PI NUMBER: 039 22543 aight Hole Stratigraphic Test	OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000 (Rule 165:10-3-1)			Approval Date: Expiration Date:	06/22/2018 12/22/2018	
	PE	RMIT TO DRILL				
WELL LOCATION: Sec: 16 Twp: 15N Rge: 14W	County: CUSTER					
SPOT LOCATION: SW SW SW SW		UTH FROM WES	т			
	SECTION LINES: 270	259				
Lease Name: COWDEN FIU	Well No: 1-1	6-9XHM	Well	will be 259 feet from neare	est unit or lease boundary.	
Operator CONTINENTAL RESOURCES INC Name:		Telephone: 4052349	9020; 4052349	OTC/OCC Number:	3186 0	
CONTINENTAL RESOURCES INC PO BOX 269000			VAMOOSA LAN 8690 NORTH 2			
OKLAHOMA CITY, OK 73126-9000			THOMAS	OK 7	3669	
Name 1 MISSISSIPPIAN 2 3 4 5	Depth 12873	6 7 8 9 10	Name	Dept		
Spacing Orders: No Spacing	Location Exception Orde	ers:		Increased Density Orders:	Increased Density Orders:	
Pending CD Numbers:				Special Orders:		
Total Depth: 13000 Ground Elevation: 168	9 Surface Cas	sing: 1500		Depth to base of Treatable Wate	er-Bearing FM: 270	
Under Federal Jurisdiction: No	Fresh Water Supply Well Drilled: No			Surface Water used to Drill: No		
PIT 1 INFORMATION		Approved	Method for disposal	of Drilling Fluids:		
Type of Pit System: CLOSED Closed System Means St	eel Pits		·			
Type of Mud System: WATER BASED		D. One	time land application	(REQUIRES PERMIT)	PERMIT NO: 18-33904	
Chlorides Max: 8000 Average: 5000			H. SEE MEMO			
Is depth to top of ground water greater than 10ft below bas	e 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						
Pit Location is AP/TE DEPOSIT						

 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
 Pit Location is

 Pit Location is
 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Notes:	Description
Category	Description
DEEP SURFACE CASING	5/24/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
INTENT TO DRILL	6/22/2018 - G75 - THIS WELL HAS BEEN APPROVED AS A STRATIGRAPHIC TEST WITH THE INTENT TO SET SURFACE CASING ONLY. OPERATOR WILL FILE AN AMENDED FORM 1000 CHANGING THE TYPE OF DRILLING OPERATION AT A LATER DATE
INTERMEDIATE CASING	5/24/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER- PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
MEMO	5/24/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
SPACING	6/22/2018 - G75 - NA-STRATIGRAPHIC TEST
SURFACE CASING	5/24/2018 - G71 - MIN. 500' PER ORDER # 42589