

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

API NUMBER: 085 21290

Approval Date: 05/30/2018

Expiration Date: 11/30/2018

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 8S Rge: 1E

County: LOVE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 420 330

Lease Name: ASCENDER

Well No: 1

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: TILLMAN CONSULTING LLC dba B & C OPERATING

Telephone: 4052654800

OTC/OCC Number: 24211 0

TILLMAN CONSULTING LLC dba B & C OPERATING
PO BOX 1195
MUSTANG, OK 73064

WESLEY SMITH
ROUTE 2
MARIETTA OK 73448

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

	Name	Depth	Name	Depth
1	DILLARD	7400	6	
2	SANDERS	7700	7	
3	ARBUCKLE	7850	8	
4			9	
5			10	

Spacing Orders: 53705

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8300

Ground Elevation: 738

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 610

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 2300 Average: 1500

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 18-34607

H. MIN. 20-MIL PIT LINER REQUIRED

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.

085 21290 ASCENDER 1

Category	Description
HYDRAULIC FRACTURING	<p>5/29/2018 - 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: 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>
SPACING	5/29/2018 - G75 - SANDERS & ARBUCKLE UNSPACED; 160-ACRE LEASE (SW4)
SPACING - 53705	<p>5/29/2018 - G75 - (40) 24-8S-1E</p> <p>EXT 46450/51624 DLRD</p> <p>EXT OTHER</p> <p>EST OTHERS</p>

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

API 085-21290

LOVE

County, Oklahoma

330'FSL-330'FWL Section 24 Township 8S Range 1E I.M.

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

X= 2254936
Y= 187613

ALTERNATE
420'FSL-330'FWL
ELEV. 738'
NAD-27 (US Feet)
33°50'23.5"N
97°09'33.6"W
33.839847886"N
97.159339906"W
X= 2255288
Y= 185392

X= 2254962
Y= 184970

X= 2260239
Y= 185006

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have NOT been measured on the ground.



GRID
NAD-27
OK SOUTH
US Feet
0' 500' 1000'

Operator: FIRST ASCENT OPERATING LLC

Lease Name: ASCENDER

Well No.: #1

ELEVATION:

739' Gr. at Stake

Topography & Vegetation Loc. fell in rough timber and ravines.

Good Drill Site? Yes; ALT/Yes

Reference Stakes or Alternate Location

Stakes Set ALT 420'FSL-330'FWL, ELEV. 738'

Best Accessibility to Location From South off existing lease road.

Distance & Direction

From Hwy Jct or Town From St. Hwy. 77 at Bomar, OK, go South on St. Hwy. 77 ±1.4 miles, then West on Switch Back Rd, then North ±0.4 mile, then West ±0.5 mile, then South ±0.5 mile, then West ±0.8 mile to lease road North into Sec. 25-8S-1E

Revision ☒ A

Date of Drawing: May 29, 2018

Invoice # 290807

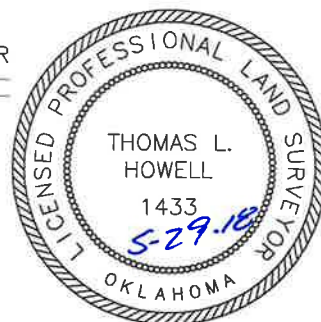
Date Staked: Mar. 22, 2018

TR

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

Oklahoma Lic. No. 1433



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

DATUM: NAD-27
LAT: 33°50'22.6"N
LONG: 97°09'33.6"W
LAT: 33.839600915"N
LONG: 97.159339226"W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2255289
Y: 185302