API NUMBER: 009 21959 Α **OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION** P.O. BOX 52000 **OKLAHOMA CITY, OK 73152-2000** (Rule 165:10-3-1)

Approval Date: 10/09/2014 04/09/2015 Expiration Date:

19848 0

Well will be 250 feet from nearest unit or lease boundary.

OTC/OCC Number:

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION, WELL NAME, SURFACE OWNERS, GROUND ELEVATION & BOTTOM-HOLE LOCATION: UPDATE ORDERS

## AMEND PERMIT TO DRILL

CATION; UPDATE O	RDERS						
WELL LOCATION:	Sec: 02 Twp: 10N	Rge: 23W	/ County	: BEC	KHAM		
SPOT LOCATION:	NW NE NW	NW	FEET FROM QUARTER:	FROM	NORTH	FROM	WEST
			SECTION LINES:		250		910
Lease Name: 0	WEN HUMES		We	II No:	1-35HA		
Operator Name:	ENERVEST OPERATING	LLC			Telephor	ne:	7134956530

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

HOUSTON. TX 77002-6708 VOYNE ALFRED & EARNESTINE P. HESTER 433 NORTH PLEASANT AVENUE **GALESBURG** 61401

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

	Name	Depth	Name	Depth
1	DES MOINES	12861	6	
2			7	
3			8	
4			9	
5			10	
Spacing Orders:	195334 198112	Location Exception Orders:		Increased Density Orders: 632415
Pending CD Nur	mbers: 201406178	_		Special Orders:

Surface Casing: 500

Fresh Water Supply Well Drilled: Yes

Approved Method for disposal of Drilling Fluids: PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Ground Elevation: 1966

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 is located in a Hydrologically Sensitive Area.

Category of Pit: C

Total Depth: 17438

Under Federal Jurisdiction: No

Liner not required for Category: C Pit Location is OTHER HSA Pit Location Formation: DOXEY

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-28292

Depth to base of Treatable Water-Bearing FM: 420

Surface Water used to Drill: No

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

## **HORIZONTAL HOLE 1**

Sec 35 Twp 11N Rge 23W County BECKHAM

Spot Location of End Point: NW NE NW NW
Feet From: NORTH 1/4 Section Line: 245
Feet From: WEST 1/4 Section Line: 710

Depth of Deviation: 11784
Radius of Turn: 573
Direction: 357
Total Length: 4754

Measured Total Depth: 17438

True Vertical Depth: 13009

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

Additional Surface Owner Address City, State, Zip

GWENDOLYN LOIS HUMES 1265 WEST NORTH STREET GALESBURG, IL 61401

Notes:

Category Description

INCREASED DENSITY -632415 11/6/2014 - G75 - 35-11N-23W

X195334/198112 DSMN

1 WELL

**ENERVEST OP., LLC** 

10-30-2014

PENDING CD - 201406178 11/6/2014 - G75 - (I.O.) 35-11N-23W

X195334/198112 DSMN,

SHL NCT 260 FNL, NCT 395 FWL \*\*

FIRST PERF NCT 330 FNL, NCT 395 FWL ++ LAST PERF NCT 330 FSL, NCT 395 FWL ++ BHL NCT 245 FSL, NCT 395 FWL ++

NO OP. NAMED

REC 9/29/2014 (NORRIS)

\*\* ITD HAS SHL AS 250 FNL, 910 FWL 2-10N-23W; TO BE CORRECTED AT HEARING FOR FINAL

ORDER LOCATION EXCEPTION PER ATTORNEY FOR OPERATOR

++ ITD HAS LATERAL DRILLED IN OPPOSITE DIRECTION; TO BE TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER ATTORNEY FOR OPERATOR

SPACING - 195334 10/9/2014 - G72 - (640) 35-11N-23W

EXT 77459 DSMN, OTHERS

EXT OTHERS

SPACING - 198112 10/9/2014 - G72 - (640) 35-11N-23W

EXT 77459 DSMN, OTHERS

**EXT OTHERS** 

API 009-21959 A

PROPOSED NEW WELL LOCATION PLAT EXHIB	BIT "A"
COMPANY ENERVEST OPERATING, LLC LEASE GWEN HUMES WELL NO. 1-35HA	<u> </u>
SECTION 2 TOWNSHIP 10-N RANGE 23-WIM LOCATION 250' FNL 910' FV	
COUNTY BECKHAM STATE OKLAHOMA TOPOGRAPHY AND VEGETATION PASTURE	
LATITUDE <u>35°22'38.87"</u> LONGITUDE <u>-99°36'28.69"</u> NAD27 ELEVATION <u>1966'</u> NGVD29 DATE STAKED <u>10/30/</u>	<u>′14</u>
DIRECTION FROM NEAREST TOWN APPROXIMATELY 6.0 MILES NORTHEAST OF SAYRE, OKLAHOMA SEC 27 SEC 26 SEC 26 SEC	2 05
X = 1,519,823 Y = 753,240 APEX CAP FND. \$ N 89'48'34" E - 5299.6' SEC 26 X = 1.519,823 APEX CAP FND. \$ N 89'48'34" E - 5299.6'	25 525,122 53,173
330' 710' 245' COUNTY ROAD "FW112"	IAIL FND.
##-35H	36
SEC 34 710' BOTTOM HOLE LOCATION 245' FNL & 710' FWL OF SECTION 35 UTM 14 X = 1,459,086 UTM 14 Y = 12,849,300	, 50
35:23'30.79"	
BARBARA SUE #3-35	
OF SECTION 35	
	,
Q 11 Q	
□ Ω FENETRATION POINT POINT PENETRATION POINT	
& FIRST TAKE POINT 330' FSL & 710' FWL MICHAEL #2-35 \ Z   00 PSECTION 35	
	$\Phi$
Z BARBARA SUE #3-35 2078' 35'22'44.60"	
O PERMITTED 35.3790556*	4
OIL SURFACE LOCATION	
文 GAS 250' FNL & 910' FWL	
PLUGGED OIL  UTM 14 X = 1,459,236    UTM 14 Y = 12,844,051    Y = 1,520,527	
₩ PLUGGED OIL/GAS  PENE INATION POINT  Y = 747,734  & FIRST TAKE POINT  35'22'38.87"	
SEC 34 T-11-N, R-23+WIM -99'36'28.69" SEC 35 SEC 35	36
60d NAIL FND. 330' COUNTY ROAD "EW113" BHL 60d NAIL	L FND.
$X = 1,519,721 \ Y = 747,998 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	7,914
910' T-10-N, R-23-WIM SEC 2 SEC SEC 3 SEC 2 SURFACE LOCATION	1
NOTE: Scale 1" = 1000'	
1. This plot is intended for Oklohoma Corporation -1000 -500 0 1000  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. THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD 2. Bearings and dimensions shown are based on Geodetic NOTES OF ACTUAL SURVEYS MADE BY MYSELF OR OTHERS UNDER MY	
2. Bearings and dimensions shown are based on Geodetic NOTES OF ACTUAL SURVEYS MADE BY MYSELF OB OTHERS UNDER MY Azimuth and Ground distance. All XY coordinates are based on NAD27, Oklahoma South Zone, U.S. Feet.  3. X,Y Coordinates were derived from GPS RTK methods  CURT	
and are only accurate within +/- 10 feet.  A. As-drilled data shown on this plot was provided by client and /or third party, Information was not nor such that the plot was provided by client and /or third party, Information was not nor such that the plot was provided by	N S
has not been field verified by Surveyor.  APE  FIELD: KB,BJ,GPS  1513	
SURVEYING & MAPPING, INC. DRAWN: AJV	··
8330 CANYON DRIVE 105 HACKBERRY TRAIL AMARILLO, TEXAS 79119 CANADIAN, TEXAS 79014  SUITE 800 HOUSTON, TEXAS 77002  CHECKED: AH S	MIMIL
806-353-7231 806-323-9773 Certificate of Authorization No. 3415, Exp. June 30, 2016 ENERVEST REVISION: JOB NO. 214-63	5-1.2