PI NUMBER: 149 21701 rizontal Hole Oil & Gas	OIL & GAS C P OKLAHON	ORPORATION COMMISSIO CONSERVATION DIVISION P.O. BOX 52000 MA CITY, OK 73152-2000 Rule 165:10-3-1)	Approval Date: 06/10/2014 Expiration Date: 12/10/2014
	<u>P</u> [ERMIT TO DRILL	
WELL LOCATION: Sec: 17 Twp: 11N Rge:	: 20W County: WASHIT	A	
SPOT LOCATION: SW SE SE SW		OUTH FROM WEST	
	SECTION LINES: 30	0 2115	
Lease Name: HANNAH ROY TRUST 17-11-20	Well No: 2H	н	Well will be 300 feet from nearest unit or lease boundary.
Operator CIMAREX ENERGY CO Name:		Telephone: 9185851100	OTC/OCC Number: 21194 0
CIMAREX ENERGY CO			ENN HANNAH FIELDS
202 S CHEYENNE AVE STE 1000			
TULSA, OK	74103-3001	712 HILTON	
		WALNUT C	REEK CA 94595
2 3 4 5		7 8 9 10	
Spacing Orders: 152744	Location Exception Or	ders:	Increased Density Orders:
Pending CD Numbers: 201403450 201403595			Special Orders:
Total Depth: 16133 Ground Elevation	n: 1996 Surface Ca	ising: 1500	Depth to base of Treatable Water-Bearing FM: 330
Under Federal Jurisdiction: No	Fresh Water Su	upply Well Drilled: No	Surface Water used to Drill: No
			a seal of Delline Electric
PIT 1 INFORMATION		Approved Method for dis	posal of Drilling Fluids:
	ans Steel Pits	Approved Method for dis	posal of Drilling Fluids:
PIT 1 INFORMATION	ans Steel Pits	D. One time land applic	ation (REQUIRES PERMIT) PERMIT NO: 14-2745
PIT 1 INFORMATION Type of Pit System: CLOSED Closed System Mea Type of Mud System: WATER BASED Chlorides Max: 100000 Average: 5000		D. One time land applic	· · · ·
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HORIZONTAL HOLE 1

Sec 17 Twp 11N Rge 20W County WASHITA Spot Location of End Point: NE NE NE NW 200 Feet From: NORTH 1/4 Section Line: Feet From: WEST 2440 1/4 Section Line: Depth of Deviation: 10619 Radius of Turn: 749 Direction: 5 Total Length: 4337 Measured Total Depth: 16133 True Vertical Depth: 11096 End Point Location from Lease, Unit, or Property Line: 200 Additional Surface Owner City, State, Zip Address JAN BLACKBURN HANNAH SAN FRANCISCO, CA 94103 1385 MISSION ST., STE. 220

ANNE B. HANNAH-ROY

Notes:	
Category	Description
DEEP SURFACE CASING	6/10/2014 - G71 - 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 - 201403450	6/10/2014 - G75 - (I.O.) 17-11N-20W X152744 HXBR SHL NCT 200 FSL, NCT 2115 FWL COMPL. INT. NCT 300 FSL, NCT 300 FNL, NCT 1320 FWL NO OP. NAMED REC 6-2-2014 (JOHNSON)
PENDING CD - 201403595	6/10/2014 - G75 - 17-11N-20W X152744 HXBR 1 WELL NO OP. NAMED REC 6-9-2014 (MCKEOWN)
SPACING - 152744	6/10/2014 - G75 - (640) 17-11N-20W EXT 130975 HXBR, OTHERS

1328 JOSEPHINE STREET

BERKLEY, CA 94703