

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

API NUMBER: 045 23809

Approval Date: 08/21/2019

Expiration Date: 02/21/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 17N Rge: 22W County: ELLIS

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 250 1550

Lease Name: WILLIAMS 17-22 29-20

Well No: H1

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: PPP PETROLEUM LP

Telephone: 2142316832

OTC/OCC Number: 23356 0

PPP PETROLEUM LP
2101 CEDAR SPRINGS RD STE 1800
DALLAS , TX 75201-1585

DANNY JOE WILLIAMS
191089 E CR79
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 CLEVELAND	9562	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 136201

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902528
201902529

Special Orders:

Total Depth: 20158

Ground Elevation: 2154

Surface Casing: 750

Depth to base of Treatable Water-Bearing FM: 390

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 14000 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 BED AQUIFER

Pit Location Formation: CLOUD CHIEF

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36592

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 BED AQUIFER

Pit Location Formation: CLOUD CHIEF

HORIZONTAL HOLE 1

Sec 20 Twp 17N Rge 22W County ELLIS

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 9060

Radius of Turn: 573

Direction: 5

Total Length: 10198

Measured Total Depth: 20158

True Vertical Depth: 9562

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

Notes:

Category

Description

DEEP SURFACE CASING

7/25/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

7/24/2019 - 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: OCCWEB.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

7/24/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201902528

8/21/2019 - GB6 - (I.O.) 20 & 29 -17N-22W
EST MULTIUNIT HORIZONTAL WELL
X136201 CLVD
50% 20-17N-22W
50% 29-17N-22W
NO OP. NAMED
7/16/2019 (THOMAS)

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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.

045 23809 WILLIAMS 17-22 29-20 H1

Category	Description
PENDING CD - 201902529	8/21/2019 - GB6 - (I.O.) 20 & 29 -17N-22W X136201 CLVD SHL 250' FNL 1550' FEL 32-17N-22W COMPL. INT. (29-17N-22W) NCT 165' FSL, NCT 0' FNL, NCT 660' FEL COMPL. INT. (20-17N-22W) NCT 0' FSL, NCT 165' FNL, NCT 660' FEL NO OP. NAMED 7/16/2019 (THOMAS)
SPACING - 136201	8/21/2019 - GB6 - (640) 20 & 29 -17N-22W EXT 104943 CLVD, OTHERS EXT 85838 OTHERS

ELLIS

County, Oklahoma

250' FNL-1550' FEL Section 32 Township 17N Range 22W I.M.

X 1538531
Y 346275

X 1533291
Y 346361

X 1533811
Y 346328

BOTTOM HOLE
165' FNL-660' FEL
35°56'26.4" N
99°33'40.3" W
35.940658838" N
99.561184118" W
X 1537868
Y 346123

X 1533285
Y 343746

X 1538488
Y 343644

X 1533280
Y 341110

X 1535863
Y 341062

X 1538445
Y 341013

X 1533277
Y 338475

X 1538484
Y 338395

LANDING POINT
224' FSL-1504' FEL
Sec. 29
35°54'46.3" N
99°33'48.7" W
35.912869372" N
99.563515470" W
X 1537015
Y 336020

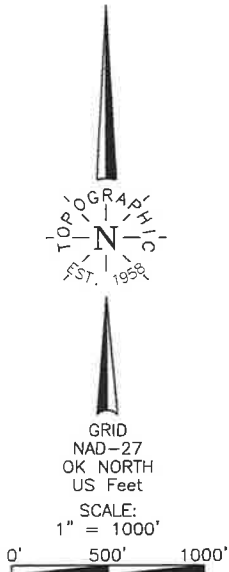
X 1533273
Y 335635

X 1535908
Y 335810

X 1538524
Y 335777

250' 1550'

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY
BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY
OPERATOR LISTED, NOT SURVEYED.



Operator: PEREGRINE PETROLEUM

Lease Name: WILLIAMS 17-22-29-20

Topography & Vegetation Loc. fell in rolling pasture

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 Packsaddle, OK, go East on paved road ± 6.0 miles, then North ± 2.0 miles, then East ± 3.2 miles, then South on lease road ± 0.8 mile to the NE $\frac{1}{4}$ Corner of Section 32-17N-R22W.

ELEVATION:

2154' at Gr. stake

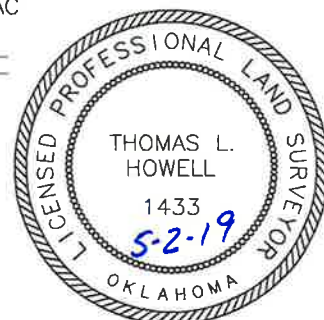
Date of Drawing: May 02, 2019 ST/AC

Project # 126220 Date Staked: Jan. 23, 2019

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



DATUM: NAD-27
LAT: 35°54'41.6" N
LONG: 99°33'49.0" W
LAT: 35.911567478" N
LONG: 99.563624650" W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1536975
Y: 335547

(Accuracy of GPS receiver used for this survey was not within 1 ft with no information shown)

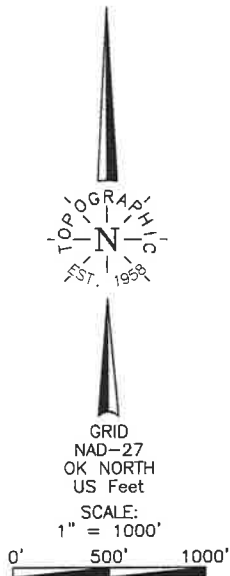
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

045-23809

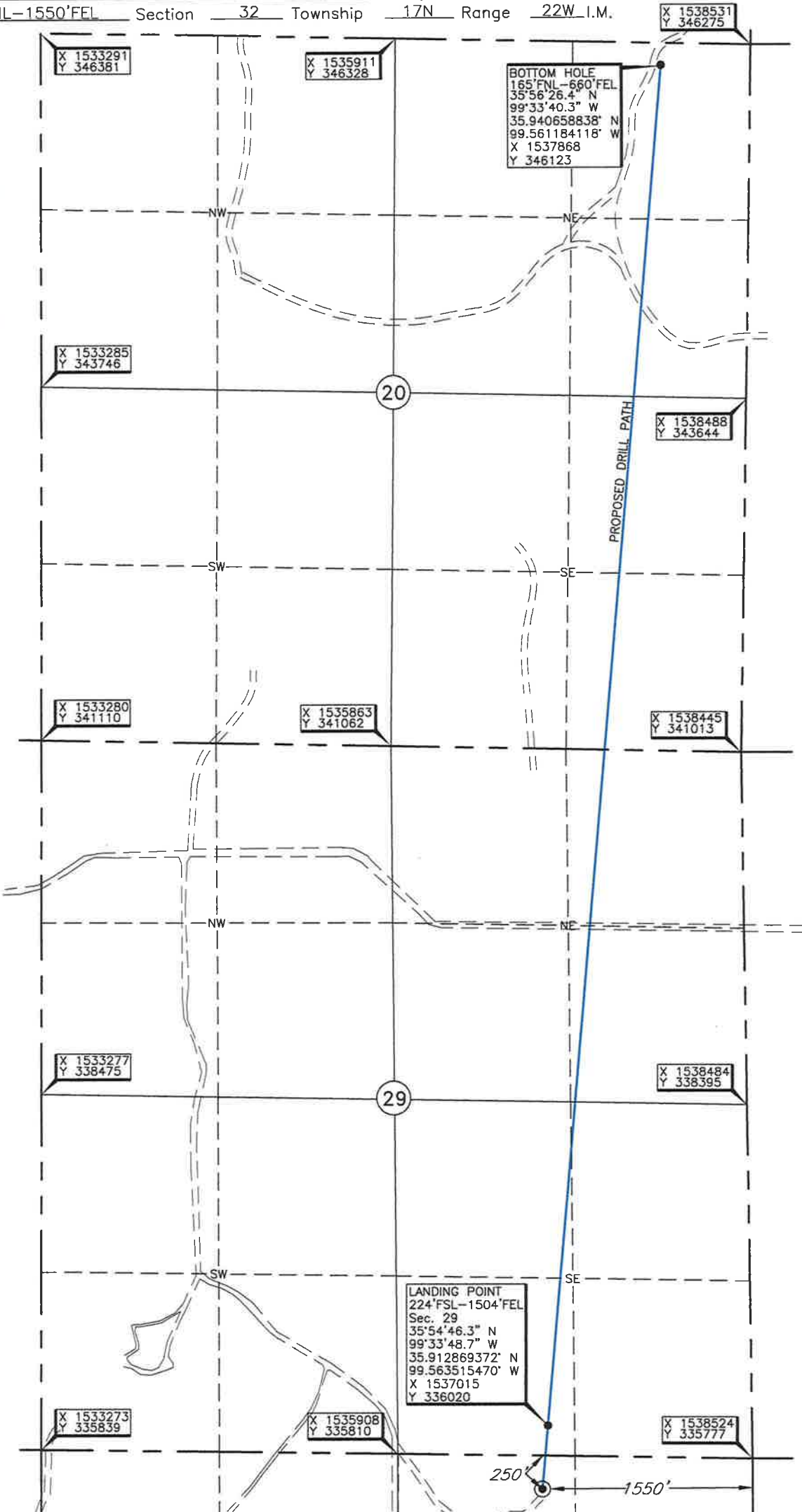
13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

ELLIS County, Oklahoma

250'FNL-1550'FEL Section 32 Township 17N Range 22W I.M.



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Distance & Direction: From Pock saddle, OK, go East on paved road ±6.0 miles, then North ±2.0 miles, then East from Hwy 40 or Town ±3.2 miles, then South on lease road ±0.8 mile to the NE/4 Corner of Section 32-T17N-R22W.

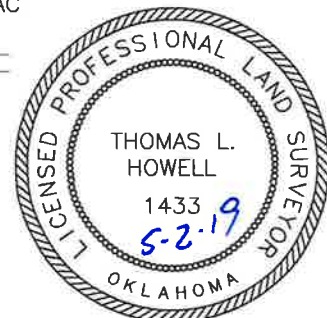
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