

API NUMBER: 043 23751

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

Approval Date: 05/19/2022
Expiration Date: 11/19/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 23 Township: 16N Range: 20W County: DEWEY

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NE
FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 270 1830

Lease Name: OMMEN Well No: 5-14H Well will be 270 feet from nearest unit or lease boundary.
Operator Name: DUNCAN OIL PROPERTIES INC Telephone: 4052721800 OTC/OCC Number: 15876 0

DUNCAN OIL PROPERTIES INC
100 PARK AVE STE 1200
OKLAHOMA CITY, OK 73102-8023

EDWARD H. & MARY SUE SMITH, III
RR 1 BOX 65
CAMARGO OK 73835-9801

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

Name	Code	Depth
1 CLEVELAND	405CLVD	9500

Spacing Orders: 66315

Location Exception Orders: 723491

Increased Density Orders: 723490

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 14800

Ground Elevation: 1937

Surface Casing: 1550

Depth to base of Treatable Water-Bearing FM: 390

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 22-38322

H. (Other) SEE MEMO

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: RUSH SPRINGS

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: RUSH SPRING

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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

Section: 14	Township: 16N	Range: 20W	Meridian: IM	Total Length: 4861
	County: DEWEY			Measured Total Depth: 14800
Spot Location of End Point: NW	NW	NW	NE	True Vertical Depth: 9544
Feet From: NORTH		1/4 Section Line: 165		End Point Location from
Feet From: EAST		1/4 Section Line: 2500		Lease, Unit, or Property Line: 165

NOTES:

Category	Description
DEEP SURFACE CASING	[5/18/2022 - GC2] - 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	<p>[5/18/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
INCREASED DENSITY - 723490	<p>[5/19/2022 - G56] - 14-16N-20W X66315 CLVD 1 WELL DUNCAN OIL PROPERTIES, INC 2/14/2022</p>
LOCATION EXCEPTION - 723491	<p>[5/19/2022 - G56] - (I.O.) 14-16N-20W X66315 CLVD COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 1320' FEL DUNCAN OIL PROPERTIES, INC 2/14/2022</p>
MEMO	[5/18/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - BARNITZ CREEK SITE), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 66315	[5/19/2022 - G56] - (640) 14-16N-20W EST CLVD, OTHERS



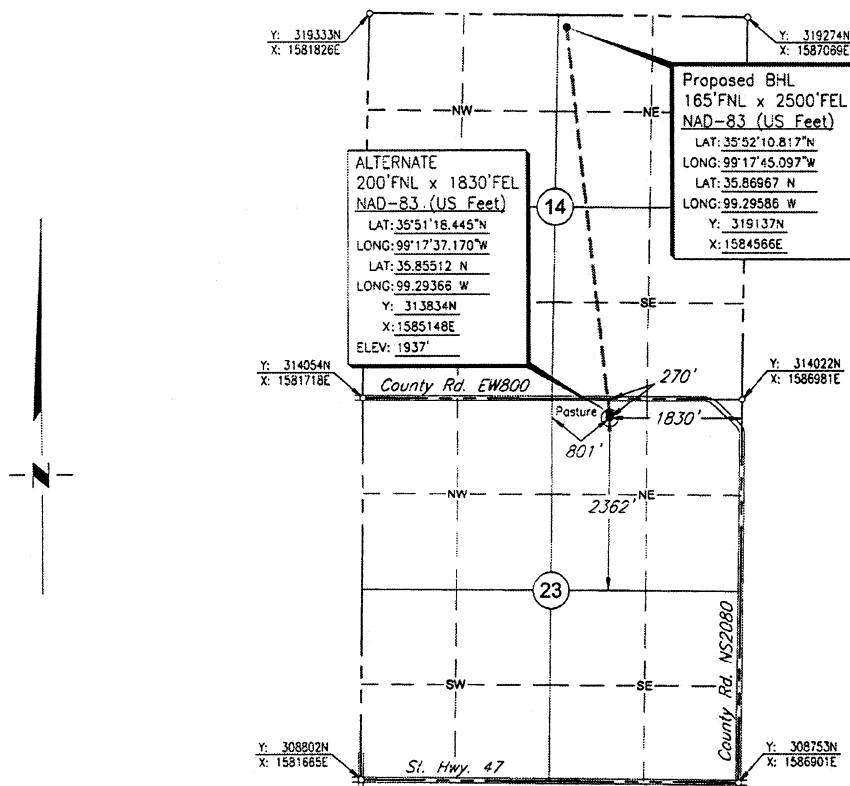
CIMARRON
SURVEYING & MAPPING CO.
CA No. 1780 Expires June 30, 2022

1530 SW 89th STREET, Bldg. C7
Oklahoma City, OK
(405) 692-7348
CIMSURVEY.COM

DEWEY

County, Oklahoma

270'FNL - 1830'FEL Section 23 Township 16N Range 20W I.M.



Scale: 1"= 2000'

Date Staked: January 19, 2022

GPS Observation: Latitude 35°51'17.753" N
Longitude 99°17'37.172" W
Latitude 35.85493 N
Longitude 99.29366 W

State Plane NAD83 Y: 313764N
Oklahoma North Zone: X: 1585147E

Operator: DUNCAN OIL PROPERTIES

Elevation: 1937'

Lease Name: OMMEN

Well No.: 5-14H

Topography & Vegetation: Pasture

Alternate Location Stakes Set: Yes

Good Drill Site?

Best Accessibility to Location: From the North Line

Distance & Direction

from Hwy Jct or Town: From the junction of State Hwy. 34 & State Hwy. 47; Thence
East 4 miles; Thence North 1 mile to the NE 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.

JOB NO.:	221420				
DATE:	01/20/22				
DRAWN BY:	T.A.W.	NO.	REVISION	DATE	BY

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

