

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 047 25000

Approval Date: 01/30/2015
Expiration Date: 07/30/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 24N Rge: 7W County: GARFIELD
SPOT LOCATION: SE SE SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 173 2526

Lease Name: OTTERHOUND Well No: 6-8H Well will be 173 feet from nearest unit or lease boundary.
Operator Name: ARP OKLAHOMA LLC Telephone: 4124890311 OTC/OCC Number: 23072 0

ARP OKLAHOMA LLC
425 HOUSTON ST STE 300
FORT WORTH, TX 76102-3951

OVERTON LTD PARTNERSHIP C/O JOYCE OVERTON
P.O. BOX 635
POND CREEK OK 73766

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	5890	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 67722

Location Exception Orders:

Increased Density Orders: 623752

Pending CD Numbers: 201500194

Special Orders:

Total Depth: 10819

Ground Elevation: 1186

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 80

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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 BED AQUIFER

Pit Location Formation: SALT PLAINS

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 15-29437

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 08 Twp 24N Rge 7W County GARFIELD

Spot Location of End Point: E2 SE SE SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2526

Depth of Deviation: 5144

Radius of Turn: 746

Direction: 180

Total Length: 4503

Measured Total Depth: 10819

True Vertical Depth: 5967

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	1/15/2015 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
INCREASED DENSITY - 623752	1/28/2015 - G75 - 8-24N-7W X67722 MSSLM 3 WELLS ARP OKLAHOMA, LLC 4-9-2014
PENDING CD - 201500194	1/28/2015 - G75 - (E.O.) X67722 MSSLM SHL NCT 150 FSL, NCT 1320 FWL 5-24N-7W POE NCT 200 FNL, NCT 660 FEL 8-24N-7W BHL NCT 200 FSL, NCT 660 FEL 8-24N-7W ARP OKLAHOMA, LLC REC 1-27-2015 (DECKER)
SPACING - 67722	1/28/2015 - G75 - (640) 8-24N-7W EST MSSLM, OTHERS

APT 047-25000



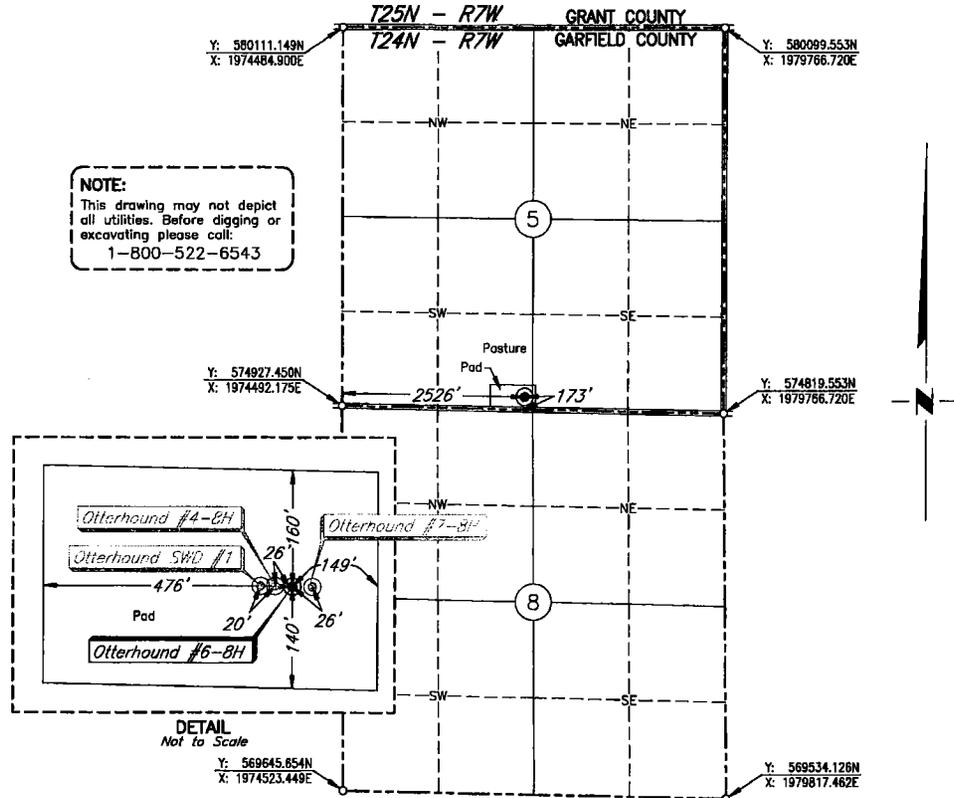
CIMARRON
SURVEYING & MAPPING CO.

Oklahoma City, OK
(405) 692-7348
CIMARRONOKC.COM

C.A. No. 1780 Expires June 30, 2014

GARFIELD County, Oklahoma

173'FSL - 2526'FWL Section 5 Township 24N Range 7W I.M.



Scale: 1" = 1000'

Date Staked: January 9, 2015

GPS Observation: Latitude 36°34'46.895" N State Plane NAD83 Y: 575049N
Longitude 97°58'15.588" W Oklahoma North Zone: X: 1977016E

Operator: ARP OKLAHOMA, LLC Elevation: 1186'

Lease Name: OTTERHOUND Well No.: 6-8H

Topography & Vegetation: Pasture

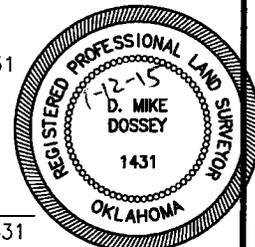
Alternate Location Stakes Set: No Good Drill Site? Yes

Best Accessibility to Location: From the South Line

Distance & Direction
from Hwy Jct or Town: From junction of State Hwy. 45 & State Hwy. 132; Thence north 7 miles along State Hwy. 132; Thence east 2 miles to the Southwest Corner of Section 5.

SURVEYOR'S CERTIFICATE:

I, D. MIKE DOSSEY, Registered Professional Land Surveyor, No. 1431 do hereby certify that the above described well location was carefully staked on the ground as shown and that all ties and distances shown are from existing lines of occupation.



D. Mike Dossey
D. MIKE DOSSEY R.P.L.S. # 1431

JOB NO.:	141424D			
DATE:	01/12/15	1	NAME CHANGE	01/12/15 N.J.S.
DRAWN BY:	N.J.S.	NO.	REVISION	DATE BY