

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

API NUMBER: 093 25046 B

Approval Date: 12/13/2016
Expiration Date: 06/13/2017

Straight Hole Oil & Gas

Amend reason: ADD MISSISSIPPI LIME

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 20N Rge: 15W County: MAJOR
SPOT LOCATION: E2 W2 W2 NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1320 2300

Lease Name: RAMONA Well No: 1-13 Well will be 1320 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

GEORGE AND MARTHA WALTERS
19611 PINEY PLACE CT
HOUSTON TX 77094

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

	Name	Depth	Name	Depth
1	OSWEGO	7411	6	
2	RED FORK	7759	7	
3	MISS (CHESTER)	7988	8	
4	MISS'AN LM	8871	9	
5	HUNTON	9692	10	

Spacing Orders: 138499
653145
141045

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201700616

Special Orders:

Total Depth: 10250

Ground Elevation: 1785

Surface Casing: 1300

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE
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 located in a Hydrologically Sensitive Area.

Category of Pit: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31908

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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
DEEP SURFACE CASING	2/15/2017 - G71 - 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	2/15/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
INTERMEDIATE CASING	2/15/2017 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
PENDING CD - 201700616	2/16/2017 - G60 - (E.O.) 13-20N-15W X141045 MPLM 1 WELL KIRKPATRICK OIL AND GAS, LLC. REC. 2/17/17 (LEAVITT)
SPACING - 138499	12/13/2016 - G60 - (640) 13-20N-15W EST RDFK, MSSSD, (VAC BY 653145) HNTN, OTHERS EXT OSWG, MSCTR, OTHERS
SPACING - 141045	2/16/2017 - G60 - (640) 13-20N-15W EXT 125423 MPLM EXT OTHER NA
SPACING - 653145	12/13/2016 - G60 - (640) 13-20N-15W VAC 138499 MSSSD

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