

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

API NUMBER: 009 21971

Approval Date: 04/01/2015
Expiration Date: 10/01/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 10N Rge: 23W County: BECKHAM
SPOT LOCATION: NE NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 260 880

Lease Name: DOVELL Well No: 1-8HC Well will be 260 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

AMOS & ALLIE IRENA DOVELL
12130 NORTH 1820 ROAD
SAYRE OK 73662-

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

Name	Depth	Name	Depth
1 MISSOURI	11701	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 83283

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201501563
201501562

Special Orders:

Total Depth: 16144

Ground Elevation: 1978

Surface Casing: 700

Depth to base of Treatable Water-Bearing FM: 620

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: 165000 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 OTHER HSA

Pit Location Formation: DOXEY

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 15-29494
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 08 Twp 10N Rge 23W County BECKHAM

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 245

Feet From: EAST 1/4 Section Line: 880

Depth of Deviation: 11168

Radius of Turn: 533

Direction: 180

Total Length: 4239

Measured Total Depth: 16144

True Vertical Depth: 11701

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

Notes:

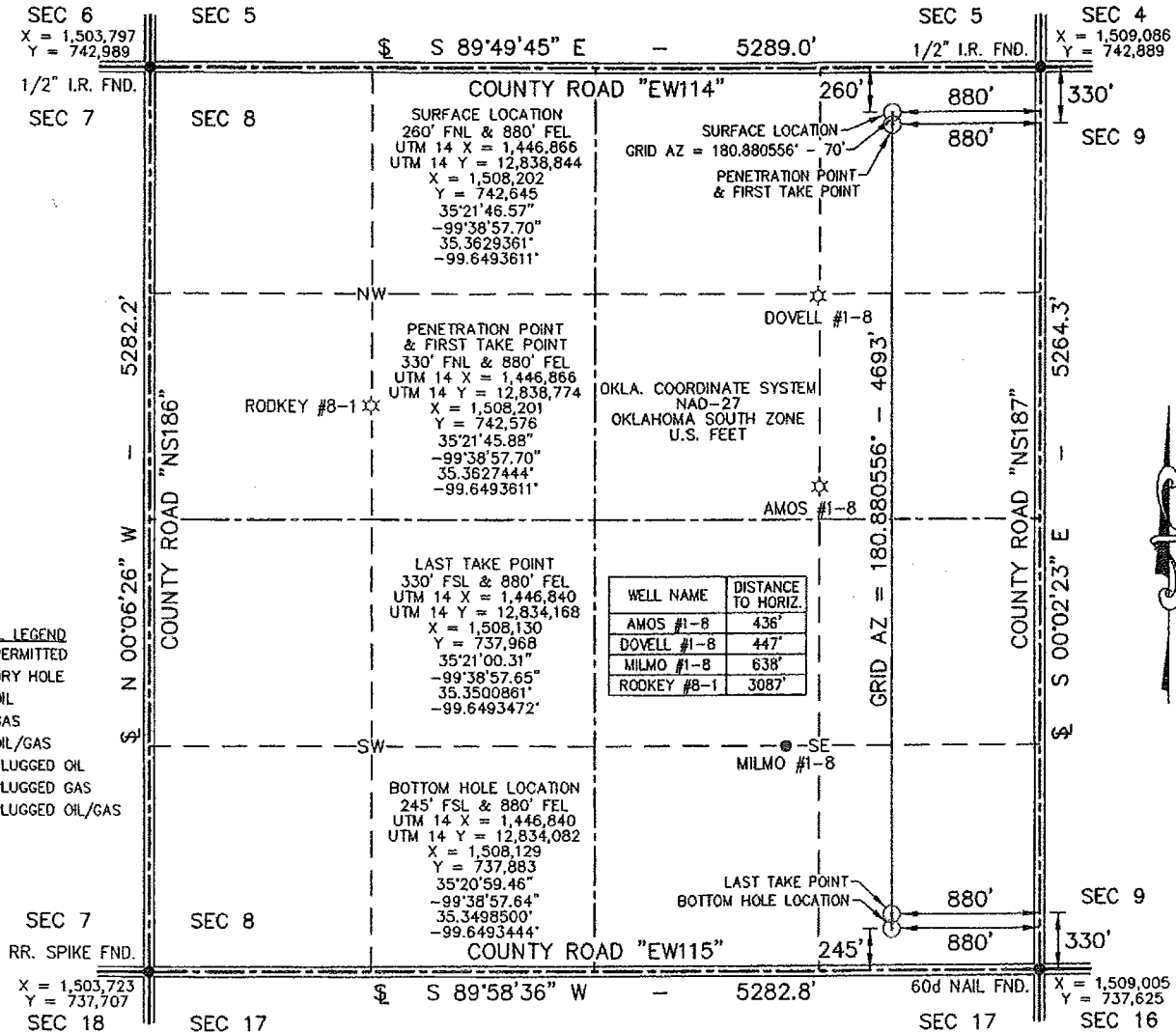
Category	Description
PENDING CD - 201501562	4/1/2015 - G76 - (E.O.) 8-10N-23W X83283 MSSR 1 WELL ENERVEST OP., L.L.C. REC. 3/31/2015 (JOHNSON)
PENDING CD - 201501563	4/1/2015 - G76 - (E.O.) 8-10N-23W X83283 MSSR SHL 260 FNL, 880 FEL COMPL. INT. NCT 330 FNL, NCT 330 FSL, NCT 660 FEL ENERVEST OP., L.L.C. REC. 3/31/2015 (JOHNSON)
SPACING - 83283	4/1/2015 - G76 - (640) 8-10N-23W EXT OTHERS EST MSSR

API-009-21971

PROPOSED NEW WELL LOCATION PLAT

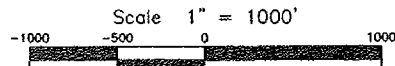
EXHIBIT "A"

COMPANY ENERVEST OPERATING, LLC LEASE DOVELL WELL NO. 1-8HC
 SECTION 8 TOWNSHIP 10-N RANGE 23-W LOCATION 260' FNL 880' FEL
 COUNTY BECKHAM STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE
 LATITUDE 35°21'46.57" LONGITUDE -99°38'57.70" NAD27 ELEVATION 1978' NGVD29 DATE STAKED 1/15/15
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 4.0 MILES NORTH OF SAYRE, OKLAHOMA



- WELL LEGEND**
- PERMITTED
 - ⊙ DRY HOLE
 - OIL
 - ☆ GAS
 - ⊛ OIL/GAS
 - ⊞ PLUGGED OIL
 - ⊛ PLUGGED GAS
 - ⊞ PLUGGED OIL/GAS

WELL NAME	DISTANCE TO HORIZ.
AMOS #1-8	436'
DOVELL #1-8	447'
MILMO #1-8	638'
ROOKEY #8-1	3087'



- 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 South 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: _____ DATED: 1/20/15



APEX
 SURVEYING & MAPPING, INC.
 TEXAS • OKLAHOMA • KANSAS
 8330 CANYON DRIVE AMARILLO, TEXAS 79119 806-353-7251
 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:	1/20/15
CHECKED:	MLS
REVISION:	

JOB NO. 215-017-1