API NUMBER: 149 21719

Under Federal Jurisdiction: No

Type of Mud System: WATER BASED

Chlorides Max: 265000 Average: 5000

Liner not required for Category: C
Pit Location is BED AQUIFER
Pit Location Formation: ELK CITY

Within 1 mile of municipal water well? N

Type of Pit System: CLOSED Closed System Means Steel Pits

Is depth to top of ground water greater than 10ft below base of pit? Y

is located in a Hydrologically Sensitive Area.

PIT 1 INFORMATION

Wellhead Protection Area?

Category of Pit: C

Oil & Gas

Horizontal Hole

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

Approval Date: 03/05/2015
Expiration Date: 09/05/2015

Surface Water used to Drill: No

PERMIT NO: 15-29694

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 10N SPOT LOCATION: NW NW NW Lease Name: GRAY	Rge: 18W County: WAS NE FEET FROM QUARTER: FROM SECTION LINES: Well No:	NORTH FROM EAST 300 2315	T Well will be	300 feet from nearest unit or lease boundary.
Operator ENERVEST OPERATING Name:		Telephone: 7134956		300 feet from nearest unit or lease boundary. OTC/OCC Number: 19848 0
ENERVEST OPERATING LLC 1001 FANNIN STREET STE 800 HOUSTON,) TX 77002-6708	I	GEORGE D. GRAY RE P.O. BOX 429 GEORGE D. GRAY, TF BURNS FLAT	EVOCABLE LIVING TRUST RUSTEE OK 73624
Formation(s) (Permit Valid for Lis	sted Formations Only):		Name	Depth
1 GRANITE WASH 2 3 4 5	12454	6 7 8 9 10		
Spacing Orders: 173229 Pending CD Numbers: 201500154 201500156	Location Exception	Orders:		ereased Density Orders: ecial Orders:
Total Depth: 17156 Ground Ele	vation: 1855 Surface	Casing: 1500	Depth to	b base of Treatable Water-Bearing FM: 730

Fresh Water Supply Well Drilled: Yes

Approved Method for disposal of Drilling Fluids:

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

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 30 Twp 10N Rge 18W County WASHITA

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: 11525
Radius of Turn: 600
Direction: 185
Total Length: 4688

Measured Total Depth: 17156

True Vertical Depth: 12641

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

Notes:

Category Description

DEEP SURFACE CASING 3/4/2015 - 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 - 201500154 3/5/2015 - G76 - (E.O.) 30-10N-18W

X173229 GRWS

COMPL. INT. NCT 330 FNL, NCT 330 FSL, NCT 1320 FEL

ENERVEST OP., L.L.C. REC 3/2/2015 (MCKEOWN)

PENDING CD - 201500156 3/5/2015 - G76 - (E.O.) 30-10N-18W

X173229 GRWS

1 WELL

ENERVEST OP., L.L.C. REC. 3/2/2015 (MCKEOWN)

SPACING - 173229 3/5/2015 - G76 - (640) 30-10N-18W

EST OTHERS EXT 15486 GRWS

API 149-21719

	PROPOSED NEW WELL LOCATION PLAT	EXHIBIT "	A"				
COMPANY	ENERVEST OPERATING, LLC LEASE GRAY WELL NO.	1-30HB					
	O TOWNSHIP 10-N RANGE 18-WIM LOCATION 300' FNL		900				
	VASHITA STATE OKLAHOMA TOPOGRAPHY AND VEGETATION WINTER WHEAT						
	19'09.79" LONGITUDE <u>-99'08'32.36"</u> NAD27 ELEVATION <u>1855'</u> NGVD29 DATE STAKED						
DIRECTION FROM NEAREST TOWN APPROXIMATELY 2.5 MILES SOUTHEAST OF BURNS FLAT, OKLAHOMA							
SEC 24 X = 1,656,225 Y = 725,054	SEC 19 1/2" I.R. FND. SEC 19 § N 89'38'46" W - 2653.7' X = 1,658,879 Y = 725,010	SEC 20 X = 1,661,519 Y = 724,966					
1/2" I.R. FND.	COUNTY ROAD "EW117" 330' 300'	5d NAIL FND.	ana ana ana				
SEC 25	2640' 2315' SEC 30	SEC 29					
I, R-19-WIM	PENETRATION POINT & FIRST TAKE POINT SURFACE LOCATION	01" E - 2621.0'	eriogos e willerii. Receptiblish to risanni				
بون	LYNCH #1-30 1327' UTM 14 X = 1,597,634 UTM 14 X = 1,658,681 UTM 14 Y = 12,822,366 UTM 14 Y	\$ S 00.00,01					
1/2" I.R. FND. X = 1,656,194 Y = 722,413	Q	1/2" LR. FND. X = 1,661,489 Y = 722,344					
6 GNASSA O G	OKLA. COORDINATE SYSTEM NAD-27 LAST TAKE POINT OF 330' FSL & 2640' FM.	*E - 2620.4'					
O DRY HOLE O OIL O GAS O OIL/GAS O OIL/GAS O OIL/GAS PLUGGED OIL PLUGGED OIL/GAS PLUGGED OIL/GAS SEC 25	LAST TAKE POINT 155.50" 2640' BOTTOM HOLE LOCATION 55.3064278' -9908'36.50" -9908'36.50" -9908'37.304' -9908'37.304' -9908'37.3064278' -991.434722'	EF,00.00 s SEC 29					
5/8" I.R. <u>FNO.</u>	2640' 330' 245' COUNTY ROAD "EWI18"	MAG. SPK. FND.	٠				
X = 1,656,161 Y = 719,769 SEC 36	\$ S 89'53'08" W - 5301.7' SEC 31 Scale 1" = 1000'	X = 1,661,461 Y = 719,723 SEC 32					
Scale 1" = 1000 NOTE: 1. This plot is intended for Oklohomo Corporation Commission Permit purposes only and is NOT to be used to convey or establish read properly interests. 2. Bearings and dimensions shown are based on Geodetic Azimuth and Ground distance. All XY coordinates are based on NAD27, Oklohoma North Zone, U.S. Feet. 3. XY Coordinates were derived from GPS RTK methods and are only accurate within +/- 10 feet. Scale 1" = 1000 -500 0 1000 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 THAP THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SIGNED: DATED: 1/12/15 SIGNED: 51000 CURT MCPHERSON SIGNED: 511000 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 THAP THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SIGNED: 511000 SIGNED: 511000 SIGNED: 511000 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 THAP THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SIGNED: 511000 SIGNED: 51100							
2. Beorings and dimensions shown are based on Geodetic Azimuth and Ground distance. All XY coordinates are based on NAD27, Oktohoma North Zone, U.S. Feet. 3. XY Coordinates were derived from GPS RTK methods and are only accurate within +/- 10 feet. A P E X FIELD: KB,SF,GPS To MIT NOVICEOUS METHOD SECTION OF SECTIO							
SURVEYING & MAPPING, INC. 1001 FANNIN STREET DRAWN: AJV							
8330 CANYON DRIVE AMARILLO, TEXAS 79119	105 HACKBERRY TRAIL CANADIAN, TEXAS 79014 HOUSTON, TEXAS 7/002 CHECKED: MLS	William III					
806-353-7231 Certificate of Authorization	806-323-9773 No. 3415, Exp. June 30, 2016 ENERVEST REVISION: REMOVE 1-19HB JOB NO.	215-010-1					