

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

API NUMBER: 045 23434

Approval Date: 02/10/2014
Expiration Date: 08/10/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 21N Rge: 26W County: ELLIS
SPOT LOCATION: N2 N2 S2 SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1200 1320

Lease Name: BETTY JEAN Well No: 2H-14 Well will be 1200 feet from nearest unit or lease boundary.
Operator Name: STRAT LAND EXPLORATION COMPANY Telephone: 9185843844 OTC/OCC Number: 13952 0

STRAT LAND EXPLORATION COMPANY
15 E 5TH ST STE 2020
TULSA, OK 74103-4318

JAMES & SHARON SHEARER REV. TRUST
P.O. BOX 472
PARIS AR 72855

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

Name	Depth	Name	Depth
1 CLEVELAND	7525	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 163806

Location Exception Orders: 621165

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11107

Ground Elevation: 2221

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 490

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: 50000 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:

A. Evaporation/dewater and backfilling of reserve pit.

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

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 14 Twp 21N Rge 26W County ELLIS

Spot Location of End Point: S2 N2 N2 NE

Feet From: NORTH 1/4 Section Line: 350

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 7044

Radius of Turn: 573

Direction: 360

Total Length: 3163

Measured Total Depth: 11107

True Vertical Depth: 7617

End Point Location from Lease,
Unit, or Property Line: 350

Additional Surface Owner	Address	City, State, Zip
BETTY JEAN SWINDELL, TRUSTEE	3622 S. YORKTOWN AVE.	TULSA, OK 74105

Notes:

Category

Description

DEEP SURFACE CASING

2/7/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

LOCATION EXCEPTION - 621165

2/7/2014 - G75 - (I.O.) 14-21N-26W
X163806 CLVD
FIRST PERF NCT 660 TO SL, NCT 660 TO EL
LAST PERF NCT 350 TO NL, NCT 660 TO EL
NO OP. NAMED
2-3-2014

SPACING - 163806

2/7/2014 - G75 - (640) 14-21N-26W
EXT OTHERS
EXT 131155 CLVD, OTHER
EST OTHERS