

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

API NUMBER: 151 24543

Approval Date: 09/17/2018

Expiration Date: 03/17/2020

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 29N Rge: 13W

County: WOODS

SPOT LOCATION:

C

NW

NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 660 660

Lease Name: HAROLD

Well No: 1

Well will be 660 feet from nearest unit or lease boundary.

Operator Name: INDIAN OIL CO INC

Telephone: 6208863763

OTC/OCC Number: 24260 0

INDIAN OIL CO INC  
PO BOX 209  
MEDICINE LODGE, KS 67104-0209

GERALD WAMSLEY  
44895 WOODLAKE DRIVE  
ALVA OK 73717

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	3400	6	
2	VIOLA	3870	7	
3	SIMPSON	4000	8	
4	ARBUCKLE	4200	9	
5			10	

Spacing Orders: 572406

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5000

Ground Elevation: 1385

**Surface Casing: 280**

Depth to base of Treatable Water-Bearing FM: 230

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: 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

F. Haul to Commercial soil farming facility: Sec. 33 Twn. 26N Rng. 15W Cnty. 151 Order No: 607562

Additional Surface Owner

Address

City, State, Zip

ROGER WAMLSEY

301 BARNES

ALVA, OK 73717

Notes:

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.

Category	Description
HYDRAULIC FRACTURING	<p>9/14/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING	<p>9/17/2018 - G57 - FORMATIONS UNSPACED(SMPS, ABCK); LEASE OUTLINE 160-ACRES NW4 17-29N-13W PER OPERATOR</p>
SPACING - 572406	<p>9/14/2018 - G57 - (160) 17-29N-13W VAC 150484 MSSP, OTHERS EXT 330965 MSSP, VIOL</p>



OIL FIELD SURVEYORS

BOX 8604 - PRATT, KS 67124  
(620) 672-6491

API:151 24543

913181

INVOICE NO.

INDIAN OIL CO INC

OPERATOR

1

NO.

HAROLD

FARM

WOODS CO., OK

COUNTY

17

S

29n

T

13w

R

660' FNL & 660' FWL of SEC

LOCATION

1388' GR

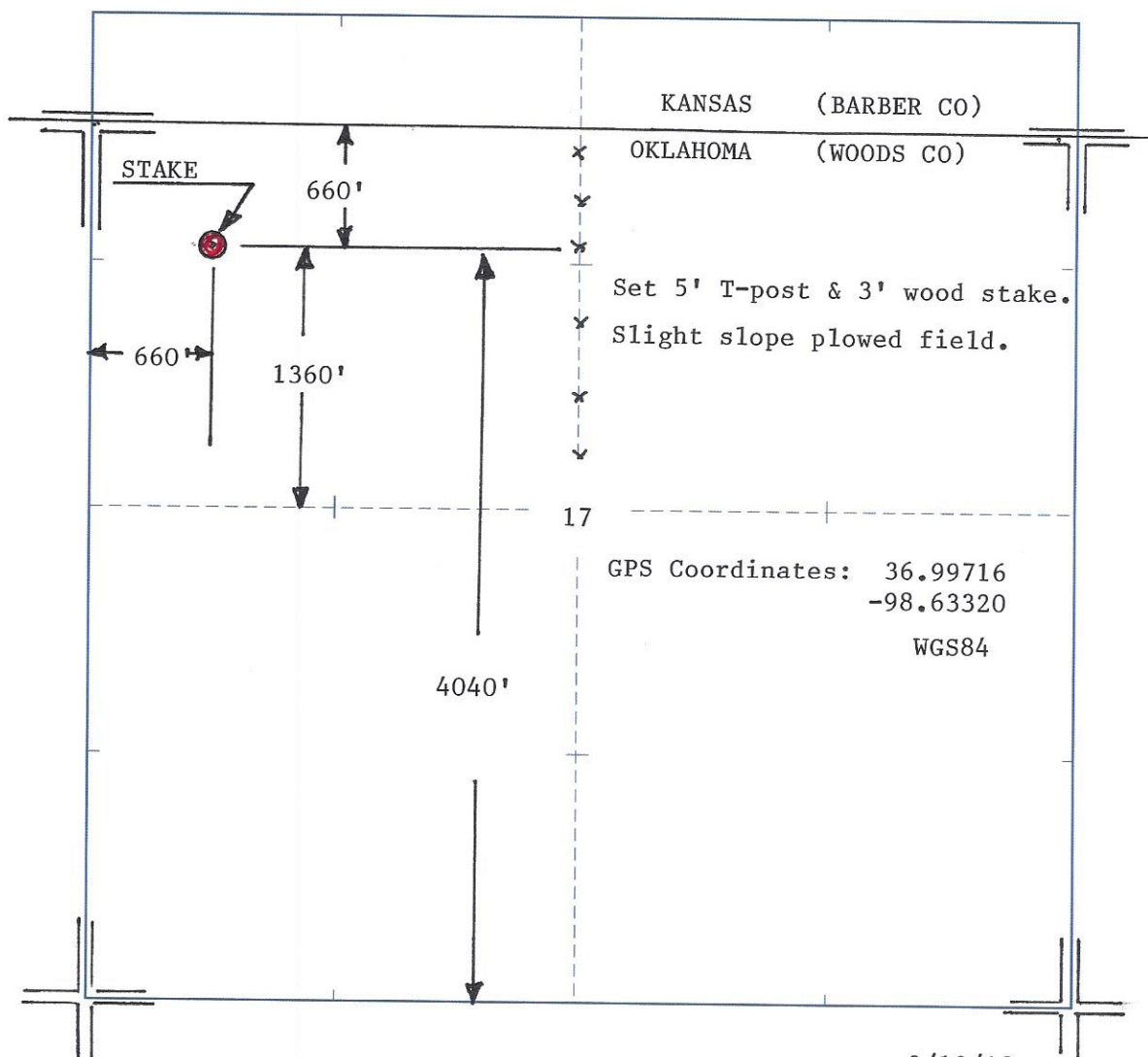
ELEVATION:



INDIAN OIL CO INC  
PO BOX 209  
MEDICINE LODGE, KS 67104-0209

AUTHORIZED BY: Anthony Farrar

SCALE: 1" = 1000'



DATE STAKED: 9/13/18

# 7.5 MINUTE SERIES (TOPOGRAPHIC)

DICINE LODGE 24 MI. 4  
HARDTNER 1 MI. 1

1810 000 FEET

532

533

98° 37' 30"

17

BARBER CO  
WOODS CO

16

37° 00'  
T. 35 S.  
T. 29 N.

R14 W  
R13 W

18

17

HAROLD #1

BR 1380

1380

1360

1385

1310

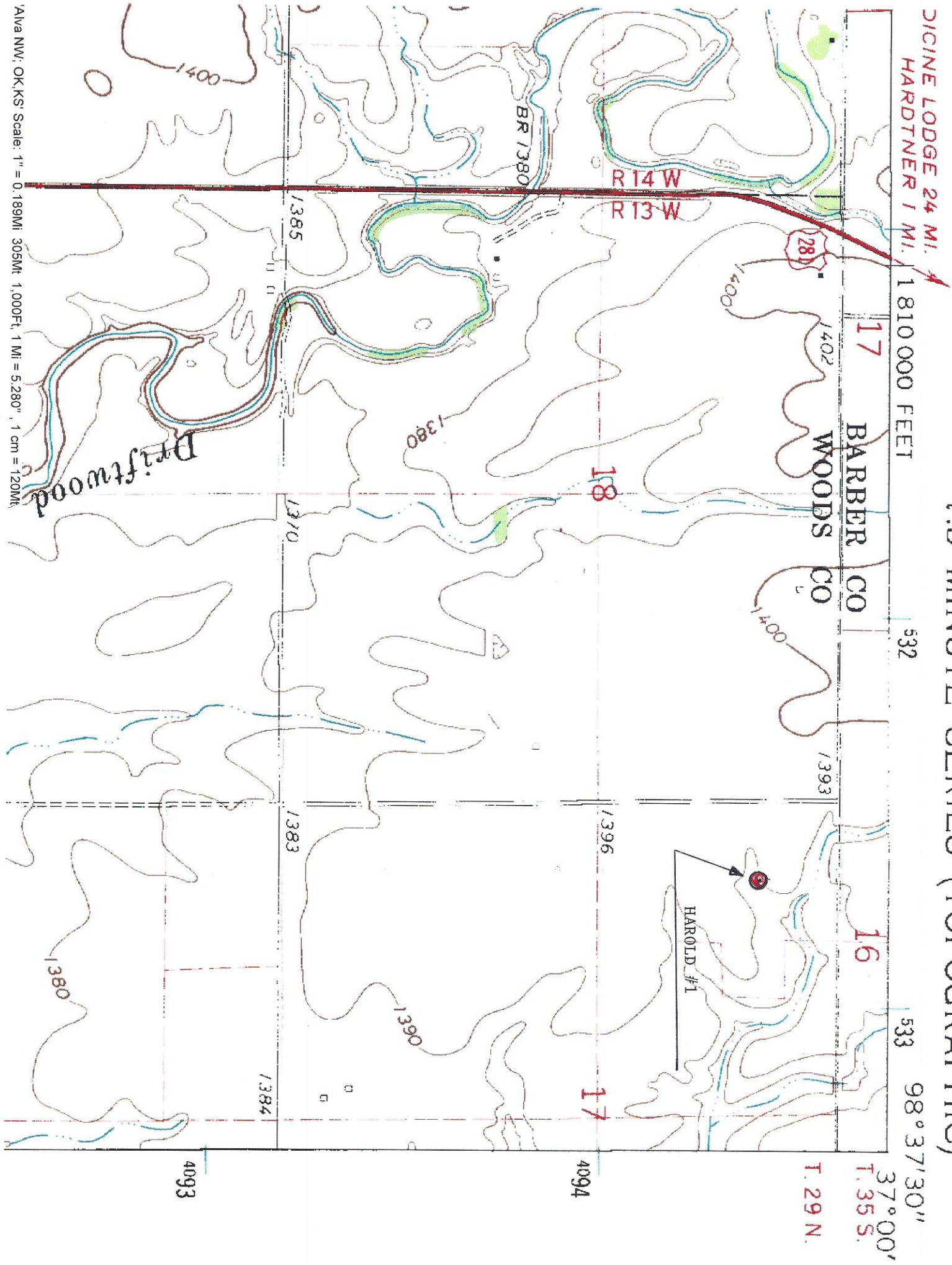
1383

1384

4093

4094

Alva NW, OK, KS Scale: 1" = 0.189 MI 305 Mt 1.000 Ft 1 MI = 5,280' 1 cm = 120 Mt






# INDIAN OIL CO INC

HAROLD #1  
SEC 17-29N-13W  
660' FNL & 660' FWL OF SEC.  
WOODS CO., OK  
WGS84 DATUM

## Legend

 36.99716 -98.63320

 36.99716 -98.63320

E0010 Rd

N2460 Rd

Google Earth

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1000 ft