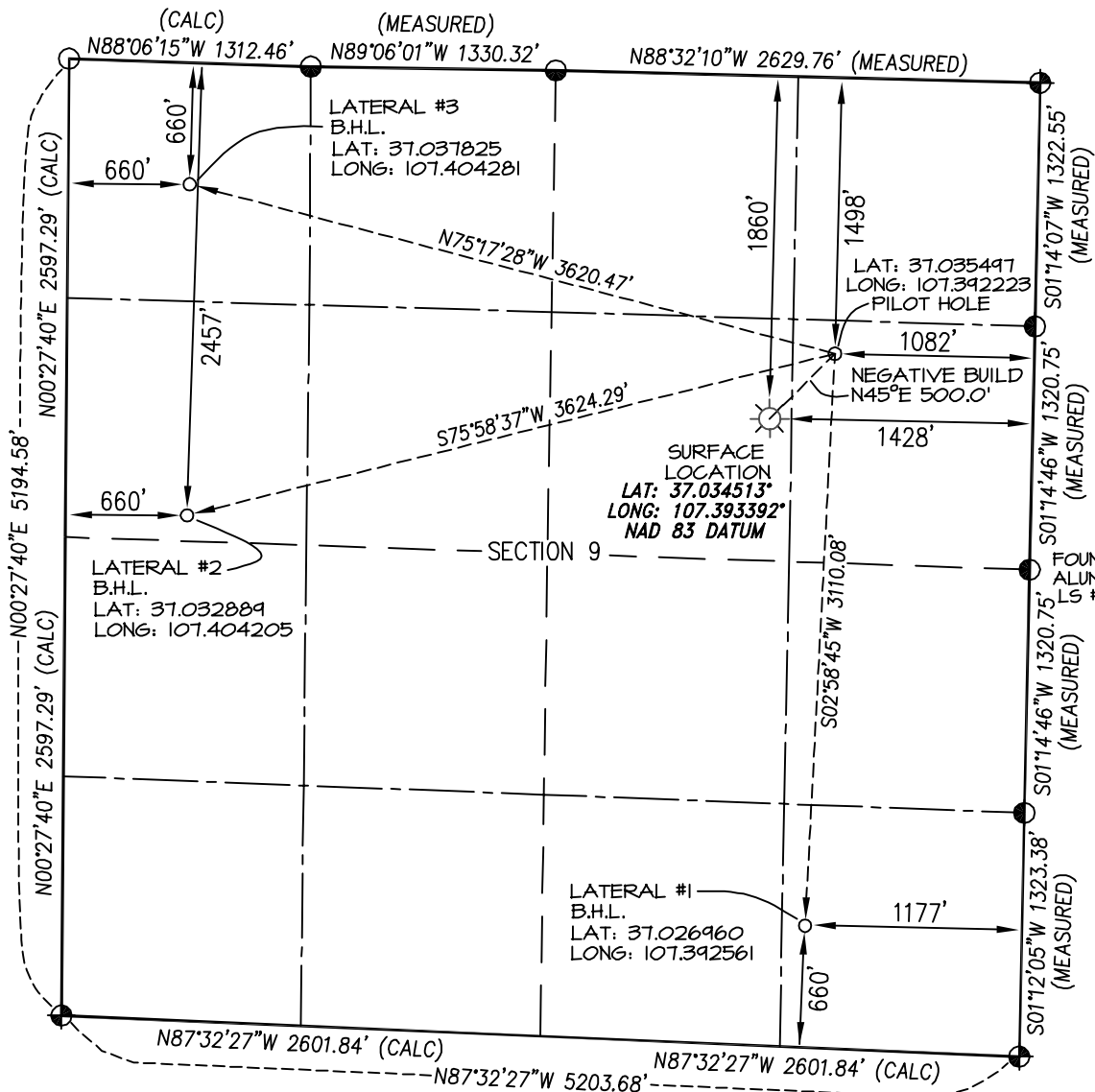


RED WILLOW PRODUCTION COMPANY
NORTH CARRACAS 32-5 #9C-3

SURFACE LOCATION: 1860' FNL, 1428' FEL
SEC. 9, T-32-N, R-05-W, N.M.P.M., ARCHULETA COUNTY, COLORADO.
GROUND LEVEL ELEVATION: 6150'

LATERAL #1 BOTTOM HOLE LOCATION: 990' FSL, 1177' FEL
LATERAL #2 BOTTOM HOLE LOCATION: 2457' FNL, 660' FWL
LATERAL #3 BOTTOM HOLE LOCATION: 660' FNL, 660' FWL

GRAPHIC SCALE 1"=1000'



BASIS OF BEARING:

REAL-TIME KINEMATIC GPS SURVEY
SOLUTION OF CO SOUTH STATE
PLANE (NAD 83) COORDINATE GRID
-NO ROTATION OR SCALE FACTOR APPLIED-

BASIS OF ELEVATION

U.S.G.S. TRIANGULATION STATION "REX" LOCATED IN THE
SW 4 SW 4 OF SECTION 17, T32N, R6W, N.M.P.M., SAN JUAN
COUNTY NM. REFERENCE ELEVATION = 6820'

NOTES:

1. WELL LOCATION FOOTAGE CALLS MEASURED PERPENDICULAR TO SECTION LINES.
2. SURFACE USE FOR THE LAND SURROUNDING THIS LOCATION IS PRIVATE GRAZING LAND.
3. THERE ARE VISIBLE IMPROVEMENTS WITHIN 500' OF WELL BORE LOCATION.
4. THERE ARE BUILDING UNITS, SURFACE WATERS, OR RIPARIAN AREAS WITHIN 1000' OF THE WELL BORE LOCATION.
5. THERE ARE NO PUBLIC ROADS, MAJOR ABOVE GROUND UTILITIES, OR RAILROADS WITHIN 200' OF THE WELL BORE LOCATION.
6. THERE ARE NO PROPERTY BOUNDARY LINES WITHIN 150' OF THE WELL BORE LOCATION.
7. WELL GPS OBSERVATION PERFORMED BY KENNY REA ON DATE OF SURVEY - PDOP VALUE = 2.02

○ denotes double proportion
calculated position - no monument
found or set.

⊕ and ⊙ denote found 3-1/4" B.L.M.
brass cap unless otherwise noted.



I, KENNETH E. REA, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE WELL LOCATION SHOWN ON THIS PLAT IS ACCURATELY PLOTTED FROM FIELD NOTES OF ACTUAL SURVEYS MADE UNDER MY DIRECT SUPERVISION, AND THAT THIS PLAT IS NOT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT, AND THAT IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING, OR OTHER FUTURE IMPROVEMENT LINES.

PREPARED FOR:

RED WILLOW PRODUCTION CO.

NORTHSTAR
SURVEYING & MAPPING, INC.

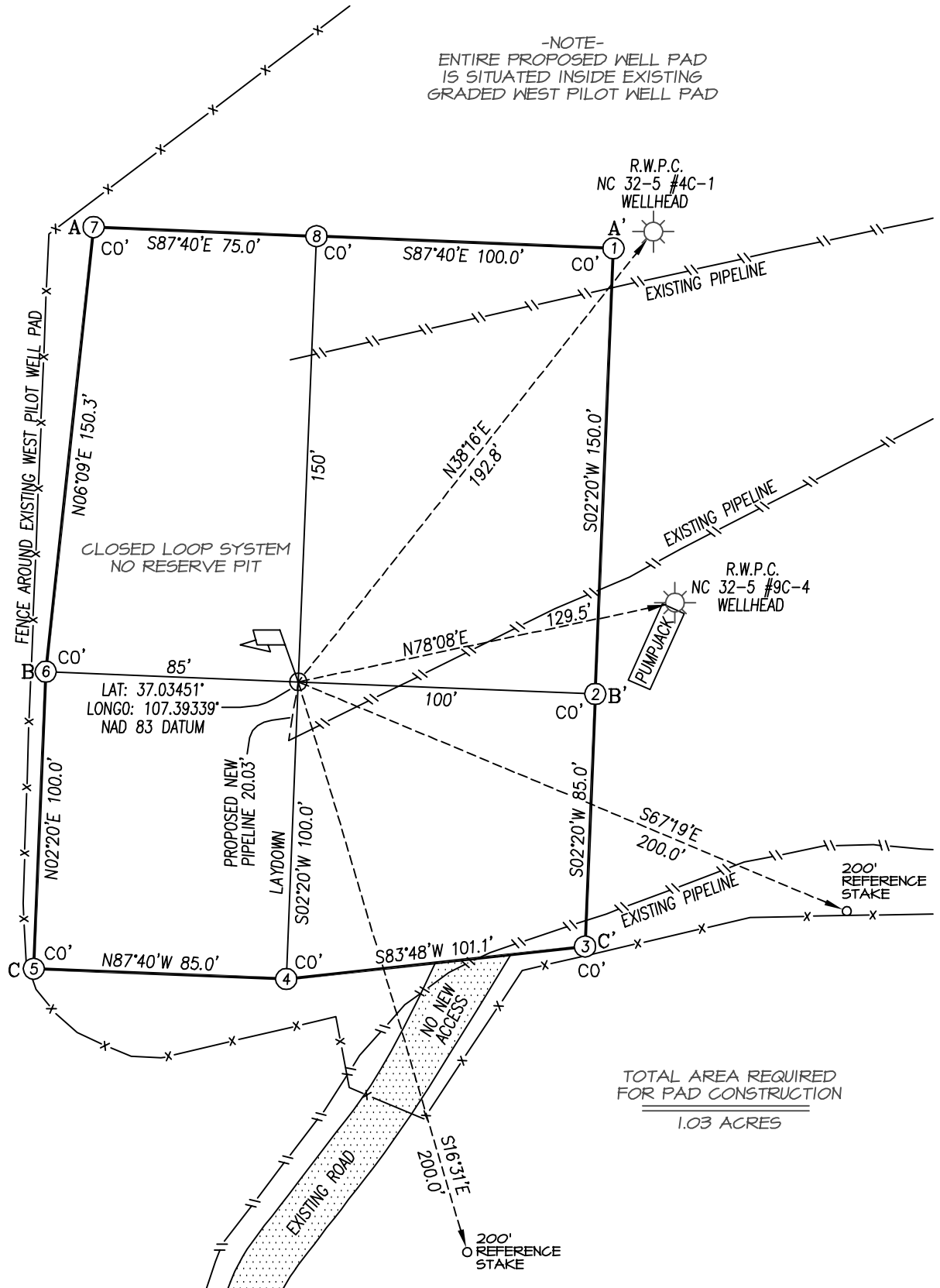
768 County Rd. 308
DURANGO, CO. 81303
(970) 385-0851

DRAWN BY: K.R. SURVEYED: 10/13/16
CHECKED BY: K.R. DRAWN: 10/25/16
FILE NO.: FW125WP JOB NO. RW125

RED WILLOW PRODUCTION COMPANY
NORTH CARRACAS 32-5 #9C-3
1860' FNL, 1428' FEL, SECTION 9, T-32-N, R-5-W, N.M.P.M.,
LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6150'

PAD DRAWING

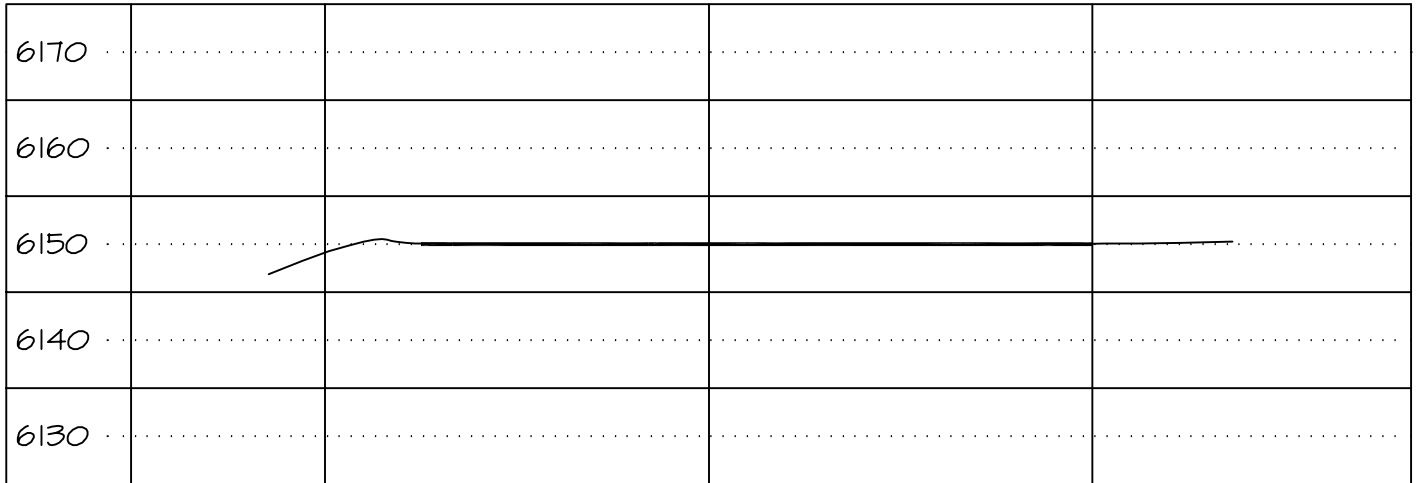
-NOTE-
 ENTIRE PROPOSED WELL PAD
 IS SITUATED INSIDE EXISTING
 GRADED WEST PILOT WELL PAD



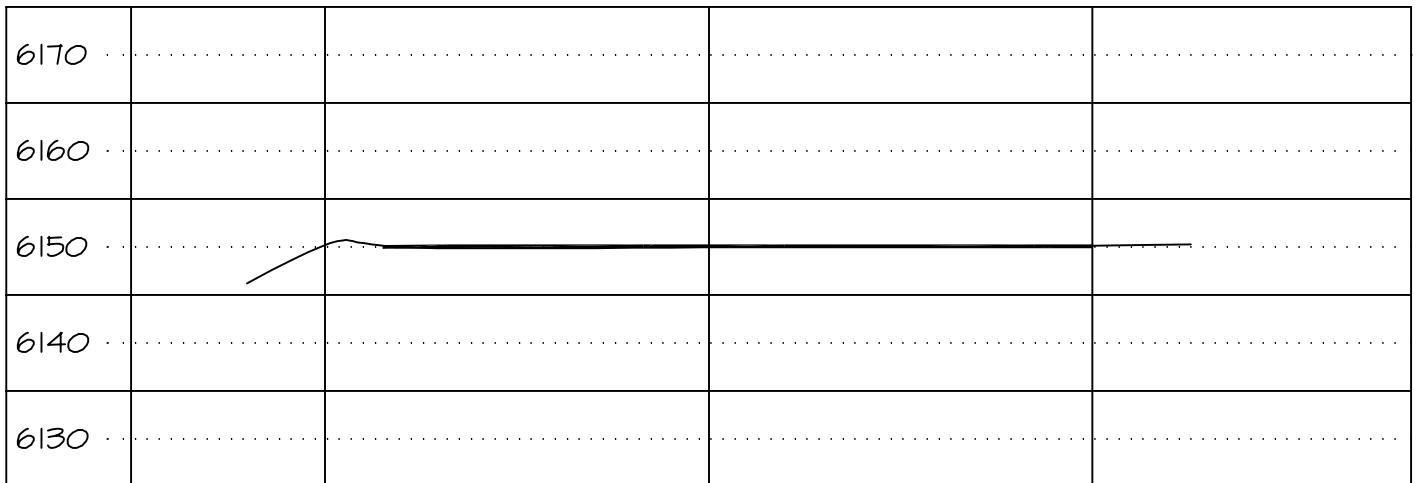
RED WILLOW PRODUCTION COMPANY
NORTH CARRACAS 32-5 #9C-3
1860' FNL, 1428' FEL, SECTION 9, T-32-N, R-5-W, N.M.P.M.,
LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6150'
PAD CROSS SECTION DETAIL

ELEV. A-A'

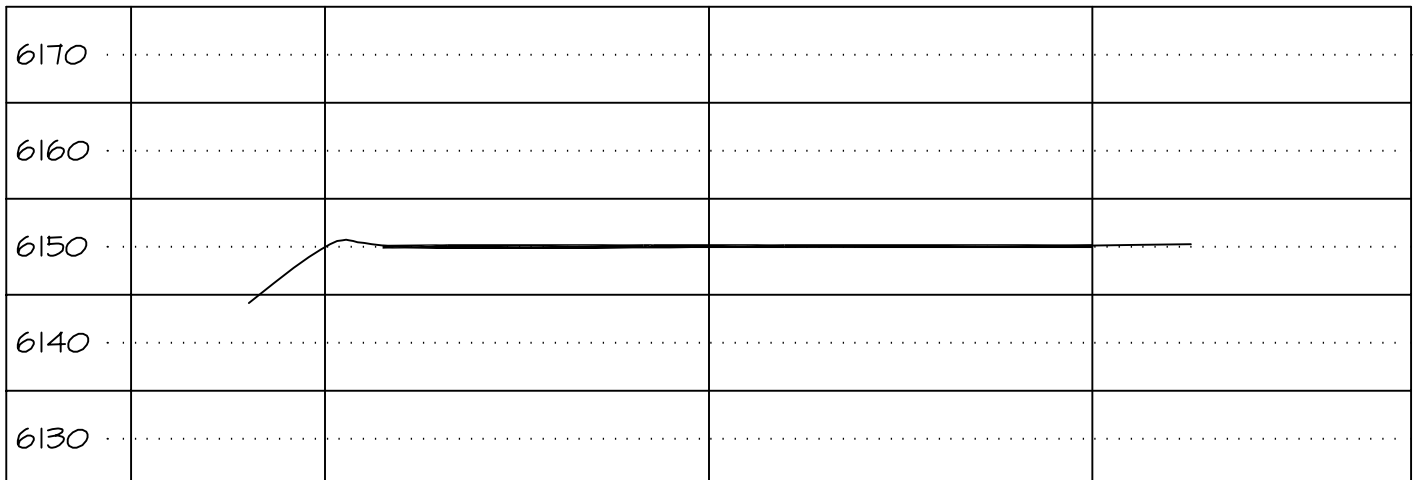
C/L



B-B'



C-C'



VERTICAL SCALE: 1" = 20' / HORIZONTAL SCALE: 1" = 50'

DATE DRAWN: 10/21/16

NORTHSTAR SURVEYING & MAPPING, INC.

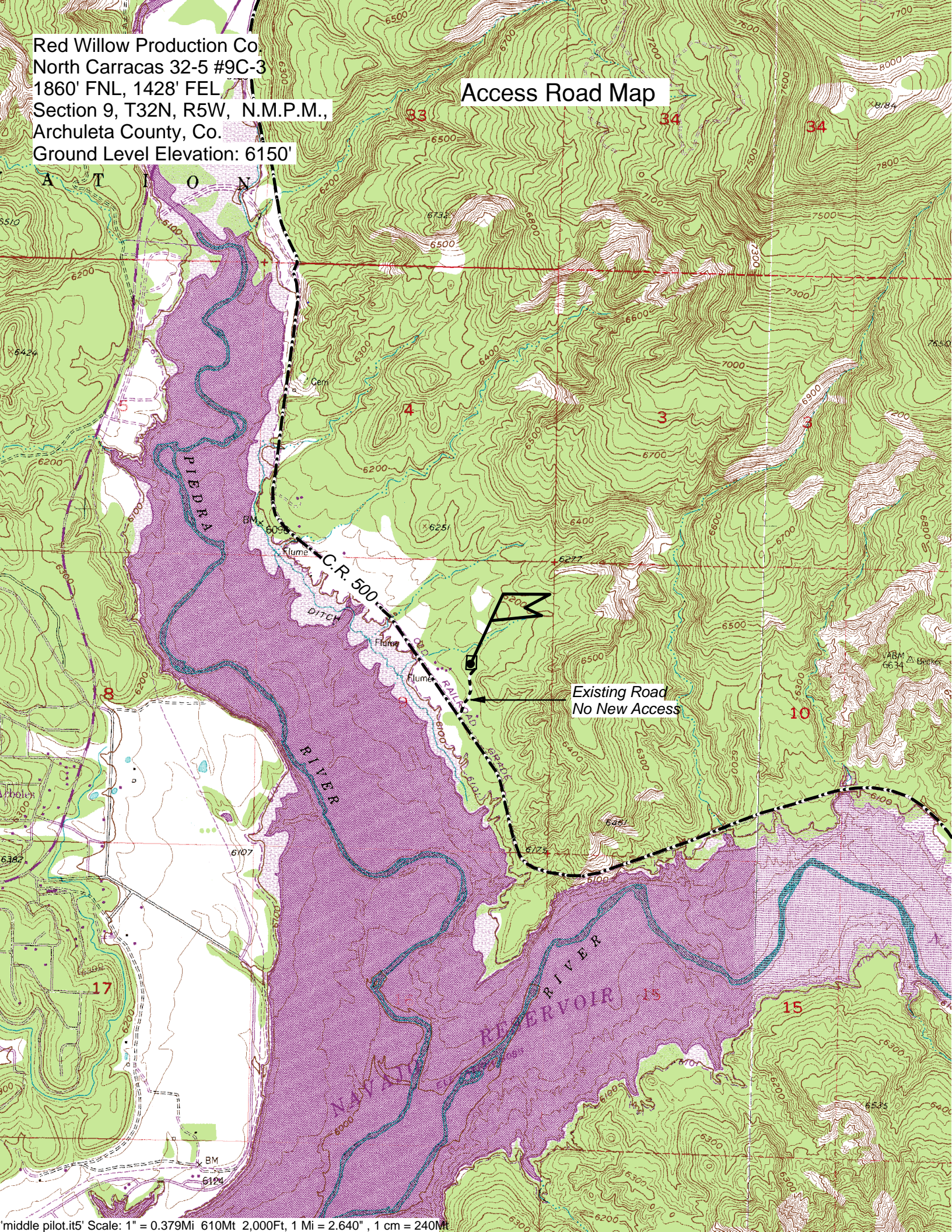
FILE NORW125CFB

DRAWN BY: K.R.

CHECKED BY: K.R.

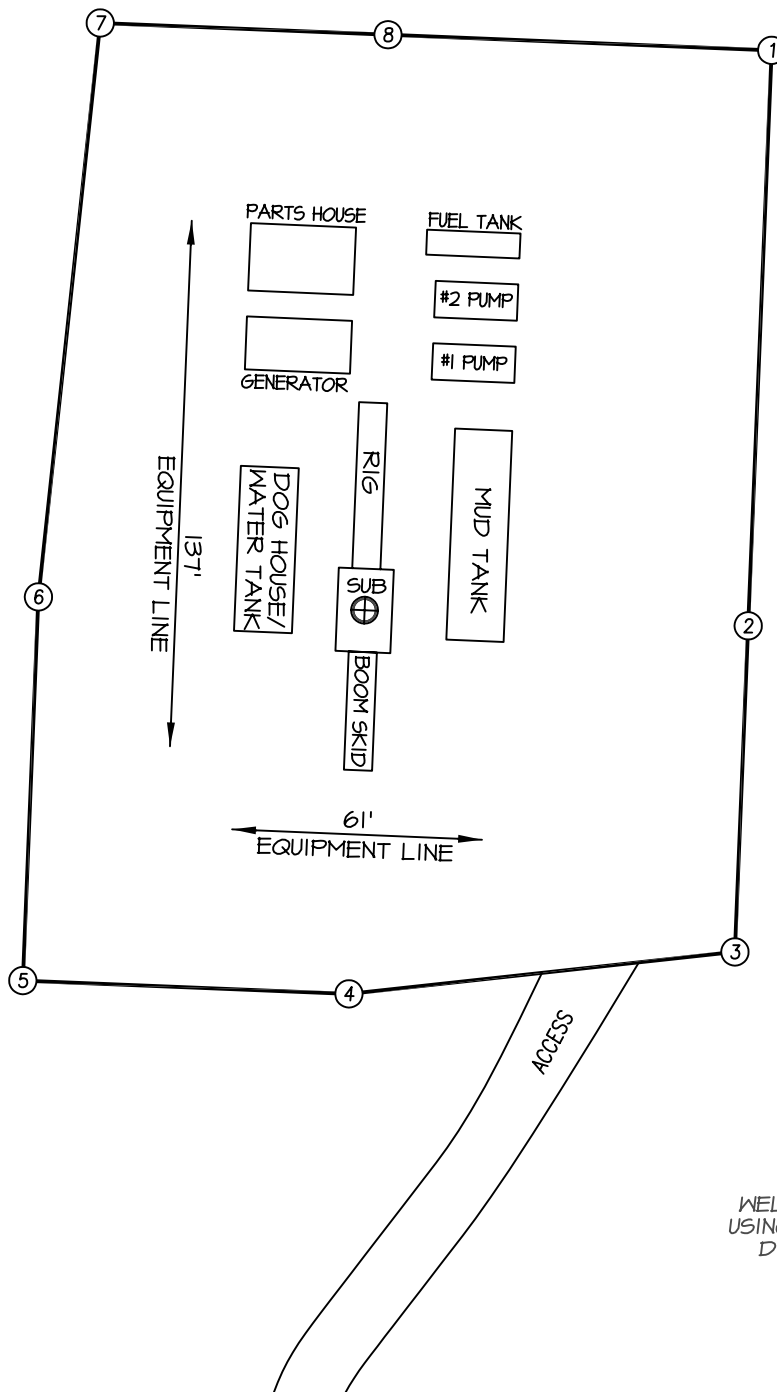
Red Willow Production Co.
North Carracas 32-5 #9C-3
1860' FNL, 1428' FEL
Section 9, T32N, R5W, N.M.P.M.,
Archuleta County, Co.
Ground Level Elevation: 6150'

Access Road Map



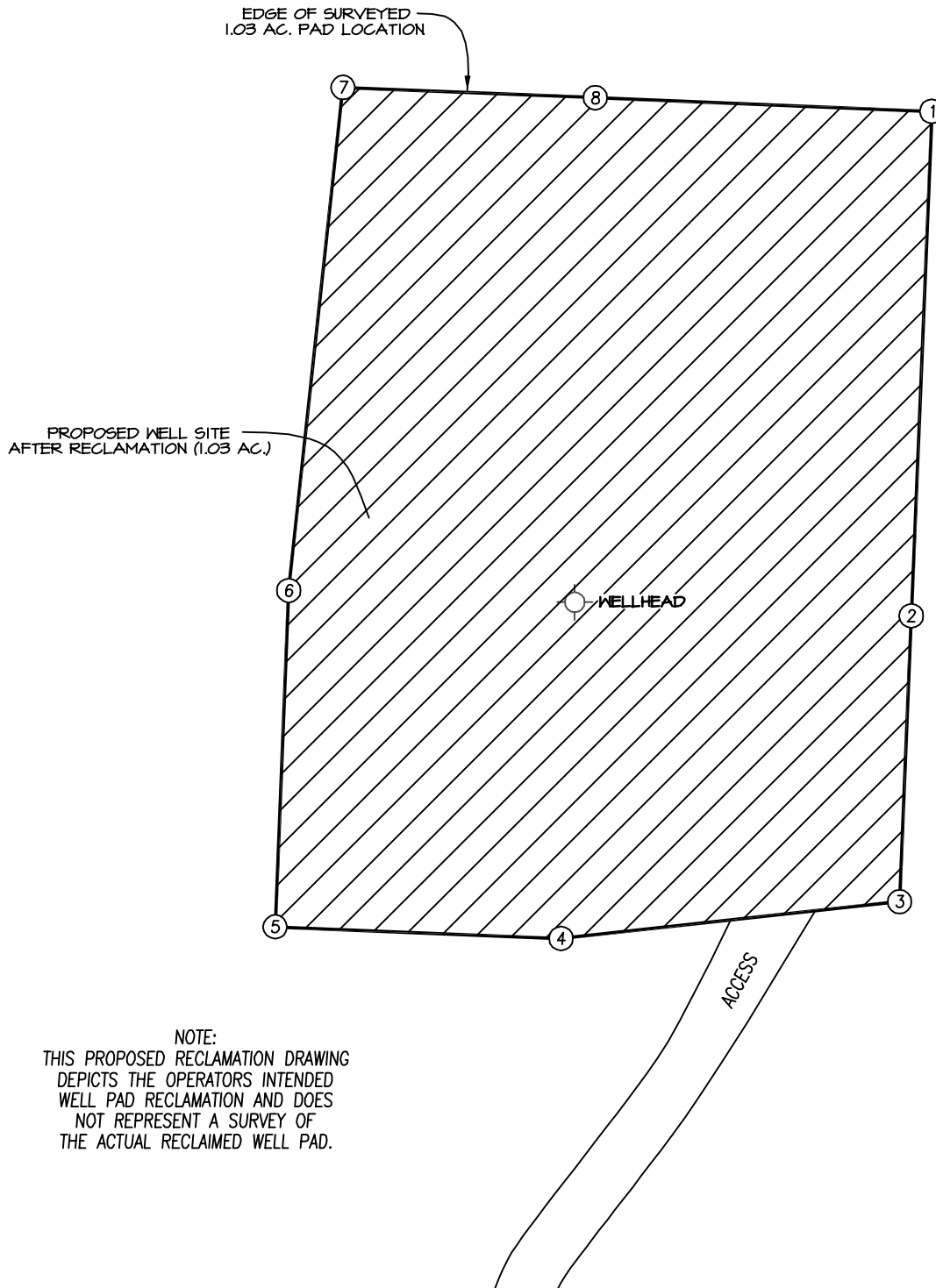
RED WILLOW PRODUCTION COMPANY
NORTH CARRACAS 32-5 #9C-3
1860' FNL, 1428' FEL, SECTION 9, T-32-N, R-5-W, N.M.P.M.,
LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6150'

RIG LAYOUT



RED WILLOW PRODUCTION COMPANY
NORTH CARRACAS 32-5 #9C-3
1860' FNL, 1428' FEL, SECTION 9, T-32-N, R-5-W, N.M.P.M.,
LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6150'

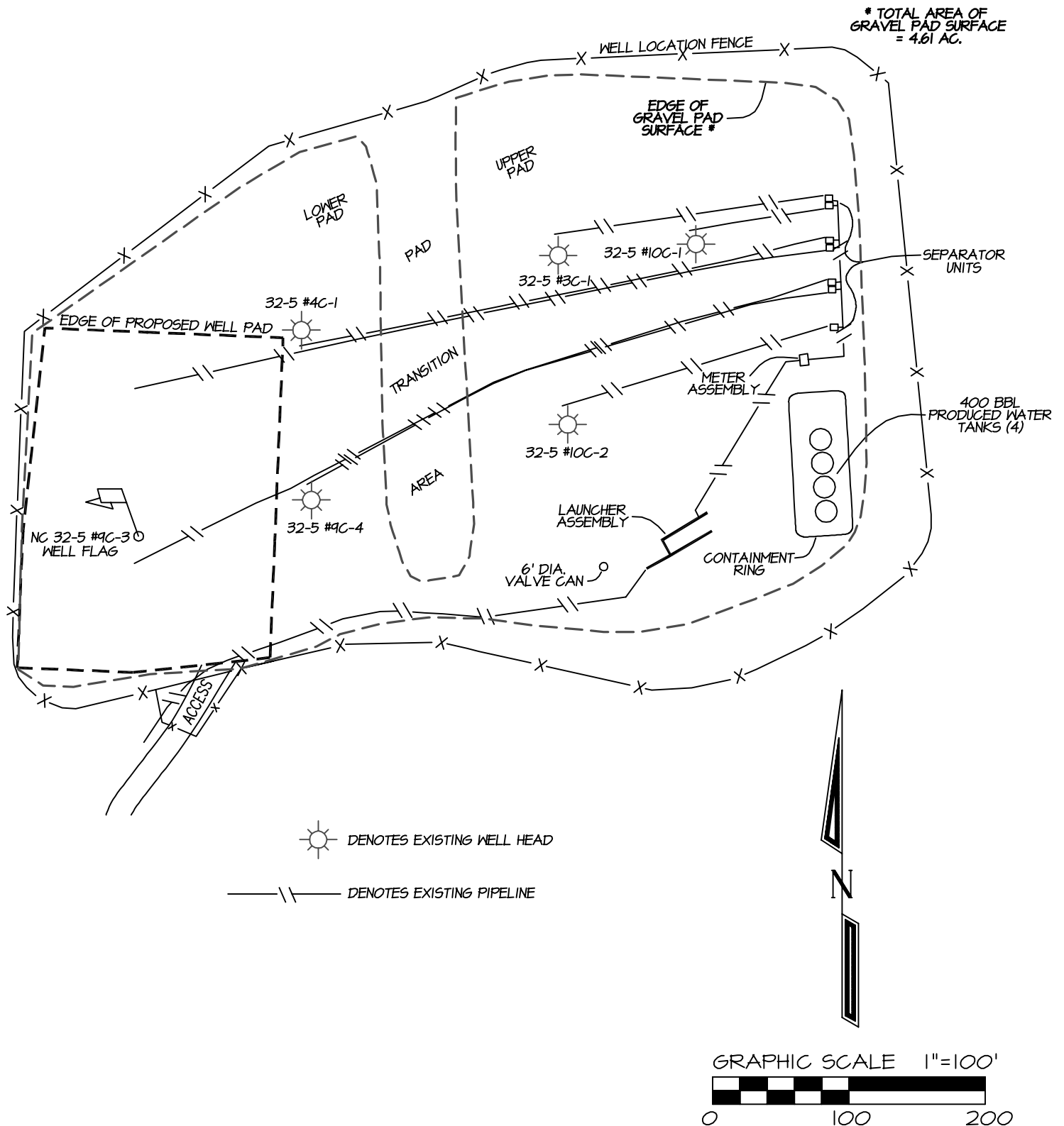
PROPOSED RECLAMATION DRAWING



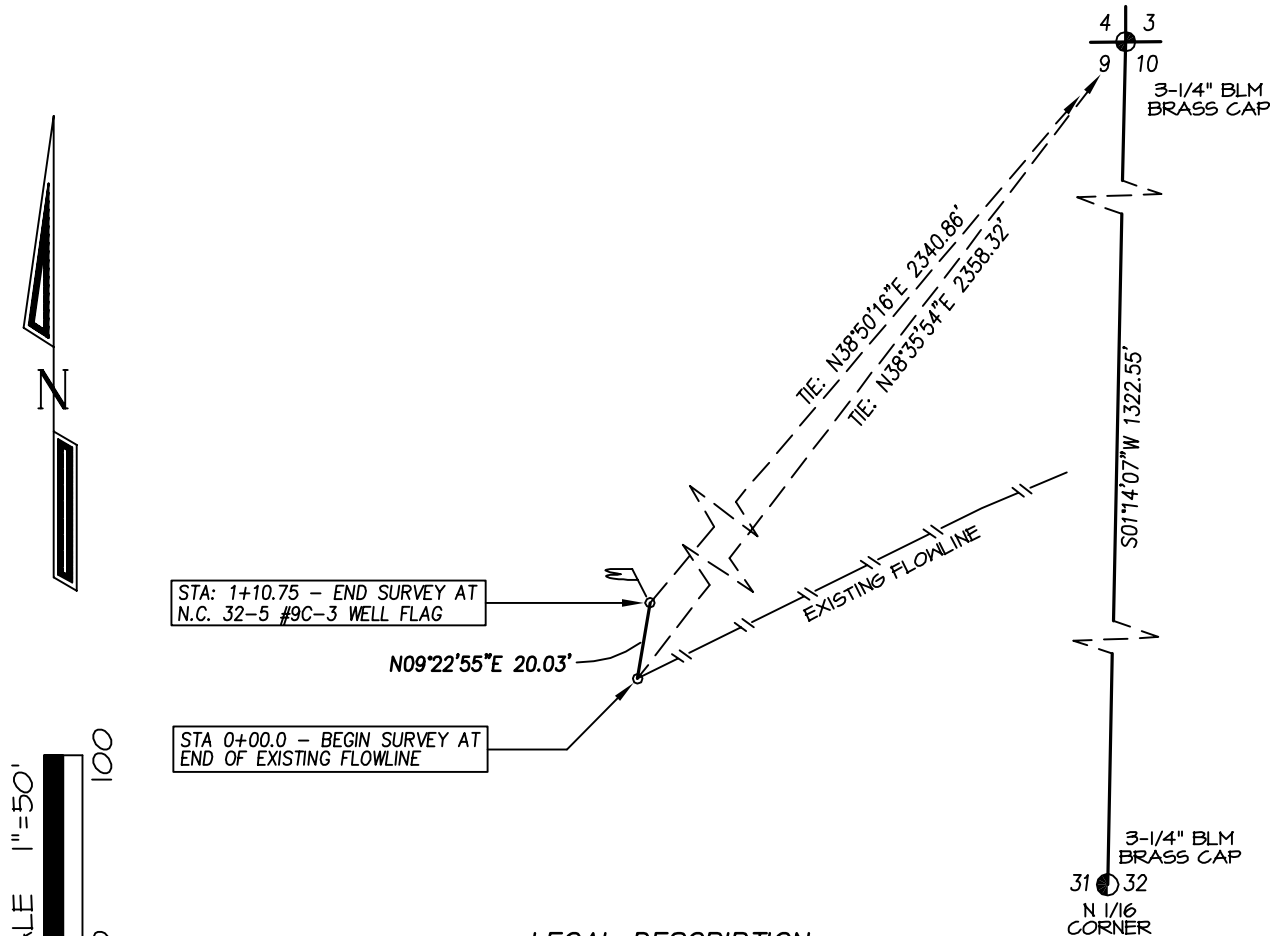
NOTE:
THIS PROPOSED RECLAMATION DRAWING
DEPICTS THE OPERATORS INTENDED
WELL PAD RECLAMATION AND DOES
NOT REPRESENT A SURVEY OF
THE ACTUAL RECLAIMED WELL PAD.

RED WILLOW PRODUCTION COMPANY
 NORTH CARRACAS 32-5 #9C-3
 1860' FNL, 1428' FEL, SECTION 9, T-32-N, R-5-W, N.M.P.M.,
 LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6150'

EXISTING WELL PAD / PRODUCTION EQUIPMENT DIAGRAM



RED WILLOW PRODUCTION COMPANY: NORTH CARRACAS 32-5 #9C-3
PIPELINE EASEMENT LOCATED IN THE SW/4 NE/4 OF SECTION 9,
T32N, R5W, N.M.P.M., ARCHULETA COUNTY, COLORADO



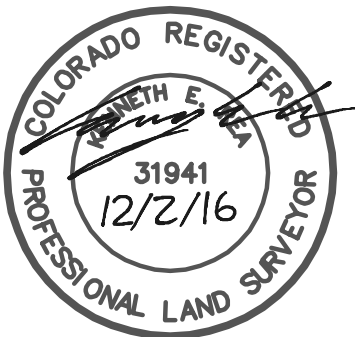
— LEGAL DESCRIPTION —

A pipeline easement being forty feet (40') wide located in the SW/4 NE/4 of Section 9, Township 32 North, Range 5 West, N.M.P.M., Archuleta County, Colorado. Said easement lying twenty feet (20') on each side of the following described centerline:

Beginning at the end of an existing gas flowline, whence the Northeast corner of said Section 9, being a 3-1/4" dia. BLM Brass Cap, bears N38°35'54"E a distance of 2358.32 feet.

Thence N09°22'55"E a distance of 20.03 feet, ending at Red Willow Production Company: North Carracas 32-5 #9C-3 well flag whence said Northeast corner of Section 9 bears N38°50'16"E a distance of 2340.86 feet.

Described easement being 20.03 feet in length & containing 0.02 acres, more or less.



BASIS OF BEARING:

REAL-TIME KINEMATIC GPS SURVEY
SOLUTION OF CO SOUTH STATE
PLANE (NAD 83) COORDINATE GRID
-NO ROTATION OR SCALE FACTOR APPLIED-

DRAWN BY: K.R.	SURVEYED: 10/13/16
CHECKED BY: K.R.	DRAWN: 10/29/16
FILE NO.: RW125PL	LOB NO. RW125

PREPARED FOR:

RED WILLOW PRODUCTION CO.

NORTHSTAR
SURVEYING & MAPPING, INC.

768 County Road 308
DURANGO, CO. 81303
(970) 385-0851

I, KENNETH E. REA, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE SURVEY REPRESENTED BY THIS PLAT WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT ACCURATELY REPRESENTS THIS SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Red Willow Production Company
North Carracas 32-5 #9C-3
1860' FNL, 1428' FEL, Section 9, T32N, R5W, La Plata County, Co.



Looking North



Looking East



Looking South



Looking West



Access at Well Location



Access at Road

All photos taken 10/13/2016

Directions from the Intersection of State Highway 172 & State Highway 151 in Ignacio, CO

to Red Willow Production Company: North Carracas 32-5 #9C-3

1860' FNL & 1428' FEL, Section 9, T32N, R5W, N.M.P.M., Archuleta County, CO.

From the Intersection of State Highway 172 & State Highway 151 in Ignacio, CO. travel East on State Hwy 151 for 19.7 miles;

Go right (East) for on Archuleta County Road #500 for 2.8 miles;

Go left (East) on gravel access road for 0.2 miles to staked well location on existing West Pilot well pad.