

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

API NUMBER: 061 22371

Approval Date: 04/22/2019

Expiration Date: 10/22/2020

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 8N Rge: 20E County: HASKELL

SPOT LOCATION: ☐ NW ☐ NW ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 103 246

Lease Name: CHIPMUNK

Well No: 1-30/31H

Well will be 103 feet from nearest unit or lease boundary.

Operator Name: TRINITY OPERATING (USG) LLC

Telephone: 9185615600

OTC/OCC Number: 23879 0

TRINITY OPERATING (USG) LLC  
1717 S BOULDER AVE STE 201  
TULSA, OK 74119-4842

ORVAL & SUE WHEAT  
P.O. BOX 132  
KINTA OK 74552

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6500	6	
2 WOODFORD	6785	7	
3		8	
4		9	
5		10	

Spacing Orders: 660419

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901539  
201901538  
201901544  
201901540  
201901543

Special Orders:

Total Depth: 17548

Ground Elevation: 695

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 130

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

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: 4

Liner not required for Category: 4

Pit Location is BED AQUIFER

Pit Location Formation: MCALESTER/HARTSHORNE

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Approved Method for disposal of Drilling Fluids:

- A. Evaporation/dewater and backfilling of reserve pit.  
B. Solidification of pit contents.

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

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: 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 BED AQUIFER

Pit Location Formation: MCALESTER/HARTSHORNE

PIT 3 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: MCALESTER/HARTSHORNE

HORIZONTAL HOLE 1

Sec 31 Twp 8N Rge 20E County HASKELL

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 560

Depth of Deviation: 6294

Radius of Turn: 573

Direction: 178

Total Length: 10354

Measured Total Depth: 17548

True Vertical Depth: 7069

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

DEEP SURFACE CASING

4/17/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

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061 22371 CHIPMUNK 1-30/31H

Category	Description
HYDRAULIC FRACTURING	<p>4/17/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
MEMO	<p>4/17/2019 - G71 - PIT 2 &amp; 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM &amp; OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR</p>
PENDING CD - 201901538	<p>4/19/2019 - G75 - (640)(HOR) 31-8N-20E EXT 675749 MSSP, WDFD, OTHERS COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL REC 4-1-2019 (JOHNSON)</p>
PENDING CD - 201901539	<p>4/19/2019 - G75 - (I.O.) 30 &amp; 31-8N-20E EST MULTIUNIT HORIZONTAL WELL X660419 MSSP, WDFD 30-8N-20E X201901538 MSSP, WDFD 31-8N-20E (MSSP ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 30-8N-20E 50% 31-8N-20E NO OP. NAMED REC 4-1-2019 (JOHNSON)</p>
PENDING CD - 201901540	<p>4/19/2019 - G75 - (I.O.) 30 &amp; 31-8N-20E X660419 MSSP, WDFD 30-8N-20E X201901538 MSSP, WDFD 31-8N-20E COMPL. INT. (30-8N-20E) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (31-8N-20E) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC 4-1-2019 (JOHNSON)</p>
PENDING CD - 201901543	<p>4/19/2019 - G75 - 30-8N-20E X660419 WDFD 2 WELLS NO OP. NAMED REC 4-19-2019 (MOORE)</p>
PENDING CD - 201901544	<p>4/22/2019 - G75 - 31-8N-20E X201901538 WDFD 1 WELL NO OP. NAMED REC 4-15-2019 (JOHNSON)</p>
SPACING - 660419	<p>4/19/2019 - G75 - (640)(HOR) 30-8N-20E EST MSSP, WDFD, OTHERS COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL</p>

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.

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# Well Location Plat

S.H.L. Sec. 30-8N-20E I.M.  
B.H.L. Sec. 31-8N-20E I.M.

Operator: TRINITY OPERATING

Lease Name and No.: CHIPMUNK 1-30/31H

API 061-22371

Footage: 103' FNL - 246' FWL Gr. Elevation: 695'

Section: 30 Township: 8N Range: 20E I.M.

County: Haskell State of Oklahoma

Terrain at Loc.: Location fell on a hilltop, falling to the North and South,  $\pm 70'$  Southwest of an existing pipeline.



All bearings shown  
are grid bearings.

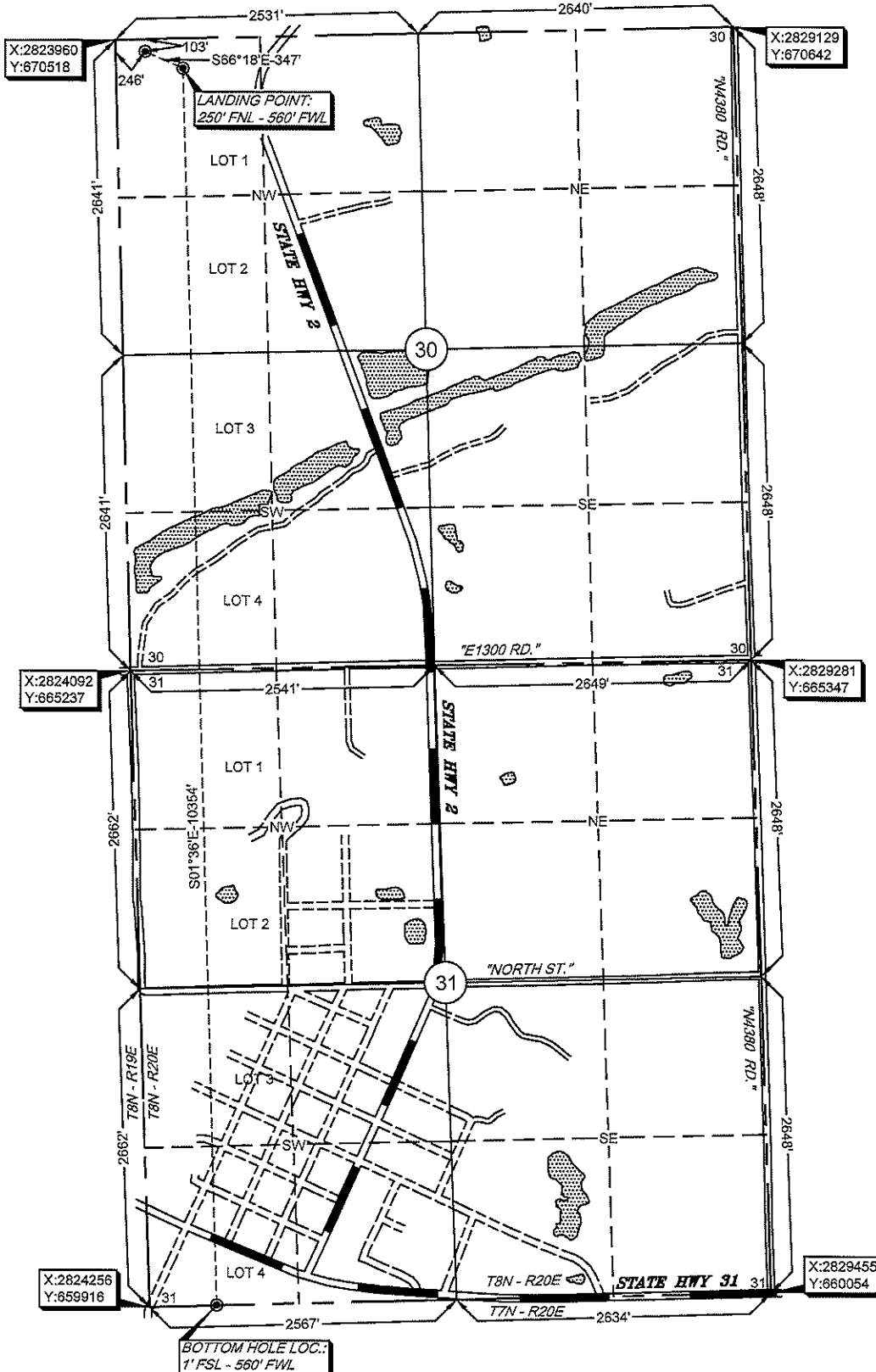
0' 660' 1320' 1980'  
1" = 1320'

GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°08'40.63"N  
Lon: 95°14'34.37"W  
Lat: 35.14462064  
Lon: -95.2488146  
X: 2824208  
Y: 670421

Landing Point:  
Lat: 35°08'39.17"N  
Lon: 95°14'30.60"W  
Lat: 35.14421388  
Lon: -95.24183236  
X: 2824526  
Y: 670281

Bottom Hole Loc.:  
Lat: 35°06'56.76"N  
Lon: 95°14'30.51"W  
Lat: 35.11576683  
Lon: -95.24180786  
X: 2824816  
Y: 659932



-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.

Invoice #8409-B-E

Date Staked: 03/08/19 By: H.S.

Date Drawn: 03/12/19 By: E.W.

Added LP/BHL: 04/16/19 By: J.H.

LANCE G. MATHIS

04/16/19

OK LPLS 1664

