

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

API NUMBER: 045 23817

Approval Date: 10/24/2019

Expiration Date: 04/24/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 19N Rge: 26W

County: ELLIS

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 2325 1970

Lease Name: KELLN TRUST 8/5 GB

Well No: #2HC

Well will be 1970 feet from nearest unit or lease boundary.

Operator Name: MEWBOURNE OIL COMPANY

Telephone: 9035612900

OTC/OCC Number: 6722 0

MEWBOURNE OIL COMPANY

PO BOX 7698

TYLER, TX 75711-7698

LADONNA JUNE MORROW

P.O. BOX 326

DARROUZETT TX 79024

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

Name	Depth	Name	Depth
1 CLEVELAND	8400	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 105527
100596

Location Exception Orders: 690685

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 16523

Ground Elevation: 2537

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 610

Deep surface casing has been approved

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: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 25000 Average: 7500

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: OGALLALA

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

PERMIT NO: 19-37000

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: OGALLALA

HORIZONTAL HOLE 1

Sec 05 Twp 19N Rge 26W County ELLIS

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1400

Depth of Deviation: 7980

Radius of Turn: 576

Direction: 5

Total Length: 7638

Measured Total Depth: 16523

True Vertical Depth: 8445

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

9/25/2019 - GC2 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

9/25/2019 - GC2 - OCC 165:10-3-10 REQUIRES:

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;

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,

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

LOCATION EXCEPTION - 690685

10/23/2019 - G56 - (I.O.) FRAC SEC 5 & FRAC SEC N2 8-19N-26W
X105527 CLVD***
COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 1100' FWL
NO OP NAMED
1/31/2019

***S/B X100596/105527 CLVD; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR

MEMO

9/25/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

045 23817 KELLN TRUST 8/5 GB #2HC

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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.

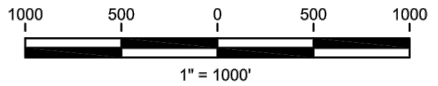
SPACING - 100596

10/23/2019 - G56 - (495)(IRR UNIT) FRAC SEC 5 & FRAC SEC 8-19N-26W
EXT OTHERS
EST CLVD ,OTHERS

SPACING - 105527

10/23/2019 - G56 - (640)(IRR UNIT) FRAC SEC 5 & FRAC SEC N2 8-19N-26W
REFORM OTHER
REFORM 100596 CLVD, OTHERS

COMPANY: MEWBOURNE OIL COMPANY LEASE NAME: KELLN TRUST 8/5 GB #2HC
SECTION: 8 TOWNSHIP: T-19-N RANGE: R-26-WIM FOOTAGES: 2325'FSL & 1970'FEL
COUNTY: ELLIS STATE: OK
LATITUDE: 36°08'09.61" LONGITUDE: -99°59'42.93" ELEVATION: 2537'GR
DIRECTION: ±16 MILES NORTHWEST OF ARNETT, OKLAHOMA
TOPOGRAPHY & VEGETATION: PASTURE
BEST ACCESSIBILITY: FROM HIGHWAY 60 SOUTH



045-23817

OKLAHOMA NORTH, NAD-27
SURFACE LOCATION
SECTION: 2325'FSL & 1970'FEL
LAT: 36°08'09.61"
LON: -99°59'42.93"
X: 1410852.84
Y: 419568.50
LAT: 36.13600340
LON: -99.99525949

NOTE:
BEARINGS, DISTANCES & COORDINATES BASED ON OKLAHOMA STATE
PLANE COORDINATE SYSTEM
GPS OBSERVATION, OK NORTH ZONE, NAD-27
GRID, US SURVEY FEET

I, Codi Lamberson, HEREBY STATE THAT THE LOCATION PLAT SHOWN HEREON IS TRUE AND
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED BY ME OR UNDER MY
SUPERVISION.



Codi Lamberson
July 9, 2019
Codi Lamberson, P.L.S., 1963
SURVEYED ON THE GROUND: JULY 8, 2019



FILE: ORFS-8000-114		
DATE: 9/11/2018		
SURVEYED BY: C.H.		
DRAWN BY: K.Y.		
CHECKED BY: C.L.		
REVISION:		
1	K.Y.	CHANGED NAME
2		



1503 S. BARNES, PAMPA, TX 79065
O: 806.665.0770
39350 IH-10 WEST, BOERNE, TX 78006
O: 830.816.5009