

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

API NUMBER: 129 24013

Approval Date: 10/10/2014

Expiration Date: 04/10/2015

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 13N Rge: 25W

County: ROGER MILLS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 220 2350

Lease Name: DAVIS

Well No: 1-32HB

Well will be 220 feet from nearest unit or lease boundary.

Operator Name: ENERVEST OPERATING LLC

Telephone: 7134956530

OTC/OCC Number: 19848 0

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

EVELYN F. PORTER
10070 N. 1740 ROAD
REYDON OK 73660

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

Name	Depth	Name	Depth
1	CHEROKEE	13040	6
2			7
3			8
4			9
5			10

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406931

Special Orders:

Total Depth: 17729

Ground Elevation: 2410

Surface Casing: 950

Depth to base of Treatable Water-Bearing FM: 800

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: 8000 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: 14-28598
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 32 Twp 13N Rge 25W County ROGER MILLS

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 245

Feet From: EAST 1/4 Section Line: 2619

Depth of Deviation: 13209

Radius of Turn: 91

Direction: 360

Total Length: 4704

Measured Total Depth: 17729

True Vertical Depth: 13199

End Point Location from Lease,

Unit, or Property Line: 245

Notes:

Category

Description

PENDING CD - 201406931

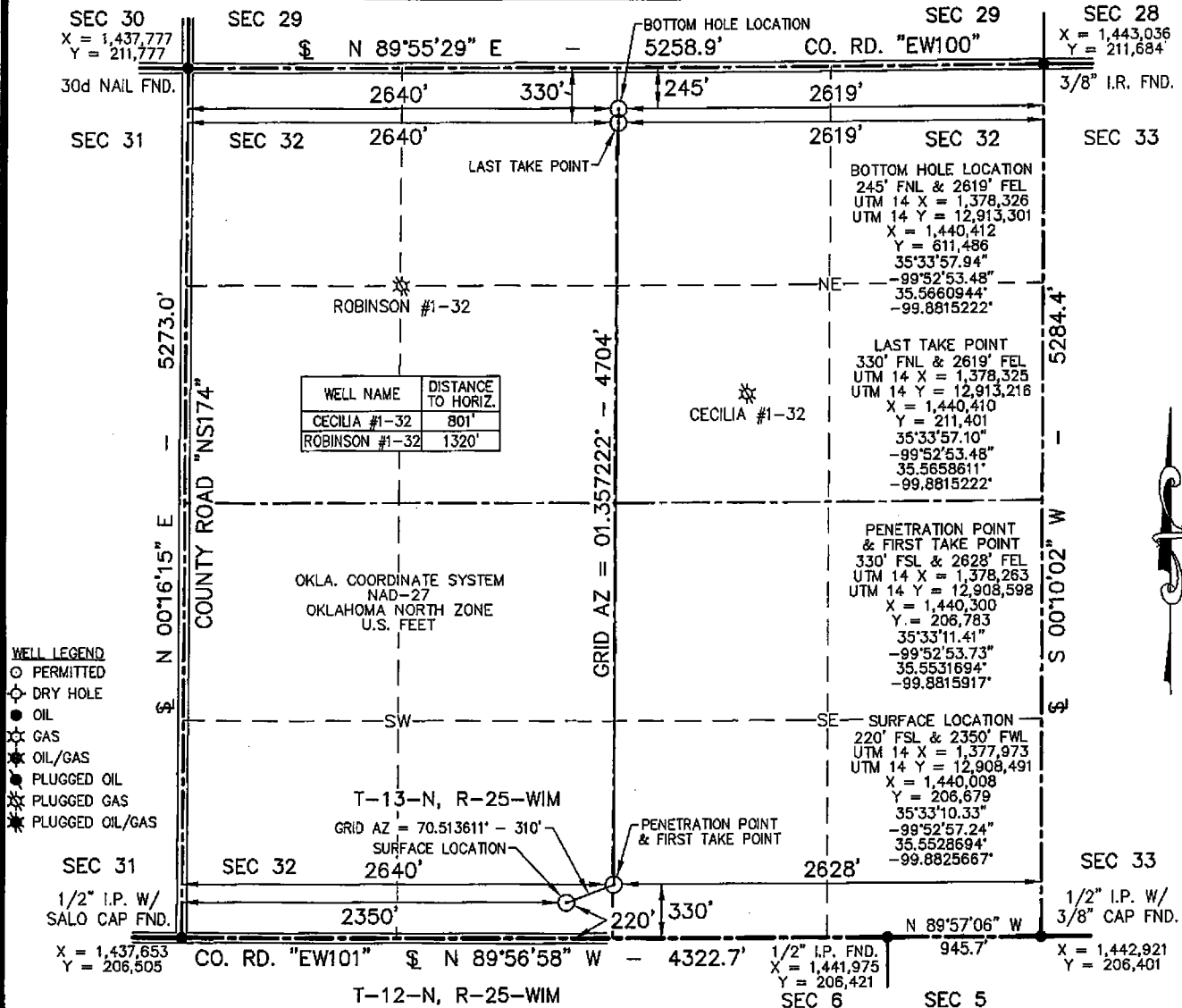
10/9/2014 - G72 - 32-13N-25W (I.O.)
X 110840 CHKR,
**SHL NCT 150 FSL NCT 2640 FWL,
1ST PERF NCT 330 FSL NCT 2640 FWL;
LAST PERF NCT 330 FNL NCT 2640 FWL;
BHL NCT 245 FNL NCT 2640 FWL;
NO OPER NAMED;
REC 10/6/2014 (LEAVITT)
**SHL TO BE AMENDED AT THE FINAL HEARING PER OPERATOR.

SPACING - 110840

10/9/2014 - G72 - (640) 32-13N-25W
EST CHRK, OTHERS

EXHIBIT "A"

COMPANY	ENERVEST OPERATING, LLC		LEASE	DAMS		WELL NO.	1-32HB	
SECTION	32	TOWNSHIP	13-N	RANGE	25-W1M	LOCATION	220' FSL	2350' FWL
COUNTY	ROGER MILLS		STATE	OKLAHOMA		TOPOGRAPHY AND VEGETATION WINTER WHEAT		
LATITUDE	35°33'10.33"		LONGITUDE	-99°52'57.24"		NAD27	ELEVATION	2410' NGVD29
DATE STAKED						9/25/14		
DIRECTION FROM NEAREST TOWN			APPROXIMATELY 7.0 MILES SOUTHEAST OF REYDON, OKLAHOMA					



NOTE:

1. 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.
2. 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.
3. 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: 9/29/14



APEX
SURVEYING & MAPPING, INC.
TEXAS * OKLAHOMA * KANSAS
RIVE 105 HACKBERRY TRAIL
79119 CANADIAN, TEXAS 79014
806-323-9773



1001 FANNIN STREET
SUITE 800
HOUSTON, TEXAS 77002

ENERVEST

FIELD:	KB,BJ,GPS
DRAWN:	AJV
DATE:	9/29/14
CHECKED:	MLS
REVISION:	



JOB NO.	214-807-1
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