

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

API NUMBER: 139 24608

Approval Date: 02/06/2014

Expiration Date: 08/06/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 5N Rge: 15ECM County: TEXAS

SPOT LOCATION: SE NW SE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 1700 1900

Lease Name: WILSON E Well No: 17 Well will be 1700 feet from nearest unit or lease boundary.

Operator Name: OXY USA INC

Telephone: 7132157000; 6206294

OTC/OCC Number: 9012 0

OXY USA INC
PO Box 27757
HOUSTON, TX 77227-7757

FISCHER & FISCHER % FRED FISCHER
HC 3, BOX 66
HOOKER OK 73945

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

	Name	Depth	Name	Depth
1	MORROW SAND UP	6000	6	
2	MORROW SAND LOW	6510	7	
3	ST GENEVIEVE	6755	8	
4	ST LOUIS	6865	9	
5			10	

Spacing Orders: 36361
48447

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 7115

Ground Elevation: 3128

Surface Casing: 1800

Depth to base of Treatable Water-Bearing FM: 630

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: OFF SITE

Type of Mud System: WATER BASED

Chlorides Max: 25000 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 BED AQUIFER

Pit Location Formation: OGALLALA

Sec. 23 Twn. 5N Rng. 15E Cnty. 139

SW SE SE NW

Off Site Pit No. 13918671

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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	2/6/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
FRAC FOCUS	2/5/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING	2/6/2014 - G30 - ST GENEVIEVE AND ST LOUIS UNSPACED, 160 ACRE LEASE (NW4)
SPACING - 36361	2/6/2014 - G30 - (640) 23-5N-15ECM EST MWSDU
SPACING - 48447	2/6/2014 - G30 - (640) 23-5N-15ECM EXT MWSDL

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