

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

API NUMBER: 009 21932

Approval Date: 05/15/2014
Expiration Date: 11/15/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 11N Rge: 26W County: BECKHAM
SPOT LOCATION: E2 NE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 330 2440

Lease Name: MCENTIRE 27 Well No: 3HB Well will be 330 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

EUGENE MCENTIRE AND PAMELA A. MCENTIRE
10595 N. 1750 RD
SWEETWATER OK 73666

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

Name	Depth	Name	Depth
1 GRANITE WASH UP (MO)	11223	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201403310

Special Orders:

Total Depth: 18100 Ground Elevation: 2103 **Surface Casing: 400** Depth to base of Treatable Water-Bearing FM: 90

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

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: 6000

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: 14-27005
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 27 Twp 11N Rge 26W County BECKHAM

Spot Location of End Point: S2 S2 S2 S2

Feet From: SOUTH 1/4 Section Line: 245

Feet From: WEST 1/4 Section Line: 2640

Depth of Deviation: 13278

Radius of Turn: 521

Direction: 181

Total Length: 4714

Measured Total Depth: 18100

True Vertical Depth: 13570

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

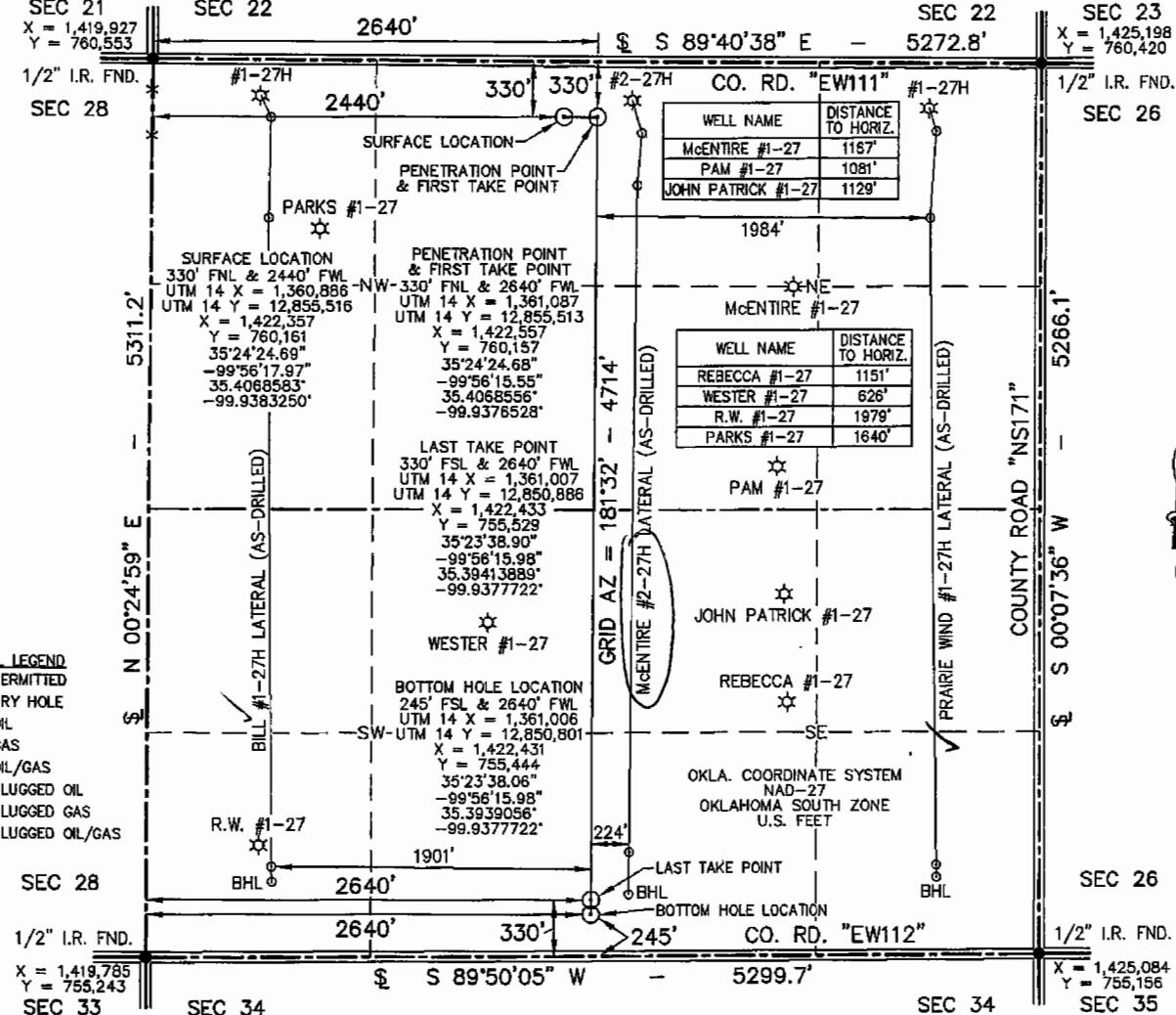
Notes:

Category	Description
DEEP SURFACE CASING	5/1/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
PENDING CD - 201403310	5/12/2014 - G72 - 27-11N-26W (E.O.) X 157235 MSGWU SHL 330 FNL 2440 FWL; POE NCT 330' FNL NCT 2640 FWL; 1ST PERF NCT 330' FNL NCT 2640 FWL; LST PERF NCT 330 FSL NCT 2640 FWL; BHL NCT 245 FSL NCT 2640 FWL; NO OPER NAMED; REC 5/13/2014 (OSBURN)
SPACING - 157235	5/2/2014 - G72 - (640) 27-11N-26W EXT 147147 MSGWU, OTHERS; EXT OTHERS;

API 00921932

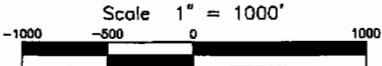
PROPOSED NEW WELL LOCATION PLAT

COMPANY ENERVEST OPERATING, LLC LEASE McENTIRE 27 WELL NO. 3HB
 SECTION 27 TOWNSHIP 11-N RANGE 26-WIM LOCATION 330' FNL 2440' FWL
 COUNTY BECKHAM STATE OKLAHOMA TOPOGRAPHY AND VEGETATION WINTER WHEAT
 LATITUDE 35°24'24.69" LONGITUDE -99°56'17.97" NAD27 ELEVATION 2103' NGVD29 DATE STAKED 4/8/14
 DIRECTION FROM NEAREST TOWN APPROXIMATELY 2.0 MILES SOUTHWEST OF SWEETWATER, OKLAHOMA



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

- 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 South Zone, U.S. Feet.
 3. X,Y Coordinates were derived from GPS RTK methods and are only accurate within +/- 10 feet.
 4. As-drilled data shown on this plat was provided by client and /or third party. Information was not nor has not been field verified by Surveyor.



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: 4/15/14



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, 2014

ENERVEST
 1001 FANNIN STREET SUITE 800 HOUSTON, TEXAS 77002

FIELD:	KB,GPS
DRAWN:	AJV
DATE:	4/15/14
CHECKED:	MLS
REVISION:	
JOB NO.	214-350-1