

API NUMBER: 025 21082

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

Approval Date: 03/18/2021
Expiration Date: 09/18/2022

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 23 Township: 1N Range: 8ECM County: CIMARRON

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

Lease Name: PROTHRO Well No: 1-23 Well will be 1980 feet from nearest unit or lease boundary.

Operator Name: VERDUGO-PABLO ENERGY LLC Telephone: 8063714765 OTC/OCC Number: 23040 0

VERDUGO-PABLO ENERGY LLC
PO BOX 2945
AMARILLO, TX 79105-2945

PERKINS PROTHRO RANCH L.P.
2304 MIDWESTERN PARKWAY, SUITE 200
WICHITA FALLS TX 76308

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

Name	Code	Depth
1 WINFIELD	451WFLD	2660

Spacing Orders: 312063

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 3000 Ground Elevation: 3800

Surface Casing: 550

Depth to base of Treatable Water-Bearing FM: 490

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.
B. Solidification of pit contents.

H. (Other)

MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR
TO TESTING SOIL PIT LINER

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

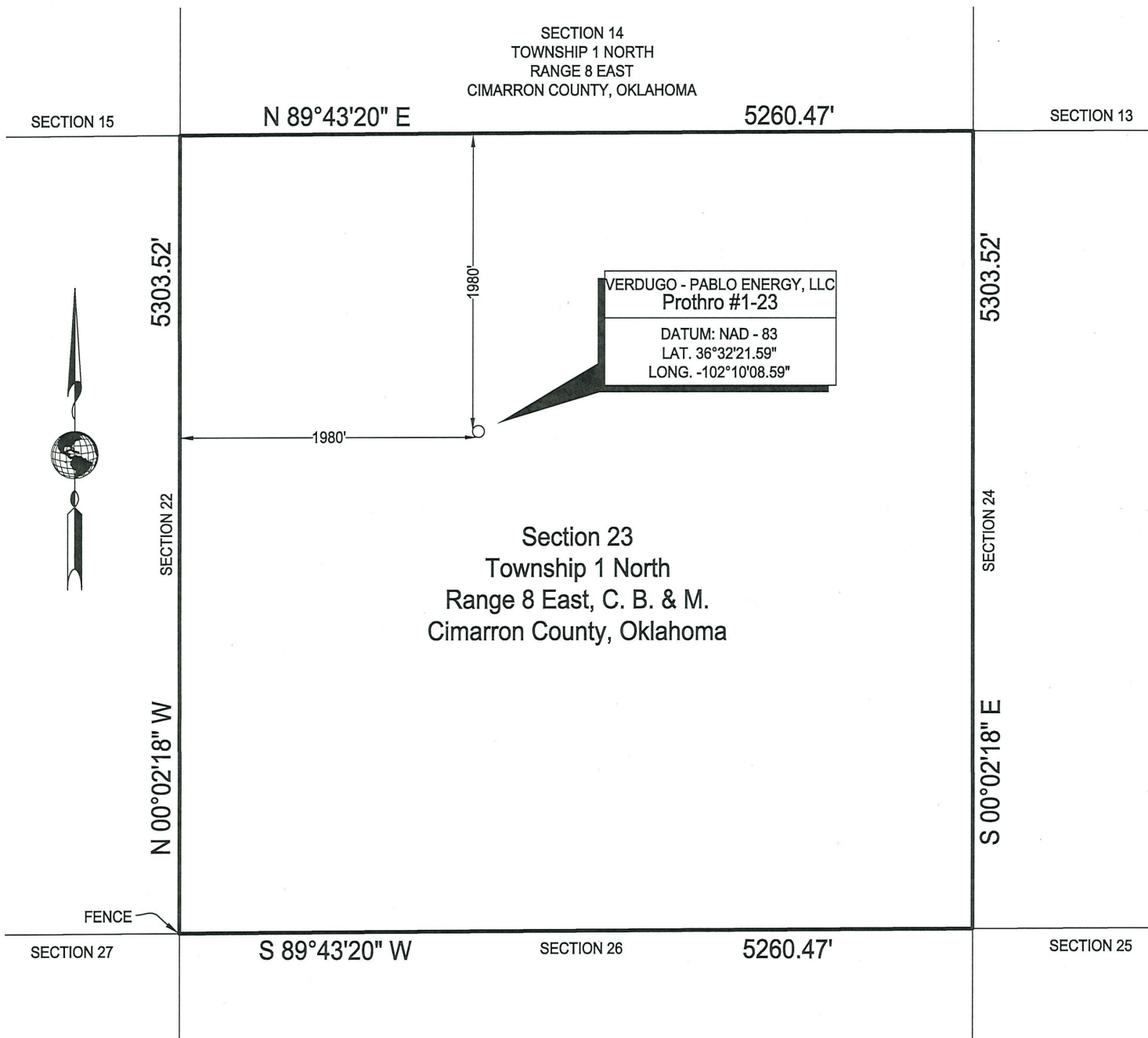
Pit Location Formation: OGALLALA

NOTES:

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.

Category	Description
HYDRAULIC FRACTURING	<p>[3/17/2021 - 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>
SPACING - 312063	<p>[3/18/2021 - GB1] - (640/40) 23-1N-8ECM EXT (640) OTHERS EXT (40) WFLD, OTHERS EST (640) OTHER</p>

Operator: VERDUGO - PABLO ENERGY, LLC Lease Name: PROTHRO #1 WELL NO.: 23
Footages: 1980' FNL & 1980' FWL Elevation: 3800.27'
Section: 23 Township 1 North, Range 8 East, C.B. & M. CIMARRON County, Oklahoma
Topography & Vegetation: ROLLING PASTURE
Reference or Alternate Stakes Set: NONE
Best Accessibility to Location: EXISTING ROAD E0320 EAST OF NE CORNER
Distance & Direction: N 53°45' E, 5.1 MILES FROM KERRICK, TEXAS



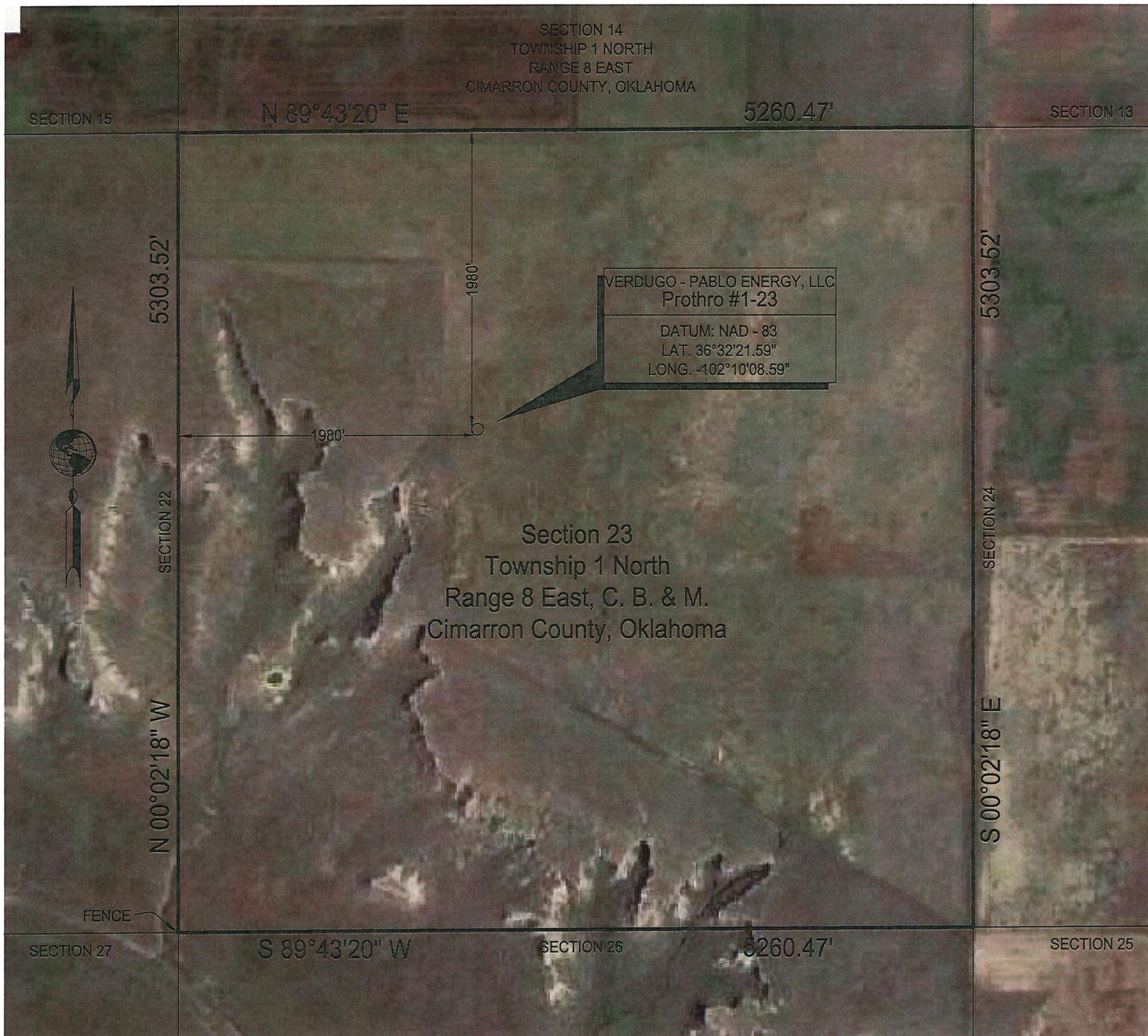
- CERTIFICATE -

NOTE: Bearings hereon are relative to true North as determined from G.P.S. observations.

This plot DOES NOT represent a true

The undersigned does hereby certify that the above described well location was surveyed and staked on the ground as shown.

Operator: VERDUGO - PABLO ENERGY, LLC Lease Name: PROTHRO #1 WELL NO.: 23
Footages: 1980' FNL & 1980' FWL Elevation: 3800.27'
Section: 23 Township 1 North, Range 8 East, C.B. & M. CIMARRON County, Oklahoma
Topography & Vegetation: ROLLING PASTURE
Reference or Alternate Stakes Set: NONE
Best Accessibility to Location: EXISTING ROAD E0320 EAST OF NE CORNER
Distance & Direction: N 53°45' E, 5.1 MILES FROM KERRICK, TEXAS



- CERTIFICATE -

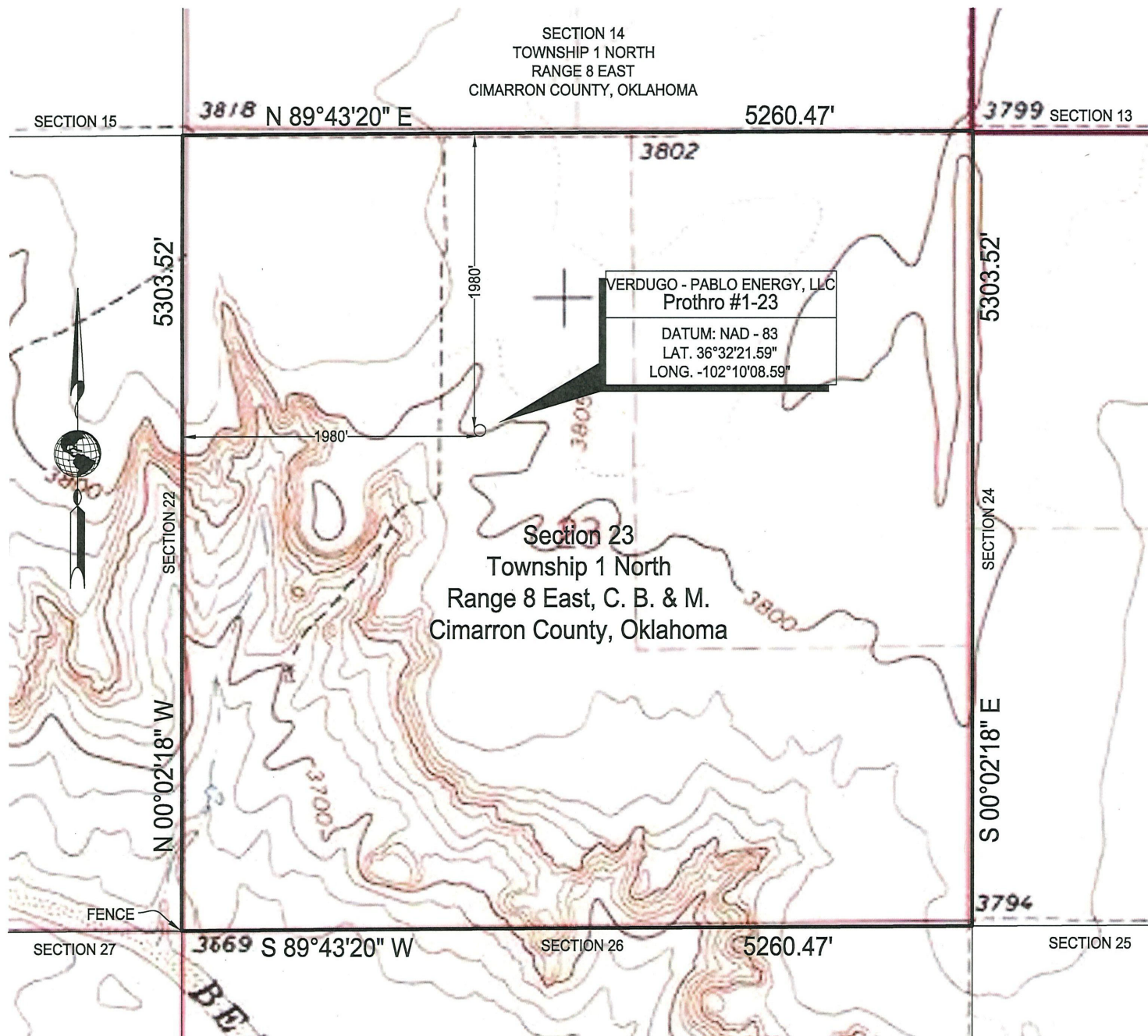
NOTE: Bearings hereon are relative to true North as determined from G.P.S. observations.

This plot DOES NOT represent a true

The undersigned does hereby certify that the above described well location was surveyed and staked on the ground as shown.



Operator: VERDUGO - PABLO ENERGY, LLC Lease Name: PROTHRO #1 WELL NO.: 23
Footages: 1980' FNL & 1980' FWL Elevation: 3800.27'
Section: 23 Township 1 North, Range 8 East, C.B. & M. CIMARRON County, Oklahoma
Topography & Vegetation: ROLLING PASTURE
Reference or Alternate Stakes Set: NONE
Best Accessibility to Location: EXSISTING ROAD E0320 EAST OF NE CORNER
Distance & Direction: N 53°45' E, 5.1 MILES FROM KERRICK, TEXAS



NOTE: Bearings hereon are relative to true North as determined from G.P.S. observations.

This plot DOES NOT represent a true

- CERTIFICATE -

The undersigned does hereby certify that the above described well location was surveyed and staked on the ground as shown.

From: [Shana Swirin-Miles](#)
To: [Dwyatt Jackson](#)
Subject: RE: Verdugo-Pablo Energy, LLC ITD - Prothro 1-23
Date: Tuesday, March 16, 2021 11:17:32 AM
Attachments: [image001.png](#)

Good Morning,

Below is the BTW information for the well mentioned above. You can send BTW request to the ogbtw@occ.ok.gov and typically I will response unless I am out of the office. Once you are ready to submit the intent if you are needing an intent in less than a week it would be best to expedite it but if you don't need it for a week or more then you don't need to expedite it. It will be helpful to have a spud date and a hearing date, if you have any pending cds. Please don't hesitate to contact us if you have any other questions or concerns.

Please try to have at least the quarter section on the plat or when asking for BTW information.

NW4:
BTW: 490'
MSC: 540'
Pit Cat: 1B – soil compaction required
DSC: At this time is allowed

Thank you,

Shana Swirin-Miles
Oil and Gas Specialist/Geologist
Oklahoma Corporation Commission
Post Office Box 52000
Oklahoma City, Oklahoma 73152
(405) 522-2758 (o)
Shana.swirin-miles@occ.ok.gov



From: Dwyatt Jackson <d.jackson@pabloenergy.com>
Sent: Tuesday, March 16, 2021 10:42 AM
To: OCC OG BTW <OGBTW@occ.ok.gov>
Subject: [EXTERNAL] Verdugo-Pablo Energy, LLC ITD - Prothro 1-23

Hello,

My name is Dwyatt Jackson and I work for Verdugo Pablo Energy, LLC (and we plan to drill a vertical Oil well in Cimarron Co. OK. The well is the Prothro 1-23. I believe the BTW is 500'. I have attached

the staking plat.

Thanks and where do I need to go from here.

Dwyatt Jackson

Engineer

O: 405-513-7121

C: 405-513-4531