

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

API NUMBER: 063 24884

Approval Date: 02/26/2019

Expiration Date: 08/26/2020

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

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

County: HUGHES

SPOT LOCATION: S2 S2 S2 SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 210 1320

Lease Name: AARDVARK 17-8

Well No: 5H

Well will be 210 feet from nearest unit or lease boundary.

Operator Name: SILVER CREEK OIL & GAS LLC

Telephone: 9725731630; 9725731

OTC/OCC Number: 22726 0

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

GABRIEL GOMEZ & MARIA GOMEZ
7329 E. 145 RD.
ATWOOD OK 74827

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: 201806741
201806742
201806740

Special Orders:

Total Depth: 15000

Ground Elevation: 875

Surface Casing: 640

Depth to base of Treatable Water-Bearing FM: 590

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.

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

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

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: N2 N2 N2 NE
Feet From: NORTH 1/4 Section Line: 1
Feet From: EAST 1/4 Section Line: 1320
Depth of Deviation: 4159
Radius of Turn: 382
Direction: 360
Total Length: 10241
Measured Total Depth: 15000
True Vertical Depth: 6000
End Point Location from Lease,
Unit, or Property Line: 1

Notes:

Category

Description

HYDRAULIC FRACTURING

12/30/2018 - 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

PENDING CD - 201806740

2/12/2019 - G75 - (I.O.) 17 & 8-5N-9E
EST MULTIUNIT HORIZONTAL WELL
X687371 MSSP, WDFD, SLVN 17-5N-9E
X686009 MSSP, WDFD, SLVN 8-5N-9E
(MSSP, SLVN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD)
50% 17-5N-9E
50% 8-5N-9E
NO OP. NAMED
REC 9-11-2018 (M. PORTER)

PENDING CD - 201806741

2/12/2019 - G75 - (I.O.) 8-5N-9E
X686009 MSSP, WDFD, SLVN
COMPL. INT. NCT 0' FSL, NCT 165' FNL, NCT 330' FEL
NO OP. NAMED
REC 9-11-2018 (M. PORTER)

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.

Category	Description
PENDING CD - 201806742	2/12/2019 - 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)
SPACING - 686009	2/12/2019 - 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	2/12/2019 - 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

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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA API 063-24884

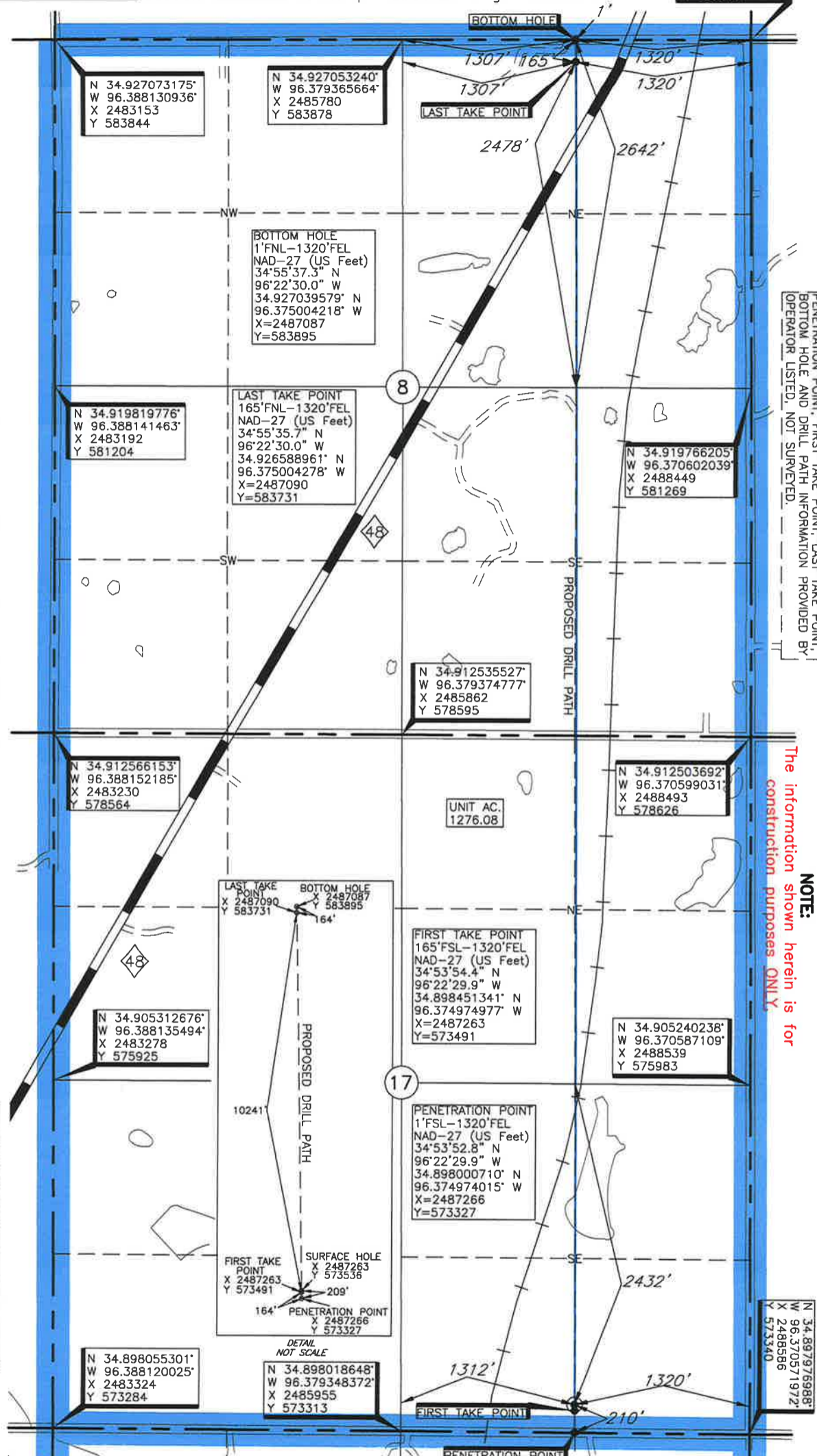
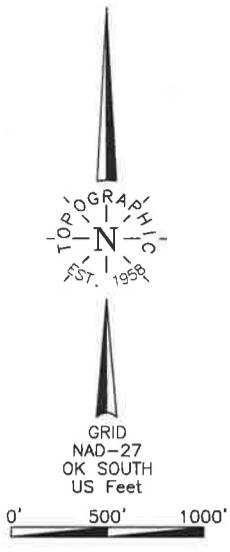
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

HUGHES

County, Oklahoma

210'FSL - 1320'FEL Section 17 Township 5N Range 9E I.M.

N 34.927031150°
 W 96.370600696°
 X 2488407
 Y 583913



PENETRATION POINT, FIRST TAKE POINT, LAST TAKE POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

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

Operator: SILVER CREEK OIL & GAS, LLC
 Lease Name: AARDVARK
 Well No.: 17/8-5H
 ELEVATION: 875' Gr. at Stake

Topography & Vegetation: Loc. fell in open pasture, small hills on North side

Good Drill Site? Yes No

Reference Stakes or Alternate Location: Stakes Set None

Best Accessibility to Location: From South off county road

Distance & Direction from Hwy Jct or Town: From Jct. St. Hwy. 48 W-N and St. Hwy. 1 E-W at Attwood, OK, go ±1.2 mi. W-SW on St. Hwys. 48 and 1, then ±2.6 mi. South on county road, then ±1.0 mi. West, then ±1.0 mi. South to the SE Cor. of Sec. 17-T5N-R9E

DATUM: NAD-27
 LAT: 34°53'54.9"N
 LONG: 96°22'29.9"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2487263
 Y: 573536

Revision B Date of Drawing: Dec. 05, 2018
 Invoice # 299307 Date Staked: Jul. 31, 2018 AC

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

