

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

API NUMBER: 037 29414

Approval Date: 10/02/2018

Expiration Date: 04/02/2020

Straight Hole Injection

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 18N Rge: 7E

County: CREEK

SPOT LOCATION: ☐ SE ☐ NE ☐ SW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1807 1563

Lease Name: SAM LUCAS

Well No: 13W

Well will be 173 feet from nearest unit or lease boundary.

Operator PETCO PETROLEUM CORP
Name:

Telephone: 6306542282; 6306542

OTC/OCC Number: 19386 0

PETCO PETROLEUM CORP
108 E OGDEN AVE
HINSDALE, IL 60521-3572

CLAYTON ALSUP
102 WEST BOSTON
YALE OK 74085

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

	Name	Depth	Name	Depth
1	SKINNER	2415	6	
2	RED FORK	2485	7	
3	BARTLESVILLE	2575	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 2800

Ground Elevation: 883

Surface Casing: 910

Depth to base of Treatable Water-Bearing FM: 860

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 1500 Average: 900

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: VAMOOSA

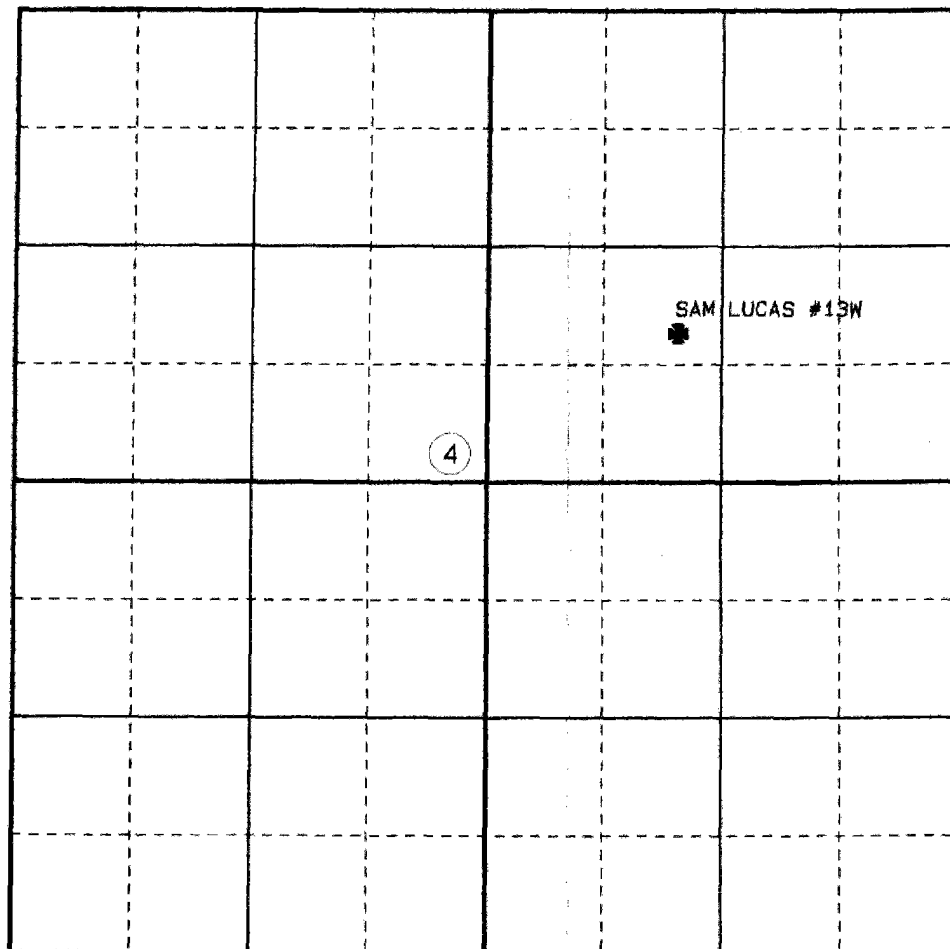
Notes:

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.

Category	Description
HYDRAULIC FRACTURING	<p>9/7/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <ol style="list-style-type: none"> 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: OCCWEB.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
SPACING	10/2/2018 - G57 - N/A - INJECTION WELL

WELL LOCATION FOR: Petco Petroleum Corp.

R-7-E



T
18
N

SAM LUCAS #13W
1807' F.N.L. &
1563' F.E.L. NE/4
SEC 4-T18N-R7E
ELEV 883'

DUE CARE AND DILIGENCE HAVE BEEN EXERCISED IN THE
STAKING OF THIS WELL LOCATION ON THE GROUND
ACCORDING TO THE BEST OFFICIAL RECORDS AND MAPS
AVAILABLE TO US.
PLEASE REVIEW THIS PLAT AND NOTIFY US IMMEDIATELY
OF ANY DISCREPANCY

PENCO ENGINEERING AND SURVEYING
P.O. BOX 657, BRISTOW, OK, 74010
(918) 367-2942; (918) 367-6068 fax
CAS 2074 EXPIRATION DATE 8-31-13

DATE OF LAST SITE VISIT: 10-23-14
DATE OF REVISIONS:

API:037 29414