

API NUMBER: 141 20527 A

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

Approval Date: 04/07/2020

Expiration Date: 10/07/2021

Straight Hole Oil & Gas

Amend reason: CHANGE OPERATOR AND UPDATE ORDER

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 10 Township: 3S Range: 18W County: TILLMAN

SPOT LOCATION: ☐ NE ☐ SW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 673 835

Lease Name: BRUSER Well No: 1-10 Well will be 673 feet from nearest unit or lease boundary.

Operator Name: AC OPERATING COMPANY LLC Telephone: 7138819030 OTC/OCC Number: 23061 0

AC OPERATING COMPANY LLC
952 ECHO LN STE 390
HOUSTON, TX 77024-2851

DONALD B HALL AND ELIZABETH HALL
REVOCABLE FARM TRUST/STUART HALL
233 WINCHESTER DRIVE
CENTERVILLE MD 21617

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

	Name	Code	Depth
1	HENDERSON	406HDRS	3130
2	CANYON	405CNYN	3250
3	STRAWN A	404STRNA	4765
4	STRAWN B	404STRNB	4940
5	STRAWN C	404STRNC	5030

	Name	Code	Depth
6	STRAWN D	404STRND	5100
7	MISSISSIPPIAN	359MSSP	5220

Spacing Orders: 712283

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 5220

Ground Elevation: 1217

Surface Casing: 160

Depth to base of Treatable Water-Bearing FM: 110

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. (Other)

1B MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT
PRIOR TO TESTING SOIL PIT LINER

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: 1B

Liner required for Category: 1B

Pit Location is: AP/TE DEPOSIT

Pit Location Formation: TERRACE

NOTES:

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.

Category	Description
HYDRAULIC FRACTURING	<p>3/10/2020 - GC2 - 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 - 712283	<p>8/4/2021 - GC2 - (80) 10-3S-18W SU NE4 NW4</p> <p>EST HDRS, CNYN, STRNA, STRNB, STRNC, STRND, MSSP</p>

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TOPOGRAPHIC LAND SURVEYORS

13800 Wireless Way, Oklahoma City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1292 LS

TILLMAN

COUNTY, OKLAHOMA

673' FNL - 1805' FWL SECTION 10 TOWNSHIP 3S RANGE 18W I.M.



GRID
OK SOUTH
US FEET

SCALE: 1" = 1000'
0' 500' 1000'

SURFACE LOCATION

DATUM: NAD-27

LAT: 34°19'04.0" N

LONG: 99°04'26.7" W

LAT: 34.31777761° N

LONG: 99.07408826° W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK SOUTH

X: X 1675678

Y: Y 359974

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

CERTIFICATE:

I, T. Wayne Fisch an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein.

T. Wayne Fisch
Oklahoma Reg. No. 1378



NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
- DISTANCES SHOWN IN (PARENTESIS) 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.

OPERATOR: AC OPERATING

LEASE NAME: WELL NO: BRUSER WELL NO: 1-10

TOPOGRAPHY & VEGETATION: Location fell in level harvested cotton field.

GOOD DRILL SITE? Yes

REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET: None

BEST ACCESSIBILITY TO LOCATION: From North Section line road.

DISTANCE & DIRECTION: From Fredrick, OK, go ±5.5 mi. Southwest on US 183, then ±2 mi. West on Co. Rd. to the NW corner of Sec 10-T3S-R18W.

ELEVATION:

1217' Gr. at STK. (NGVD29)

PROJECT # 143014

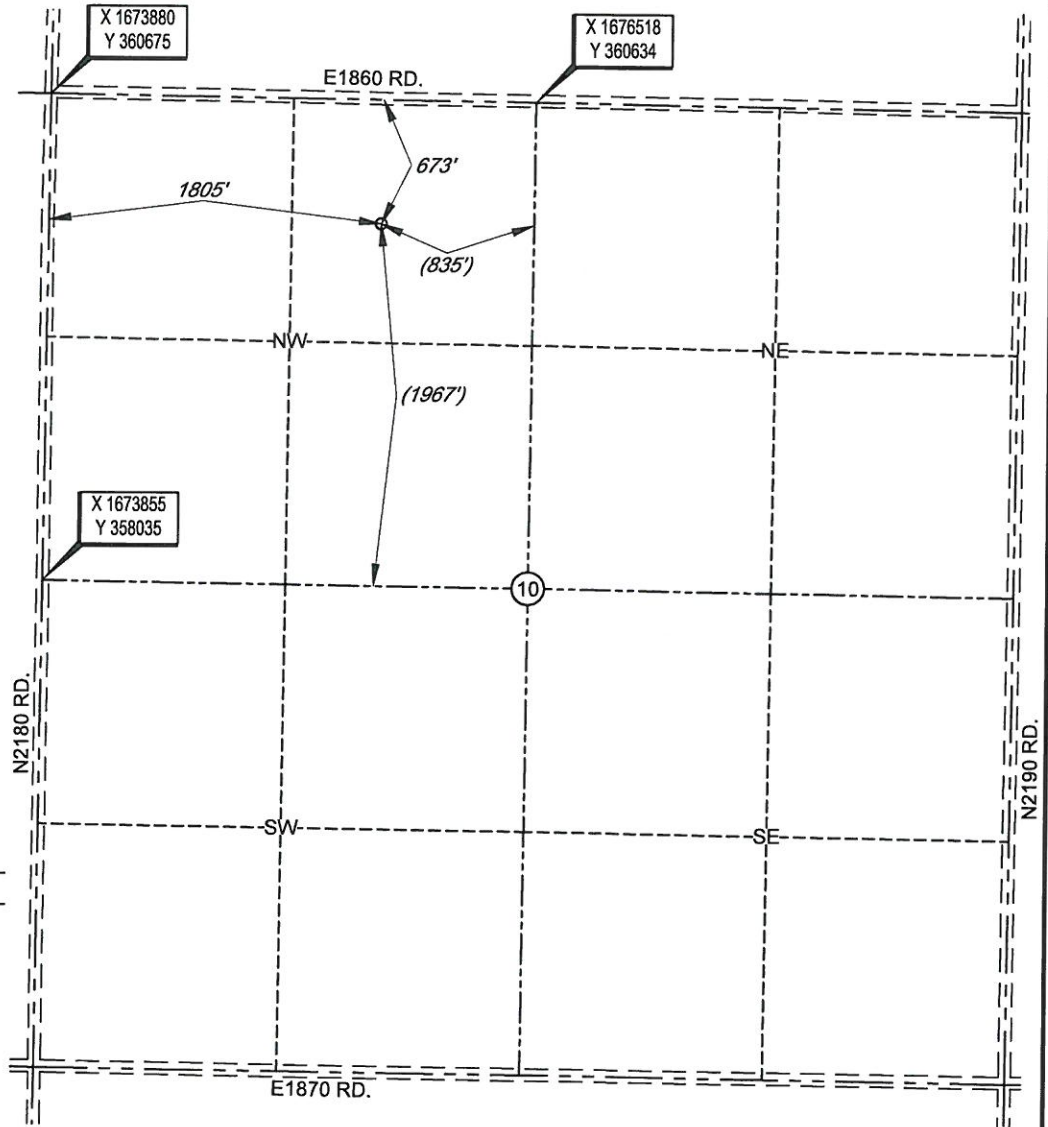
DATE OF DRAWING: JULY 29, 2021

DATE STAKED: JANUARY 15, 2020

DRAWN BY: TR

REVISION: 1

FILE NAME: LO_BRUSER_1-10_REV1



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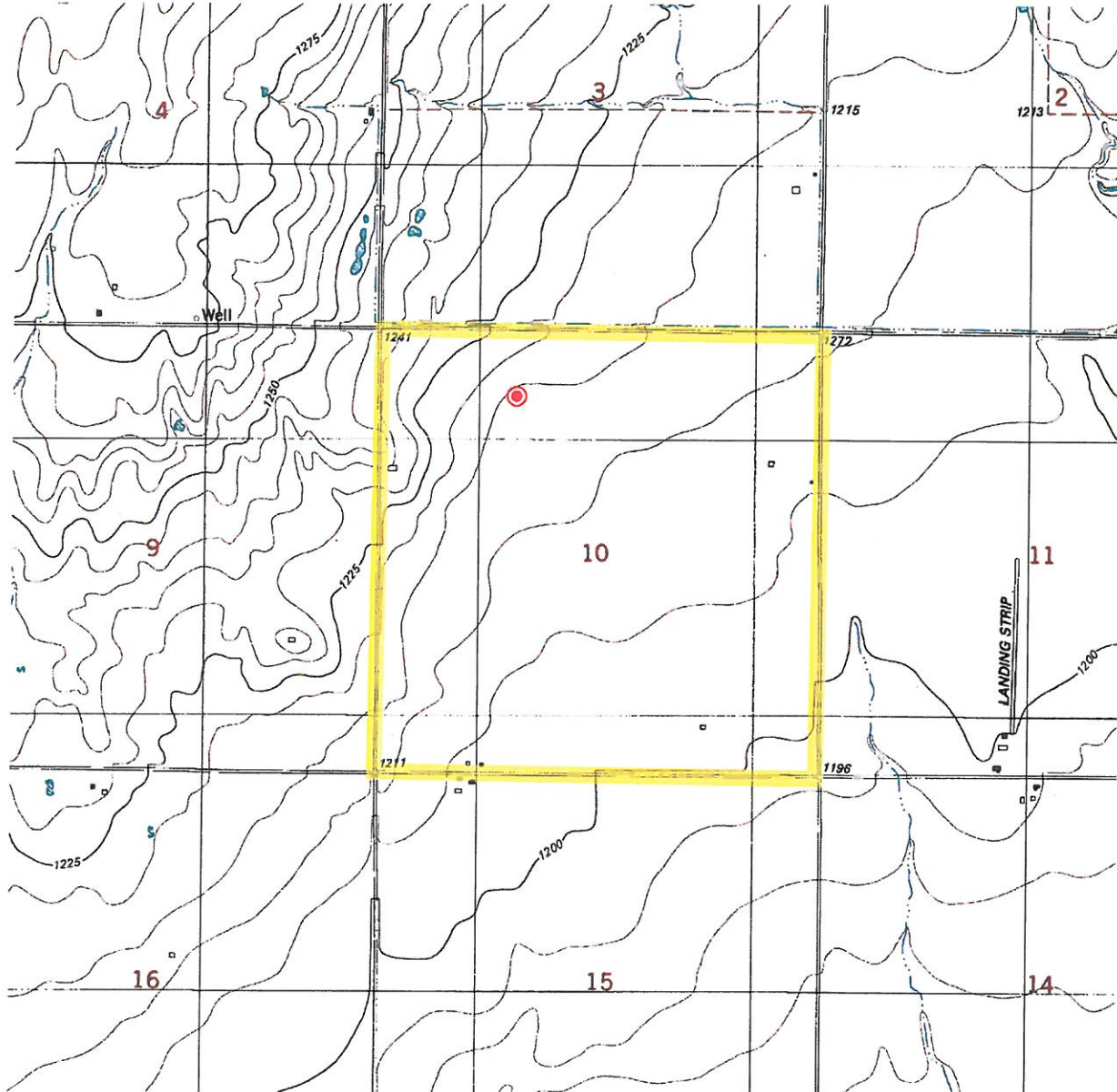
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LOCATION & VERIFICATION MAP



SECTION 10 TOWNSHIP 3S RANGE 18W I.M.
COUNTY TILLMAN STATE OKLAHOMA
OPERATOR AC OPERATING
DESCRIPTION 673' FNL - 1805' FWL
LEASE BRUSER 1-10
ELEVATION 1217' Gr. at STK. (NGVD29)

Above Background Data from
U.S.G.S. Topographic Map
Scale 1"=2000'

Contour Interval 5'

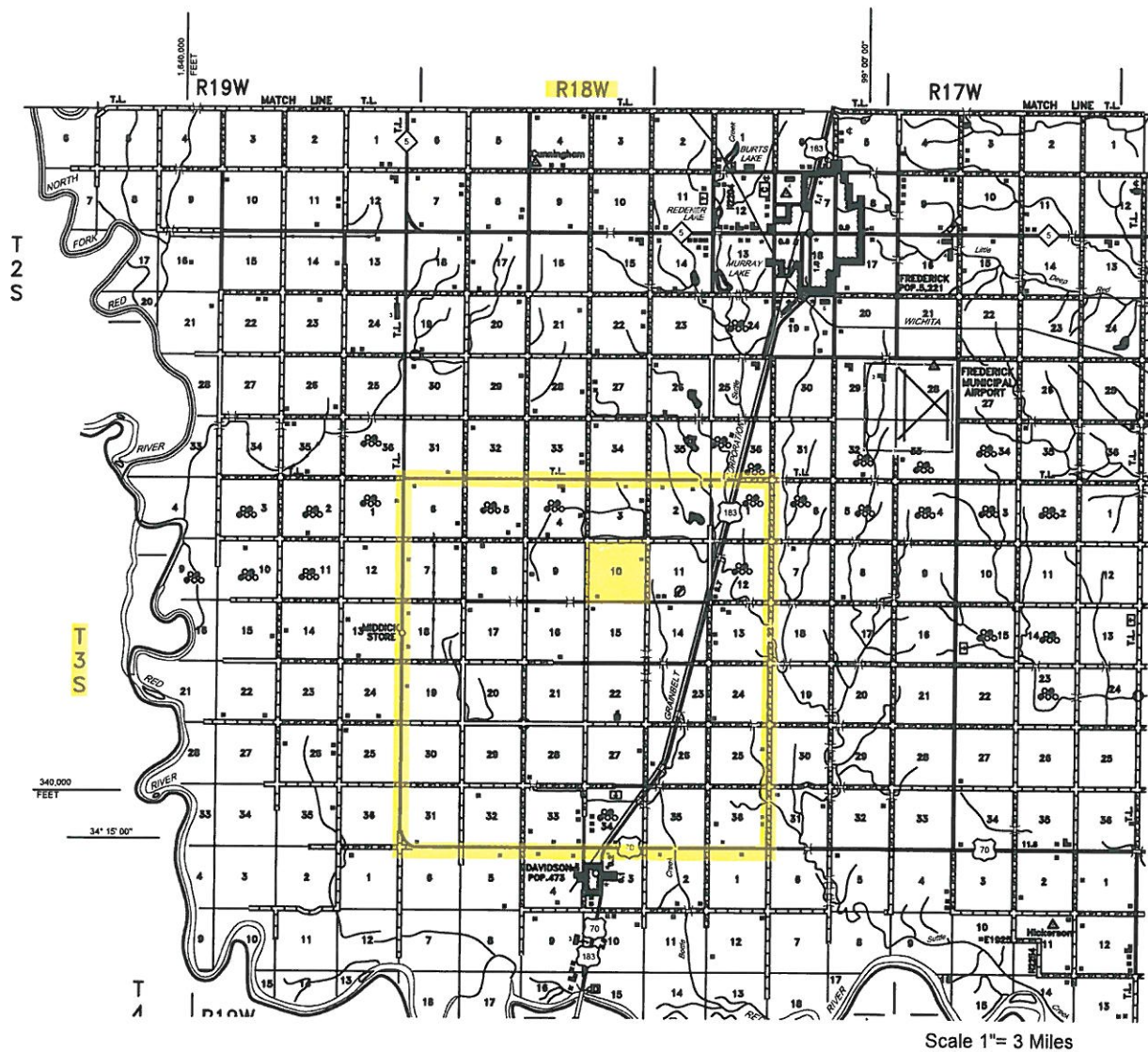
When elevation is shown hereon it is the ground
elevation of the location stake.
Review this plat and inform us of
any possible discrepancy.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

13800 WIRELESS WAY OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219 FAX (817) 744-7554
WWW.TOPOGRAPHIC.COM
CERTIFICATE OF AUTHORIZATION NO. 1292 LS

VICINITY MAP



SECTION 10 TOWNSHIP 3S RANGE 18W I.M.

COUNTY TILLMAN STATE OKLAHOMA

OPERATOR AC OPERATING