

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

API NUMBER: 129 23946

Approval Date: 04/28/2014
Expiration Date: 10/28/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 12N Rge: 24W County: ROGER MILLS
SPOT LOCATION: S2 S2 SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 180 660

Lease Name: TWO MOONS Well No: 1H-7 Well will be 180 feet from nearest unit or lease boundary.
Operator Name: ENERVEST OPERATING LLC Telephone: 7134956530 OTC/OCC Number: 19848 0

ENERVEST OPERATING LLC
1001 FANNIN ST STE 800
HOUSTON, TX 77002-6708

LARRY AND RADONNA SMITH
17934 EAST 1010 ROAD
CHEYENNE OK 73628

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

Name	Depth	Name	Depth
1 MARMATON GRANITE WASH	12636	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 18311 Ground Elevation: 2389 **Surface Casing: 970** Depth to base of Treatable Water-Bearing FM: 860

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: Yes Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 65000 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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26717
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 07 Twp 12N Rge 24W County ROGER MILLS

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 245

Feet From: EAST 1/4 Section Line: 710

Depth of Deviation: 12730

Radius of Turn: 520

Direction: 1

Total Length: 4729

Measured Total Depth: 18311

True Vertical Depth: 13252

End Point Location from Lease,
Unit, or Property Line: 245

Notes:

Category

Description

PENDING CD - 201402253

4/25/2014 - G72 - 7-12N-24W X 209428 MRMGW;
SHL NCT 180 FSL NCT 660 FEL;
POE NCT 0 FSL NCT 660 FEL;
SHALLOW PERF NCT 330 FSL NCT 660 FEL;
DEEP PERF NCT 330 FNL NCT 660 FEL;
BHL NCT 0 FNL NET 660 FEL;
NO OP NAMED;
REC 4/21/2014 (DECKER)

SPACING - 209428

4/25/2014 - G72 - (640) 7-12N-24W EXT 162785 MRMGW, OTHERS;
EXT OTHERS;