

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

API NUMBER: 083 24339

Approval Date: 10/16/2014

Expiration Date: 04/16/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 17N Rge: 2W

County: LOGAN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 215 235

Lease Name: EVEREST

Well No: 1-9MH

Well will be 215 feet from nearest unit or lease boundary.

Operator OSAGE EXPLORATION & DEVELOPMENT INC
Name:

Telephone: 4052700989

OTC/OCC Number: 23098 0

OSAGE EXPLORATION & DEVELOPMENT INC
324 N ROBINSON AVE STE 800
OKLAHOMA CITY, OK 73102-6419

DOLESE BROTHERS COMPANY
20 NW 13TH STREET
OKLAHOMA CITY OK 73103

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5290	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 626308

Location Exception Orders: 626697

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9960

Ground Elevation: 905

Surface Casing: 200

Depth to base of Treatable Water-Bearing FM: 40

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-28642
H. CLOSED SYSTEM=STEEL PITS REQUIRED (CIMARRON RIVER)

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 09 Twp 17N Rge 2W County LOGAN

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 4600

Radius of Turn: 690

Direction: 1

Total Length: 4276

Measured Total Depth: 9960

True Vertical Depth: 5290

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category

Description

LOCATION EXCEPTION - 626697

10/16/2014 - G91 - (I.O.) 9-17N-2W
X 626308 MSSP, OTHERS
COMPL. INT. NCT 200 FNL, NCT 200 FSL, NCT 660 FWL
OSAGE EXPLOR. & DEVELOPMENT, INC.
6-13-2014

SPACING - 626308

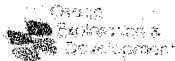
10/16/2014 - G91 - (640)(HOR) 9-17N-2W
EST OTHER
EXT 622418 MSSP, OTHER
POE TO BHL NCT 660' FB
(SUPERCEDE NON-DEVELOP NON-HORIZONTAL SPACING UNITS)

This permit does not address the right of entry or settlement of surface damages.

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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.

083 24339 EVEREST 1-9MH



Well Location Plat

Sec. 9-17N-2W I.M.

083-24339

Operator: OSAGE EXPLORATION & DEVELOPMENT

Lease Name and No.: EVEREST 1-9MH

Footage: 215' FSL - 235' FWL (SW/4) GR. ELEVATION: 905' Good Site? YES

Section: 9 Township: 17N Range: 2W I.M.

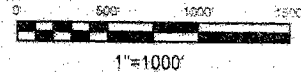
County: Logan State of Oklahoma

Alternate Loc.: N/A

Terrain at Loc.: Stake fell in an open, flat cultivated field, \pm 180' North of an East-West fence and aerial powerline.

Accessibility: From the South.

Directions: From the intersection of Highway 33 & Highway 77 in Guthrie, OK, go 5.6 miles North on Highway 77, then 0.2 mile East on "EW 73 Road" to the Southwest Corner of Section 9-17N-2W.



GPS DATUM

NAD - 27

OK NORTH ZONE

35.957094 / 97.422869

Surface Hole Loc.:

Lat: 35°57'25.54"N

Lon: 97°25'27.37"W

X: 2170395

Y: 348895

1st Take Point:

Lat: 35°57'25.40"N

Lon: 97°25'22.20"W

X: 2170820

Y: 348883

Bottom Hole Loc.:

Lat: 35°58'13.61"N

Lon: 97°25'22.30"W

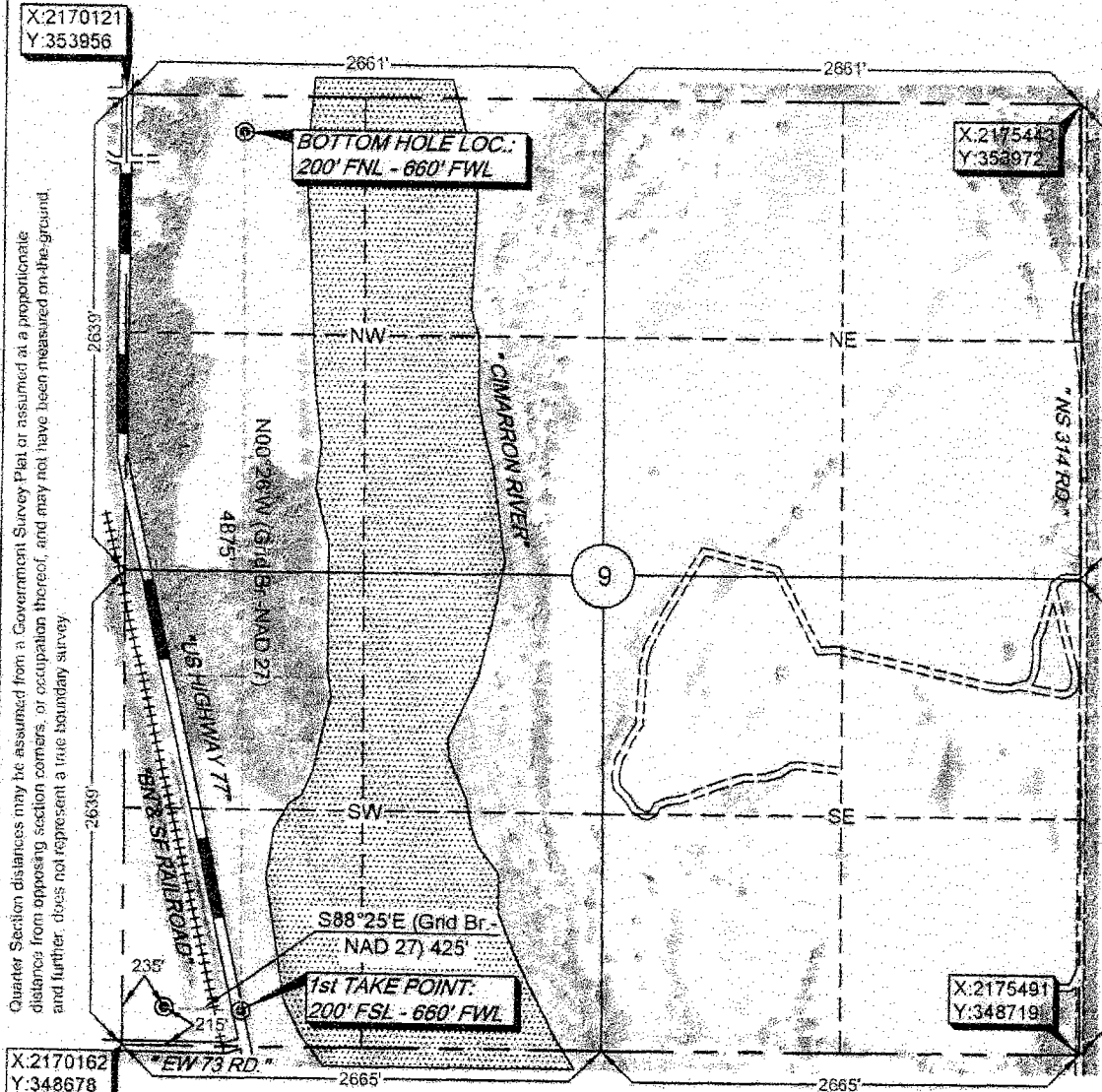
X: 2170783

Y: 353758

35.970447

97.422861

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is determined from RTK - GPS. NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.



survey and plat by:

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2016

Invoice # 4953

Date Staked: 10/02/14 By: C.K.

Date Drawn: 10/03/14 By: J.H.

Add FTP & BHL: 10/08/14 By: R.M.

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Stan Drannon 10/9/14
STAN DRANNON OK LPLS 1672

