

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

API NUMBER: 073 26023

Approval Date: 04/24/2018
Expiration Date: 10/24/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 16N Rge: 5W County: KINGFISHER
SPOT LOCATION: NW SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 390 1132

Lease Name: DALWHINNIE 1605 Well No: 6-31MH Well will be 390 feet from nearest unit or lease boundary.

Operator Name: OKLAHOMA ENERGY ACQUISITIONS LP Telephone: 2815300991 OTC/OCC Number: 23509 0

OKLAHOMA ENERGY ACQUISITIONS LP
15021 KATY FREEWAY STE 400
HOUSTON, TX 77094-1900

RONALD J. RICHARDSON
P.O. BOX 354
COFFEYVILLE KS 67337

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (EX CHESTER)	7431	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 658262 Location Exception Orders: 674454 Increased Density Orders: 676118

Pending CD Numbers:

Special Orders:

Total Depth: 12500 Ground Elevation: 1080 **Surface Casing: 500** Depth to base of Treatable Water-Bearing FM: 220

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: 4000 Average: 1800

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: SALT PLAINS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34293
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 31 Twp 16N Rge 5W County KINGFISHER

Spot Location of End Point: SW SE SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1920

Depth of Deviation: 6826

Radius of Turn: 477

Direction: 185

Total Length: 4925

Measured Total Depth: 12500

True Vertical Depth: 7431

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

Additional Surface Owner	Address	City, State, Zip
MARK W. RICHARDSON	11700 NORTH PRENTICE ROAD	NEWKIRK, OK 74647

Notes:

Category	Description
DEEP SURFACE CASING	4/11/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	4/11/2018 - G71 - 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
INCREASED DENSITY - 676118	4/23/2018 - G75 - 31-16N-5W X658262 MSNLC 3 WELLS OKLAHOMA ENERGY ACQUISITIONS, LP 4-11-2018
LOCATION EXCEPTION - 674454	4/23/2018 - G75 - (I.O.) 31-16N-5W X658262 MSNLC COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 1794' FEL ** OKLAHOMA ENERGY ACQUISITIONS, LP 3-8-2018 ** ITD HAS LATERAL DRILLED IN OPPOSITE DIRECTION; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
SPACING - 658262	4/23/2018 - G75 - (640)(HOR) 31-16N-5W VAC OTHER EXT 652682 MSNLC, OTHERS POE TO BHL NLT 660' FB (COEXIST SP. ORDER # 59564/61637 MSSLM)

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073 26023 DALWHINNIE 1605 6-31MH

