

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

API NUMBER: 029 21392

Approval Date: 01/23/2019

Expiration Date: 07/23/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 1N Rge: 9E

County: COAL

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 471 1028

Lease Name: TOMLINSON XLE

Well No: 2H-23

Well will be 471 feet from nearest unit or lease boundary.

Operator
Name: PABLO ENERGY II LLC

Telephone: 8063714765; 8063714

OTC/OCC Number: 21896 0

PABLO ENERGY II LLC
PO BOX 2945
AMARILLO, TX 79105-2945

NEAL MARTIN
PO BOX 67
SHAWNEE OK 74802

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

Name	Depth	Name	Depth
1 WOODFORD	6440	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 634608

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 20190004

Special Orders:

Total Depth: 13393

Ground Elevation: 650

Surface Casing: 460

Depth to base of Treatable Water-Bearing FM: 410

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: SAVANNA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

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: ON SITE

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: 3

Liner required for Category: 3

Pit Location is BED AQUIFER

Pit Location Formation: SAVANNA

HORIZONTAL HOLE 1

Sec 14 Twp 1N Rge 9E County COAL

Spot Location of End Point: E2 NE NW SE

Feet From: SOUTH 1/4 Section Line: 2310

Feet From: EAST 1/4 Section Line: 1600

Depth of Deviation: 5220

Radius of Turn: 477

Direction: 355

Total Length: 7424

Measured Total Depth: 13393

True Vertical Depth: 6520

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

HYDRAULIC FRACTURING

1/17/2019 - 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

MEMO

1/17/2019 - G71 - PIT 1 - MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER, PIT 2 - MIN. 20-MIL PIT LINER REQUIRED, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201900004

1/23/2019 - G58 - (E.O.) SE4 14 & 23-1N-9E
X634608 WDFD
COMPL. INT. NCT 175' FSL, NCT 330' FNL, NCT 330' FEL
NO OP. NAMED
REC 1/11/2019 (MINMIER)

SPACING - 634608

1/23/2019 - G58 - (320/480)(HOR) SE4 14 & 23-1N-9E
EST (480)(HOR) WDFD SE4 14 & E2 23-1N-9E
EST (320)(HOR) WDFD W2 23-1N-9E
COMPL. INT. NCT 330' FB
(COEXIST SP ORDER 561108 WDFD)

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


029 21392 TOMLINSON XLE 2H-23

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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.

029-21392

discrepancy.



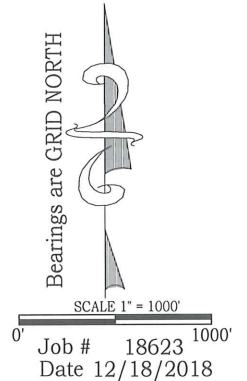
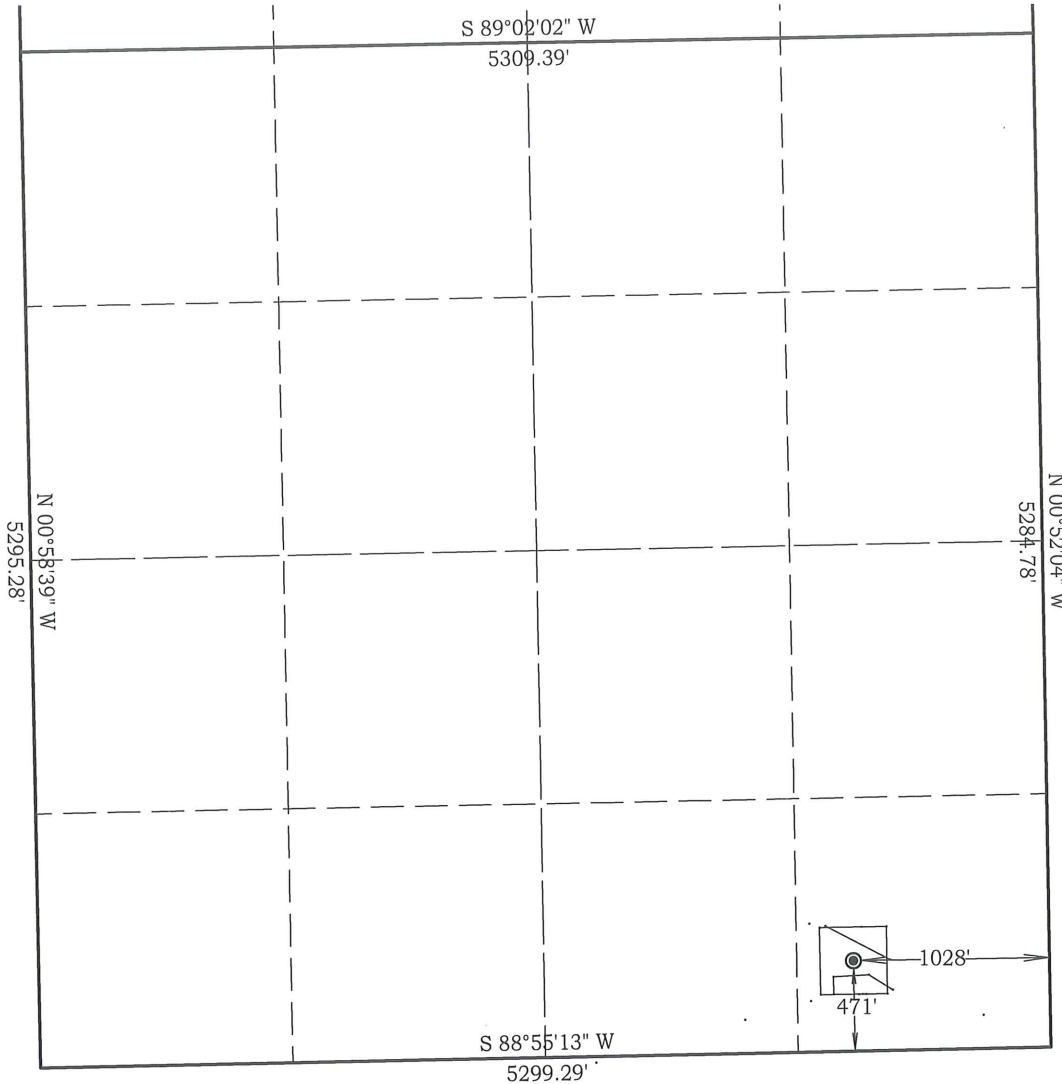
A circular seal for a Registered Professional Land Surveyor. The outer ring contains the text "REGISTERED PROFESSIONAL LAND SURVEYOR" at the top and "OKLAHOMA" at the bottom. The center of the seal contains the name "D. HARRY MCCLINTICK" and the number "1367".

Well Location Plat

M & M Land Surveying, Inc.
520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999

Company Name: Pablo Energy II, LLC Lease Name: Tomlinson XLE 2H-23
 Section 23 Township 1 North Range 9 East County Coal State Oklahoma
 Surface Location 471' FSL - 1028' FEL Elevation 650' Good Location? Yes

Topography
Location fell in pasture
15' West of Tomlinson
XLE 3H-23



NAD 27 OK SOUTH
 Surface Location
 Latitude: 34.535759°
 Longitude: 96.322529°
 N = 441,772'
 E = 2,505,182'

NAD 83 OK SOUTH
 Surface Location
 Latitude: 34.535851°
 Longitude: 96.322806°
 Y = 441,817'
 X = 2,473586'

Best Accessibility to Location
From the South

Distance & Direction From From the SH. #48 and SH. #31, go 5 miles East on SH. #31, then 2 miles North on County Road to the Southeast Corner of Section 23.
 Highway or Town _____

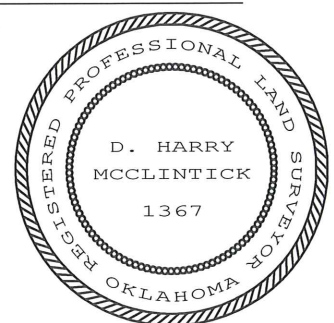
CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown.

[Signature] 1/4/19
 D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

The distances shown in parenthesis () are calculated distances based on the quarter section being 2640' and have not been measured.



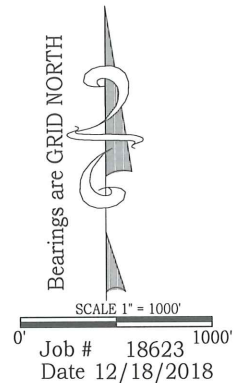
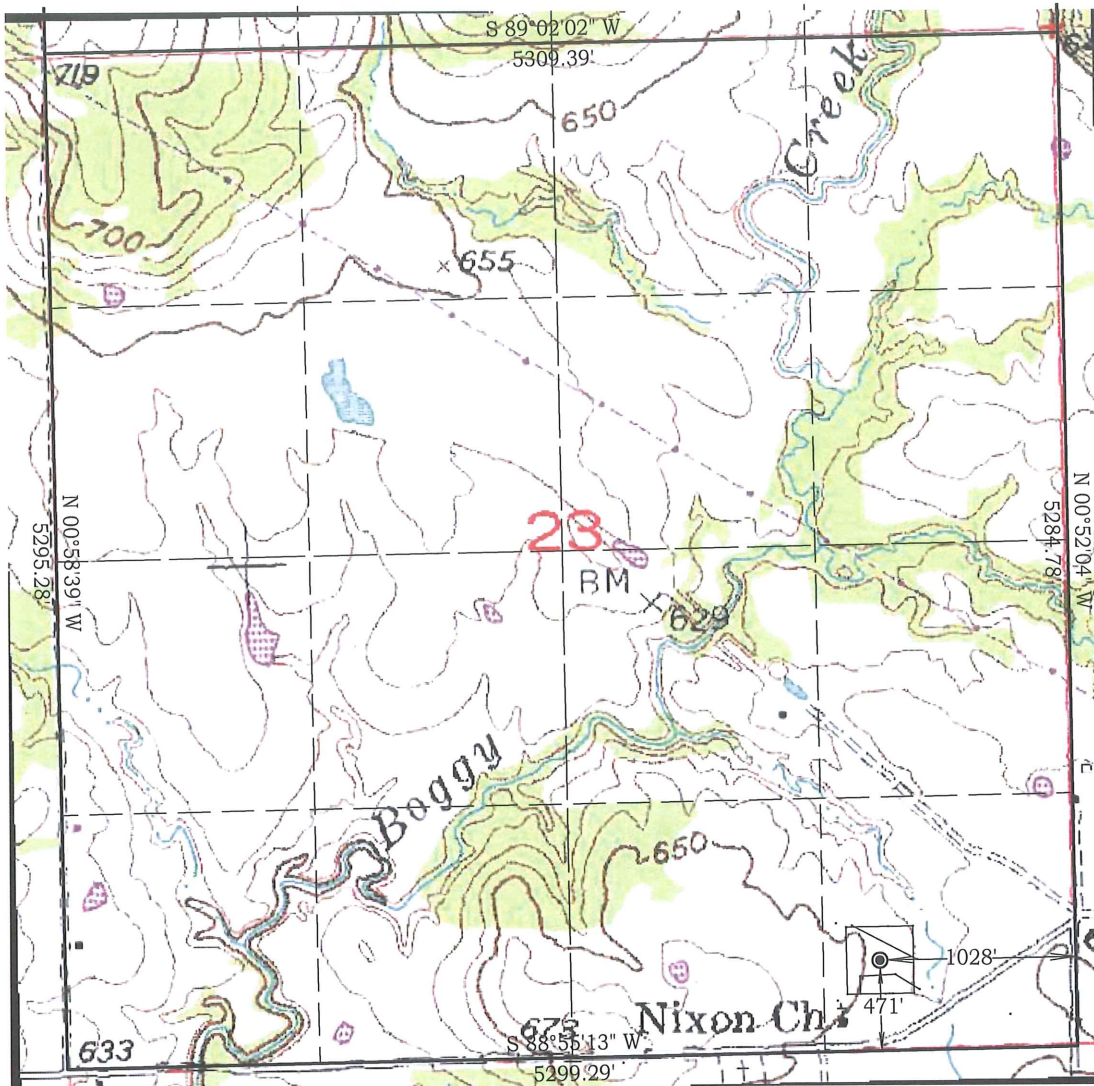
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