

API NUMBER: 081 24327

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

Approval Date: 12/30/2021
Expiration Date: 06/30/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 16 Township: 14N Range: 5E County: LINCOLN

SPOT LOCATION: SE SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 154 358

Lease Name: HOGAN Well No: 1-16 HP Well will be 154 feet from nearest unit or lease boundary.
Operator Name: PRAIRIE GAS COMPANY OF OKLAHOMA Telephone: 5398672095 OTC/OCC Number: 24073 0

PRAIRIE GAS COMPANY OF OKLAHOMA LLC
2250 E 73RD ST STE 500
TULSA, OK 74136-6834

COMMISSIONERS OF THE LAND OFFICE
DIVISION OF CAPITAL ASSET MANAGEMENT
204 N ROBINSON, STE 900
OKLAHOMA CITY OK 73102-6806

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

Name	Code	Depth
1 PRUE	404PRUE	3580

Spacing Orders: No Spacing

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202102440
202102439

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 8624 Ground Elevation: 868

Surface Casing: 200

Depth to base of Treatable Water-Bearing FM: 150

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-38011
H. (Other) CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
Type of Mud System: WATER BASED
Chlorides Max: 5000 Average: 3000
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: VANOSS

HORIZONTAL HOLE 1

Section: 16 Township: 14N Range: 5E Meridian: IM Total Length: 4694
County: LINCOLN Measured Total Depth: 8624
Spot Location of End Point: SW NE NE NW True Vertical Depth: 4000
Feet From: NORTH 1/4 Section Line: 350 End Point Location from
Feet From: WEST 1/4 Section Line: 2304 Lease, Unit, or Property Line: 350

NOTES:

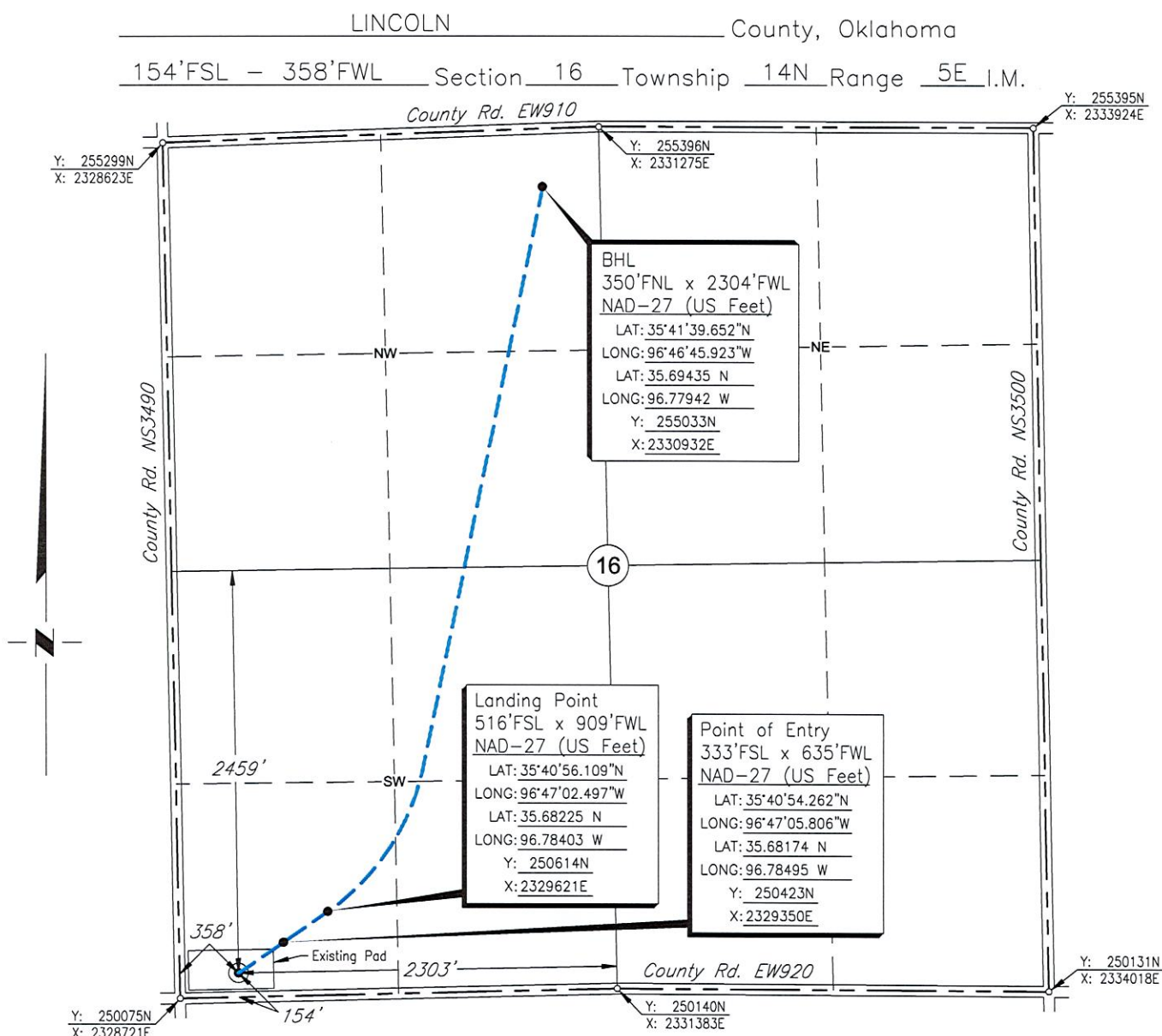
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
HYDRAULIC FRACTURING	<p>[12/30/2021 - 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>
PENDING CD - 202102439	<p>[12/30/2021 - GC2] - (I.O.)(320)(HOR) W2 16-14N-5E EST PRUE COMPL. INT. NCT 660' FB (COEXIST SPACING ORDER # 20514; ORDER # 106509 NW4) REC. 11/30/2021 (MYLES)</p>
PENDING CD - 202102440	<p>[12/30/2021 - GC2] - (I.O.) W2 16-14N-5E X202102439 PRUE COMPL. INT. NCT 330' FSL, NCT 330' FNL, NCT 330' FWL, NCT 330' FEL NO OP NAMED REC. 11/30/2021 (MYLES)</p>



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

1530 SW 89TH STREET, Bldg. C3
OKLAHOMA CITY, OK
(405) 692-7348
CIMSURVEY.COM



Scale: 1"= 1000'

Date Staked: August 6, 2021

GPS Observation: Latitude 35°40'52.413" N
Longitude 96°47'09.144" W
Latitude 35.68123 N
Longitude 96.78587 W

State Plane NAD27 Y: 250233N
Oklahoma North Zone: X:2329077E

Operator: PRAIRIE GAS

Elevation: 868'

Lease Name: HOGAN

Well No.: 1-16HP

Topography & Vegetation: Existing Pad

Alternate Location Stakes Set: No

Good Drill Site? Yes

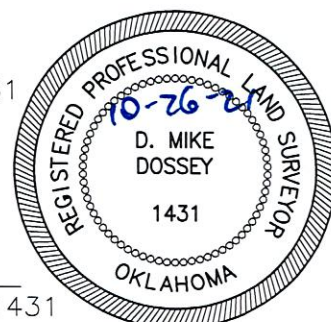
Best Accessibility to Location: From the South Line

Distance & Direction

from Hwy Jct or Town: From the town of Davenport; Thence south approx. 1 2/3 miles;
Thence west 1 mile to the SW Corner of Section 16.

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.: 2114176D				
DATE: 09/02/21				
DRAWN BY: T.A.W.	NO.	REVISION	DATE	BY

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



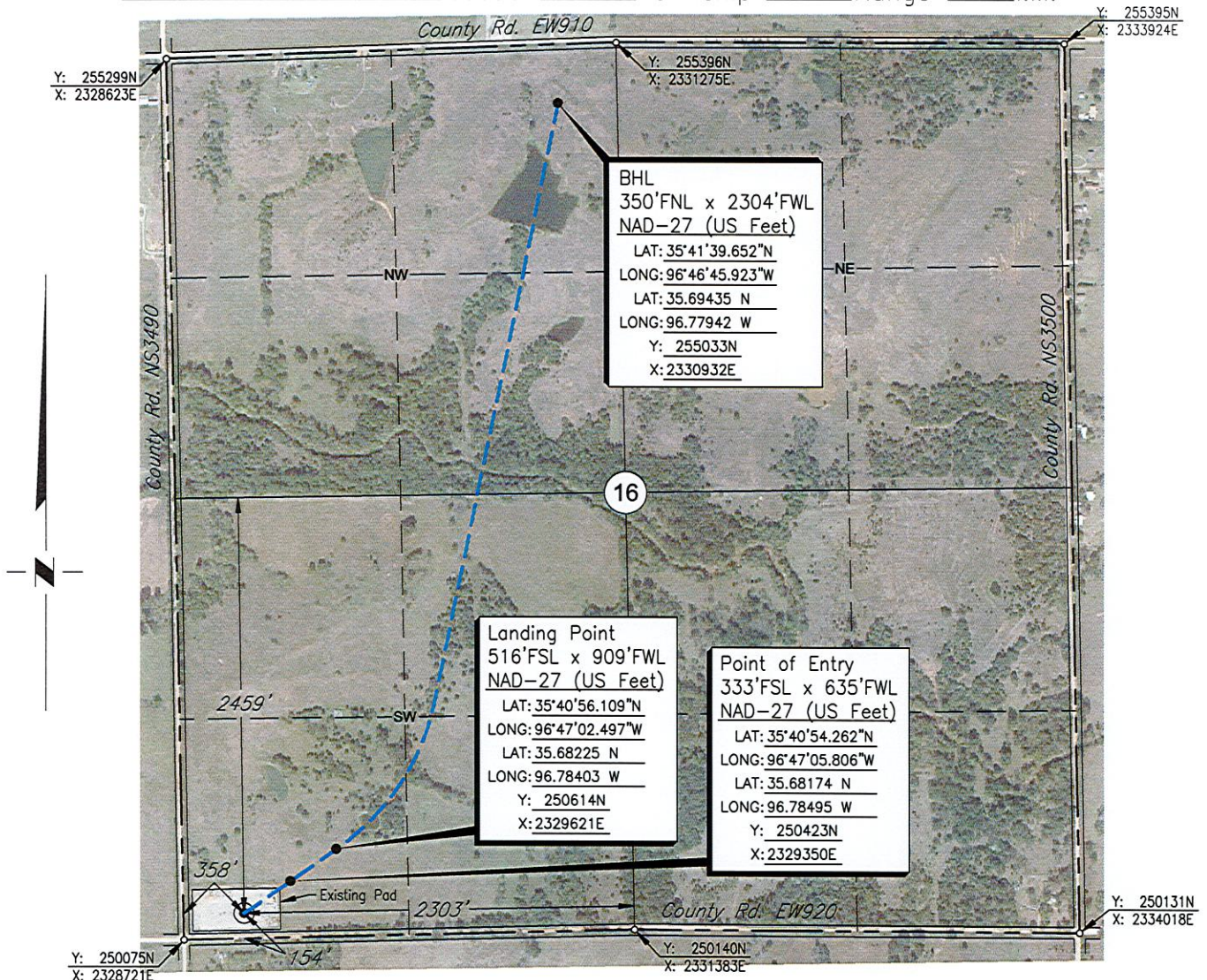
CIMARRON[®]
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires JUNE 30, 2022

1530 SW 89TH STREET, Bldg. C3
OKLAHOMA CITY, OK
(405) 692-7348
cimsurvey.com

LINCOLN

County, Oklahoma

154'FSL - 358'FWL Section 16 Township 14N Range 5E I.M.



Scale: 1" = 1000'

Date Staked: August 6, 2021

GPS Observation: Latitude 35°40'52.413" N
Longitude 96°47'09.144" W
Latitude 35.68123 N
Longitude 96.78587 W

State Plane NAD27 Y: 250233N
Oklahoma North Zone: X:2329077E

Operator: PRAIRIE GAS

Elevation: 868'

Lease Name: HOGAN

Well No.: 1-16HP

Topography & Vegetation: Existing Pad

Alternate Location Stakes Set: No

Good Drill Site? Yes

Best Accessibility to Location: From the South Line

Distance & Direction

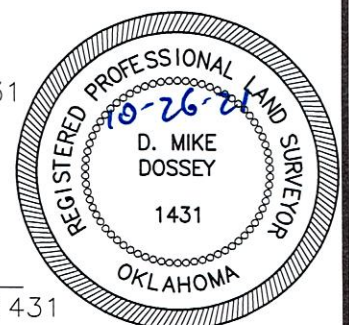
from Hwy Jct or Town: From the town of Davenport; Thence south approx. 1 2/3 miles;
Thence west 1 mile to the SW Corner of Section 16.

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.: 2114176D_AERIAL				
DATE: 09/02/21				
DRAWN BY: T.A.W.	NO.	REVISION	DATE	BY

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





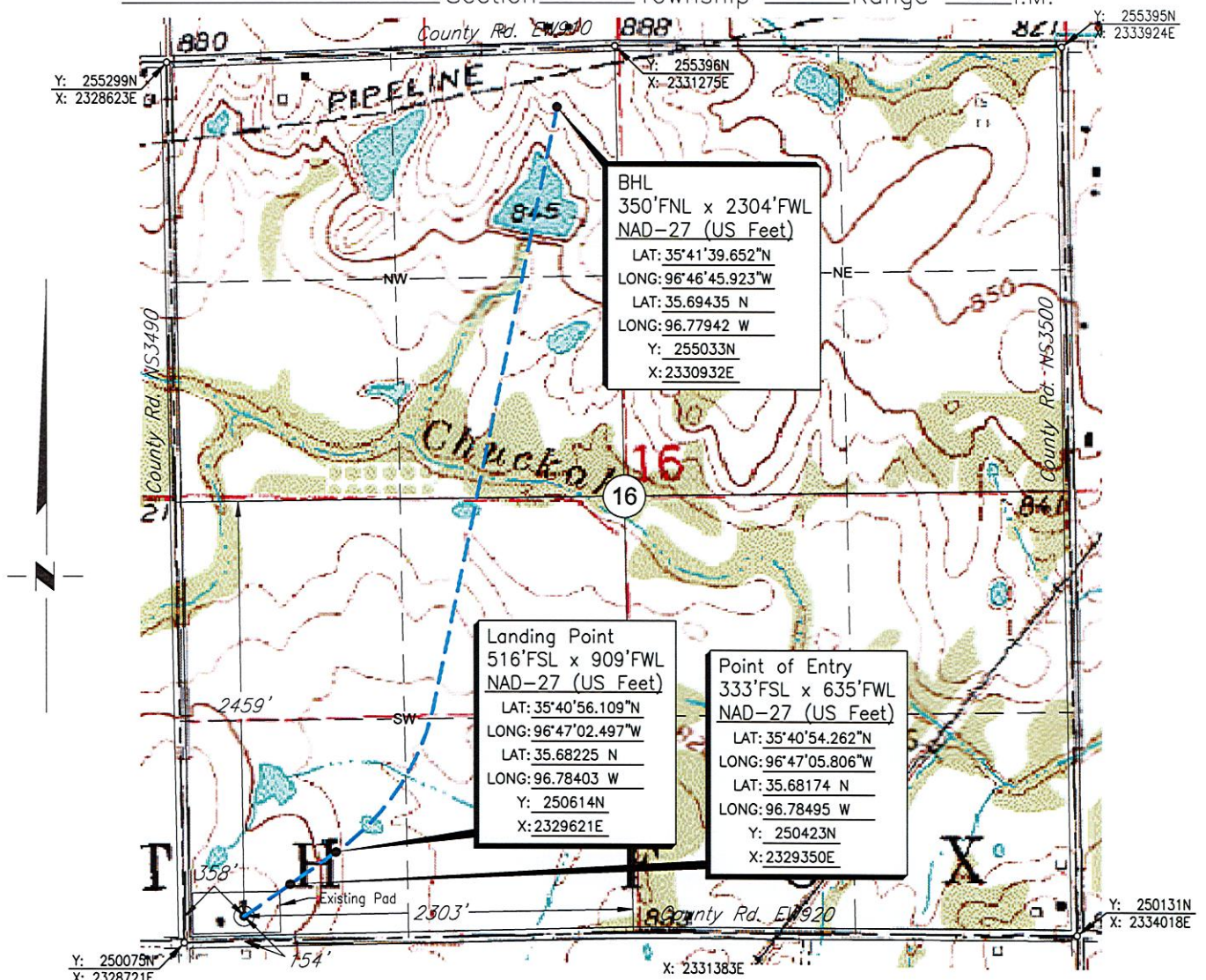
CIMARRON[®]
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires JUNE 30, 2022

1530 SW 89TH STREET, Bldg. C7
OKLAHOMA CITY, OK
(405) 692-7348
cimsurvey.com

LINCOLN

County, Oklahoma

154'FSL - 358'FWL Section 16 Township 14N Range 5E I.M.



Scale: 1" = 1000'

Date Staked: August 6, 2021

GPS Observation: Latitude 35°40'52.413" N
Longitude 96°47'09.144" W
Latitude 35.68123 N
Longitude 96.78587 W

State Plane NAD27 Y: 250233N
Oklahoma North Zone: X: 2329077E

Operator: PRAIRIE GAS

Elevation: 868'

Lease Name: HOGAN

Well No.: 1-16HP

Topography & Vegetation: Existing Pad

Alternate Location Stakes Set: No

Good Drill Site? Yes

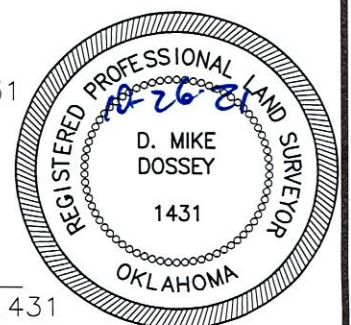
Best Accessibility to Location: From the South Line

Distance & Direction

from Hwy Jct or Town: From the town of Davenport; Thence south approx. 1 2/3 miles;
Thence west 1 mile to the SW Corner of Section 16.

SURVEYOR'S CERTIFICATE:

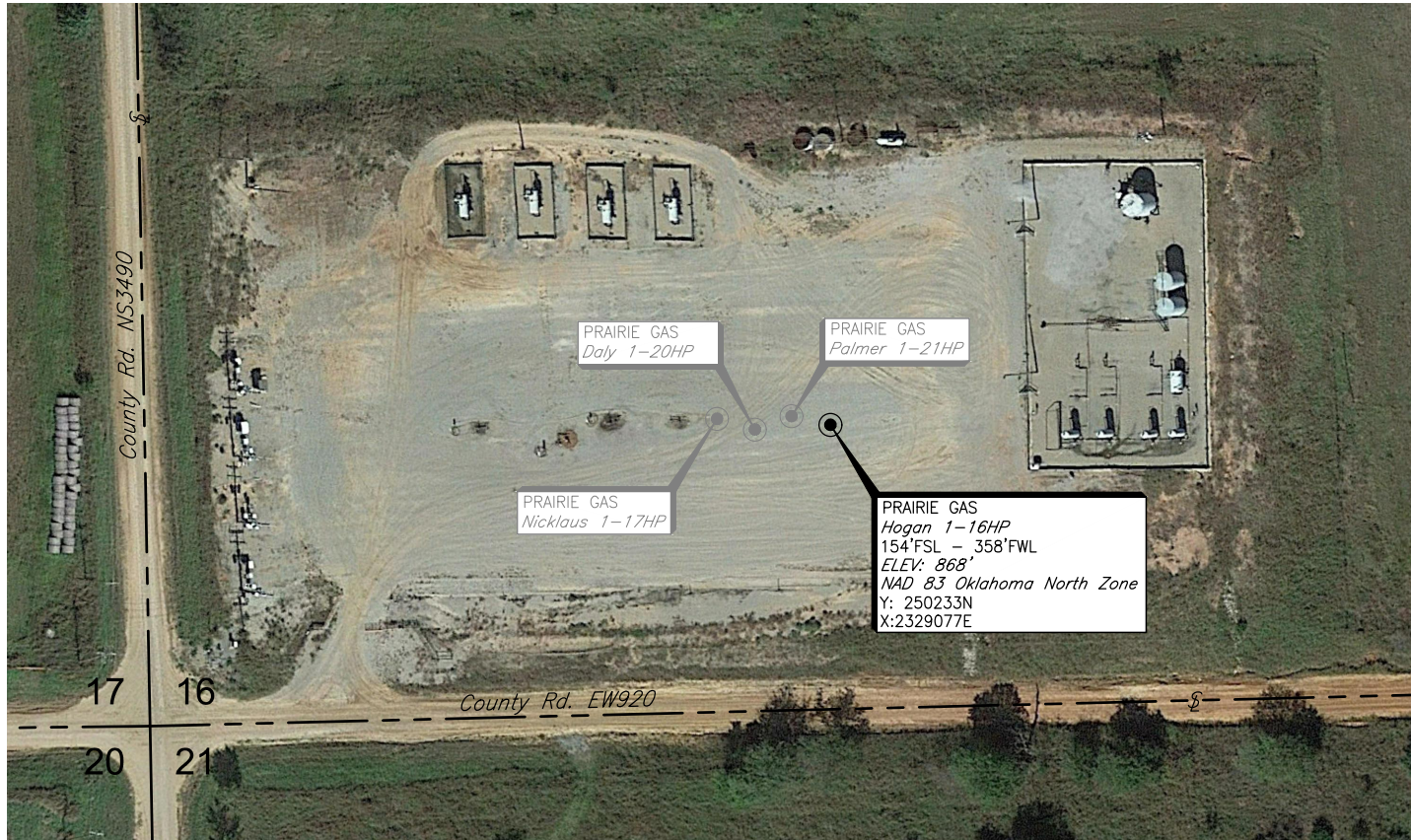
I, D. MIKE DOSSEY, Registered Professional Land Surveyor, No. 1431 do hereby certify that the above described well location was carefully staked on the ground as shown and that all ties and distances shown are from existing lines of occupation.



JOB NO.: 2114176D_TOPO				
DATE: 09/02/21				
DRAWN BY: T.A.W.	NO.	REVISION	DATE	BY

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

T 14 N - R 5 E



NOTES:

- This drawing is for the purpose of depicting a pad area and does not represent a boundary survey.

**PLAT SHOWING
EXISTING PAD AREA IN THE
SW/4 OF SECTION 16, T14N - R5E
LINCOLN COUNTY, OKLAHOMA**

NO.	REVISION	DATE	BY
SURVEYED BY: D.D.			
DRAWN BY: T.A.W.			
APPROVED BY: D.M.D.			

PRAIRIE GAS



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

1530 SW 89th STREET, Bldg. C3
OKLAHOMA CITY, OK
(405) 692-7748
WWW.CIMSURVEY.COM

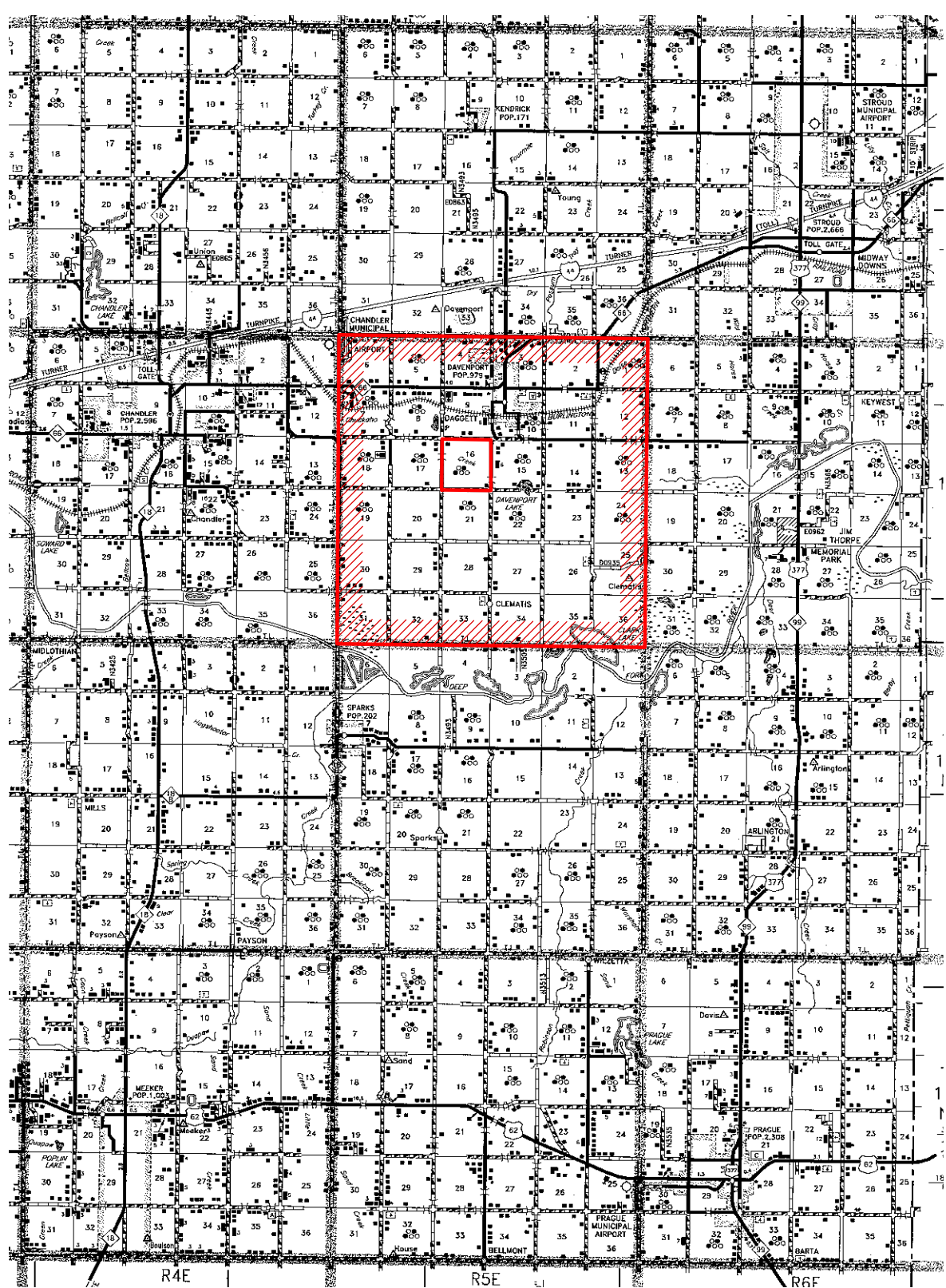
SCALE: 1"=100'
DATE: 09/02/21
JOB NO.: 2114176
DWG. NO.: 2114.176D_PAD
AFE. NO:
SHEET 1 OF 1

T 15 N

T 14 N

T 13 N

T 12 N



R 4 E

R 5 E

R 6 E

PLAT SHOWING
VICINITY MAP FOR
SECTION 16, T14N - R5E
LINCOLN COUNTY, OKLAHOMA

NO.	REVISION	DATE	BY
SURVEYED BY: D.D.			
DRAWN BY: T.A.W.			
APPROVED BY: D.M.D.			



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

1530 SW 89th STREET, Bldg. C3
Oklahoma City, OK
(405) 692-7348
WWW.CIMSURVEY.COM

SCALE:	1" = 3 Miles
DATE:	09/02/21
JOB NO.:	2114176
DWG. NO.:	2114.176_VMAP
AFE. NO.:	
SHEET	1 OF 1