

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

API NUMBER: 061 22360

Approval Date: 02/08/2018

Expiration Date: 08/08/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 8N Rge: 20E

County: HASKELL

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 2451 2630

Lease Name: BEAVER MOUNTAIN

Well No: 3-29/20H

Well will be 2451 feet from nearest unit or lease boundary.

Operator Name: TRINITY OPERATING (USG) LLC

Telephone: 9185615631

OTC/OCC Number: 23879 0

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

C.B. COPLEN JR. & JANICE K. COPLEN
30800 W. LONA VALEY RD
KINTA OK 74552

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

Name	Depth	Name	Depth
1 WOODFORD	7126	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800271
201800272
201800273

Special Orders:

Total Depth: 18961 Ground Elevation: 554

Surface Casing: 290

Depth to base of Treatable Water-Bearing FM: 240

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 20 Twp 8N Rge 20E County HASKELL

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 830

Depth of Deviation: 7100

Radius of Turn: 980

Direction: 15

Total Length: 10321

Measured Total Depth: 18961

True Vertical Depth: 7126

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

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.

061 22360 BEAVER MOUNTAIN 3-29/20H

Category	Description
HYDRAULIC FRACTURING	<p>2/5/2018 - 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: OCCWEB.COM/OG/OGFORMS.HTML; 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: FRACFOCUS.ORG</p>
MEMO	<p>2/5/2018 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR</p>
PENDING CD - 201800271	<p>2/6/2018 - G58 - (640)(HOR) 20 & 29-8N-20E EXT 660419 WDFD COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 553712 WDFD) REC 2/5/2018 (DUNN)</p>
PENDING CD - 201800272	<p>2/6/2018 - G58 - (I.O.) 20 & 29-8N-20E EST MULTIUNIT HORIZONTAL WELL X201800271 WDFD 50% 20-8N-20E 50% 29-8N-20E NO OP. NAMED REC 2/5/2018 (DUNN)</p>
PENDING CD - 201800277	<p>2/6/2018 - G58 - (I.O.) 20 & 29-8N-20E X201700271 WDFD COMPL. INT. (29-8N-20E) NCT 0' FNL, NCT 165' FSL, NCT 600' FEL COMPL. INT. (20-8N-20E) NCT 0' FSL, NCT 165' FNL, NCT 600' FEL NO OP. NAMED REC 2/5/2018 (DUNN)</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.

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.



TRINITY OPERATING *Well Location Plat*

Operator: TRINITY OPERATING

Lease Name and No.: BEAVER MOUNTAIN #3-29/20H

Footage: 2451' FNL - 2630' FWL Gr. Elevation: 554'

Section: 32 Township: 8N Range: 20E I.M.

County: Haskell State of Oklahoma

Terrain at Loc.: Location fell in open flat pasture splitting a fence line.

S.H.L. Sec. 32-8N-20E I.M.

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



All bearings shown
are grid bearings.

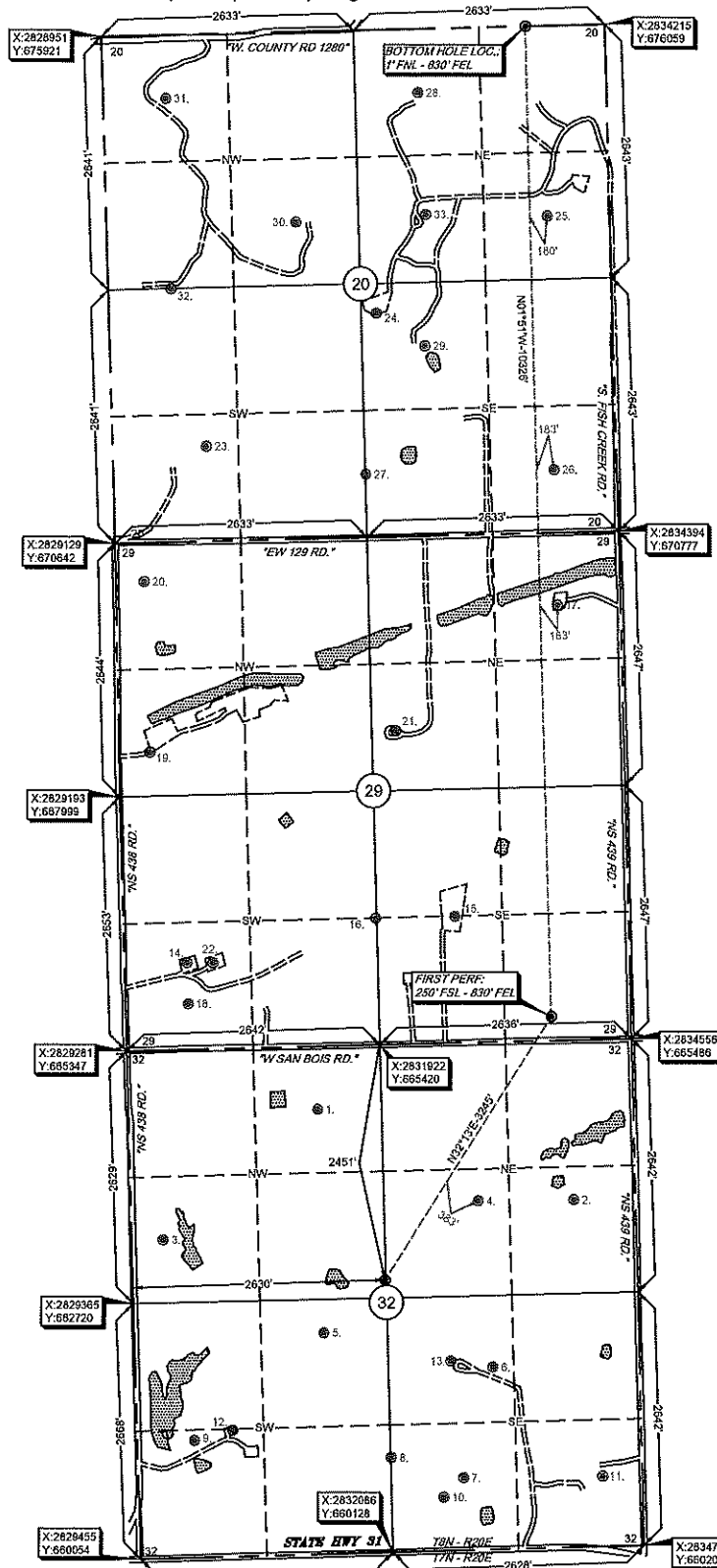
GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°07'24.85"N
Lon: 95°13'03.19"W
X: 2831989
Y: 662970

First Perf:
Lat: 35°07'51.53"N
Lon: 95°12'41.46"W
X: 2833719
Y: 665715

Bottom Hole Loc.:
Lat: 35°09'33.66"N
Lon: 95°12'42.04"W
X: 2833386
Y: 676036

—Peters and that this location was ticked on the record under the supervision of a Licensed Professional Land Surveyor, and the accuracy of this survey is not guaranteed. Please contact Ardena Swireffsky and Mapping promptly if any inconsistency is determined. GPS data is obtained from RIK, CGPS, HOTO, X and V data shown herein for station CACTI represents the boundary Survey of the State of Texas, and further, does not represent the boundary Survey of the State of Texas, 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

Expires June 30, 2018
Invoice #3550 2

Invoice #7552-C
Data Staked: 01

Date Staked: 01/09/18
Date Drawn: 01/11/18

Add LP & BHL: 01/18/18 By: R.M.

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

01/18/18

OK LPLS 1664

