



FRANE SURVEYING INC.

Physical Address: 34834 Annie Cir.
Mail to: Box 2372, Elizabeth, CO 80107
Ph. 303-243-0037
www.franesurveying.com
Job # 17-018-Mary Jane 13-5

Frane Surveying, in accordance with a request from **Nighthawk Energy** has determined the location of **Mary Jane 13-5** to be **982 feet FSL**, and **658 feet FWL**, (90° off Section lines) of **SECTION 5**, Township **7s**, Range **54w** of the 6th Principal Meridian, **Lincoln County**, Colorado.

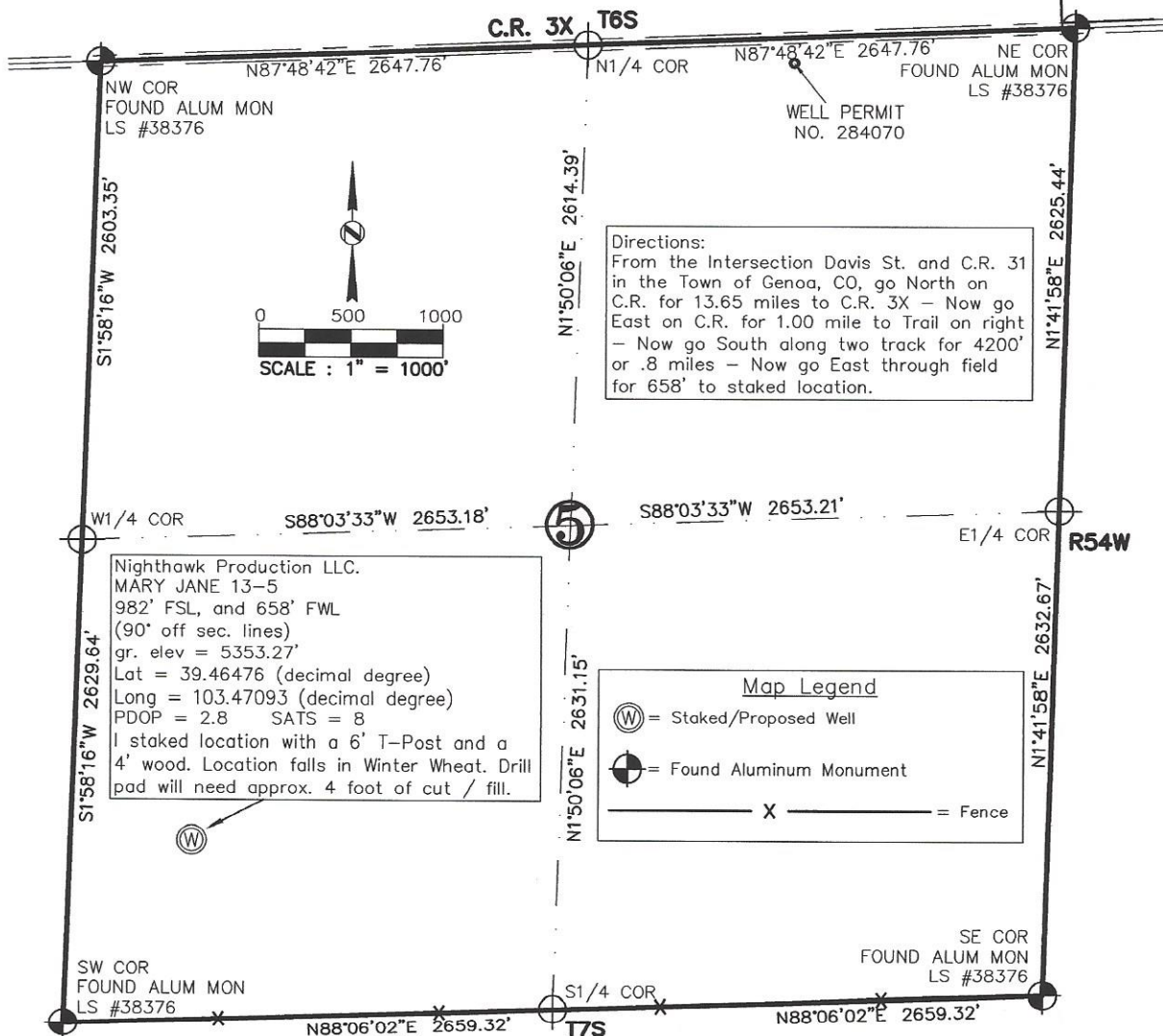
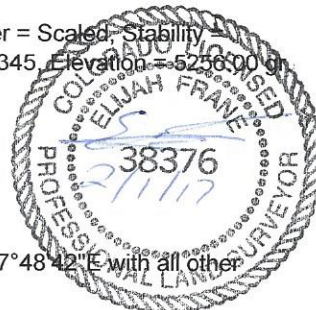
Date: Staked on 01/31/17 drawn on 02/01/17.

Re: Staked by Elijah Frane
Drawn: Drawn by Elijah Frane

Basis of Elevation Spot: USGS BM = TETLOW, PID = KJ0482, H-Order = Adjusted, V-Order = Scaled, Stability = Unknown, P-DOP = 2.6, Sats = 7 US NAD 83 CO-C 502, Lat. = 39.55762, Long. = W103.43345, Elevation = 5256.00 gr (us FT).

Notes: See location drawing for improvements within 500' of proposed well pad / head..
The ground elevation at staked location = 5353.27' gr.
This drawing does not represent a monumented survey or Land Survey Plat.

Basis of Bearing: Bearings were determined based on the North line of Section 5 to bear N87°48'42"E with all other bearings contained herein relative thereto.





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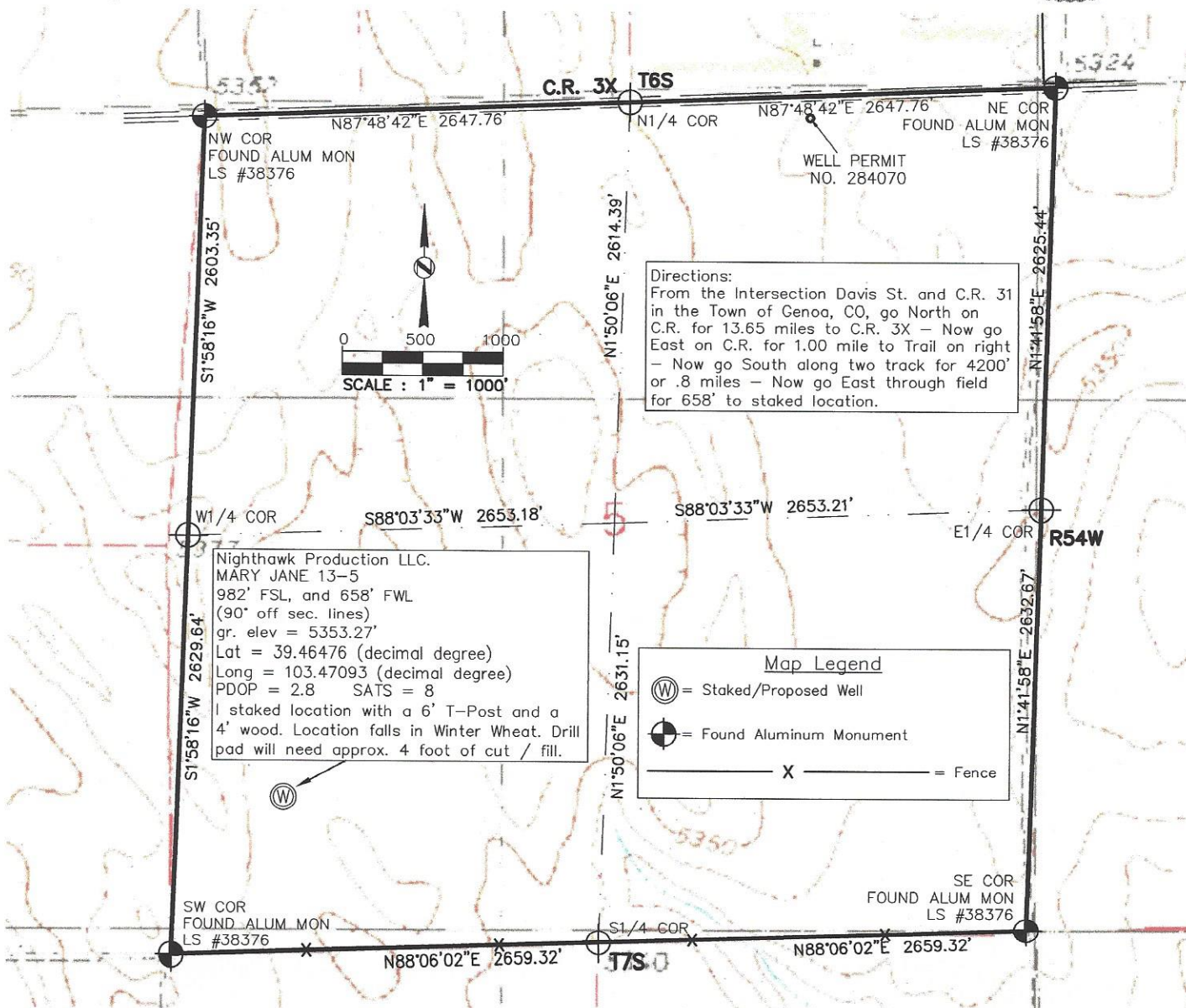
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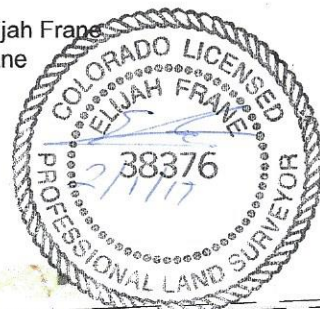
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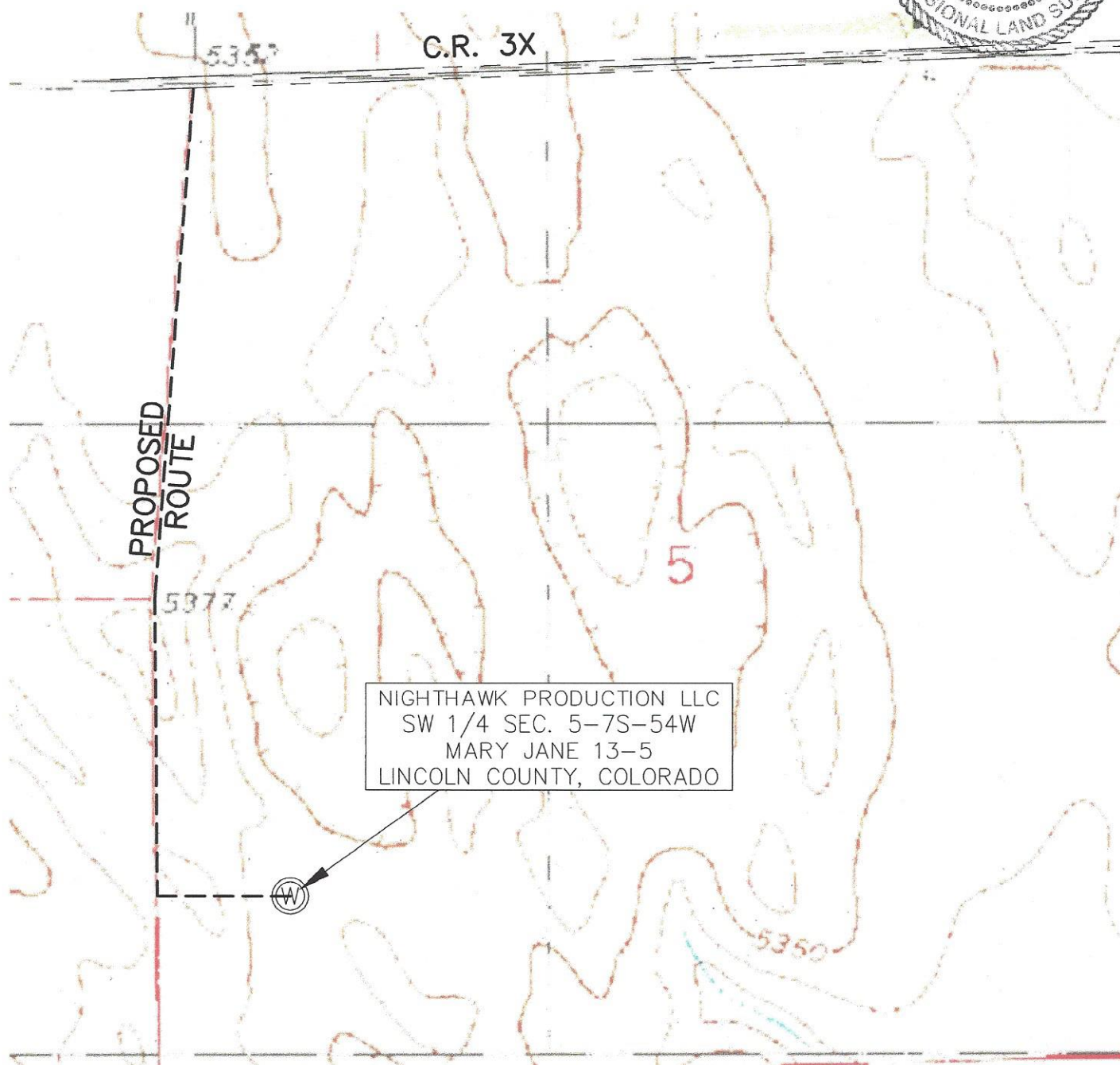
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Access Road Map





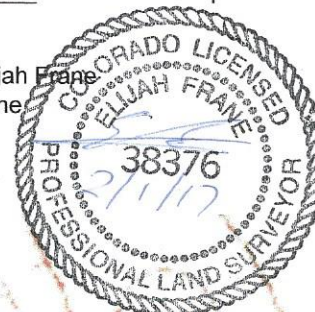
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1000' Hydrology Map

There are no apparent surface water or riparian areas within 1000' of proposed well pad. Water well, Permit #73960 falls approx. 1904' Northeast of proposed well head.

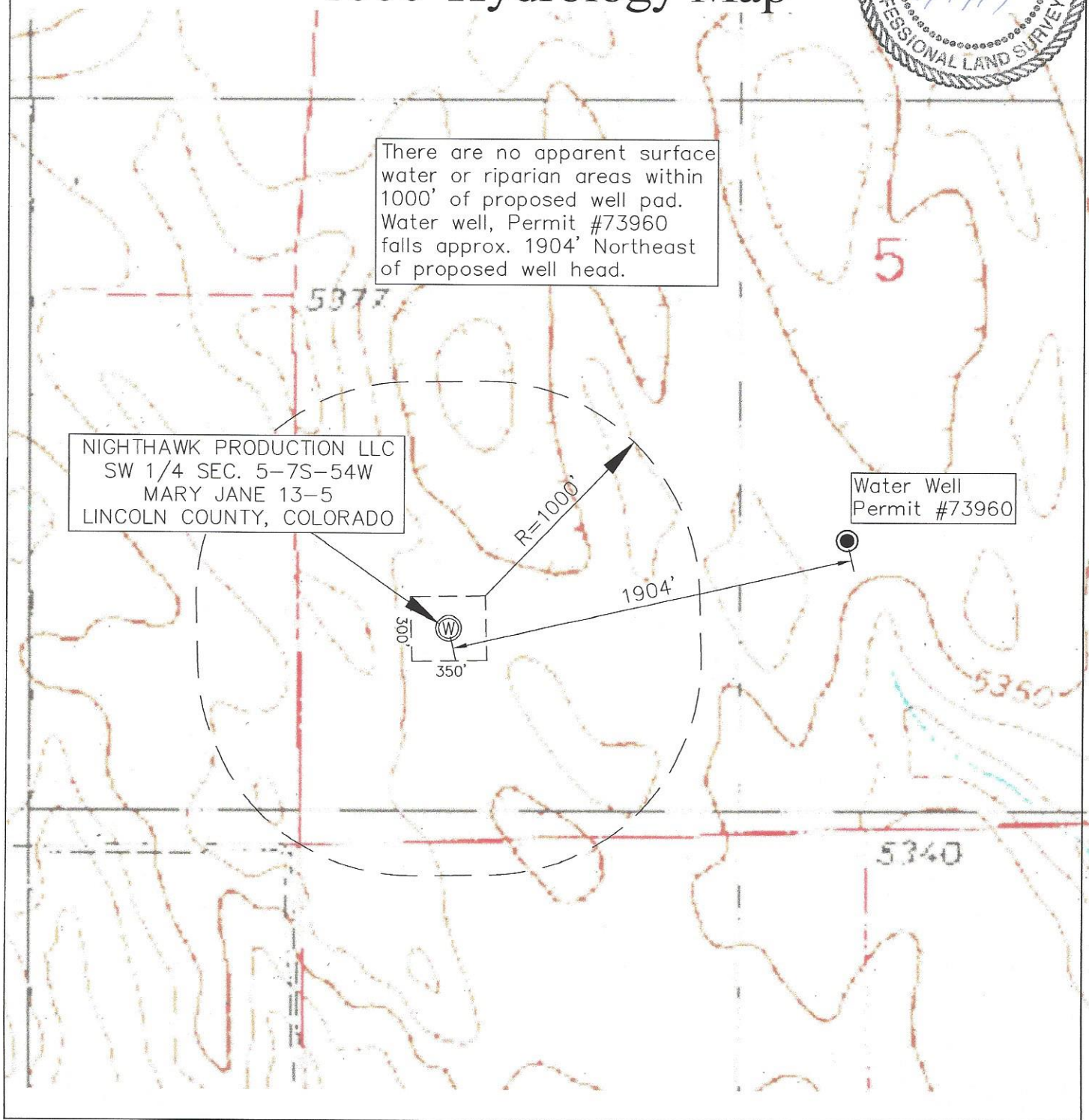
NIGHTHAWK PRODUCTION LLC
SW 1/4 SEC. 5-7S-54W
MARY JANE 13-5
LINCOLN COUNTY, COLORADO

Water Well
Permit #73960



R=1000'

1904'





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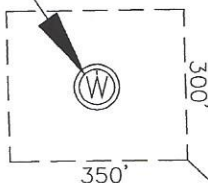
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500' Location Drawing

There are no apparent improvements within 500' of proposed well pad.

NIGHTHAWK PRODUCTION LLC
SW 1/4 SEC. 5-7S-54W
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Topo Exhibit



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MARY JANE 13-5
LINCOLN COUNTY, COLORADO

