PI NUMBER: 045 23453 rizontal Hole Oil & Gas	OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000 (Rule 165:10-3-1)			N	Approval Date: Expiration Date:	03/27/2014 09/27/2014	
	<u>P</u>	ERMIT TO DI	RILL				
	Country FLUC						
WELL LOCATION: Sec: 24 Twp: 21N Rge: 24W	County: ELLIS						
	EET FROM QUARTER: FROM SO	OUTH FROM	EAST 825				
Lease Name: FAGALA 24-21-24	Well No: 1		623	Well will be	660 feet from near	est unit or lease boundary.	
Operator APACHE CORPORATION Name:		Telephone: 91	84914900; 9184914		OTC/OCC Number:	6778 0	
APACHE CORPORATION 6120 S YALE AVE STE 1500			GARY AND		OW, H/W		
TULSA, OK 74136-4224			RR 1 BOX 76				
			GAGE		OK 7	73843	
2 3 4 5		7 8 9 10)				
Spacing Orders: 622687	Location Exception Orders:			In	Increased Density Orders:		
Pending CD Numbers: 201400639					ecial Orders:		
· · · · · · · · · · · · · · · · · · ·				-,			
Total Depth: 11600 Ground Elevation: 2237	Surface Ca	ısing: 1900		Depth t	o base of Treatable Wate	er-Bearing FM: 390	
Under Federal Jurisdiction: No	Fresh Water Su	upply Well Drilled:	No		Surface Water	used to Drill: No	
PIT 1 INFORMATION		Apj	proved Method for di	sposal of Drillin	g Fluids:		
Type of Pit System: ON SITE		A.	Evaporation/dewate	r and backfilling	of reserve pit.		
Type of Mud System: WATER BASED			D. One time land application (R H. CONCRETE LINED PIT PER				
Chlorides Max: 8000 Average: 5000							
Is depth to top of ground water greater than 10ft below base Within 1 mile of municipal water well? N Wellhead Protection Area? N	of pit? Y						
Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area.							
Category of Pit: 1B							
Liner required for Category: 1B							
Pit Location is BED AQUIFER							

HORIZONTAL HOLE 1

Sec 24 Twp 21N Rge 24W County ELLIS Spot Location of End Point: NW NW NE NE 335 Feet From: NORTH 1/4 Section Line: Feet From: EAST 1/4 Section Line: 1200 Depth of Deviation: 6860 Radius of Turn: 573 Direction: 355 Total Length: 4304 Measured Total Depth: 11600 True Vertical Depth: 10499 End Point Location from Lease, Unit, or Property Line: 335

Notes: Category	Description
DEEP SURFACE CASING	3/27/2014 - G30 - 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 - 201400639	3/27/2014 - G30 - 24-21N-24W X622687 CGGV SHL NCT 5 FSL, NCT 5 FEL 1ST PERF NCT 330 FSL, NCT 600 FEL LAST PERF NCT 330 FNL, NCT 600 FEL NO OP. NAMED REC 3/6/14 (JOHNSON)
SPACING - 622687	3/27/2014 - G30 - (640 HOR) 24-21N-24W EST CGGV POE TO BHL NLT 660' FB (COEXIST WITH SP. 98320 CGGV)