

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

API NUMBER: 129 24046

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 14N Rge: 23W County: ROGER MILLS
SPOT LOCATION: NW NE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 200 2050

Lease Name: BAILEY 16-14-23 Well No: 7H Well will be 200 feet from nearest unit or lease boundary.

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

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

MABEL ELLEN BAILEY, TRUSTEE
18751 HWY. 33
STRONG CITY OK 73628-

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

Name	Depth	Name	Depth
1 MARMATON	11100	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 138918

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201500555
201500782

Special Orders:

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

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? N

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 15-29522

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 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:

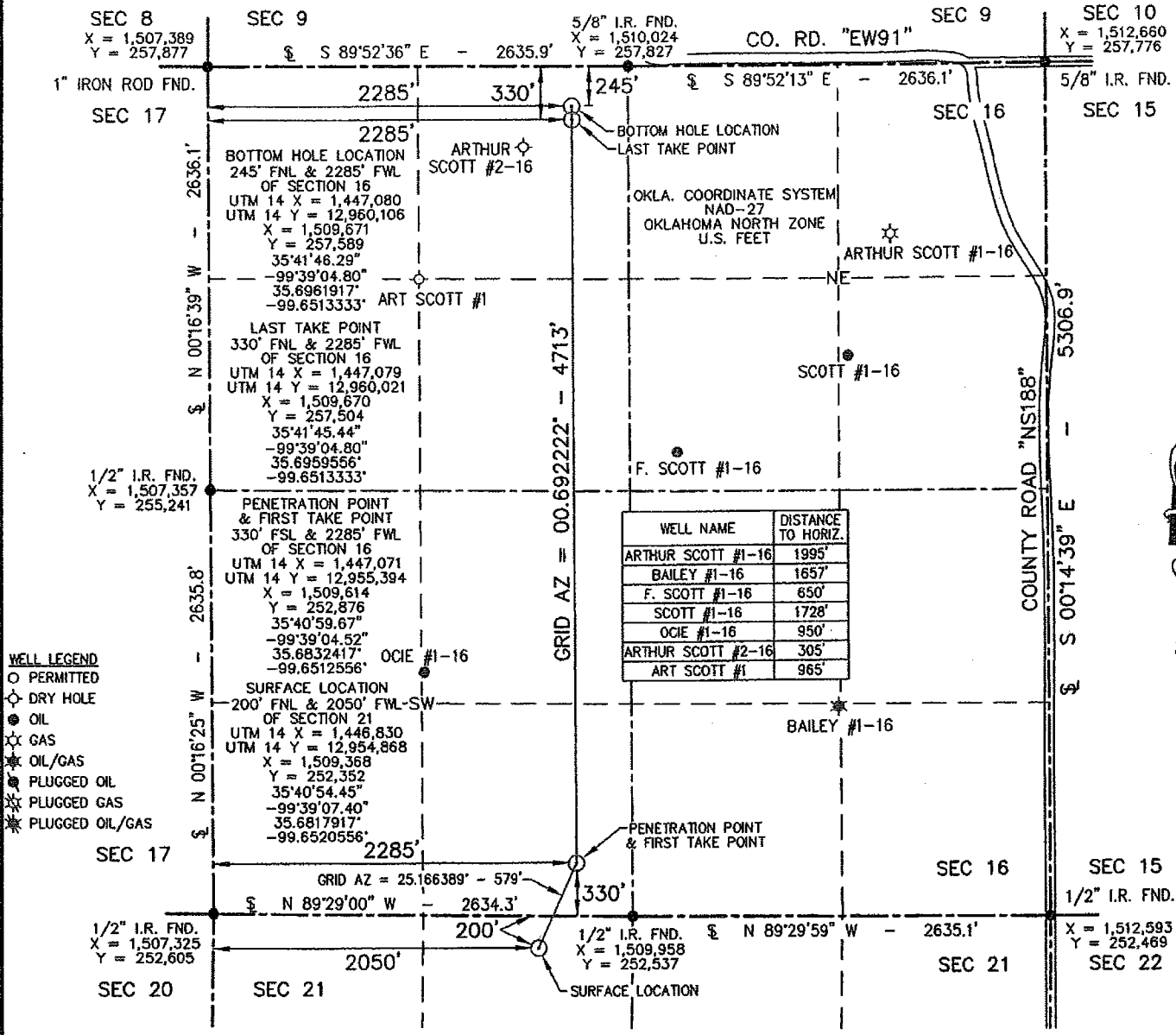
Category	Description
PENDING CD - 201500555	3/2/2015 - G76 - (E.O.) 16-14N-23W X138918 MRMN COMPL. INT. NCT 330 FSL, NCT 330 FNL, NCT 1320 FWL ENERVEST OP., L.L.C. REC. 3/2/2015 (MCKEOWN)
PENDING CD - 201500782	3/2/2015 - G76 - (E.O.) 16-14N-23W X138918 MRMN 3 WELLS ENERVEST OP., L.L.C. REC. 2/24/2015 (JOHNSON)
SPACING - 138918	3/2/2015 - G76 - (640) 16-14N-23W XOTHERS X109018 MRMN EST OTHERS

APT-129-24046

PROPOSED NEW WELL LOCATION PLAT

EXHIBIT "A"

COMPANY ENERVEST OPERATING, LLC LEASE BAILEY 16-14-23 WELL NO. 7H
 SECTION 21 TOWNSHIP 14-N RANGE 23-WIM LOCATION 200' FNL 2050' FWL
 COUNTY ROGER MILLS STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE
 LATITUDE 35°40'54.45" LONGITUDE -99°39'07.40" NAD27 ELEVATION 2061' NGVD29 DATE STAKED 2/2/15
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 3.0 MILES NORTHWEST OF STRONG CITY, OKLAHOMA



- NOTE:**
- This plat is intended for Oklahoma Corporation Commission Permit purposes only and is NOT to be relied upon as a boundary survey and is NOT to be used to convey or establish real property interests.
 - Bearings and dimensions shown are based on Geodetic Azimuth and Ground distance. All X,Y coordinates are based on NAD27, Oklahoma North Zone, U.S. Feet.
 - X,Y Coordinates were derived from GPS RTK methods and are only accurate within +/- 10 feet.

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.

SIGNED: *[Signature]* DATED: 2/3/15



APEX
 SURVEYING & MAPPING, INC.
 TEXAS * OKLAHOMA * KANSAS
 8330 CANYON DRIVE AMARILLO, TEXAS 79119 806-353-7231
 105 HACKBERRY TRAIL CANADIAN, TEXAS 79014 806-323-9773
 Certificate of Authorization No. 3415, Exp. June 30, 2016

ENERVEST
 1001 FANNIN STREET SUITE 800 HOUSTON, TEXAS 77002

FIELD:	KB,SL,GPS
DRAWN:	AJV
DATE:	2/3/15
CHECKED:	MLS
REVISION:	

JOB NO. 215-023-1.1