

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

API NUMBER: 063 24893

Approval Date: 05/09/2019

Expiration Date: 11/09/2020

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 5N Rge: 9E

County: HUGHES

SPOT LOCATION: NW SE NW SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1706 1785

Lease Name: AARDVARK 17/8

Well No: 4H

Well will be 1706 feet from nearest unit or lease boundary.

Operator SILVER CREEK OIL & GAS LLC
Name:

Telephone: 9725731630; 9725731

OTC/OCC Number: 22726 0

SILVER CREEK OIL & GAS LLC
5525 N MACARTHUR BLVD STE 775
IRVING, TX 75038-2665

ROBERT CHILES
7225 EW 146 ROAD
ALLEN OK 74825

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4965	6	
2	WOODFORD	5336	7	
3	SYLVAN	5535	8	
4			9	
5			10	

Spacing Orders: 686009
687371

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806740
201806741
201806742
201901788

Special Orders:

Total Depth: 15000

Ground Elevation: 876

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 550

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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: WEWOKA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. PIT 2 - MIN. 20-MIL LINER REQUIRED, OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

F. Haul to Commercial soil farming facility: Sec. 22 Twn. 2N Rng. 9E Cnty. 29 Order No: 537817

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 3
Liner required for Category: 3
Pit Location is NON HSA
Pit Location Formation: WEWOKA

HORIZONTAL HOLE 1

Sec 08 Twp 5N Rge 9E County HUGHES
Spot Location of End Point: NW NE NW NE
Feet From: NORTH 1/4 Section Line: 1
Feet From: EAST 1/4 Section Line: 1770
Depth of Deviation: 5155
Radius of Turn: 750
Direction: 1
Total Length: 8667
Measured Total Depth: 15000
True Vertical Depth: 5535
End Point Location from Lease,
Unit, or Property Line: 1

Notes:

Table with 2 columns: Category, Description. Contains notes for HYDRAULIC FRACTURING, PENDING CD - 201806740, and PENDING CD - 201806741.

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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.

Category	Description
PENDING CD - 201806742	4/9/2019 - G75 - (I.O.) 17-5N-9E X687371 MSSP, WDFD, SLVN COMPL. INT. NCT 165' FSL, NCT 0' FNL, NCT 330' FEL NO OP. NAMED REC 9-11-2018 (M. PORTER)
PENDING CD - 201901788	4/9/2019 - G75 - (I.O.) 17-5N-9E X165:10-3-28(C)(2)(B) WDFD (AARDVARK 17/8-5H) ** NCT 100' TO FERRET 17/20/29-5H ++ SILVER CREEK OIL & GAS, LLC REC 4-12-2019 (MILLER) ** S/B AARDVARK 17/8-4H; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER ATTORNEY FOR OPERATOR ++ S/B FERRET 17/20/29-4H; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER ATTORNEY FOR OPERATOR
SPACING - 686009	4/9/2019 - G75 - (640)(HOR) 8-5N-9E EST MSSP, WDFD, SLVN, OTHER POE TO BHL (MSSP) NLT 660' FB POE TO BHL (SLVN) NLT 330' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
SPACING - 687371	4/9/2019 - G75 - (640)(HOR) 17-5N-9E EST MSSP, WDFD, SLVN, OTHER POE TO BHL (MSSP) NLT 660' FB POE TO BHL (SLVN) NLT 330' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL

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.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

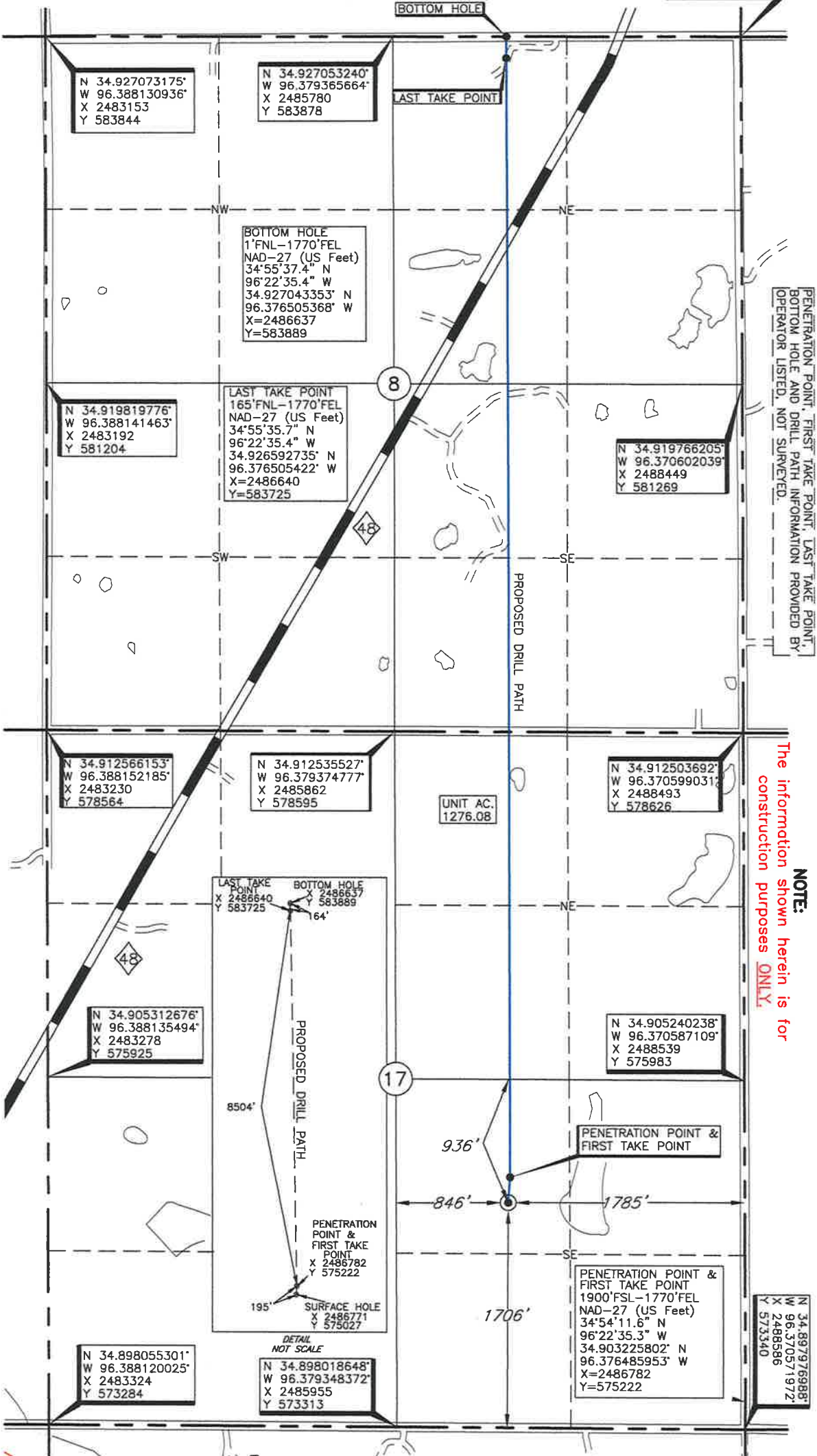
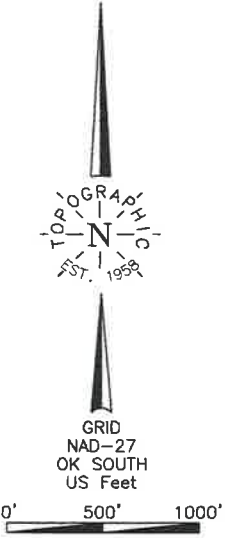
API 063-24893

13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

HUGHES County, Oklahoma
 1706'FSL - 1785'FEL Section 17 Township 5N Range 9E I.M.

N 34.927031150°
 W 96.370600696°
 X 2488407
 Y 583913



NOTE:
 The information shown herein is for construction purposes ONLY.

Operator: SILVER CREEK OIL & GAS, LLC
 Lease Name: AARDVARK
 Topography & Vegetation: Loc. fell in rolling pasture
 Well No.: 17/8-4H
 ELEVATION: 876' Gr. at Stake

Good Drill Site? Yes
 Reference Stakes or Alternate Location: None
 Best Accessibility to Location: From South off county road
 Distance & Direction: From the Jct. of St. Hwy. 1 & St. Hwy. 48 in Attwood, Ok. go ±4 miles South, then ±2 miles West to the SE Cor. of Sec. 17-T5N-R7E

DATUM: NAD-27
 LAT: 34°54'09.7"N
 LONG: 96°22'35.5"W
 LAT: 34.902691979° N
 LONG: 96.376535576° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2486771
 Y: 575027

Revision A Date of Drawing: Mar. 27, 2019
 Project # 125019 Date Staked: Mar. 21, 2019 LC

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

