PI NUMBER: 019 26129 light Hole Oil & Gas	OIL & GAS CO P. OKLAHOM	RPORATION COMMISSION DNSERVATION DIVISION O. BOX 52000 A CITY, OK 73152-2000 Jle 165:10-3-1)	Approval Date: 09/05/2014 Expiration Date: 03/05/2015	
	PE	RMIT TO DRILL		
NELL LOCATION: Sec: 19 Twp: 2S Rge: 3W	County: CARTER			
	EET FROM QUARTER: FROM SOU ECTION LINES: 148:			
Lease Name: A. N. HARLEY	Well No: 74	Well	will be 835 feet from nearest unit or lease boundary.	
Operator O'NEAL OIL & GAS CO Name:		Telephone: 8176258246	OTC/OCC Number: 1622 0	
O'NEAL OIL & GAS CO		WILLIAM HARL	EY. ET AL	
675 N HENDERSON ST		P.O. BOX 190		
FORT WORTH, TX 7	6107-1479	COMANCHE	OK 73529	
		COMANCILE	OK 75529	
Formation(s) (Permit Valid for Listed Forma Name 1 PERMIAN	Depth 300	Name 6	Depth	
Name1PERMIAN233455	Depth	6 7 8 9 10	Depth Increased Density Orders:	
Name 1 PERMIAN 2 3 4 5 Spacing Orders:	Depth 300	6 7 8 9 10		
Name 1 PERMIAN 2 3 3 4 5 5 Spacing Orders: No Spacing	Depth 300 Location Exception Orde	6 7 8 9 10	Increased Density Orders:	
Name 1 PERMIAN 2 3 3 4 5 5 Spacing Orders: No Spacing Pending CD Numbers:	Depth 300 Location Exception Orde Surface Cas	6 7 8 9 10 rrs:	Increased Density Orders: Special Orders: Depth to base of Treatable Water-Bearing FM: 70	
Name 1 PERMIAN 2 3 3 4 5 Spacing Orders: No Spacing Pending CD Numbers: Total Depth: 1200 Ground Elevation: 1060	Depth 300 Location Exception Orde Surface Cas th to the Ground Surfa	6 7 8 9 10 rrs:	Increased Density Orders: Special Orders: Depth to base of Treatable Water-Bearing FM: 70	
Name 1 PERMIAN 2 3 3 4 5 5 Spacing Orders: No Spacing Pending CD Numbers: Total Depth: 1200 Ground Elevation: 1060 Cement will be circulated from Total Depth	Depth 300 Location Exception Orde Surface Cas th to the Ground Surfa	6 7 8 9 10 rrs: ing: 0	Increased Density Orders: Special Orders: Depth to base of Treatable Water-Bearing FM: 70 String.	
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Notes:

Pit Location is BED AQUIFER Pit Location Formation: GARBER

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
ALTERNATE CASING	7/30/2014 - G71 - APPROVED WITH THE FOLLOWING CONDITIONS: 1) DRILLING FLUID WILL BE MUD PRIOR TO TOTAL DEPTH; AND, 2) COPY OF CBL NEEDS TO BE SUBMITTED TO OCC TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED PER OCC 165:10-3-4(D)(4)(C)
FRAC FOCUS	7/28/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING	9/5/2014 - G75 - FORMATION UNSPACED; 180-ACRE LEASE INCLUDING NW4