API NUMBER: 117 23642

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: 03/16/2015
Expiration Date: 09/16/2015

23402 0

Well will be 215 feet from nearest unit or lease boundary.

OTC/OCC Number:

PERMIT TO DRILL

											<u></u>
WELL LOCATION	: Sec:	26	Twp:	20N	Rge:	8E	County	: PAW	/NEE		
SPOT LOCATION	: SE	SE	SE	<b>:</b>	SW		FEET FROM QUARTER:	FROM	SOUTH	FROM	WEST
							SECTION LINES:		215		2500
Lease Name:	MOUNTA	AIN LIC	ON				W	ell No:	3-35H		
Operator U S ENERGY DEVELOPMENT CORP Name:					PORATION		Telepl	hone:	7166360401		

RANDY BAILEY & LEANN BAILEY 369999 OLD TERLTON ROAD

TERLTON OK 74081

U S ENERGY DEVELOPMENT CORPORATION 2350 N FOREST RD

GETZVILLE, NY 14068-1296

Formation(s)	(Permit Valid for Listed Formation	ons Only):					
Name		Depth	Name	Depth Depth			
1 M	ISSISSIPPI	2725	6				
2			7				
3			8				
4			9				
5			10				
Spacing Orders: 624029		Location Exception Ord	ders:	Increased Density Orders:			
Pending CD Numbe	rs: 201500240			Special Orders:			
	201500904						
Total Depth: 7850 Ground Elevation: 803		Surface Ca	sing: 560	Depth to base of Treatable Water-Bearing FM: 460			
Under Federal Ju	urisdiction: No	Fresh Water Su	pply Well Drilled: No	Surface Water used to Drill: Yes			

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Supply Well Drilled

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: VAMOOSA

is located in a Hydrologically Sensitive Area.

## **HORIZONTAL HOLE 1**

Sec 35 Twp 20N Rge 8E County PAWNEE

Spot Location of End Point: SE SE SW SW
Feet From: SOUTH 1/4 Section Line: 200
Feet From: WEST 1/4 Section Line: 1000

Depth of Deviation: 2230
Radius of Turn: 600
Direction: 190
Total Length: 4677

Measured Total Depth: 7850

True Vertical Depth: 2830

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category Description

PENDING CD - 201500240 3/3/2015 - G76 - 35-20N-8E

X624029 MISS 2 WELLS

NO OP. NAMED

REC. 2/9/2015 (P. PORTER)

PENDING CD - 201500904 3/16/2015 - G76 - (I.O.) 35-20N-8E

X624029 MISS

SHL NCT 200 FSL, NCT 2000 FWL 26-20N-8E 1ST PERF NCT 200 FNL, NCT 660 FWL LAST PERF NCT 200 FSL, NCT 660 FWL BHL NCT 200 FSL, NCT 660 FWL

U.S. ENERGY DEV. CORP. REC. 3/13/2015 (NORRIS)

SPACING - 624029 3/3/2015 - G76 - (640/40) 35-20N-8E

VAC OTHERS (40) EXT OTHERS

(640) EXT 621427 MISS, OTHER

SURFACE LOCATION 3/6/2015 - G76 - 215' FSL, 2500' FWL PER OPERATOR

HPI-117-23642

## **Well Location Plat**

S.H.L. Sec. 26-20N-8E I.M. B.H.L. Sec. 35-20N-8E I.M.

Lease Name and No.: MOUNTAIN LION #3-35H

Footage: 215' FSL - 2500' FWL GR. ELEVATION: 803' Good Site? YES

Range: 8E Section: 26 Township: 20N LM

County: Pawnee State of Oklahoma

Alternate Loc.: N/A

from a Government Survey Plat or assumed at a proportionate distance from opposing sectior have been measured on-the-ground, and further, does not represent a frue boundary survey.

y be assumed fr f, and may not h

Quarter Section distant corners, or occupation

Terrain at Loc. : Location fell in hilly, rocky, wooded area. ± 185' North of E-W fence.

Accessibility: From the South.

Directions: From the junction of State Highway 48 and State Highway 51 in Mannford, OK, go 3.5 miles North on HWY 48 to "EW 58 Rd.", go 1.3 miles West on "EW 58 Rd."

to 700ft South of Southwest Corner of Section 26-20N-8E.



GPS DATUM NAD - 27 OK NORTH ZONE

Surface Hole Loc.: Lat: 36°10'27.58"N Lon: 96°25'10.98"W X: 2466401 Y: 431261

Bottom Hole Loc .: Lat: 36°09'48.33"N Lon: 96°25'29.19"W X: 2464973

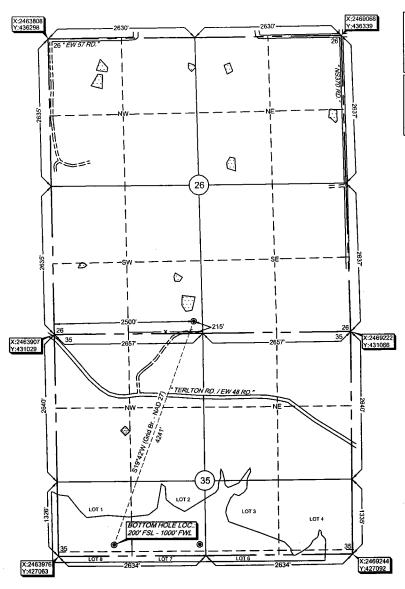
Y: 427268

Please note that this location was staked on the ground und the supervision of a Licensed Professional Land Surveyor, I the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined.

GPS data is observed from RTK - GPS.

ground under

NOTE: X and Y data shown hereon for the Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.



survey and plat by, Arkoma Surveying and Mapping, PLLC P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030 Certificate of Authorization No. 5348.

B RAPPISB

Expires June 30, 2016

Invoice #5312-D Date Staked: 02/17/15 By: C.K.
Date Drawn: 02/18/15 By: T.S.
Rev. SHL & BHL: 03/05/15 By: By : J.H. Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Diannen 03/05/15 STAN DRANNON OK LPLS 1672

