API NUMBER: 129 24046

Oil & Gas

Horizontal Hole

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

Approval Date: 03/03/2015 09/03/2015 Expiration Date:

PERMIT TO DRILL

WELL LOCATION:	Sec:	21	Twp:	14N	Rge:	23V	/ Co	unty:	ROGE	ER MILLS		
SPOT LOCATION:	NW	NE	NE		NW		FEET FROM QUARTE	ER: F	ROM	NORTH	FROM	WEST
							SECTION LINES:			200		2050

Well will be 200 feet from nearest unit or lease boundary.

**ENERVEST OPERATING LLC** Operator OTC/OCC Number: Telephone: 7134956530; 7134956 19848 0 Name:

Well No: 7H

**ENERVEST OPERATING LLC** 1001 FANNIN STREET STE 800

Lease Name: BAILEY 16-14-23

HOUSTON. 77002-6708 TX

MABEL ELLEN BAILEY, TRUSTEE

18751 HWY. 33

STRONG CITY OK 73628-

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

Name Depth Name Depth	.11
1 MARMATON 11100 6	
2 7	
3	
4 9	
5 10	
Spacing Orders: 138918 Location Exception Orders: Increased Density Orders:	

Pending CD Numbers: 201500555 Special Orders:

201500782

Total Depth: 15757 Ground Elevation: 2061 Surface Casing: 500 Depth to base of Treatable Water-Bearing FM: 420

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

Approved Method for disposal of Drilling Fluids: PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED Chlorides Max: 265000 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?

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CLOUD CHIEF

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 15-29522

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

## **HORIZONTAL HOLE 1**

Sec 16 Twp 14N Rge 23W County ROGER MILLS

Spot Location of End Point: NW NE NE NW
Feet From: NORTH 1/4 Section Line: 245
Feet From: WEST 1/4 Section Line: 2285

Depth of Deviation: 10730 Radius of Turn: 370

Direction: 6

Total Length: 4446

Measured Total Depth: 15757

True Vertical Depth: 11144

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

Notes:

Category Description

PENDING CD - 201500555 3/2/2015 - G76 - (E.O.) 16-14N-23W

X138918 MRMN

COMPL. INT. NCT 330 FSL, NCT 330 FNL, NCT 1320 FWL

ENERVEST OP., L.L.C. REC. 3/2/2015 (MCKEOWN)

PENDING CD - 201500782 3/2/2015 - G76 - (E.O.) 16-14N-23W

X138918 MRMN 3 WELLS ENERVEST OP., L.L.C. REC. 2/24/2015 (JOHNSON)

SPACING - 138918 3/2/2015 - G76 - (640) 16-14N-23W

XOTHERS X109018 MRMN EST OTHERS

API-129-24046

EXHIBIT PROPOSED NEW WELL LOCATION PLAT BAILEY 16-14-23 WELL NO. \_ 7H ENERVEST OPERATING, LLC \_\_\_\_ LEASE \_\_\_ COMPANY LOCATION 200' FNL 2050' FWL SECTION 21 TOWNSHIP 14-N 23-WIM \_\_ RANGE \_\_\_ **PASTURE** ROGER MILLS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION \_ COUNTY 2/2/15 LATITUDE 35-40'54.45" LONGITUDE -99'39'07.40" NAD27 ELEVATION 2061 NGVD29 DATE STAKED APPROXIMATELY 3.0 MILES NORTHWEST OF STRONG CITY, OKLAHOMA DIRECTION FROM NEAREST TOWN \_ SEC 10 SEC 9 SEC 8 SEC 9 5/8" I.R. FND. X = 1,510,024 Y = 257,827CO. RD. "EW91" X = 1,512,660Y = 257,776X = 1.507.389 Y = 257.8772635.9' S 89'52'36" E 5/8" I.R. FND. S 89'52'13" 1" IRON ROD FND. 245 2285 330' **SEC 15** SEC' 16 **SEC 17** -BOTTOM HOLE LOCATION 2285 ARTHUR 今 -làst take point BOTTOM HOLE LOCATION BOTTOM HOLE LOCATION 1 245' FNL & 2285' FWL OF SECTION 16 UTM 14 X = 1,447,080 UTM 14 Y = 12,960,106 X = 1,509,671 Y = 257,589 35'41'46.29" SCOTT #2-16 2636. OKLA, COORDINATE SYSTEM NAD-27 OKLAHOMA NORTH ZONE U.S. FEET ARTHUR SCOTT #1-16 ≥ 99'39'04.80" 35.6961917\* -99.6513333\* ART SCOTT #1 ģ တ် LAST TAKE POINT LAST TAKE POINT
330' FNL & 2285' FWL
OF SECTION 16
UTM 14 X = 1,447,079
UTM 14 Y = 12,960,021
X = 1,509,670
Y = 257,504
35'41'45.44" 'n 8 471 SCOTT #1-16 z 88 "NS1 92222 -99'39'04.80" 35.6959556' F. SCOTT #1-16 ð 1/2" I.R. FND. X = 1,507,357 Y = 255,241 -99.6513333\* ۵ RO PENETRATION POINT & FIRST TAKE POINT ဗွ DISTANCE WELL NAME 330' FSL & 2285' FWL OF SECTION 16 TO HORIZ UF SECTION 16 UTM 14 X = 1,447,071 UTM 14 Y = 12,955,394 X = 1,509,614 Y = 252,876 35'40'59.67" ARTHUR SCOTT #1-16 1995 H 0014 1657 BAILEY #1-16 ΑZ 2635.1 F. SCOTT #1-16 650 SCOTT #1-16 1728 GRID 950 -99'39'04.52" 35.6832417 OCIE #1-16 Ó 35.6832417 OCIE #1-16 ARTHUR SCOTT #2-16 305 WELL LEGEND ART SCOTT #1 965 O PERMITTED SURFACE LOCATION لوعي ₹ C- DRY HOLE -200' FNL & 2050' FWL-S OF SECTION 21 UTM 14 X = 1,446,830 UTM 14 Y = 12,954,868 X = 1,509,368 Y = 252,352 OIL 00'16'25" BAILEY #1-16 XX GAS CAS OIL/GAS PLUGGED OIL 35'40'54.45" 数 PLUGGED GAS -99'39'07.40" 35.6817917' 35.6817917 -99.6520556 2285 PLUGGED OIL/GAS -PENETRATION POINT & FIRST TAKE POINT **SEC 17 SEC 16 SEC 15** GRID AZ = 25.166389' - 579' 330 1/2" I.R. FND. N 89"29'00" W 2634.3 1/2" I.R. FND. X = 1,507,325 Y = 252,605 200'< § N 89°29'59" 2635.1 X = 1,512,593 Y = 252,469W 1/2" I.R. FND. X = 1,509,958 Y = 252,5372050 **SEC 21** SEC 22 **SEC 21** SURFACE LOCATION **SEC 20** Scale 1" = 1000' With Skot ESSIONAL 500 This plat is intended for Oldahoma Corporation Commission Permit purposes only and is NOT to be refled upon as a boundary survey and is NOT to be used to convey or establish real property interests. THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY MYSELF OR OTHERS UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. Bearings and dimensions shown are based on Geodetic **CURT** Azimuth and Ground distance. All X,Y coordinates are based on NAD27, Oklahoma North Zone, U.S. Feet. **McPHERSON** X,Y Coordinates were derived from CPS RIK methods and are only accurate within  $\pm/-10$  feet. 2/3/15 DATED: SIGNED: (AL 1513 FIELD: KB,SL,GPS APEX OF LAHOMA SURVEYING & MAPPING, INC. DRAWN: AJV 1001 FANNIN STREET SUITE 800 HOUSTON, TEXAS 77002 TEXAS \* OKLAHOMA \* KANSAS DATE: 2/3/15 8330 CANYON DRIVE 105 HACKBERRY TRAIL AMARILLO, TEXAS 79119 806-353-7231 MLS CANADIAN, TEXAS 79014 806-323-9773 CHECKED: 215-023-1.1 ENERVEST JOB NO. REVISION: Certificate of Authorization No. 3415, Exp. June 30, 2016