

HARRISON COUNTY, TEXAS

1000 0 1000 2000 3000
GRAPHIC SCALE - FEET

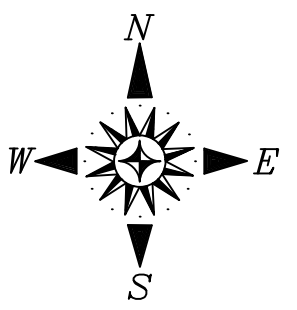
**LUCINDA WALLACE SURVEY,
A - 744**

**SEBASTIAN C. GARNER SURVEY,
A - 276**

**HENRY HARPER SURVEY,
A - 11**

**FRANCIS O'NEAL SURVEY,
A - 527**

Hartley Deep HV Gas Unit		
1	T.E. Hartley	68.70 Acres
1A	T.E. Hartley	17.30 Acres
2	Thomas E. Hartley, et al	20.00 Acres
3	Frank Timmons, et al	30.00 Acres
4	B.G. Patterson, et al	51.40 Acres
5	B.G. Patterson, et al	56.25 Acres
6	Larry Williams	60.00 Acres
7	Myrtle S. Rogers	20.00 Acres
8	Carolyn Abney, et al	83.00 Acres
9	B.G. Patterson, et al	70.67 Acres
10	R.K. Allen, et al	14.00 Acres
11	Reba Ash, et al	32.00 Acres
12	Dr. H.O. Padgett, et al	53.00 Acres
13	Sarah Sinclair, et al	30.00 Acres
14	Leanna Raven	5.00 Acres
TOTAL:		611.32 Acres



Point of Penetration:
N=Y= 296386.3
E=X= 3019916.8
Latitude: 32° 26' 14.041"
Longitude: 94° 11' 37.062"
NAD 1927

**BENJAMIN F. HOOPER SURVEY,
A - 296**

First Take Point:
N=Y= 295738.2
E=X= 3020178.4
Latitude: 32° 26' 07.549"
Longitude: 94° 11' 34.249"
NAD 1927

Surface Location:
Hartley HV Unit B 2H
N=Y= 295976.5
E=X= 3020002.3
Latitude: 32° 26' 09.961"
Longitude: 94° 11' 36.215"
NAD 1927
Elev.: 386.5'

Proposed Lateral:	
SHL to POP	= 419'
POP to FTP	= 699'
FTP to LTP	= 7297'
LTP to BHL	= 95'
SHL to BHL	= 8510'
Total Footages:	
Hartley Deep HV Gas Unit:	4404'
Bishop-Raven HV Unit:	2893'
NPZ Footages:	
Hartley Deep HV Gas Unit:	2421'
Bishop-Raven HV Unit:	1185'
Perforated Footages:	
Hartley Deep HV Gas Unit:	1983'
Bishop-Raven HV Unit:	1708'

Last Take Point:
N=Y= 288970.8
E=X= 3022909.8
Latitude: 32° 24' 59.761"
Longitude: 94° 11' 04.885"
NAD 1927

Bottom Hole:
N=Y= 288882.7
E=X= 3022945.3
Latitude: 32° 24' 58.879"
Longitude: 94° 11' 04.504"
NAD 1927

Bishop-Raven HV Unit		
1	John Phillips, et al	3.000 Acres
2	John Phillips, et al	3.000 Acres
3	John Phillips, et al	3.000 Acres
4	John Phillips, et al	17.000 Acres
5A	Jeff Smith	53.000 Acres
5B	Jeff Smith	26.500 Acres
6	Thomas Raven Estate	50.000 Acres
7	Thomas Raven	34.930 Acres
8	Henry Leffall	21.820 Acres
9	Henry Leffall	30.200 Acres
10	George Bishop	80.080 Acres
11	Mt. Pleasant Church	5.740 Acres
12	Tom Brown	1.980 Acres
13	John Leffall	1.890 Acres
14	Nathaniel Leffall	7.620 Acres
15	John Leffall	2.460 Acres
16	John Leffall	12.550 Acres
17	Jane Turner	18.800 Acres
18	Michael J. Sonnier	20.043 Acres
19	Lonnie R. Smith, et ux	5.500 Acres
20	The Nancy R. Mackey Family Trust, LTD, et al	2.840 Acres
21	The Nancy R. Mackey Family Trust, LTD, et al	2.840 Acres
22	The Nancy R. Mackey Family Trust, LTD, et al	5.520 Acres
23	The Nancy R. Mackey Family Trust, LTD, et al	11.050 Acres
24	The Estate of Bailey C. Moseley, Deceased, et al	24.913 Acres
25	W.T. Tucker, Jr., et al	46.500 Acres
26	W.T. Tucker, Jr., et al	6.090 Acres
27	W.T. Tucker, Jr.	2.740 Acres
28	Cara V. Lockett	8.210 Acres
29	Oscar Fisher, et al	3.350 Acres
30	W.T. Tucker, Jr.	2.864 Acres
31	Scarlett River, LLC	3.109 Acres
32	Ann Jean Flanagan, et al	3.320 Acres
33	John L. Fisher, et al	1.243 Acres
34	Joseph L. Bogany, et al	2.487 Acres
35	James Allen, Jr., et al	2.073 Acres
36	Georgia Lee Oler	2.073 Acres
37	Elysian Fields Independent School District, Trustee	1.865 Acres
38	Albert Ray Need	0.701 Acres
39	Marvin Johnson, et al	0.701 Acres
40	Donnie Ray Nedd, et al	0.701 Acres
41	Bobby D. Browning, et al	3.040 Acres
TOTAL:		537.343 Acres

Surface Location is situated approximately 5 miles North of Elysian Fields, Texas.

Bearings and Coordinates are based on the State Plane Coordinate System, NAD 1927, Texas North Central Zone.

NOTE: This plot does not, in any way, represent a "Boundary Survey," and does not comply with current T.B.P.L.S. Minimum Standards of Practice for Boundary Surveys. Acreages shown herein were furnished by others. The information contained on this plot is intended for the sole use of ROCKCLIFF ENERGY OPERATING LLC.

Surface Location:
Located 1312 feet from the East line and 2362 feet from the North line of the HENRY HARPER SURVEY, A - 11, HARRISON COUNTY, TEXAS.
Also located 514 feet from a West line and 431 feet from a North line of the 1148.663 ACRE UNIT.

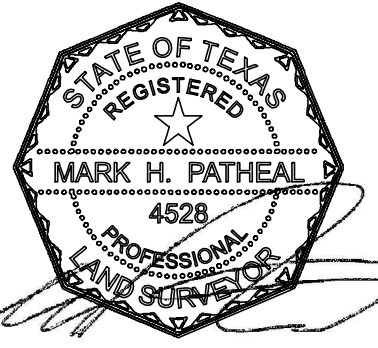
Penetration Point:
Located 599 feet from a West line and 20 feet from a North line of the 1148.663 ACRE UNIT.

First Take Point:
Located 581 feet from a West line and 799 feet from a North line of the 1148.663 ACRE UNIT.

Last Take Point:
Located 1205 feet from an East line and 359 feet from a South line of the 1148.663 ACRE UNIT.

Bottom Hole:
Located 1204 feet from the East line and 4177 feet from the South line of the HENRY HARPER SURVEY, A - 11, HARRISON COUNTY, TEXAS.
Also located 1204 feet from an East line and 264 feet from a South line of the 1148.663 ACRE UNIT.

I, Mark H. Patheal, do hereby certify that the above described surface location was staked on the ground, under my supervision, as shown hereon. Subsurface data provided by others.



Mark H. Patheal, R.P.L.S. #4528

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903.471.8391
TBPLS Firm No. 10120600

Scale: 1" = 1000'
Date: 11/27/2023
Ground Elev.: 386.5'
Job No.: 220593
File No.: 11-32HV2
FW/DF by: CC/KNG

PLAT SHOWING:
**PROPOSED WELL LOCATION
ROCKCLIFF ENERGY OPERATING LLC
HARTLEY HV UNIT B 2H**