PI NUMBER: 045 23421 izontal Hole Oil & Gas	OIL & GAS CO P.(OKLAHOMA	RPORATION COMMISSIO DNSERVATION DIVISION D. BOX 52000 A CITY, OK 73152-2000 Ile 165:10-3-1)	N Approval Date: Expiration Date:	12/30/2013 06/30/2014	
	PEI	RMIT TO DRILL			
WELL LOCATION: Sec: 14 Twp: 17N Rge:	24W County: ELLIS				
SPOT LOCATION: SW SW SE SW	FEET FROM QUARTER: FROM SOU	TH FROM WEST			
	SECTION LINES: 245	1468			
Lease Name: BERRYMAN	Well No: 23-3		Well will be 245 feet from near	est unit or lease boundary.	
Operator EOG RESOURCES INC Name:	Т	elephone: 4052463226; 7136517	OTC/OCC Number:	16231 0	
EOG RESOURCES INC 3817 NW EXPRESSWAY STE 500		THOMAS R	C. BERRYMAN		
	72112 1402	PO BOX 78	37		
OKLAHOMA CITY, OK	73112-1483	ASHLAND	KS	67831	
2 3 4 5		7 8 9 10			
Spacing Orders: 578772	Location Exception Order	rs:	Increased Density Orders:		
Pending CD Numbers: 201308362 201308363			Special Orders:		
Total Depth: 14852 Ground Elevation:	2308 Surface Casi	ing: 1500	Depth to base of Treatable Wat	er-Bearing FM: 540	
Under Federal Jurisdiction: No	Fresh Water Supp	bly Well Drilled: No	Surface Water	used to Drill: Yes	
PIT 1 INFORMATION		Approved Method for dis	sposal of Drilling Fluids:		
Type of Pit System: CLOSED Closed System Mean	ns Steel Pits				
Type of Mud System: WATER BASED Chlorides Max: 100000 Average: 5000		D. One time land applic H. SEE MEMO	D. One time land application (REQUIRES PERMIT) PERMIT NO: H. SEE MEMO		
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					
Pit is located in a Hydrologically Sensitive Area	1 .				
Category of Pit: C					
Liner not required for Category: C					
Pit Location is BED AQUIFER Pit Location Formation: OGALLALA					

 PIT 2 INFORMATION

 Type of Pit System:
 CLOSED Closed System Means Steel Pits

 Type of Mud System:
 OIL BASED

 Chlorides Max: 300000
 Average: 200000

 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

 Pit
 is located in a Hydrologically Sensitive Area.

 Category of Pit:
 C

 Liner not required for Category: C
 C

Pit Location is BED AQUIFER Pit Location Formation: OGALLALA

HORIZONTAL HOLE 1

Sec	23	Twp	17N	Rge	24W	County	ELLIS
Spot	Locatior	n of En	d Poin	t: Se	E SE	SW	SW
Feet	From:	SOL	JTH	1/4 Se	ction Lir	ne: 10	65
Feet	From:	WE:	ST	1/4 Se	ction Lir	ne: 1	100
Depth of Deviation: 9904							
Radius of Turn: 435							
Direction: 184							
Total Length: 4948							
Measured Total Depth: 14852							
True Vertical Depth: 9719							
End Point Location from Lease,							
Unit, or Property Line: 165							

Notes:	
Category	Description
DEEP SURFACE CASING	12/30/2013 - 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
MEMO	12/30/2013 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201308362	12/30/2013 - G30 - 23-17N-24W X578772 MRMN 1 WELL NO OP. NAMED REC 12/30/13 (P.PORTER, BY INITIALS)
PENDING CD - 201308363	12/30/2013 - G30 - 23-17N-24W X578772 MRMN 1ST PERF NCT 330 FNL, NCT 1468 FWL LAST PERF NCT 330 FSL, NCT 1100 FWL NO OP. NAMED REC 12/30/13 (P.PORTER, BY INITIALS)
SPACING - 578772	12/30/2013 - G30 - (640 HOR) 23-17N-24W EST MRMN POE TO BHL NCT 660' FB (COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS; SUPERCEDE NON- DEVELOPED NON-HORIZONTAL SPACING UNITS)