

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

API NUMBER: 025 21080 A

Approval Date: 09/23/2020
Expiration Date: 03/23/2022

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 15 Township: 3N Range: 9ECM County: CIMARRON

SPOT LOCATION: C SW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 1980 660

Lease Name: HANES TRUST Well No: 2-15 Well will be 660 feet from nearest unit or lease boundary.
Operator Name: T AND L OIL INC Telephone: 5806289959 OTC/OCC Number: 21251 0

T AND L OIL INC
102 S MAIN ST
TONKAWA, OK 74653-4530

DARUS HANES
P.O. BOX 25
KEYES OK 74653

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

Name	Code	Depth	Name	Code	Depth
1 RED CAVE	RDCV	1625	6 MORROW SAND LOW	402MWSDL	4484
2 COUNCIL GROVE	CCGV	2850	7 MISSISSIPPI	351MISS	4780
3 HEEBNER	406HBNR3	3210			
4 CHEROKEE	404CHRK	4118			
5 MORROW UP	402MRRWU	4285			

Spacing Orders: 44385 Location Exception Orders: 713893 Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending Special Orders: No Special Orders

Total Depth: 4862 Ground Elevation: 3768 Surface Casing: 1650 Depth to base of Treatable Water-Bearing FM: 180

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:
A. Evaporation/dewater and backfilling of reserve pit.

PIT 1 INFORMATION

Type of Pit System: ON SITE
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: 1B
Liner required for Category: 1B
Pit Location is: BED AQUIFER
Pit Location Formation: OGALLALA

NOTES:

Category	Description
DEEP SURFACE CASING	9/22/2020 - GB1 - APPROVED: (1) MUD UP PRIOR TO TD TO PROTECT SHALLOW SANDS, (2) 2-STAGE CEMENTING TOOL TO BE SET AT 100' BELOW BTW, & (3) COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED. RULE 165: 10-3-4 (D)(4)(C)

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.

HYDRAULIC FRACTURING	<p>9/17/2020 - GC2 - 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: OCCEWEB.COM/OG/OGFORMS.HTML; 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: FRACFOCUS.ORG</p>
LOCATION EXCEPTION - 713893	<p>9/22/2020 - GB1 - (F.O.) 15-3N-9ECM X44385 MWSDL 1980' FNL, 660' FWL MILLBRAE ENERGY, LLC*** 8/17/2020</p> <p>*** S/B NO OP NAMED; NPT WILL BE FILED PER ATTORNEY FOR OPR</p>
SPACING	9/22/2020 - GB1 - RDCV, CCGV, HBNR, CHRK, MRRWU, MISS UNSPACED, 640-ACRE LEASE 15-3N-9ECM
SPACING - 44385	9/22/2020 - GB1 - (640) 15-3N-9ECM EST MWSDL
SURFACE CASING	9/22/2020 - GB1 - DEEP SURFACE CASING SET @ 1650' W/ DV TOOL @ 280' TO COVER BTW @ 180'

WELL LOCATION

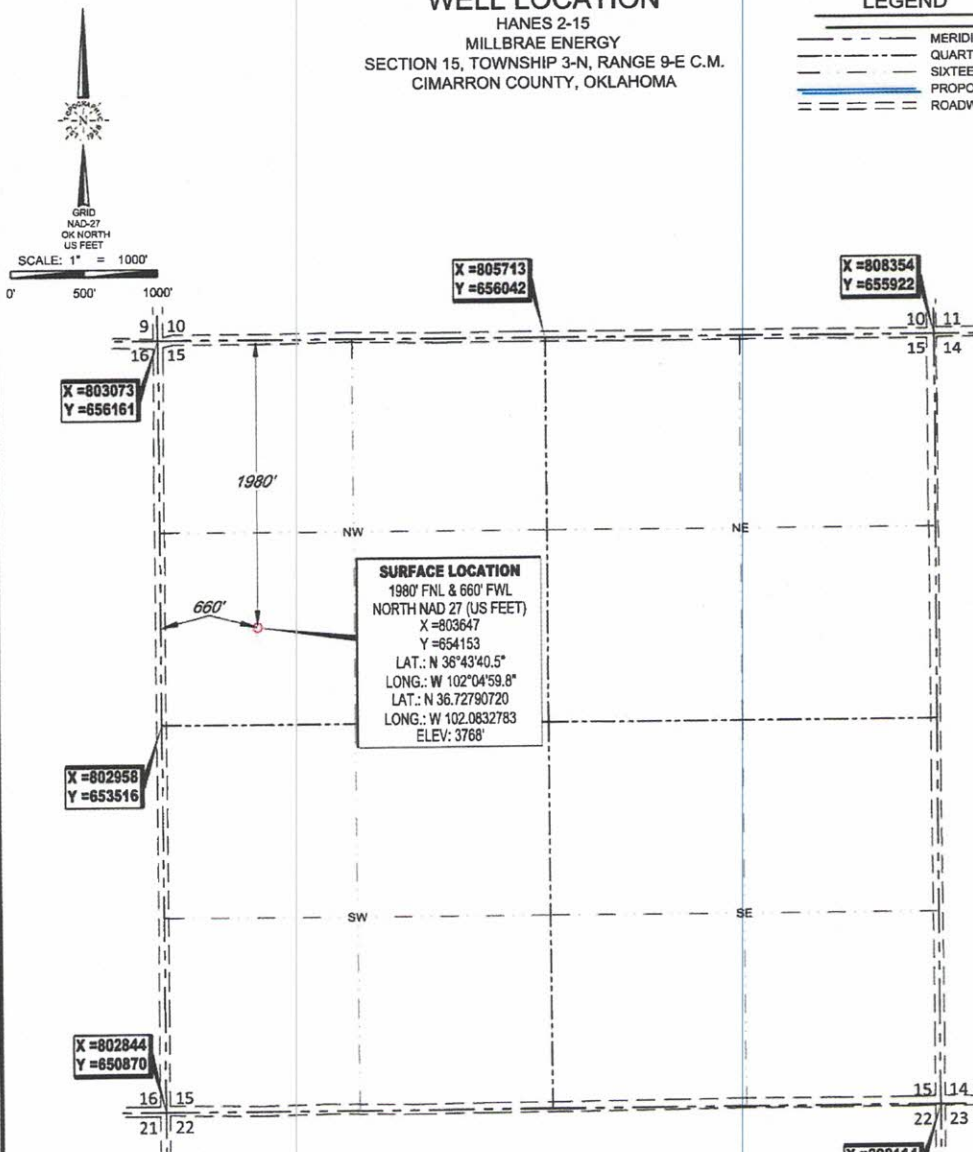
HANES 2-15

MILLBRAE ENERGY

SECTION 15, TOWNSHIP 3-N, RANGE 9-E C.M.
CIMARRON COUNTY, OKLAHOMA

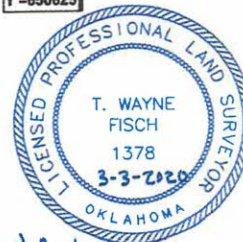
LEGEND

- MERIDIAN/SECTION LINE
- - - QUARTER SECTION LINE
- - - SIXTEENTH SECTION LINE
- PROPOSED WELL BORE
- == ROADWAY



SURVEYOR'S CERTIFICATE:

I, T. WAYNE FISCH, OKLAHOMA LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1378 DO HEREBY CERTIFY THAT THIS PLAT OF SURVEY MEETS THE OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYING AS ADOPTED BY THE OKLAHOMA STATE BOARD OF LICENSURE FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.



T. Wayne Fisch
T. Wayne Fisch, P.L.S. No. 1378
Authorized Agent of Topographic Land Surveyors

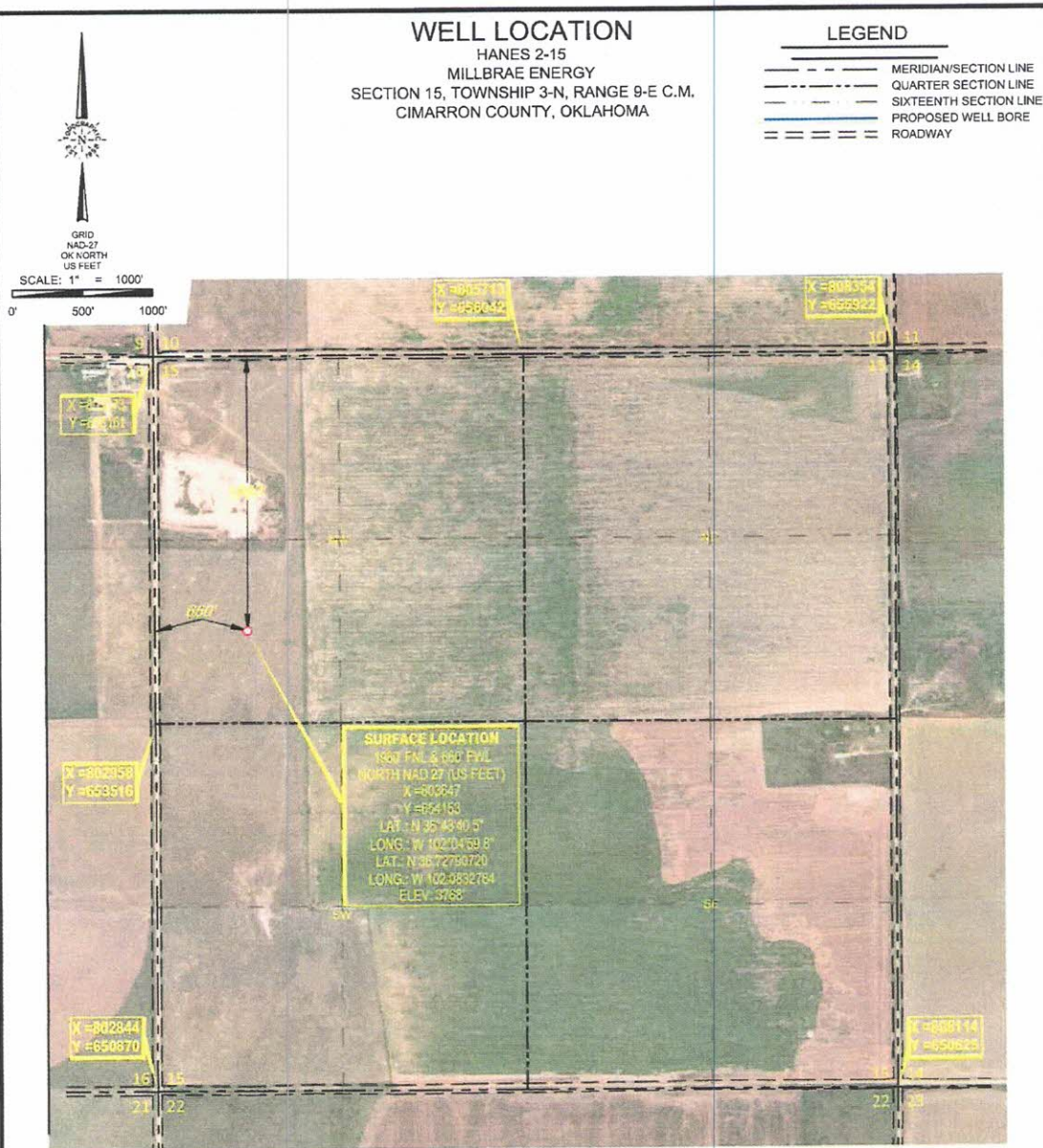
TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
13800 WIRELESS WAY - OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 694-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO.:

HANES 2-15

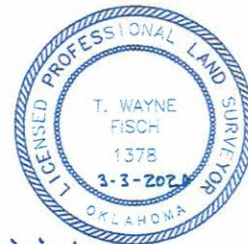
SECTION 15 TWP 3-N RGE 9-E MERIDIAN C.M.
COUNTY CIMARRON STATE OKLAHOMA
DESCRIPTION 1980' FNL & 660' FWL

HANES 2-15	REVISION:		NOTES:
	INT	DATE	
DATE: 03/02/20			<p>1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"</p> <p>2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES, OPUS RESULTS ARE CORRELATED TO OKLAHOMA NORTH ZONE, NAD 27 - HORIZONTAL AND NAVD 88 - VERTICAL.</p> <p>3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY MILLBRAE ENERGY. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN ADJOINING THIS EASEMENT/LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.</p> <p>4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.</p> <p>5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.</p>
FILE: LO_HANES_2-15			
DRAWN BY: EAH			
SHEET: 1 OF 5			



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SHEET: 2 OF 5			