lon: 99°20'36.60"W  
Lat: 35.59560682  
Lon: -99.34349997  
X: 1600563  
Y: 219570

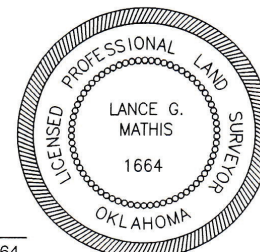
-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.  
-NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.  
-Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Survey and plat by:  
Arkoma Surveying and Mapping, PLLC  
P.O. Box 238 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2020

## Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

*Lance G. Mathis*  
LANCE G. MATHIS  
09/14/18  
OK LPLS 1664



Invoice #8121-A  
Date Staked: 09/12/18 By: R.L.  
Date Drawn: 09/13/18 By: J.K.  
Revise LP & BHL 09/13/18 By: J.K.