WELL LOCATION: Sec: 13 Twp: 14N Rge: 4E SPOT LOCATION: NW NW NE FEET FROM OU SECTION LINES Lease Name: MORPHEUS Operator EQUAL ENERGY US INC Name:	County: LINCOL ARTER: FROM <b>N</b> : 15	ORTH FROM 55 -13Н	DRILL EAST 2410 4052426000; 4052426	Well will be 15	5 feet from nearest C/OCC Number:	unit or lease boundary. 22671 0	
SPOT LOCATION: NW NW NE FEET FROM OUL SECTION LINES	ARTER: FROM N	ORTH FROM 55 -13Н	2410			-	
SPOT LOCATION: NW NW NE FEET FROM OU. SECTION LINES Lease Name: MORPHEUS Operator EQUAL ENERGY US INC	ARTER: FROM N	ORTH FROM 55 -13Н	2410			-	
Lease Name: MORPHEUS Operator EQUAL ENERGY US INC	" 1t	55 -13H	2410			-	
Operator EQUAL ENERGY US INC		-13H					
Operator EQUAL ENERGY US INC		Telephone:	4052426000; 4052426	OT			
EQUAL ENERGY US INC			CRUM LIVI	NG TRUST			
4801 GAILLARDIA PKWY STE 325			880119 S. 3420 ROAD				
OKLAHOMA CITY, OK 73142-19	73142-1920		CHANDLEF	र	OK 748	334	
2 3 4 5			7 8 9 10				
Spacing Orders: 516277 Loc	ation Exception Or	ders:		Increas	sed Density Orders:		
Pending CD Numbers: 201405421				Specia	l Orders:		
Total Depth: 9150 Ground Elevation: 941	Surface Ca	asing: 600		Depth to ba	se of Treatable Water-B	earing FM: 210	
Under Federal Jurisdiction: No	Fresh Water Supply Well D		led: No		Surface Water use	Surface Water used to Drill: Yes	
PIT 1 INFORMATION		A	Approved Method for dis	posal of Drilling Flu	iids:		
Type of Pit System: CLOSED Closed System Means Steel Pits							
Type of Mud System: WATER BASED			D. One time land applic			PERMIT NO: 14-2766	
Chlorides Max: 3000 Average: 1200 Is depth to top of ground water greater than 10ft below base of pit? Y		_	II. OLUGED SYSTEM=	SIEEL PHS PER	OPERATOR REQUEST		
Within 1 mile of municipal water well? N							
Wellhead Protection Area? N							
Pit <b>is</b> located in a Hydrologically Sensitive Area.							
Category of Pit: C							
Liner not required for Category: C							
Pit Location is BED AQUIFER							

## HORIZONTAL HOLE 1

Sec 13 Rge 4E LINCOLN Twp 14N County Spot Location of End Point: С SW SW 1/4 Section Line: 660 Feet From: SOUTH Feet From: WEST 1/4 Section Line: 660 Depth of Deviation: 3850 Radius of Turn: 636 Direction: 235 Total Length: 3851 Measured Total Depth: 8700 True Vertical Depth: 4848 End Point Location from Lease. Unit, or Property Line: 660 **HORIZONTAL HOLE 2** Sec 13 Twp 14N LINCOLN Rge 4E County С SE Spot Location of End Point: SW Feet From: SOUTH 1/4 Section Line: 660 Feet From: FAST 1/4 Section Line: 1980 Depth of Deviation: 5000 Radius of Turn: 509 Direction: 170 Total Length: 3350 Measured Total Depth: 9150 True Vertical Depth: 4848 End Point Location from Lease, Unit, or Property Line: 660 Notes: Description Category DEEP SURFACE CASING 8/6/2014 - G76 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING PENDING CD - 201405421 8/11/2014 - G75 - (E.O.) 13-14N-4E X516277 HNTN SHL NCT 155 FNL, NCT 2410 FEL POE NCT 660 FNL, NCT 1320 FEL BHL LAT 1 NCT 660 FSL, NCT 660 FWL BHL LAT 2 NCT 660 FSL, NCT 1320 FEL EQUAL ENERGY US INC. REC 8-4-2014 (DECKER) SPACING - 516277 8/11/2014 - G75 - (640) 13-14N-4E VAC 481831/482648 HNTN VAC OTHER EXT 485542 HNTN