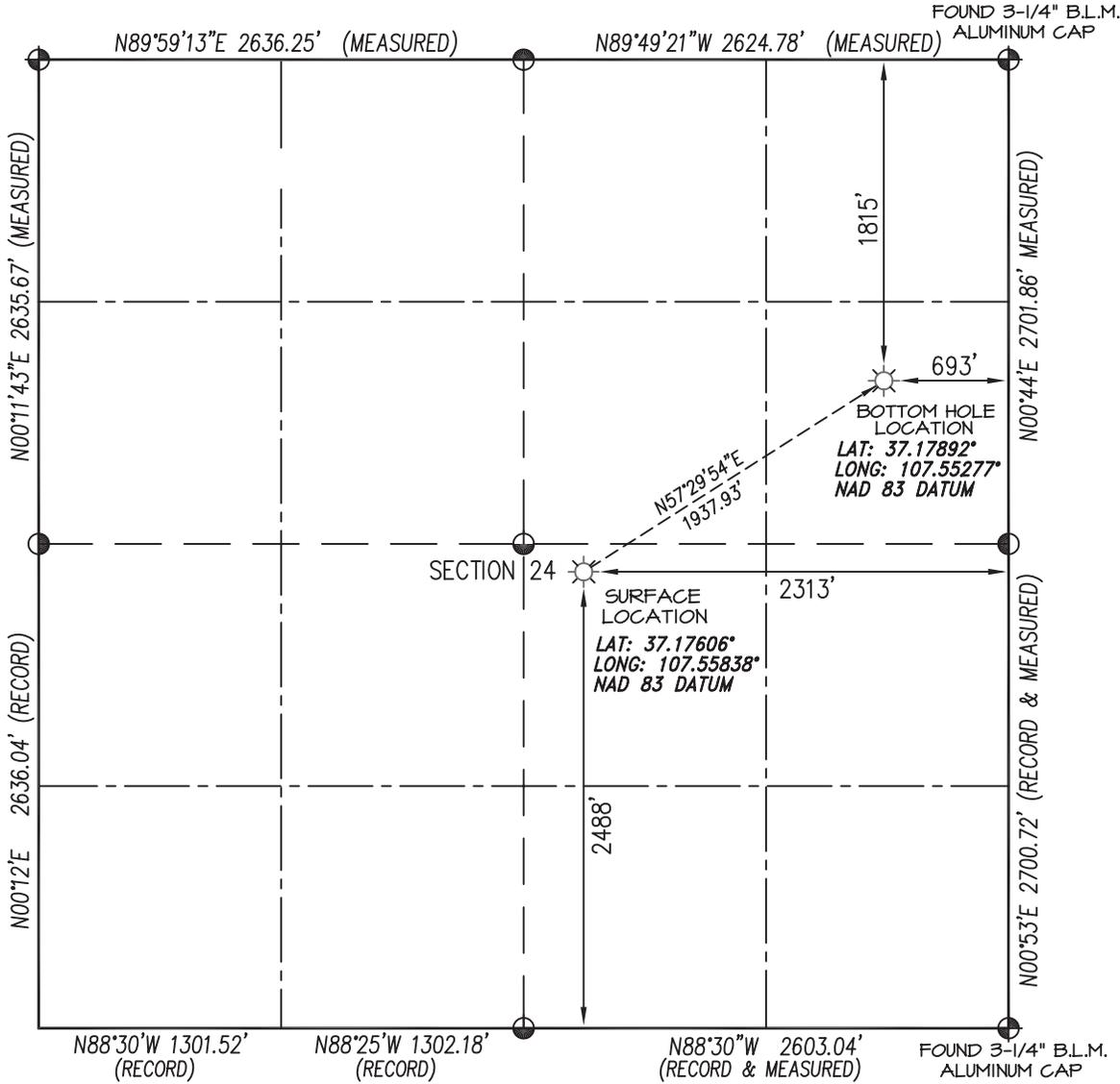


SAMSON RESOURCES COMPANY

BONNE 34-7-24 #4

SURFACE LOCATION: 2488' FSL, 2313' FEL
 SEC. 24, T-34-N, R-07-W, S.U.L., N.M.P.M., LA PLATA COUNTY, COLORADO.
 GROUND LEVEL ELEVATION: 6778'

BOTTOM HOLE LOCATION: 1815' FNL, 693' FEL
 SEC. 24, T-34-N, R-07-W, S.U.L., N.M.P.M., LA PLATA COUNTY, COLORADO.



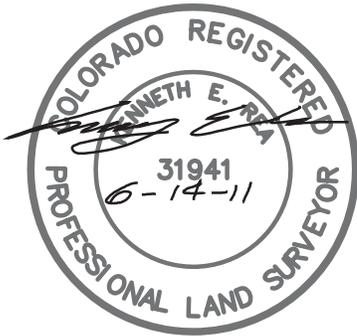
BASIS OF BEARING:
 REAL-TIME KINEMATIC GPS SURVEY
 SOLUTION OF CO SOUTH STATE
 PLANE (NAD 83) COORDINATE GRID
 WITH AN APPLIED ROTATION OF -1°16"11".

BASIS OF ELEVATION
 N.G.S. SURVEY MARK "IGNATIO" LOCATED IN THE
 SE/4 NE/4 OF SECTION 6, T35N, R7W, N.M.P.M., LA PLATA
 COUNTY COLORADO. REFERENCE ELEVATION = 6590'.

⊕ and ⊙ denote found 3-1/4" S.U.I.R. aluminum cap unless otherwise noted.

- 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 NO DWELLING STRUCTURES WITHIN 450' OF THE WELL BORE LOCATION.
 4. THERE ARE NO PUBLIC ROADS OR PROPERTY BOUNDARY LINES WITHIN 150' OF THE WELL BORE LOCATION.
 5. WELL GPS OBSERVATION PERFORMED BY SCOTT WEIBE ON DATE OF SURVEY - PDOP VALUE <3.0
 6. THIS EXHIBIT IS INTENDED TO DEPICT THE PROPOSED WELL LOCATION AND DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY.

RECORD DIMENSIONS SHOWN PER 1995 B.L.M. DEPENDENT RESURVEY PLAT APPROVED APRIL 20, 1995
 RECORD2 DIMENSIONS SHOWN PER 1995 B.L.M. DEPENDENT RESURVEY PLAT APPROVED MARCH 8, 1995



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 IS IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING, OR OTHER FUTURE IMPROVEMENT LINES.

DRAWN BY: K.R. CHECKED BY: K.R. FILE NO.: SSM33WP	SURVEYED: 5/24/11 DRAWN: 6/14/11 JOB NO.: SSM33	PREPARED FOR: <h3 style="margin: 0;">SAMSON RESOURCES CO.</h3>
		<h2 style="margin: 0;">NORTHSTAR</h2> <h3 style="margin: 0;">SURVEYING & MAPPING, INC.</h3> <p style="margin: 0;">768 County Rd. 308 DURANGO, CO. 81303 (970) 385-0851</p>

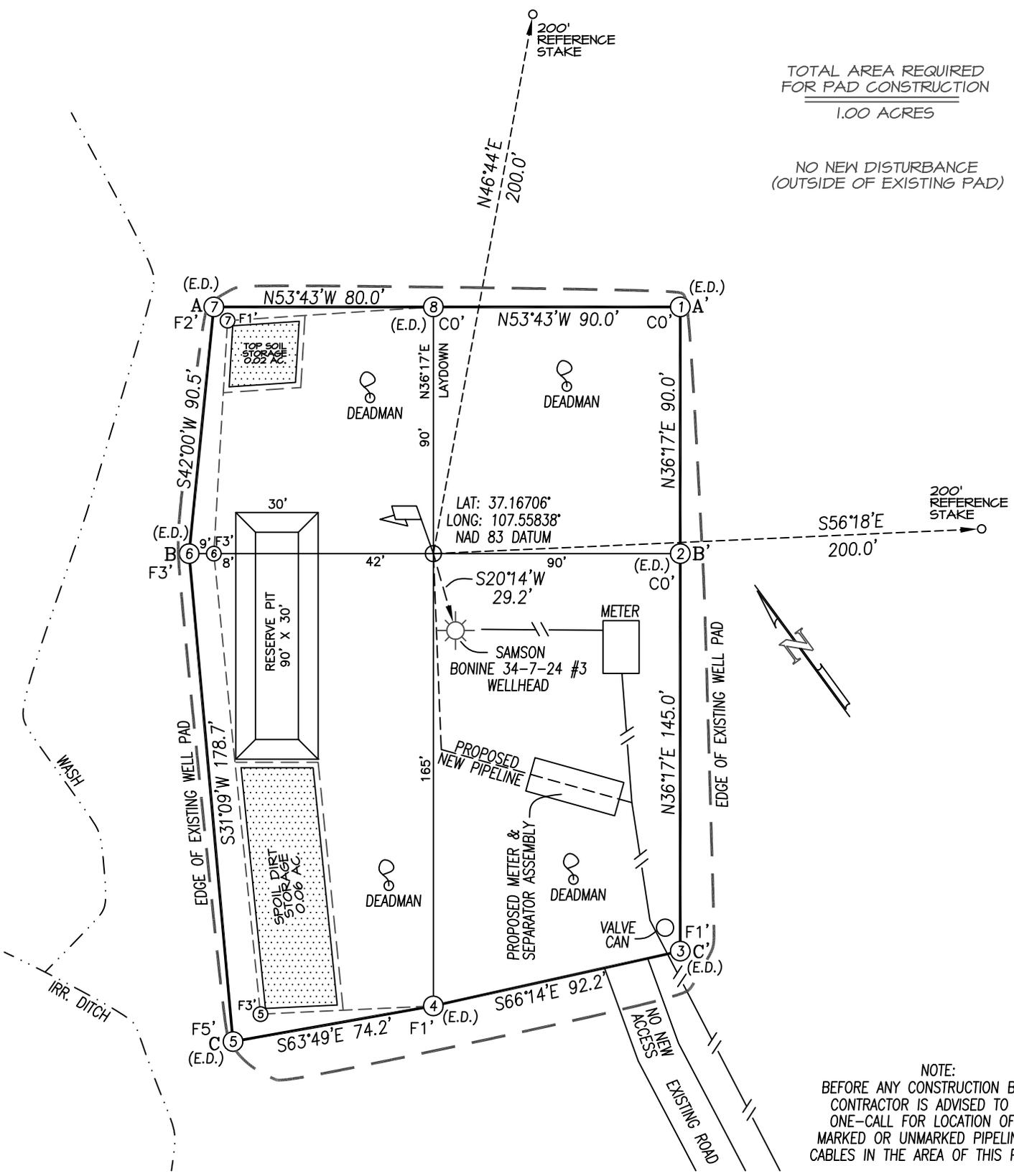
SAMSON RESOURCES COMPANY: BONINE 34-7-24 #4
2488' FSL, 2313' FEL, SECTION 24, SEC. 24, T-34-N, R-07-W, S.U.L., N.M.P.M.,
LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6778'

PAD DRAWING

(E.D.) DENOTES EDGE OF DISTURBANCE

TOTAL AREA REQUIRED
FOR PAD CONSTRUCTION
1.00 ACRES

NO NEW DISTURBANCE
(OUTSIDE OF EXISTING PAD)



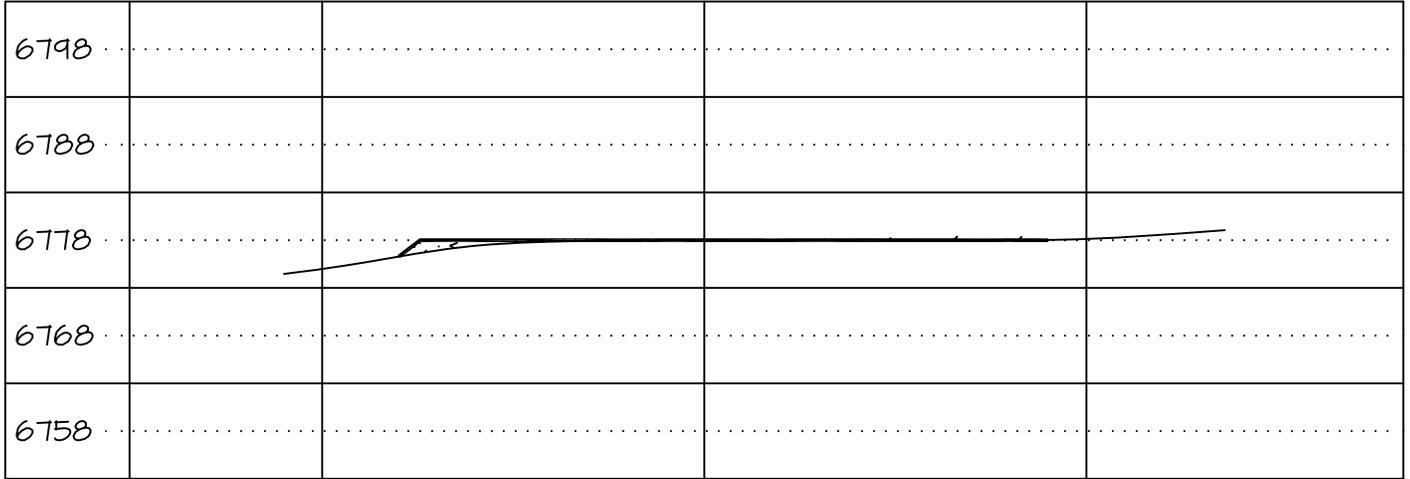
NOTE:
BEFORE ANY CONSTRUCTION BEGINS,
CONTRACTOR IS ADVISED TO CALL
ONE-CALL FOR LOCATION OF ANY
MARKED OR UNMARKED PIPELINES OR
CABLES IN THE AREA OF THIS PROJECT.

SAMSON RESOURCES COMPANY: BONINE 34-7-24 #4
2488' FSL, 2313' FEL, SECTION 24, SEC. 24, T-34-N, R-07-W, S.U.L., N.M.P.M.,
LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6778'

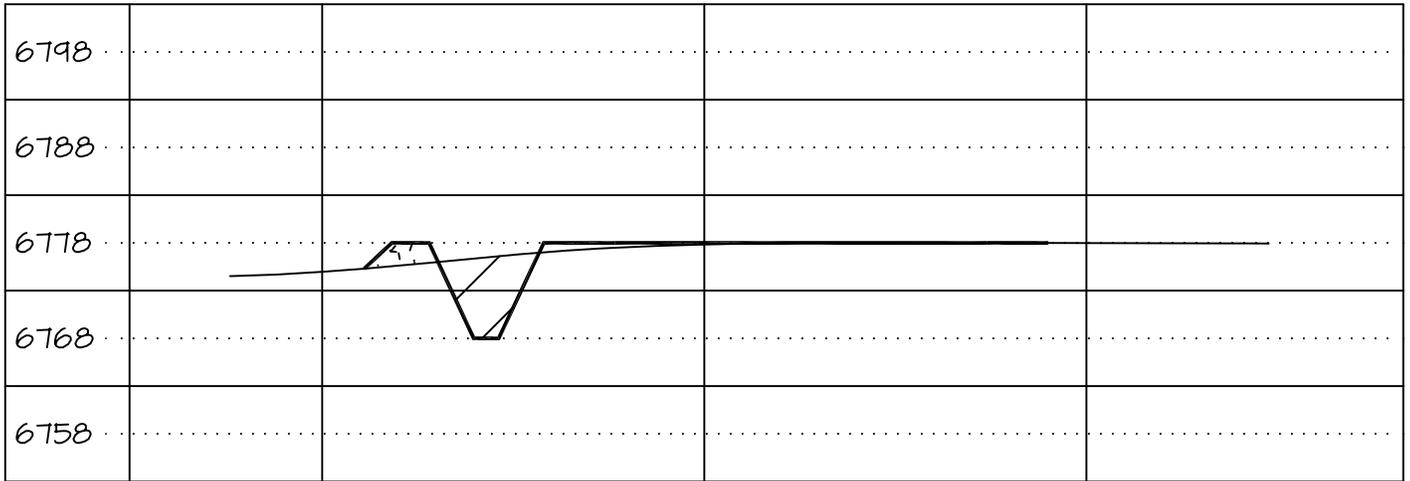
PAD CROSS SECTION DETAIL

ELEV. A-A'

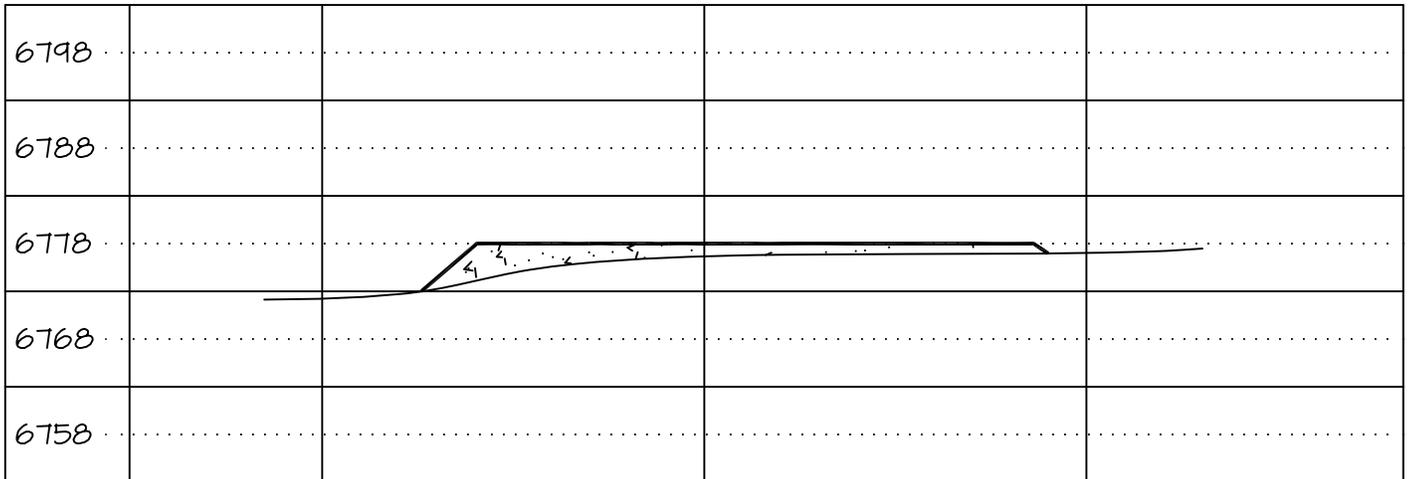
C/L



B-B'



C-C'

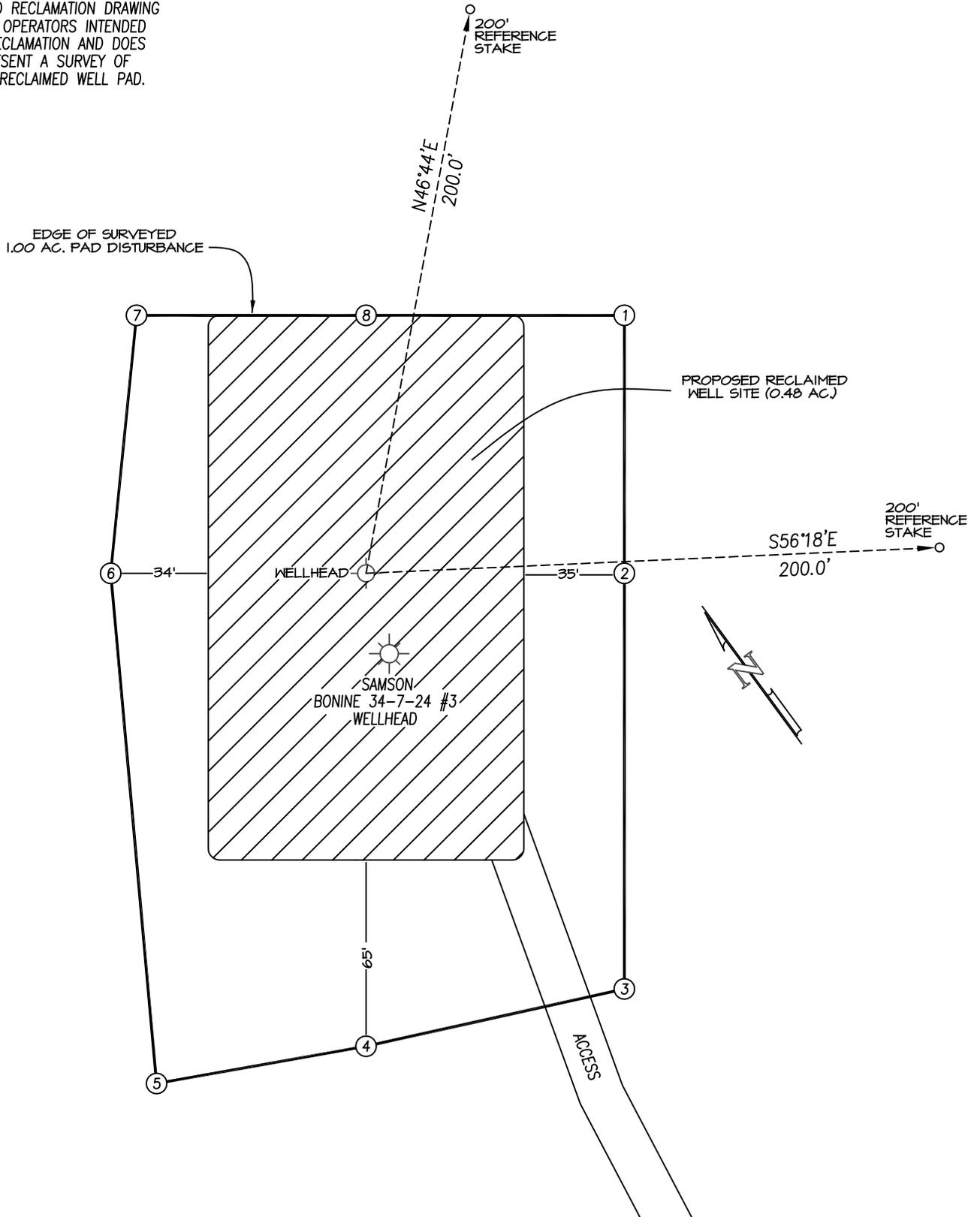


VERTICAL SCALE: 1" = 20' / HORIZONTAL SCALE: 1" = 50'

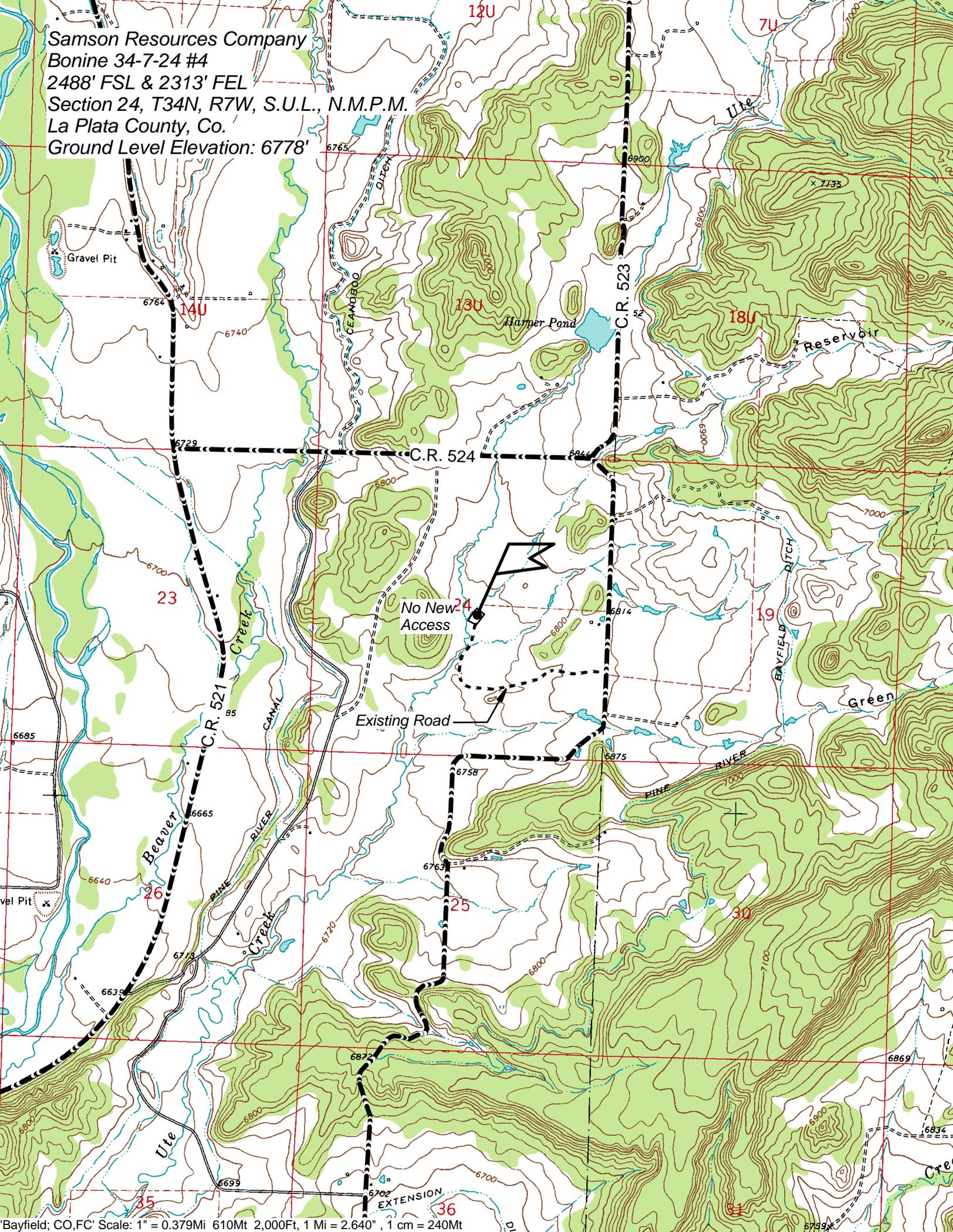
SAMSON RESOURCES COMPANY: BONINE 34-7-24 #4
2488' FSL, 2313' FEL, SECTION 24, SEC. 24, T-34-N, R-07-W, S.U.L., N.M.P.M.,
LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6778'

PROPOSED RECLAMATION DRAWING

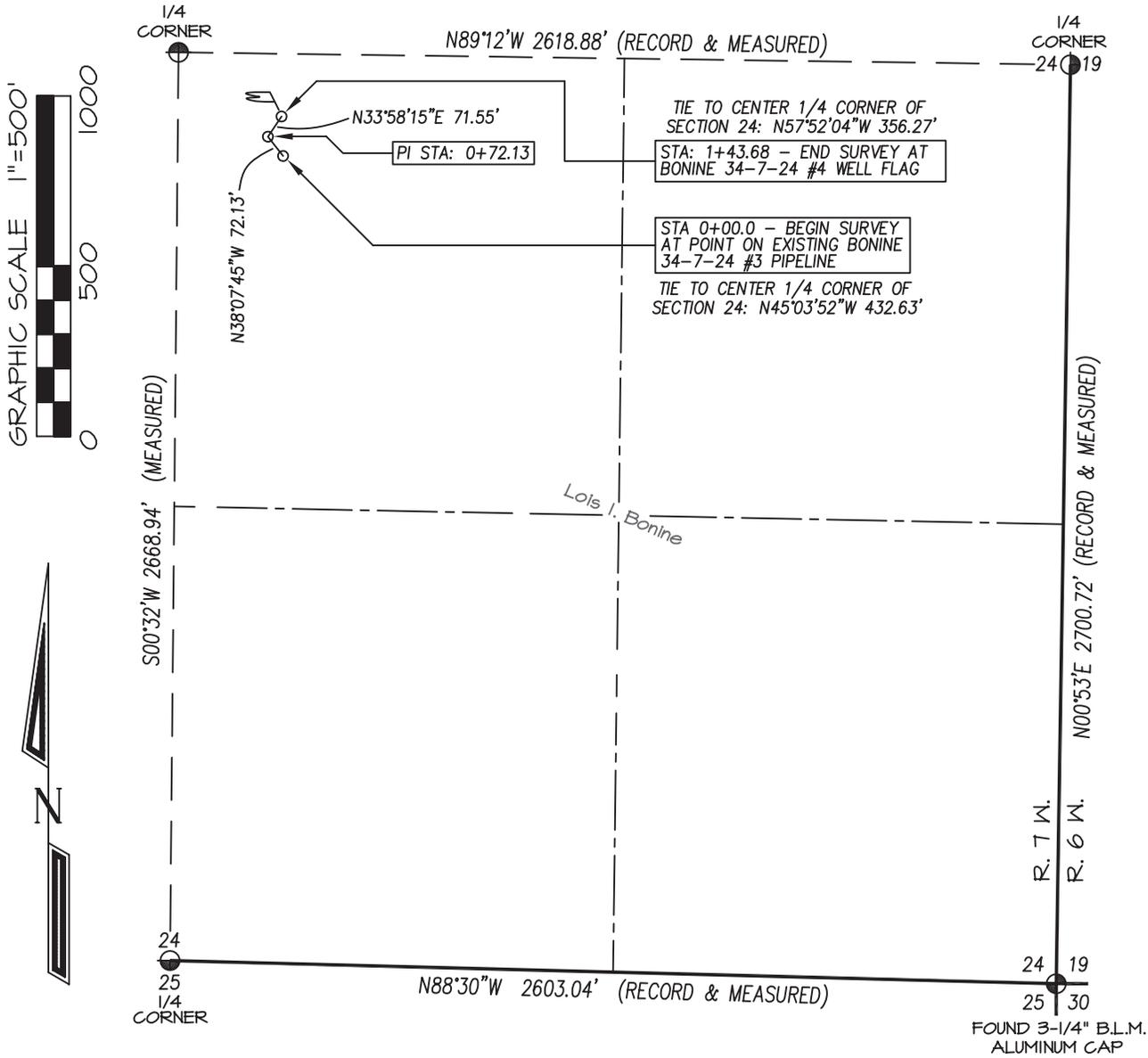
NOTE:
 THIS PROPOSED RECLAMATION DRAWING
 DEPICTS THE OPERATORS INTENDED
 WELL PAD RECLAMATION AND DOES
 NOT REPRESENT A SURVEY OF
 THE ACTUAL RECLAIMED WELL PAD.



Samson Resources Company
Bonine 34-7-24 #4
2488' FSL & 2313' FEL
Section 24, T34N, R7W, S.U.L., N.M.P.M.
La Plata County, Co.
Ground Level Elevation: 6778'



**SAMSON RESOURCES COMPANY: BONINE 34-7-24 #4
PROPOSED PIPELINE LOCATED IN THE NW/4 SE/4 OF SECTION 24,
T34N, R7W, S.U.L., N.M.P.M., LA PLATA COUNTY, COLORADO**



BASIS OF BEARING:
REAL-TIME KINEMATIC GPS SURVEY SOLUTION OF CO SOUTH STATE PLANE (NAD 83) COORDINATE GRID WITH AN APPLIED ROTATION OF -1°16'11\".

PLAT NOTE:
BEFORE ANY CONSTRUCTION BEGINS, CONTRACTOR IS ADVISED TO CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED PIPELINES OR CABLES IN THE AREA OF THIS PROJECT

⊕ and ⊙ denote found 3-1/4" S.U.I.R. aluminum cap unless otherwise noted.

SURFACE OWNERSHIP	STATION	FEET/RODS
Lois I. Bonine	0+00.0 TO 1+43.68	143.68 / 8.71



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.

DRAWN BY: K.R. CHECKED BY: K.R. FILE NO.: S5N133PL	SURVEYED: 5/24/11 DRAWN: 6/14/11 JOB NO. S5N133	PREPARED FOR: SAMSON RESOURCES COMPANY
		NORTHSTAR SURVEYING & MAPPING, INC. 768 County Rd. 308 DURANGO, CO. 81303 (970) 385-0851

SAMSON RESOURCES COMPANY: BONINE 34-7-24 #4 - Proposed pipeline

- LEGAL DESCRIPTION -

A pipeline easement being forty feet (40') wide located in the NW/4 SE/4 of Section 24, Township 34 North, Range 7 West, S.U.L., N.M.P.M., La Plata County, Colorado.
Said easement lying twenty feet (20') on each side of the following described centerline:

Beginning at a point on existing Bonine 34-7-24 #4 pipeline, whence the Center 1/4 corner of said Section 24, being a 3-1/4" S.U.I.R. aluminum cap, bears: N45°03'52"W a distance of 432.63 feet.

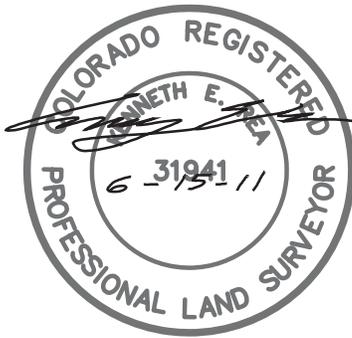
Thence N38°07'45"W a distance of 72.13 feet,

Thence N33°58'15"E a distance of 71.55 feet to Samson Resources Co. Bonine 34-7-24 #4 well flag whence said Center 1/4 corner of Section 24 bears: N57°52'04"W a distance of 356.27 feet.

Described easement being 143.68 feet in length & containing 0.13 acres, more or less.

PREPARED BY:

KENNETH E. REA P.L.S. #31941



Samson Resources Company

Bonine 34-7-24 #4

2488' FSL, 2313' FEL Section 24, T34N, R7W, S.U.L., La Plata County, Co.



Looking North



Looking East



Looking South



Looking West



Access at Well Location



Access at Road

All photos taken on 5/24/2011

Directions from the Intersection of State Hwy 172 & County Road 318 in Ignacio, CO to

Samson Resources Company: Bonine 34-7-24 #4

2488' FSL & 2313' FEL, Section 24, T34N, R7W, S.U.L., NMPM, La Plata County, CO

From the Intersection of State Highway 172 & State Highway 151 in Ignacio, CO. travel East on State Hwy 151 for 3.3 miles;

Go left (North) on County Road 336 for 2.0 miles;

Go right (East) on County Road 334 for 0.9 miles;

Go left (North) on County Road 523 for 2.9 miles;

Go left (west) on well access road for 0.7 miles to staked well location on existing Bonine 34-7-24 #3 well pad.