

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

API NUMBER: 083 24274

Approval Date: 03/13/2014

Expiration Date: 09/13/2014

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 17N Rge: 2W

County: LOGAN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 990 1650

Lease Name: SHIPMAN

Well No: 1-10

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: O'BRIEN OIL CORPORATION

Telephone: 4052826500

OTC/OCC Number: 22501 0

O'BRIEN OIL CORPORATION
201 W OKLAHOMA AVE STE 233
GUTHRIE, OK 73044-3154

SHIPMAN LIVING TRUST
3727 W COLLEGE
GUTHRIE OK 73044

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

	Name	Depth		Name	Depth
1	LAYTON	4080	6	MISSISSIPPI LIME	5250
2	OSWEGO	5000	7	MISENER-HUNTON	5380
3	SKINNER	5150	8	VIOLA	5500
4	RED FORK	5170	9	WILCOX	5700
5	BARTLESVILLE	5220	10		

Spacing Orders: 190148

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5900

Ground Elevation: 982

Surface Casing: 280

Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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.

083 24274 SHIPMAN 1-10

Category	Description
FRAC FOCUS	3/7/2014 - 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 - 190148	3/13/2014 - G30 - (80) NE4 10-17N-2W SU NW/SE EXT 54903/167241 OSWG, MSSLM EXT 77847/175493 SKNR EXT 124850/167241 BRVL EXT 134357/172087 LYTN, RDFK, MSRH, VIOL, WLCX