

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

API NUMBER: 073 25457

Approval Date: 12/08/2016
Expiration Date: 06/08/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 15N Rge: 6W County: KINGFISHER
SPOT LOCATION: NE NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 303 1009

Lease Name: HUNTSMAN 1506 Well No: 4-23MH Well will be 303 feet from nearest unit or lease boundary.
Operator Name: OKLAHOMA ENERGY ACQUISITIONS LP Telephone: 2815300991 OTC/OCC Number: 23509 0

OKLAHOMA ENERGY ACQUISITIONS LP
15021 KATY FWY STE 400
HOUSTON, TX 77094-1900

DAN L. MARLOW AND SANDRA K. MARLOW
25610 E. 840 ROAD
KINGFISHER OK 73750

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

Name	Depth	Name	Depth
1 MISS'AN (EX CHESTER)	7396	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 655955

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604812
201604806

Special Orders:

Total Depth: 12670

Ground Elevation: 1216

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 120

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 Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 4000 Average: 1800

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31812
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 23 Twp 15N Rge 6W County KINGFISHER

Spot Location of End Point: SW SE SE SW

Feet From: SOUTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 2209

Depth of Deviation: 7249

Radius of Turn: 494

Direction: 170

Total Length: 4645

Measured Total Depth: 12670

True Vertical Depth: 7576

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

Notes:

Category	Description
DEEP SURFACE CASING	12/6/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	12/6/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
PENDING CD - 201604806	12/8/2016 - G60 - 23-15N-6W X655955 MSNLC 3 WELLS NO OP. NAMED REC. 11/22/16 (DUNN)
PENDING CD - 201604812	12/8/2016 - G60 - (I.O.) 23-15N-6W X655955 MSNLC COMPL. INT. NCT 200' FSL, NCT 200' FNL, NCT 1823' FWL NO OP. NAMED REC. 11-22-16 (DUNN)
SPACING - 655955	12/8/2016 - G60 - (640) 23-15N-6W VAC 55880/62761 MSSLM EST MSNLC EXT OTHERS POE TO BHL NLT 660' FB (COEXIST WITH NON-HORIZONTAL SPACING UNITS)

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CIMARRON
SURVEYING & MAPPING CO.

C.A. No. 1780 Expires JUNE 30, 2018

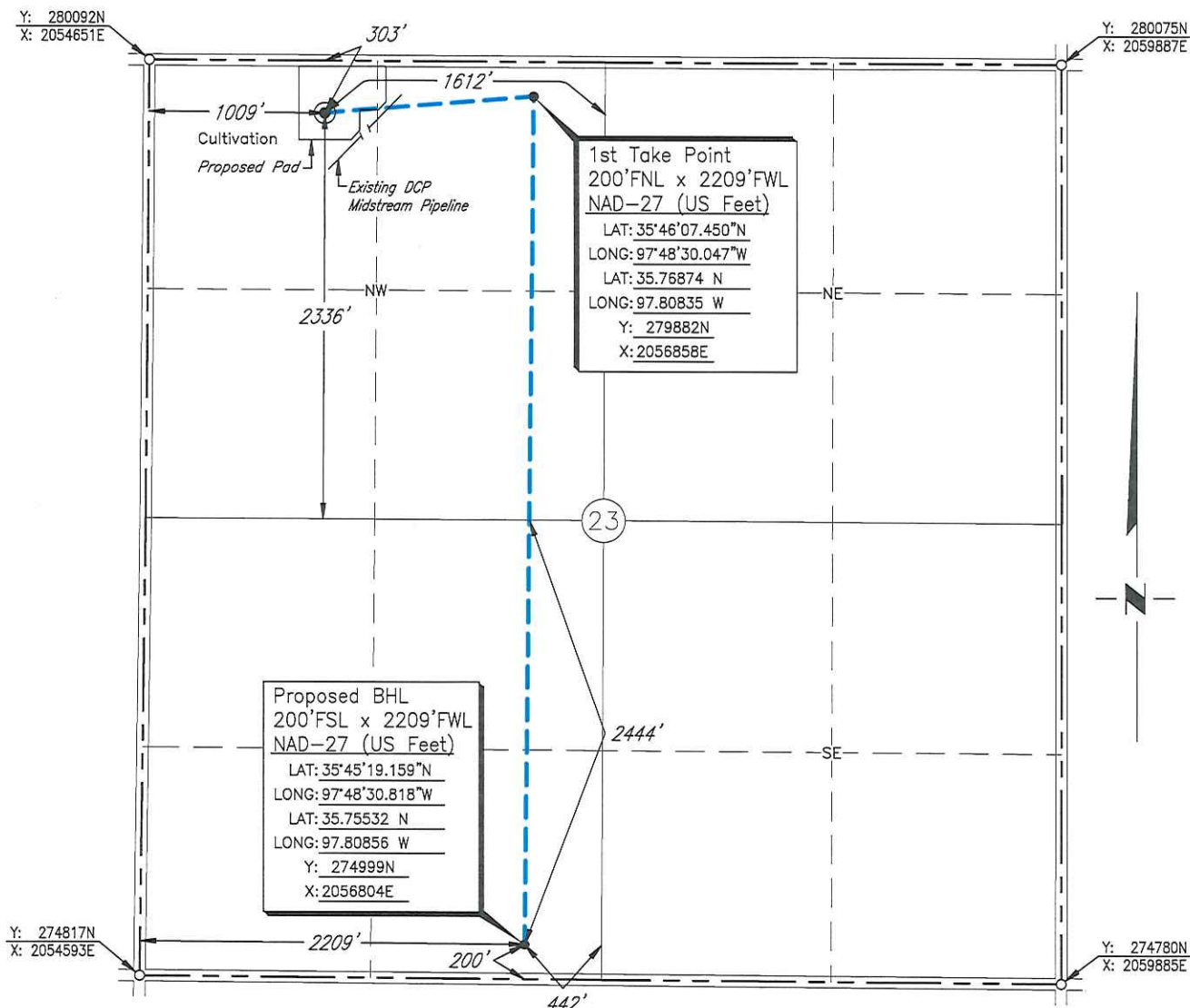
Oklahoma City, OK
(405) 692-7348
CIMSURVEY.COM

3507325457

KINGFISHER

County, Oklahoma

303'FNL - 1009'FWL Section 23 Township 15N Range 6W I.M.



Scale: 1" = 1000'

Date Staked: August 24, 2016

GPS Observation: Latitude 35°46'06.506" N
Longitude 97°48'44.617" W
Latitude 35.76847 N
Longitude 97.81239 W

State Plane NAD27 Y: 279784N
Oklahoma North Zone: X:2055658E

Operator: OKLAHOMA ENERGY ACQUISITIONS, LP Elevation: 1216'

Lease Name: Huntsman 1506 Well No.: 4-23MH

Topography & Vegetation: Cultivation

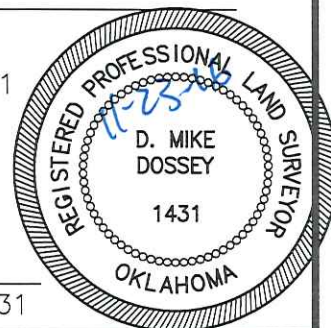
Alternate Location Stakes Set: No Good Drill Site? Yes

Best Accessibility to Location: From the North Line

Distance & Direction
from Hwy Jct or Town: From the town of Reeding; Thence south approx. 1/2 mile; Thence west approx. 1 1/2 miles; Thence south 1 mile; Thence west 1 mile to the Northwest Corner of Section 23.

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.:	1614196E				
DATE:	11/04/16	1	REVISED DRILL PATH	11/23/16	T.A.W.
DRAWN BY:	T.A.W.	NO.	REVISION	DATE	BY