

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

API NUMBER: 053 23461

Approval Date: 06/20/2018

Expiration Date: 12/20/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 25N Rge: 7W

County: GRANT

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1600 410

Lease Name: KENT

Well No: 1-7

Well will be 1040 feet from nearest unit or lease boundary.

Operator Name: HERITAGE EXPLORATION LLC

Telephone: 4054966756

OTC/OCC Number: 23893 0

HERITAGE EXPLORATION LLC
3209 PINE RIDGE RD
OKLAHOMA CITY, OK 73120-5622

WILLIAM KENT RESIDUARY TRUST
89258 HWY. 60
POND CREEK OK 73766

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

Name	Depth	Name	Depth
1 CLEVELAND	4850	6 MISSISSIPPIAN	5430
2 BIG LIME	4950	7 MISENER	6120
3 OSWEGO	5050	8 HUNTON	6140
4 SKINNER	5300	9 VIOLA	6200
5 RED FORK	5350	10 WILCOX	6280

Spacing Orders: 675632

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 6500

Ground Elevation: 1104

Surface Casing: 250

Depth to base of Treatable Water-Bearing FM: 190

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: 10000 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: FAIRMONT

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

PERMIT NO: 18-34445

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

Additional Surface Owner

Address

City, State, Zip

DORIS KENT REVOC. TRUST

89258 HIGHWAY 60

POND CREEK, OK 73766

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>5/7/2018 - 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 - 675632	<p>5/18/2018 - G75 - (320) 7-25N-7W LD NCT 660' FB VAC 77316 CLVD, BGLO, SKNR, RDFK, MSSLM, MSRH, WLCX EST CLVD, BGLM, OSWG, SKNR, RDFK, MSSP, MSNR, HNTN, VIOL, WLCX</p>

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053 23461 KENT 1-7

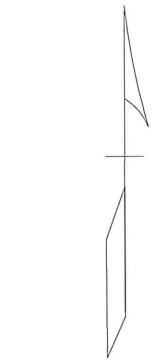
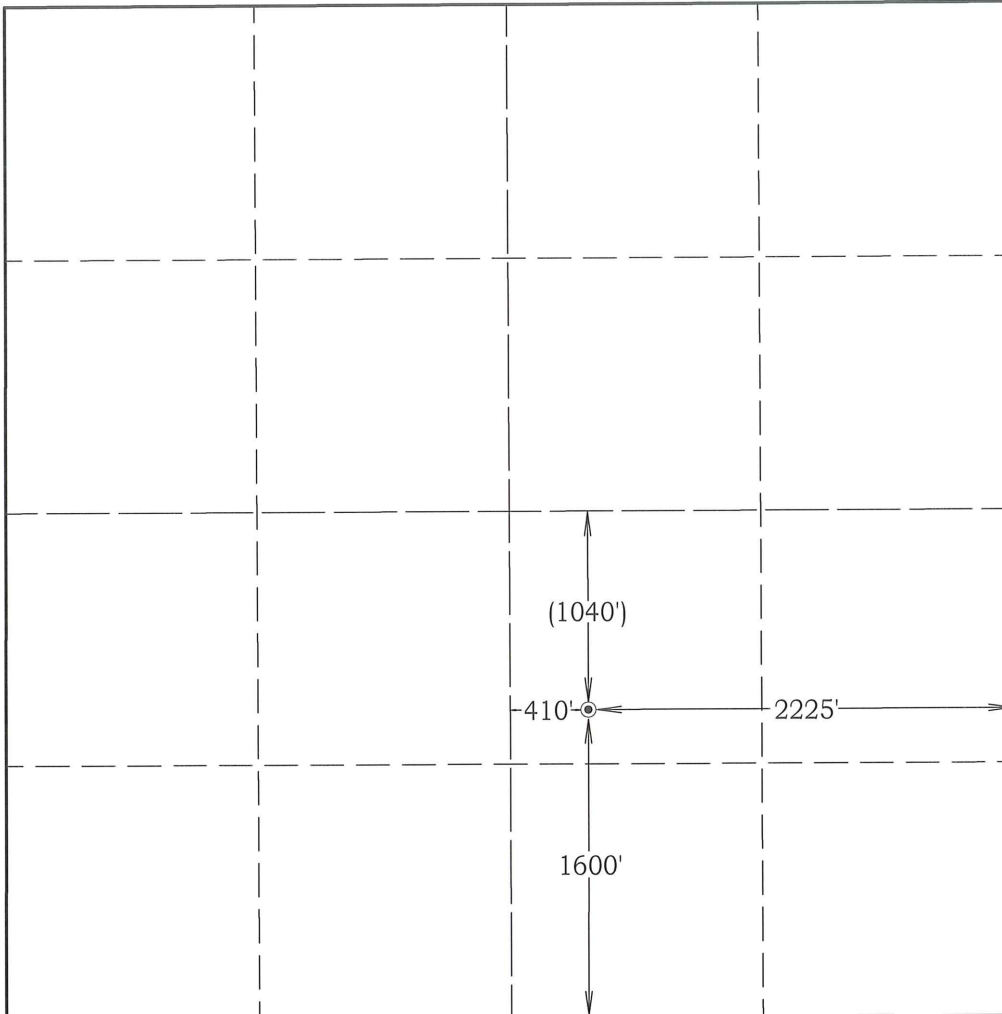
Well Location Plat
M & M Land Surveying, Inc.
520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999

API 053-23461

Company Name: Heritage Exploration Lease Name: Kent #1-7
Section 7 Township 25 North Range 7 West County Grant Oklahoma

Primary Location 1600' FSL - 410' FWL of SE/4 Elevation 1104' Good Location? Yes
Alternate # 1 _____
Alternate # 2 _____

Topography
Location fell in Crop _____
Field. _____



Scale: 1" = 1000'
Job # 18104
Date 3/06/18

NAD 83
OKLAHOMA NORTH
Surface Location
Latitude: 36.655998°
Longitude: 97.991239°
N= 602,827'
E= 1,971,070'

Best Accessibility to Location
From the South

Distance & Direction From From the Jct. of S.H. 132 South and U.S. 64, Go 1 mile South on S.H. 132,
then 2 miles East on E0250 road to the Southeast Corner of Section 7.
Highway or Town _____

CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown.

D. Harry McClintick 3/22/18
D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

The distances shown in parenthesis () are calculated distances based on the quarter section being 2640' and have not been measured.

