

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

API NUMBER: 093 25235

Approval Date: 08/14/2019

Expiration Date: 02/14/2021

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 21N Rge: 14W

County: MAJOR

SPOT LOCATION: ☐ SE ☐ NE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 920 1264

Lease Name: CHEVAL

Well No: 10-3

Well will be 920 feet from nearest unit or lease boundary.

Operator Name: KIRKPATRICK OIL COMPANY INC

Telephone: 4058402882

OTC/OCC Number: 19792 0

KIRKPATRICK OIL COMPANY INC
1001 W WILSHIRE BLVD STE 202
OKLAHOMA CITY, OK 73116-7017

LOREN DAVID BREWER
5901 SANDSAGE DRIVE
EDMOND OK 73034

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

Name	Depth	Name	Depth
1 CHEROKEE SAND	7000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 64660

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 7500

Ground Elevation: 1487

Surface Casing: 580

Depth to base of Treatable Water-Bearing FM: 530

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FLOWERPOT

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-36848

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - BARNEY CREEK)

DIRECTIONAL HOLE 1

Sec 05 Twp 21N Rge 14W County MAJOR

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 320

Feet From: WEST 1/4 Section Line: 1600

Measured Total Depth: 7500

True Vertical Depth: 7000

End Point Location from Lease,

Unit, or Property Line: 320

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.

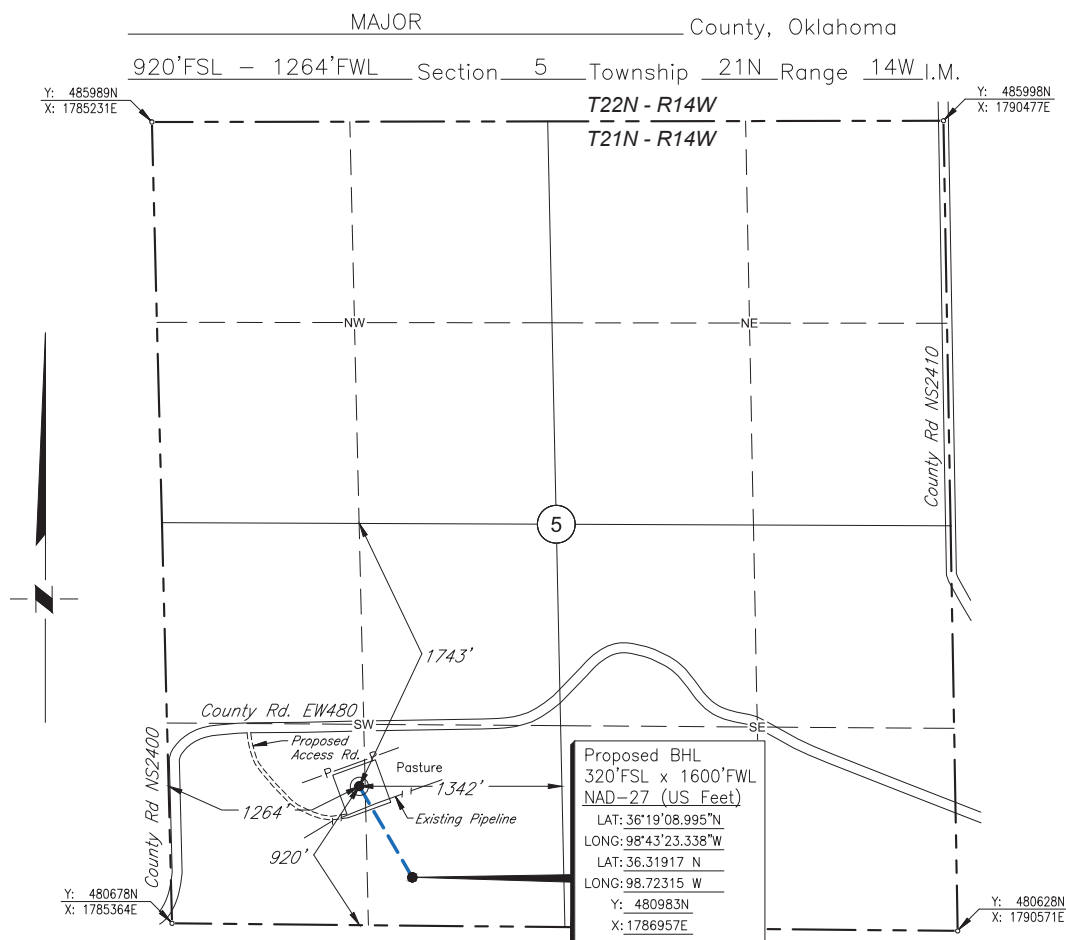
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
HYDRAULIC FRACTURING	<p>7/30/2019 - 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 - 64660	<p>8/13/2019 - G56 - (UNIT) LOTS 1, 2, S2 NE4, SE4, S2 SW4, NE4 SW4, SE4 NW4 5-21N-14W EST CHEVAL UNIT FOR CHRKS</p>



CIMARRON
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires June 30, 2020

1530 SW 89th STREET, Bldg. C3
Oklahoma City, OK
(405) 692-7348
CIMSURVEY.COM



Scale: 1" = 1000'

Date Staked: July 18, 2019

GPS Observation: Latitude 36°19'14.932" N
Longitude 98°43'27.687" W
Latitude 36.32081 N
Longitude 98.72436 W

State Plane NAD27 Y: 481586N
Oklahoma North Zone: X: 1786605E

Operator: KIRKPATRICK OIL COMPANY, INC. Elevation: 1487'

Lease Name: CHEVAL Well No.: 10-3

Topography & Vegetation: Pasture

Alternate Location Stakes Set: No Good Drill Site? Yes

Best Accessibility to Location: From the West Line

Distance & Direction

from Hwy Jct or Town: From the town of Cheyenne Valley; Thence south approx. 3½ miles; Thence west approx. 4 miles to the SW Corner of Section 5.

SURVEYOR'S CERTIFICATE:

I, D. MIKE DOSSEY, Registered Professional Land Surveyor, No. 1431 do hereby certify that the above described well location was carefully staked on the ground as shown and that all ties and distances shown are from existing lines of occupation.

JOB NO.:	191465				
DATE:	07/22/19				
DRAWN BY:	T.A.W.	NO.	REVISION	DATE	BY

PRELIMINARY

D. MIKE DOSSEY R.P.L.S. # 1431

