

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

API NUMBER: 017 25176

Approval Date: 02/20/2018

Expiration Date: 08/20/2018

Straight Hole

Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 12N Rge: 6W

County: CANADIAN

SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 180 495

Lease Name: YUKON

Well No: 3

Well will be 180 feet from nearest unit or lease boundary.

Operator Name: S & S STAR OPERATING LLC

Telephone: 3033046523

OTC/OCC Number: 23996 0

S & S STAR OPERATING LLC
1308 LAKE ST
FORT WORTH, TX 76102-4505

S & S STAR OPERATING LLC
1308 LAKE ST.
FORT WORTH TX 76102

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

	Name	Depth	Name	Depth
1	WOLFCAMPIAN	2600	6	
2	VIRGILIAN	3800	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 6500

Ground Elevation: 1309

Surface Casing: 970

Depth to base of Treatable Water-Bearing FM: 770

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: 4000 Average: 1800

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: DUNCAN

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>2/2/2018 - 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	2/5/2018 - G71 - N/A - DISPOSAL WELL

CANADIAN

County, Oklahoma

180'FSL-495'FWL

Section

24

Township

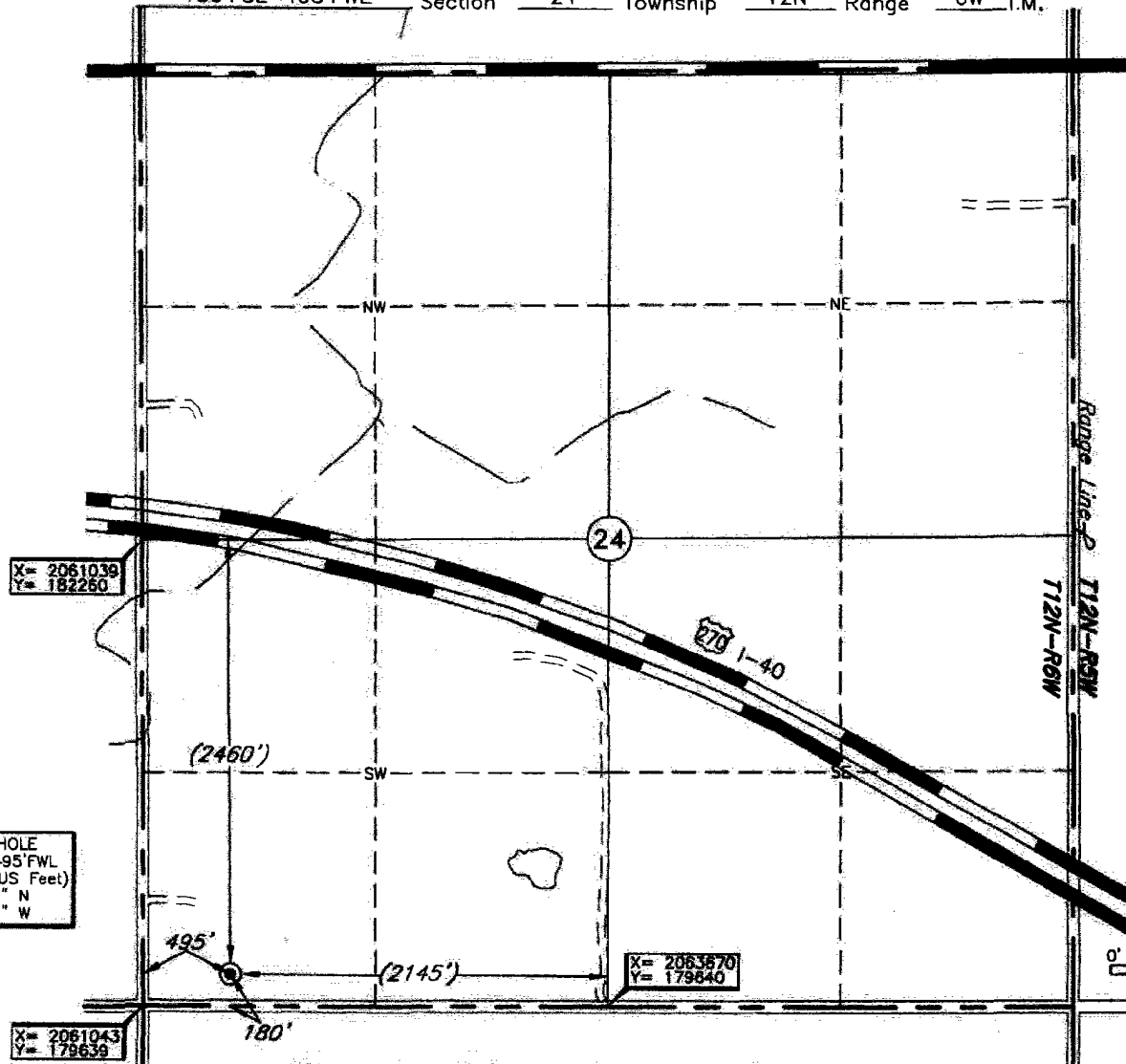
12N

Range

6W

I.M.

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



SURFACE HOLE
180'FSL-495'FWL
NAD-83 (US Feet)
35°29'37.9" N
97°47'37.0" W

X= 2061043
Y= 179639

X= 2063670
Y= 179840

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.

ELEVATION:

1309' Gr. at Stake NGVD29
1309' Gr. at Stake NAVD88

Operator: S&S STAR OPERATING LLC

Lease Name: YUKON

Well No.: #3

Topography & Vegetation Loc. fell in pasture, ±150' North of fence, ±125' West of small power line.

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 the Junction of I-40 and Garth Brooks Blvd. in Yukon, OK, go

±1.3 miles North, then ±2 miles West on US Hwy. 66, then ±1 mile South to the SW Cor. of Sec.
24-T12N-R6W.

Date of Drawing: Jan. 31, 2018

Invoice # 287052 Date Staked: Jan. 25, 2018

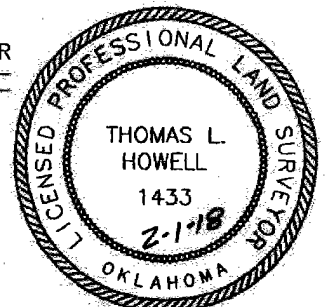
TR

DATUM: NAD-27
LAT: 35°29'37.7"N
LONG: 97°47'35.8"W
LAT: 35.493813261°N
LONG: 97.793291075°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2061538
Y: 179820

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



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