

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

API NUMBER: 049 25191 A

Approval Date: 04/06/2018

Expiration Date: 10/06/2018

Straight Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION & TOTAL DEPTH;
ADD/DELETE FORMATIONS; CHANGE FORMATION DEPTHS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 1N Rge: 3W

County: GARVIN

SPOT LOCATION: ☐ NE ☐ NW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2434 453

Lease Name: WILEY

Well No: 4-4

Well will be 453 feet from nearest unit or lease boundary.

Operator Name: IRON STAR ENERGY LLC

Telephone: 9189386069

OTC/OCC Number: 23355 0

IRON STAR ENERGY LLC
PO BOX 163793
AUSTIN, TX 78716-3793

DERALD D. MCCONNELL
305 MARTHA ST.
SPRINGTOWN TX 76082

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

	Name	Depth		Name	Depth
1	CISCO	3744	6	WOODFORD	11141
2	OIL CREEK	4500	7	HUNTON	11329
3	GODDARD	7300	8	VIOLA	11891
4	CANEY	10786	9	BROMIDE	12908
5	SYCAMORE	11022	10	MCLISH	13398

Spacing Orders: 563866

Location Exception Orders: 667655

Increased Density Orders: 666369

Pending CD Numbers:

Special Orders:

Total Depth: 13550

Ground Elevation: 1011

Surface Casing: 1070

Depth to base of Treatable Water-Bearing FM: 1020

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: 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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

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

PERMIT NO: 18-33916

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

This permit does not address the right of entry or settlement of surface damages.

049 25191 WILEY 4-4

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.

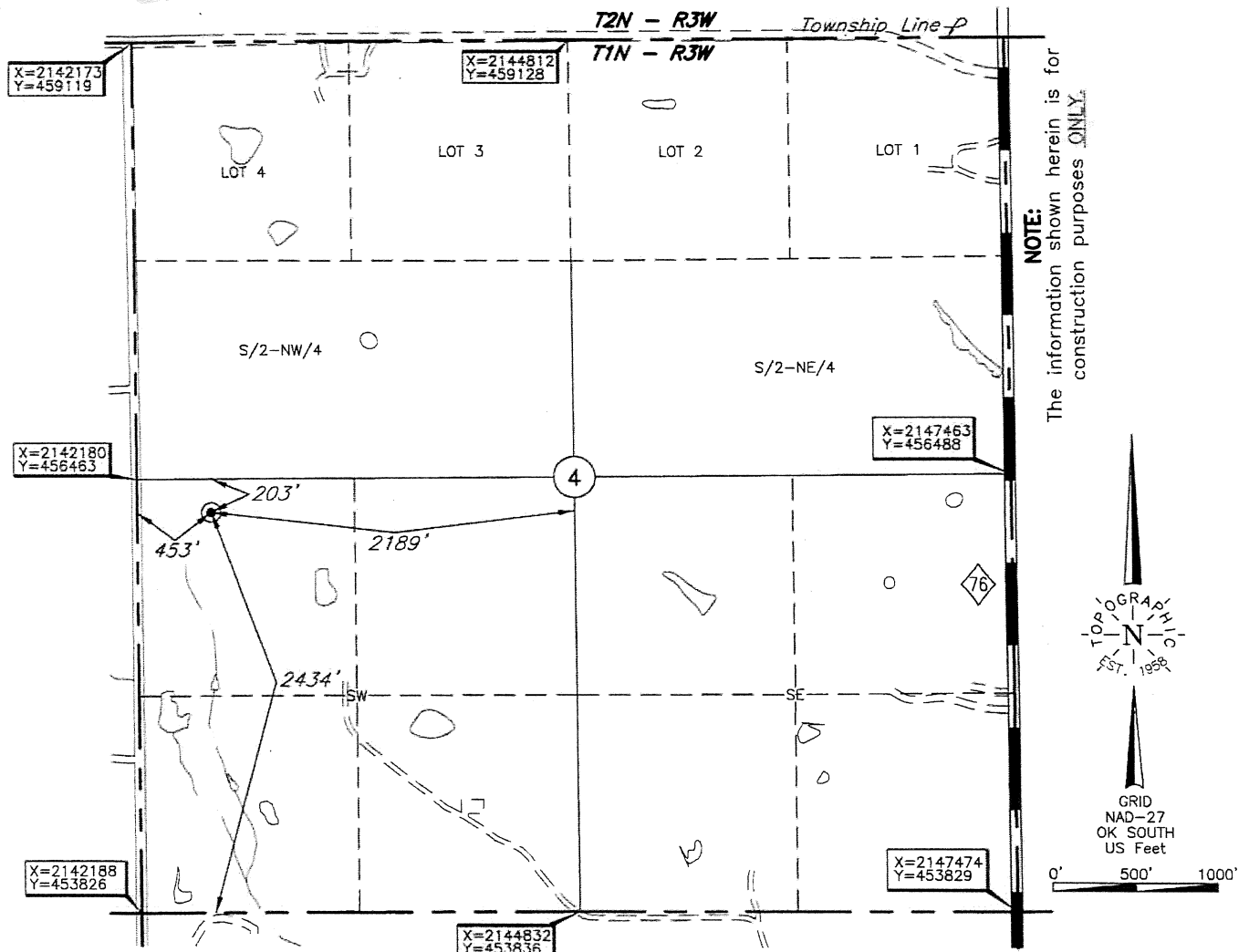
Category	Description
FORMATION	10/11/2018 - G75 - OIL CREEK IN OVERTHRUST FAULT BLOCK AND LIES ABOVE GODDARD PER OPERATOR
HYDRAULIC FRACTURING	<p>2/20/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS 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: OCCEWEB.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>
INCREASED DENSITY - 666369	<p>3/9/2018 - G75 - W2 4-1N-3W X563866 SCMR, WDFD, HNTN, VIOL 2 WELLS IRON STAR ENERGY, L.L.C. 7-27-2017 (WELL SPUD 7-14-2018)</p>
LOCATION EXCEPTION - 667655	<p>10/11/2018 - G75 - (I.O.) W2 4-1N-3W X563866 CSCO, GDRD, CNEY, SCMR, WDFD, HNTN, VIOL, BRMD, MCLS, OLCK, OTHERS NCT 2775' FNL, NCT 416' FWL IRON STAR ENERGY, L.L.C. 8-30-2017 (WELL SPUD 7-14-2018)</p>
SPACING - 563866	<p>10/11/2018 - G75 - (320) W2 4-1N-3W SU SW4 NCT 660' FB VAC OTHER VAC 171078 SCMR SW4 VAC 38942 BRMD, MCLS, OLCK SW4 EST CSCO, GDRD, CNEY, SCMR, WDFD, HNTN, VIOL, BRMD, MCLS, OLCK, OTHERS</p>

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Operator: IRON STAR ENERGY, LLC

Lease Name: WILEY

Well No.: 4-4

ELEVATION:

1011' Gr. at level pad

Topography & Vegetation Conductor pipe on level pad

Good Drill Site? Yes Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From West off county road

Distance & Direction

from Hwy Jct or Town From Pernell, OK go ± 0.1 mi. North on county road, then ± 1.0 mi. West,
then ± 1.0 mi. North to the SW Cor. of Sec. 4-T1N-R3W

Date of Drawing: Aug. 23, 2018

Invoice # 300953 Date Staked: Aug. 22, 2018

AC

CERTIFICATE:

I, Dan W. Rogers an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Dan W. Rogers
Oklahoma Lic. No. 1200



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

DATUM: NAD-27
LAT: 34°35'10.3"N
LONG: 97°31'34.0"W
LAT: 34.586188670° N
LONG: 97.526111011° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2142634
Y: 456262