

CATAMOUNT ENERGY PARTNERS: EBC #8

SURFACE LOCATION: 1310' FSL & 1319' FWL

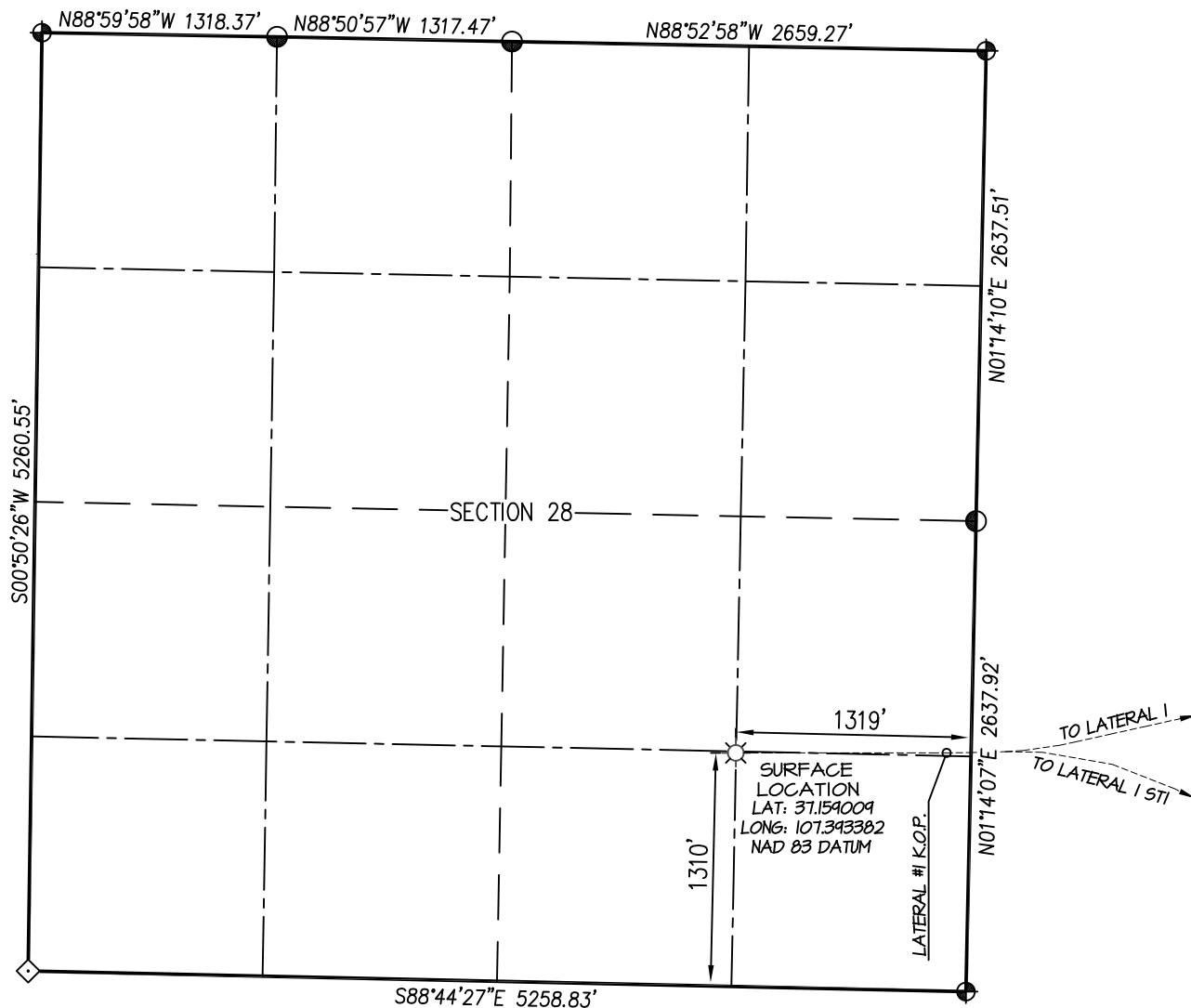
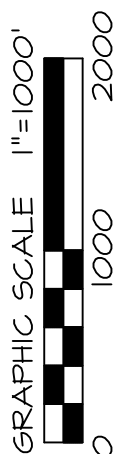
SECTION 28, T-34-N, R-5-W, S.U.L., N.M.P.M., ARCHULETA COUNTY, COLORADO. GROUND LEVEL ELEVATION: 6734'

LATERAL #1 BOTTOM HOLE LOCATION: 1985' FSL, 660' FWL

SECTION 26, T-34-N, R-5-W, S.U.L., N.M.P.M., ARCHULETA COUNTY, COLORADO.

LATERAL #1 ST1 BOTTOM HOLE LOCATION: 660' FSL, 660' FWL

SECTION 26, T-34-N, R-5-W, S.U.L., N.M.P.M., ARCHULETA COUNTY, COLORADO.



⊕ and ⊙ denote found 3-1/4" B.L.M. aluminum cap.
◇ denotes single proportion calculated position.

NOTE:

SEE SHEET 4 OF 4 FOR COORDINATE TABLE,
SURVEY NOTES, AND SURVEYOR'S CERTIFICATE.

SHEET 1 OF 4

DRAWN BY: K.R.	CHECKED BY: K.R.	FILE NO.: CEP-33WP	JOB NO. CEP-33	PREPARED FOR:
				CATAMOUNT ENERGY PARTNERS
				NORTHSTAR SURVEYING & MAPPING, INC. 768 County Rd. 308 DURANGO, CO. 81303 (970) 385-0851

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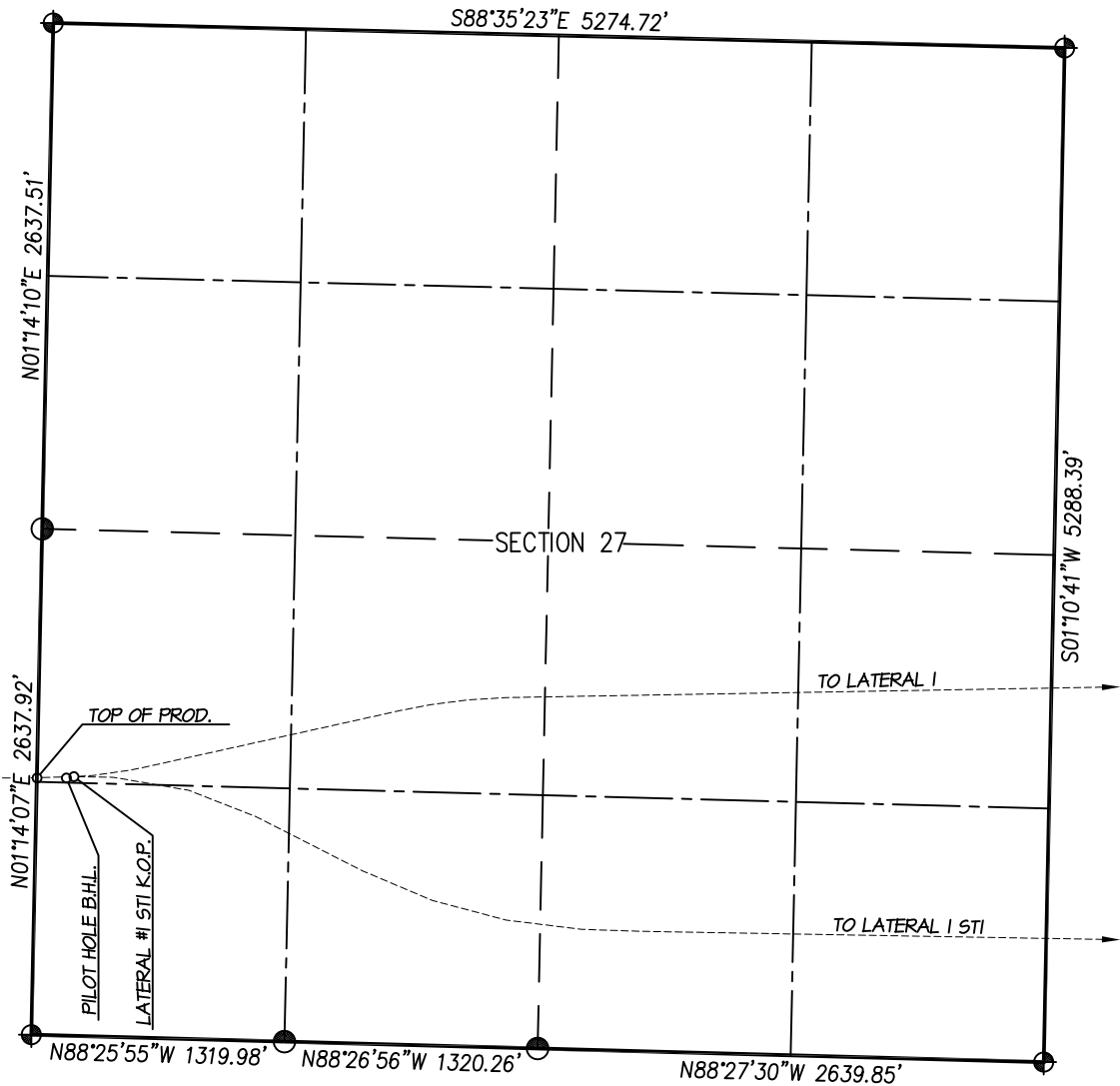
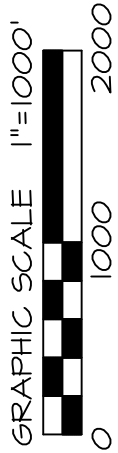
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NOTE:

SEE SHEET 4 OF 4 FOR COORDINATE TABLE,
SURVEY NOTES, AND SURVEYOR'S CERTIFICATE.

SHEET 2 OF 4

DRAWN BY: K.R.	SURVEYED: 11/22/17	PREPARED FOR:	
		CATAMOUNT ENERGY PARTNERS	
CHECKED BY: K.R.	DRAWN: 3/4/18	JOB NO. CEP-33	FILE NO.: CEP-33WP
NORTHSTAR SURVEYING & MAPPING, INC.			
768 County Rd. 308 DURANGO, CO. 81303 (970) 385-0851			

CATAMOUNT ENERGY PARTNERS: EBC #8

SURFACE LOCATION: 1310' FSL & 1319' FWL

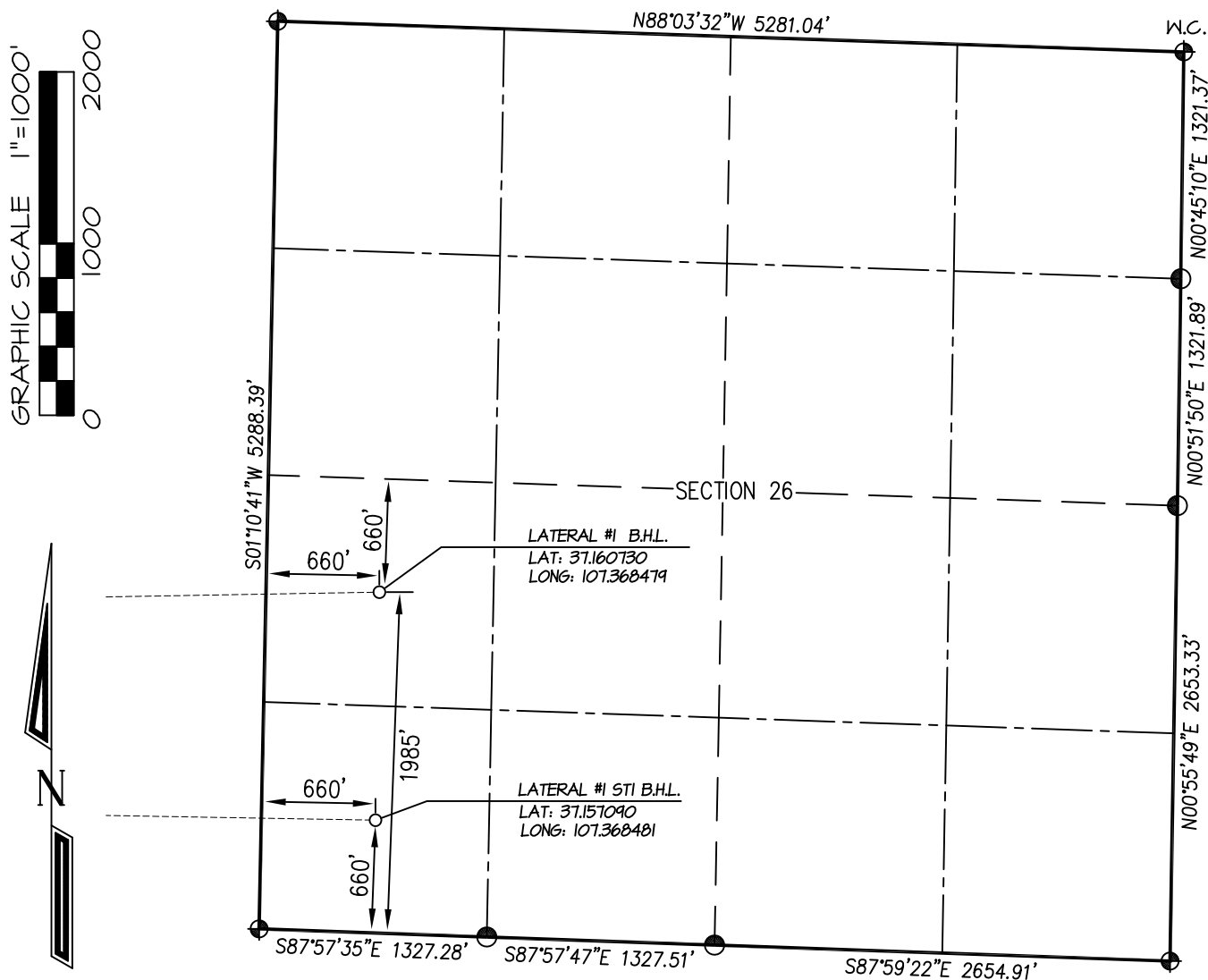
SECTION 28, T-34-N, R-5-W, S.U.L., N.M.P.M., ARCHULETA COUNTY, COLORADO. GROUND LEVEL ELEVATION: 6734'

LATERAL #1 BOTTOM HOLE LOCATION: 1985' FSL, 660' FWL

SECTION 26, T-34-N, R-5-W, S.U.L., N.M.P.M., ARCHULETA COUNTY, COLORADO.

LATERAL #1 ST1 BOTTOM HOLE LOCATION: 660' FSL, 660' FWL

SECTION 26, T-34-N, R-5-W, S.U.L., N.M.P.M., ARCHULETA COUNTY, COLORADO.



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 ◇ denotes single proportion calculated position.

NOTE:

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 SURVEY NOTES, AND SURVEYOR'S CERTIFICATE.

SHEET 3 OF 4

DRAWN BY: K.R.	SURVEYED: 11/22/17	PREPARED FOR:	
		CATAMOUNT ENERGY PARTNERS	
CHECKED BY: K.R.	DRAWN: 3/4/18	NORTHSTAR SURVEYING & MAPPING, INC. 768 County Rd. 308 DURANGO, CO. 81303 (970) 385-0851	
FILE NO.: CEP-33WP	JOB NO.: CEP-33		

CATAMOUNT ENERGY PARTNERS: EBC #8**SURFACE LOCATION: 1310' FSL & 1319' FEL****SECTION 28, T-34-N, R-5-W, S.U.L., N.M.P.M., ARCHULETA COUNTY, COLORADO. GROUND LEVEL ELEVATION: 6734'**

EBC 8	CSZ NAD '83	NAD '83	TIES	SEC/TWP/RNG
SURFACE HOLE LOCATION	N (Y) = 1,184,864.50' E (X) = 2,448,254.27'	LAT: 37.159009°N LONG: 107.393382°W	FSL = 1310' FEL = 1319'	SECTION 28 T-34-N, R-5-W
TOP OF PRODUCTION	N (Y) = 1,184,864.50' E (X) = 2,449,574.27'	LAT: 37.159082°N LONG: 107.388854°W	FSL = 1339' FWL = 1'	SECTION 27 T-34-N, R-5-W
PILOT HOLE - BOTTOM HOLE LOCATION	N (Y) = 1,184,864.50' E (X) = 2,449,727.27'	LAT: 37.159091°N LONG: 107.388329°W	FSL = 1343' FWL = 154'	SECTION 27 T-34-N, R-5-W
LATERAL #1 K.O.P.	N (Y) = 1,184,864.50' E (X) = 2,449,436.27'	LAT: 37.159075°N LONG: 107.389328°W	FSL = 1336' FEL = 137'	SECTION 28 T-34-N, R-5-W
PROPOSED BOTTOM HOLE LOCATION LATERAL #1	N (Y) = 1,185,344.87' E (X) = 2,455,522.96'	LAT: 37.160730°N LONG: 107.368479°W	FSL = 1985' FWL = 660'	SECTION 26 T-34-N, R-5-W
LATERAL #1 ST1 K.O.P.	N (Y) = 1,184,871.50' E (X) = 2,449,766.27'	LAT: 37.159112°N LONG: 107.388196°W	FSL = 1351' FWL = 193'	SECTION 27 T-34-N, R-5-W
PROPOSED BOTTOM HOLE LOCATION LATERAL #1 ST1	N (Y) = 1,184,019.79' E (X) = 2,455,495.71'	LAT: 37.157090°N LONG: 107.368481°W	FSL = 660' FWL = 660'	SECTION 26 T-34-N, R-5-W

NOTES:

1. WELL LOCATION FOOTAGE CALLS MEASURED PERPENDICULAR TO SECTION LINES.
2. WELL GPS OBSERVATION PERFORMED BY NELSON ROSS ON 11/22/17 - PDOP VALUE = 2.02
3. BEARINGS & DISTANCE SHOWN ARE FIELD MEASURED UNLESS OTHERWISE NOTED.
4. ALL MEASURED DISTANCES SHOWN ARE GRID DISTANCE WITH NO SCALE FACTOR APPLIED.
5. BEARINGS ARE BASED ON THE NORTH AMERICAN DATUM OF 1983, COLORADO SOUTH STATE PLANE COORDINATE SYSTEM, ZONE 0503.
6. ELEVATION IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (GEOID12A).



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.

SHEET 4 OF 4

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