

API NUMBER: 063 24893 A

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

Approval Date: 10/05/2021
Expiration Date: 04/05/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 17 Township: 5N Range: 9E County: HUGHES

SPOT LOCATION: ☐ NW ☐ SE ☐ NW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1706 1785

Lease Name: AARDVARK Well No: 17/8-4H Well will be 1706 feet from nearest unit or lease boundary.
Operator Name: SILVER CREEK OIL & GAS LLC Telephone: 9725731630; 9725731630 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	Code	Depth
1	MISSISSIPPIAN	359MSSP	4965
2	WOODFORD	319WDFD	5336
3	SYLVAN	203SLVN	5535

Spacing Orders: 686009
687371

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202101648
202101649

Working interest owners' notified: ***

Special Orders: No Special

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

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: 675034

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

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

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

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

MULTI UNIT HOLE 1

Section: 8	Township: 5N	Range: 9E	Meridian: IM	Total Length: 8667
County: HUGHES				Measured Total Depth: 15000
Spot Location of End Point: NW	NE	NW	NE	True Vertical Depth: 5535
Feet From: NORTH	1/4 Section Line: 1			End Point Location from
Feet From: EAST	1/4 Section Line: 1770			Lease, Unit, or Property Line: 1

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>4/1/2019 - 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: 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>
PENDING CD - 202101648	<p>10/5/2021 - G56 - (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) 41% 17-5N-9E 59% 8-5N-9E NO OP. NAMED REC 9/21/2021 (MOORE)</p>
PENDING CD - 202101649	<p>[10/5/2021 - G56] - (I.O.) 17 & 8-5N-9E X687371 MSSP, WDFD, SLVN 17-5N-9E X686009 MSSP, WDFD, SLVN 8-5N-9E COMPL INT (17-5N-9E) NCT 1700' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (8-5N-9E) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP. NAMED REC 9/21/2021 (MOORE)</p>
SPACING - 686009	<p>10/5/2021 - G56 - (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</p>
SPACING - 687371	<p>10/5/2021 - G56 - (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</p>