

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

API NUMBER: 045 23515

Approval Date: 09/08/2014

Expiration Date: 03/08/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 21N Rge: 26W

County: ELLIS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 800 1700

Lease Name: BETTY JEAN

Well No: 3H-14

Well will be 800 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	7630	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 163806

Location Exception Orders: 630094

Increased Density Orders:

Pending CD Numbers: 201404562

Special Orders:

Total Depth: 11200

Ground Elevation: 2220

**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: 25000

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. 20-MIL PIT LINER REQUIRED

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: SW NW NE NW

Feet From: NORTH 1/4 Section Line: 400

Feet From: WEST 1/4 Section Line: 1600

Depth of Deviation: 7072

Radius of Turn: 558

Direction: 355

Total Length: 3251

Measured Total Depth: 11200

True Vertical Depth: 7630

End Point Location from Lease,

Unit, or Property Line: 400

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

## Notes:

### Category

### Description

DEEP SURFACE CASING

7/30/2014 - 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 - 630094

9/8/2014 - G75 - (I.O.) 14-21N-26W  
X163806 CLVD  
COMPL. INT. NCT 660 TO SL, NCT 350 TO NL, NCT 660 TO WL  
STRAT LAND EXPLOR. CO.  
9-4-2014

PENDING CD - 201404562

9/8/2014 - G75 - 14-21N-26W  
X163806 CLVD  
1 WELL  
NO OP. NAMED  
REC 7-29-2014 (MCKEOWN)

SPACING - 163806

9/8/2014 - G75 - (640) 14-21N-26W  
EXT OTHERS  
EXT 131155 CLVD, OTHER  
EST OTHERS

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045 23515 BETTY JEAN 3H-14