

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

API NUMBER: 049 25199

Approval Date: 05/09/2018

Expiration Date: 11/09/2018

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 1N Rge: 2W

County: GARVIN

SPOT LOCATION: ☐ SE ☐ NW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 875 350

Lease Name: STORY

Well No: 6

Well will be 350 feet from nearest unit or lease boundary.

Operator Name: CITATION OIL & GAS CORPORATION

Telephone: 2818911000; 2818911

OTC/OCC Number: 14156 0

CITATION OIL & GAS CORPORATION  
PO BOX 690688  
HOUSTON, TX 77269-0688

KEITH WILLIAMS & KATHRYN WILLIAMS  
502 SOUTH ELIZABETH AVENUE  
PAULS VALLEY OK 73075

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

	Name	Depth	Name	Depth
1	MCLISH (INVERTED)	7200	6	
2	BROMIDE (INVERTED)	7850	7	
3			8	
4			9	
5			10	

Spacing Orders: 51197

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802726  
201802725

Special Orders:

Total Depth: 8875

Ground Elevation: 934

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 620

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 2500

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: WELLINGTON

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34070

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

**DIRECTIONAL HOLE 1**

Sec 18 Twp 1N Rge 2W County GARVIN

Spot Location of End Point: SW SW SW SW

Feet From: SOUTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 265

Measured Total Depth: 8875

True Vertical Depth: 8695

End Point Location from Lease,

Unit, or Property Line: 200

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.

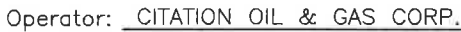
Category	Description
DEEP SURFACE CASING	4/27/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>4/13/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT 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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
PENDING CD - 201802725	<p>4/30/2018 - G75 - W2 SW4 18-1N-2W X51197 MCLIV, BRMDI, OTHER 1 WELL REC 5-3-2018 (THOMAS)</p>
PENDING CD - 201802726	<p>4/30/2018 - G75 - (I.O.) W2 SW4 18-1N-2W X51197 MCLIV, BRMDI, OTHER SHL NCT 875' FSL, NCT 350' FWL BHL NCT 200' FSL, NCT 265' FWL NO OP. NAMED REC 5-8-2018 (MILLER)</p>
SPACING - 51197	<p>4/30/2018 - G75 - (80) SW4 18-1N-2W SU SLOT (1963) NE/SW (1971) EXT 50466 BRMDI, MCLIV, OTHER</p>

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

GARVIN

County, Oklahoma

875' FSL - 350' FWL Section 18 Township 1N Range 2W I.M.



Lease Name: STORY

Well No.: #6API#TBD

**ELEVATION:**

934' Gr. at Stake

Topography & Vegetation Loc. fell in brushy pasture sloping downhill to the West

Good Drill Site? Yes 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 Elmore City, OK, go  $\pm 2.5$  mi. West on St. Hwy. 29, then  $\pm 5.0$  mi. South,  
then  $\pm 1.0$  mi. West to the SW Cor. of Sec. 18-T1N-R2W

Date of Drawing: Mar. 05, 2018

Invoice # 289090 Date Staked: Feb. 28, 2018

AC

This information was gathered with a GPS receiver with  $\pm 1$  foot Horiz./Vert. accuracy

DATUM: NAD-27  
LAT: 34°33'10.0"N  
LONG: 97°27'22.9"W  
LAT: 34.552765943° N  
LONG: 97.456362609° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2163693  
Y: 444205

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

Oklahoma Lic. No. 1433

