

APPENDIX I.

ELEMENT OCCURRENCE RECORDS AND OCCURRENCE MAPS

ECCODE: PDONA080F1.001
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: 1985-08-20 LASTOBS: 1986-08-07 FIRSTOBS: GRANK: GST2
SRANK: S2 STATE: WY COUNTYNAME: WYLARA
QUADCODE: 4110457
QUADNAME: MOFFETT RANCH PRECISION: SC
LAT: 413620 LONG: 1044820 S: 413530 N: 413703 E: 1044705 W: 1044955
TOWNRANGE: 019N066W SECTION: 19 MERIDIAN: 6P
TRSCOMM: S9,16,17,20,30;67W25 PHYSROV: GP WATERSHED:
DIRECTIONS: SOUTH FORK BEAR CREEK BETWEEN SNOW RANCH AND CONFLUENCE WITH
NORTH FORK; ACCESSIBLE VIA SNOW RANCH AND RD CA 1 MI N OF S
NOW RANCH THAT RUNS E CA 3 MI TO BUILDINGS NEAR CREEK
GENDESC: SILTY LOAM ALLUVIUM ALONG CREEK; HAY MEADOWS

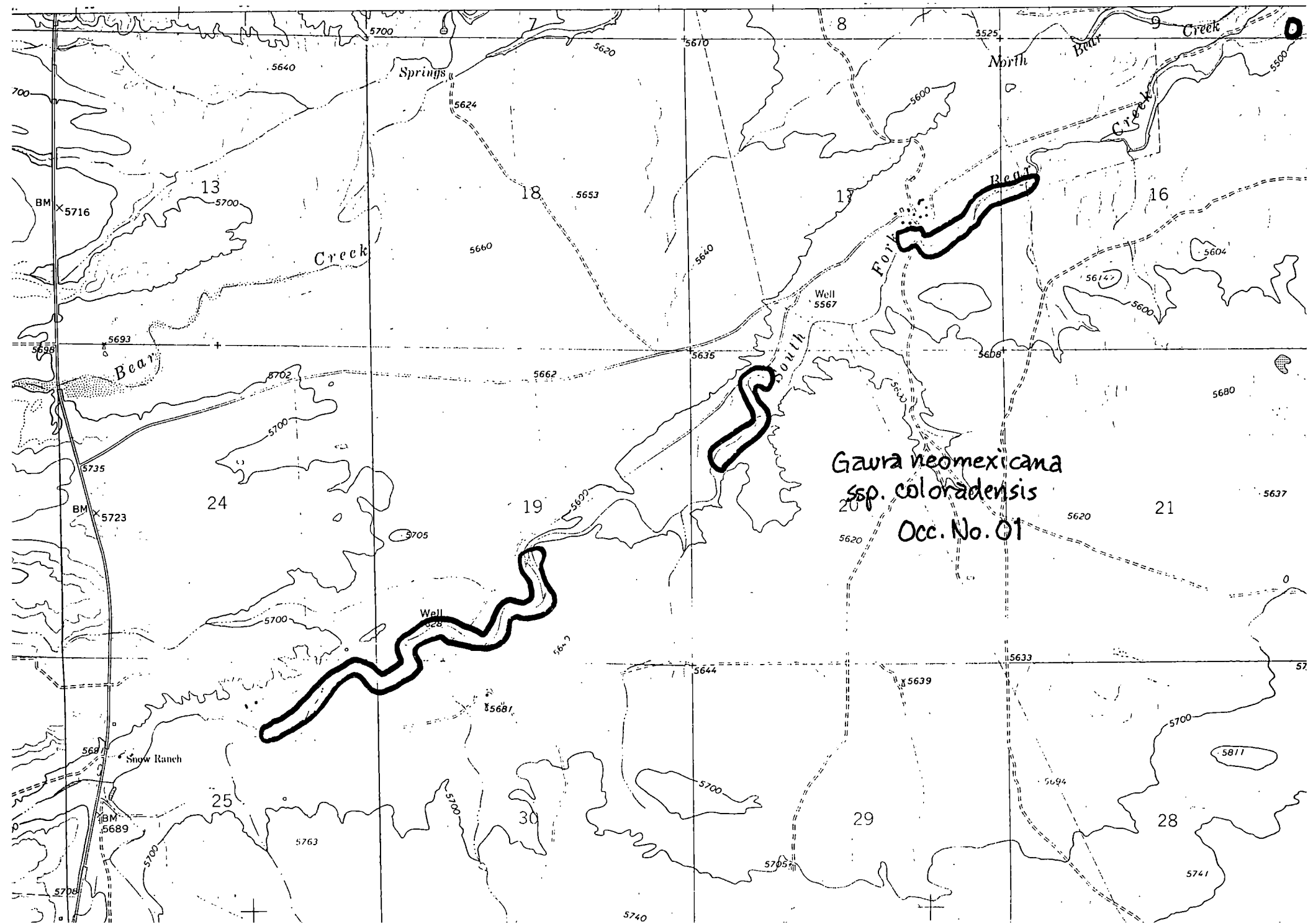
ELEV: 5600 SIZE: 0
EODATA: 604 (192, 129, 280, 3 ... W TO E) PLANTS ON MARGINS OF HAY F
IELDS ADJACENT TO STREAM

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: LOWER SOUTH FORK BEAR CREEK
OWNER: VOWERS RANCH INC; JH PAUL
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: LICHVAR, R., 7101, 7102, 7103 REPOS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM



ECCODE: PDONA080F1.002
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: 1986-09-19 LASTOBS: 1986-09-19 FIRSTOBS: GRANK: 65T2
SRANK: S2 STATE: WY COUNTYNAM: WYLARA
QUADCODE: 4110551
QUADNAME: HIRSIG RANCH PRECISION: SC
LAT: 413245 LONG: 1050130 S: 413235 N: 413305 E: 1050100 W: 1050220
TOWNRANGE: 018N068W SECTION: 08 MERIDIAN: 6P
TRSCOMM: +509 NW NW PHYSPROV: GP WATERSHED:
DIRECTIONS: UPPER BEAR CREEK DRAINAGE BETWEEN NORTH FORK AND NORTH FORK
SOUTH FORK; CROSSED BY RD FROM BRISTOL RIDGE TO HIRSIG RANCH

GENDESC: MOIST MEADOWS AND STREAMBANKS ALONG INTERMITTANT STREAM E OF
FENCE JUST E OF RD CROSSING; WITH AGROSTIS STOLONIFERA, POA
PRATENSIS, CIRSIIUM FLODMANII, AGROPYRON SMITHII, ROSA SP.

ELEV: 6350 SIZE: 0
EODATA: 1447 PLANTS PLUS NUMEROUS BASAL ROSETTES

COMMENTS: GRAZED (W OF FENCE JUST E OF RD VEGETATION IS MORE HEAVILY G
RAZED AND NO GAURA PRESENT); PROBABLY EXTENDS DOWNSTREAM

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: NONAME FORK BEAR CREEK
OWNER: TRUE RANCHES INC
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: MARRIOTT, HOLLIS, 10600 REPOS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: Y OWNERINFO:
TRANSCRIB: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM

ECCODE: PDONA080F1.003
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: 1986-09-19 LASTOBS: 1986-09-19 FIRSTOBS: GRANK: 65T2
SRANK: S2 STATE: WY COUNTYNAM: WYLARA
QUADCODE: 4110551
QUADNAME: HIRSIG RANCH PRECISION: SC
LAT: 413200 LONG: 1050100 S: 413135 N: 413205 E: 1050000 W: 1050140
TOWNRANGE: 018N068W SECTION: 16 MERIDIAN: 6P
TRSCOMM: N2, S17 SW4 PHYSPROV: GP WATERSHED:
DIRECTIONS: NORTH FORK SOUTH FORK BEAR CREEK UPSTREAM FROM RD FROM BRIST
OL RIDGE TO HIRSIG RANCH (UPSTREAM FROM NIMMO RESERVOIR #9)

GENDESC: MOIST MEADOWS AND STREAMBANKS ALONG INTERMITTANT STREAM W OF
RD CROSSING; WITH AGROSTIS STOLONIFERA, POA PRATENSIS, CIRS
IUM FLODMANII, AGROPYRON SMITHII, ROSA SP., SALIX EXIGUA
ELEV: 6300 SIZE: 0
EDDATA: 674 PLANTS PLUS NUMEROUS BASAL ROSETTES

COMMENTS: PROBABLY EXTENDS UPSTREAM; GRAZED W OF FENCE IN S17: VEGETA
TION IS MORE HEAVILY GRAZED, GAURA MUCH LESS COMMON
MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: NORTH FORK SOUTH FORK BEAR CREEK
OWNER: TRUE RANCHES INC
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: MARRIOTT, HOLLIS, 10599 REPOS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: Y OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM

ECCODE: PDONA080F1.004

NAME: GAURA NEOMEXICANA SSP. COLORADENSIS

COMNAME:

COLORADO BUTTERFLY PLANT

MARGNUM: 0 TENTEN: IDENT: Y EORANK:

EORANKCOMM:

SURVEYDATE: 1986-09-19 LASTOBS: 1986-09-19 FIRSTOBS: GRANK: 65T2

SRANK: S2 STATE: WY COUNTYNAME: WYLARA

QUADCODE: 4110551

QUADNAME: HIRSIG RANCH

PRECISION: SC

LAT: 413100 LONG: 1050012 S: 0 N: 0 E: 0 W: 0

TOWNRANGE: 018N058W SECTION: 21 MERIDIAN: 6P

TRSCOMM: SE4

PHYSPROV: 6P

WATERSHED:

DIRECTIONS: SOUTH FORK BEAR CREEK AT W END BRISTOL RIDGE RD ALONG RD TO
HIRSIG RANCH

GENDESC: STREAMBANK W OF RD CROSSING WITH SALIX EXIGUA

ELEV: 6250 SIZE: 0

EODATA: 28 PLANTS

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:

MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:

MOREMGMT: SITECODE:

SITENAME: UPPER SOUTH FORK BEAR CREEK

OWNER: TRUE RANCHES INC

OWNERCOMM:

PROTCOMM:

MGMTCOMM:

MONITOR: MONITORNUM:

BESTSOURCE: MARRIOTT, HOLLIS, 10598 REPOS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: Y OWNERINFO:

TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:

UPDATE: 86-11-30 HJM

ECCODE: PDDNA080F1.005
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: 1986-09-03 LASTOBS: 1986-09-03 FIRSTOBS: GRANK: 65T2
SRANK: S2 STATE: WY COUNTYNAM: WYLARA
QUADCODE: 4110457
QUADNAME: MOFFETT RANCH PRECISION: SC
LAT: 413040 LONG: 1045135 S: 0 N: 0 E: 0 W: 0
TOWNRANGE: 018N067W SECTION: 23 MERIDIAN: 6P
TRSCOMM: SW4SW4 PHYSPROV: 6P WATERSHED:
DIRECTIONS: LITTLE BEAR CR, S SIDE CA 1 LAND MI E OF INTERSTATE 25 WHERE
CREEK TAKES S-WARD BEND AWAY FROM LIMESTONE CLIFFS ON N SID
E
GENDESC: STREAMSIDE ALLUVIAL MEADOW; PROBABLY OLD STREAM BED

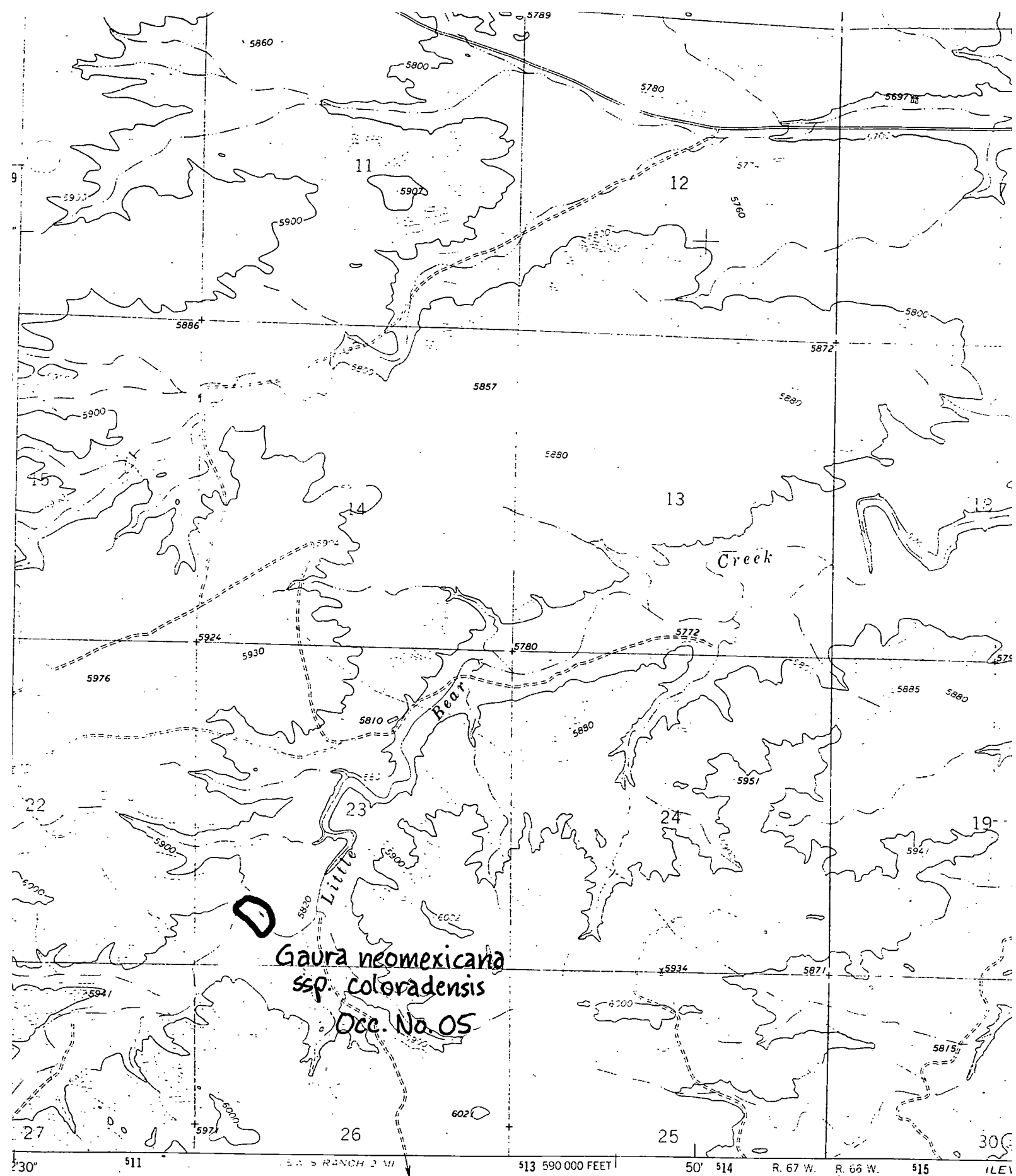
ELEV: 5820 SIZE: 0
EODATA: 10 PLANTS IN DEPRESSION IN MIDDLE OF MEADOW; LITTLE GRAZING
ALTHO IT IS PASTURE

COMMENTS: RICH MEADOW FLORA WILL PROBABLY PHASE OUT GAURA WITH NO DIST
URBANCE

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: LOWER LITTLE BEAR CREEK
OWNER: TRUE RANCHES INC
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: NEIGHBOURS, MARY, 590 REPOS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM

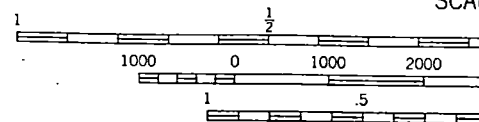
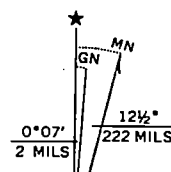


1:50,000, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1961. Field checked 1962

Polyconic projection. 1927 North American datum
 630,000-foot grid based on Wyoming coordinate system, east zone
 1000-meter Universal Transverse Mercator grid ticks.



CONTOUR
 DOTTED LINES REPRESENT

ECCODE: PDDNA080F1.006

NAME: GAURA NEOMEXICANA SSP. COLORADENSIS

COMNAME:

COLORADO BUTTERFLY PLANT

MARGNUM: 0 TENTEN: IDENT: Y EDRANK:

EDRANKCOMM:

SURVEYDATE: 1986-09 LASTOBS: 1986-09-18 FIRSTOBS: GRANK: G5T2

SRANK: S2 STATE: WY COUNTYNAME: WYLARA

QUADCODE: 4110448

QUADNAME: NIMMO RANCH

PRECISION: SC

LAT: 412905 LONG: 1045600 S: 412830 N: 412920 E: 1045430 W: 1045655

TOWNRANGE: 018N067W SECTION: 31 MERIDIAN: 6P

TRSCOMM: +S32;17NS6;17N68WS1 PHYSPROV: 6P WATERSHED:

DIRECTIONS: LITTLE BEAR CREEK W OF INTERSTATE 25 INCLUDING PAULSON BRANC

H

GENDESC: MOIST MEADOWS AND STREAMBANKS ALONG INTERMITTANT STREAMS; 60
00-6200 FT ASL; ALLUVIUM DERIVED FROM OGLALA FORMATION

ELEV: 6100 SIZE: 0

EDDATA: 898 PLANTS; PASTURE, THOUGH DISTURBANCE NECESSARY FOR PROVID
ING GAURA HABITAT SEEMS TO BE PRIMARILY STREAM FLOW

COMMENTS: OCCURRENCE EXTENDS UP PAULSON BRANCH UNKNOWN DISTANCE

MACODE1: CONTAINED1: MACODE2: CONTAINED2:

MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:

MOREMBMT: SITECODE:

SITENAME: UPPER LITTLE BEAR CREEK

OWNER: TRUE RANCHES INC

OWNERCOMM:

PROTCOMM:

MGMTCOMM:

MONITOR: MONITORNUM:

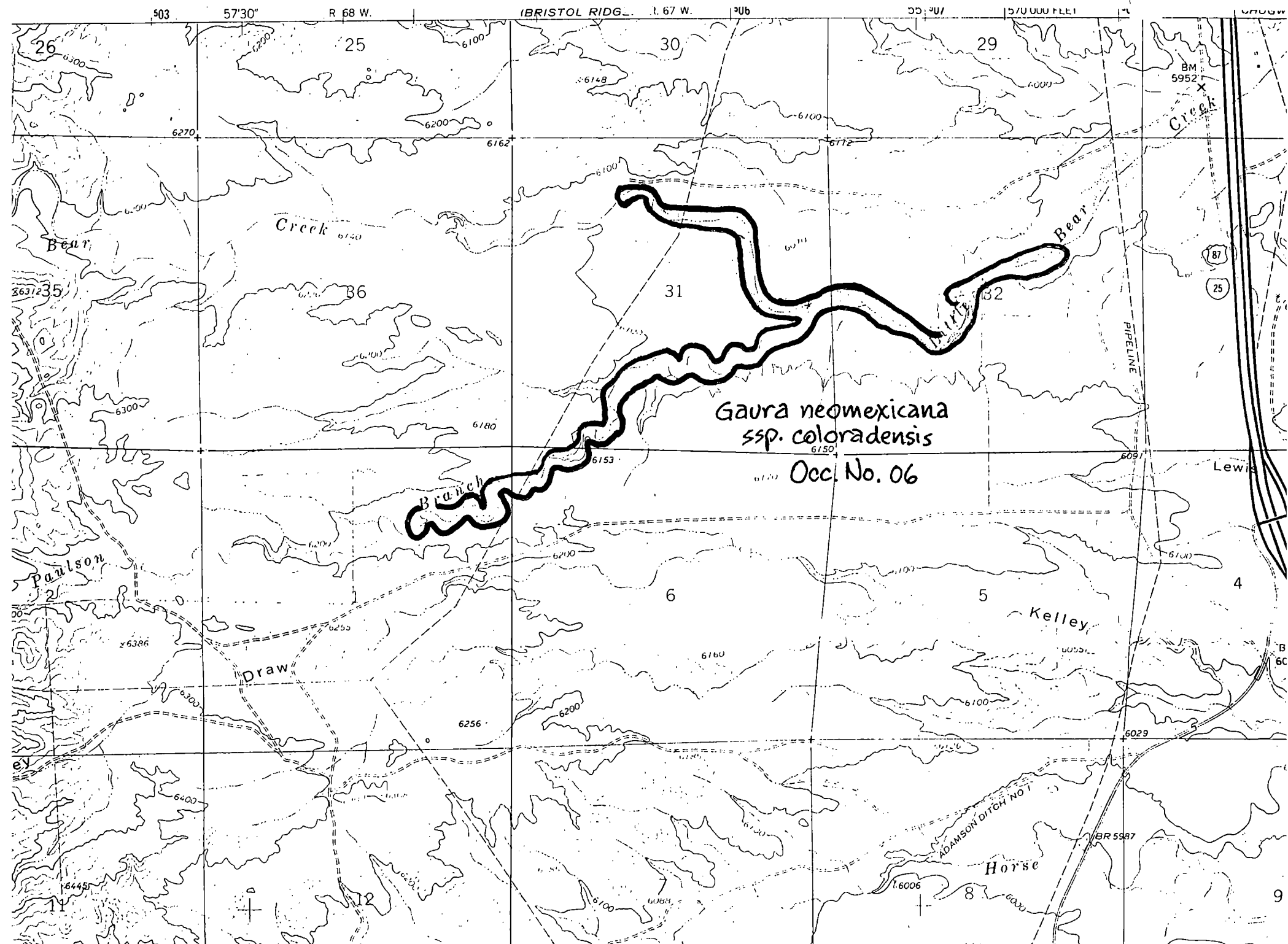
BESTSOURCE: NEIGHBOURS, MARY, 588, 589 REPOS (RM); MARRIOTT, HOLLIS

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:

TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:

UPDATE: 86-11-30 HJM



ECCODE: PDNA0080F1.007
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EDRANK:
EDRANKCOMM:
SURVEYDATE: 1984 LASTOBS: 1984 FIRSTOBS: GRANK: 05T2
SRANK: S2 STATE: WY COUNTYNAM: WYLARA
QUADCODE: 4110447
QUADNAME: LEWIS RANCH PRECISION: SC
LAT: 412812 LONG: 1044710 S: 0 N: 0 E: 0 W: 0
TOWNRANGE: 017N066W SECTION: 05 MERIDIAN: 6P
TRSCOMM: NE4SE4, S4 NW4SW4 PHYSPROV: 6P WATERSHED:
DIRECTIONS: HORSE CREEK CA 5 AIR MI E OF INTERSTATE 25, NEAR CAREY HORSE
CREEK DITCH #10 DIVERGENCE POINT; ACCESSIBLE VIA GRAVEL RD
S OF CREEK E FROM LEWIS RANCH
GENDESC:

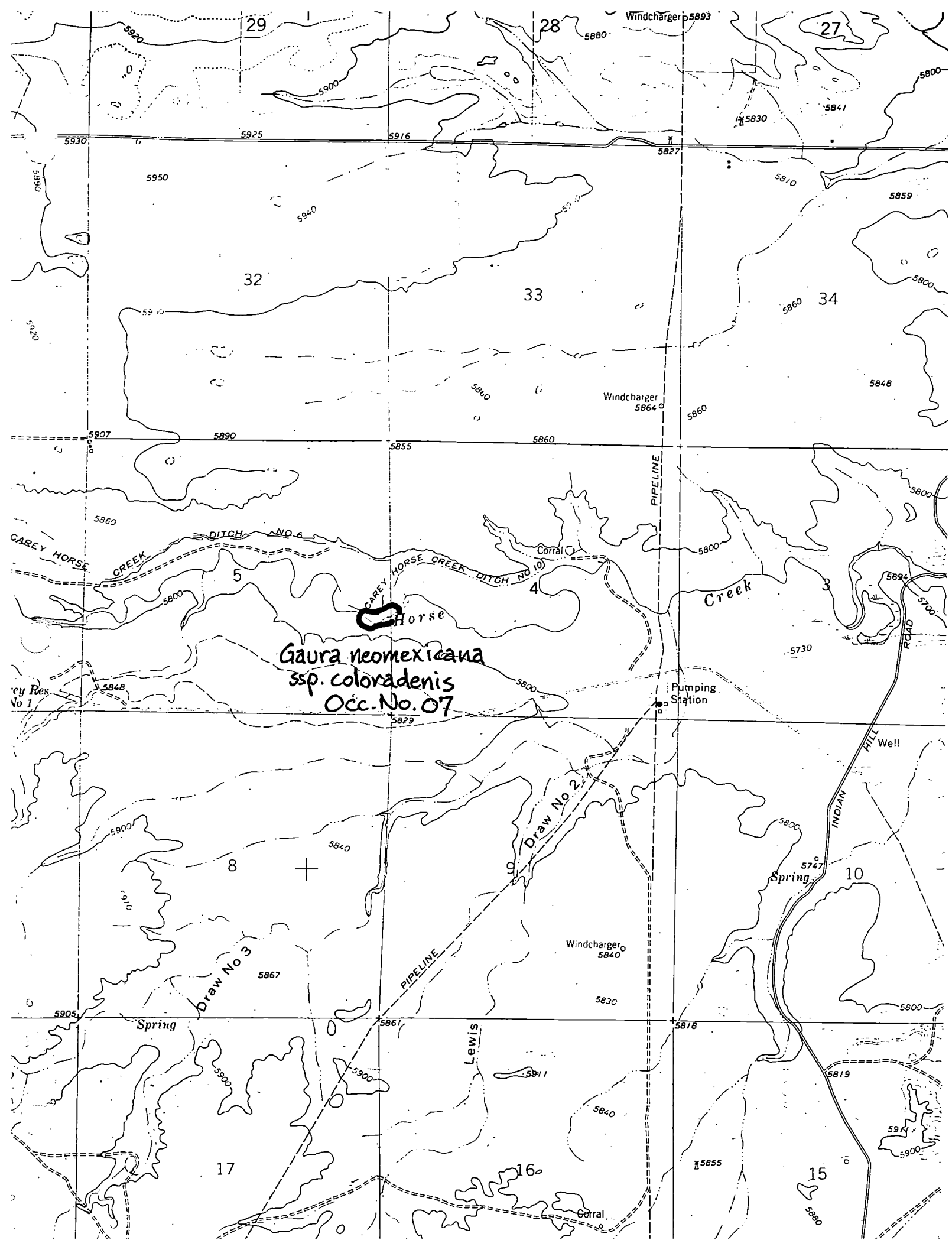
ELEV: 5800 SIZE: 0
EODATA: LESS THAN 35

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MDREPROT:
MDREMGMT: SITECODE:
SITENAME: LOWER HORSE CREEK
OWNER: NIMMO RANCH CO
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: DORN, R., 4185 REPOS. (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM



ECODE: PDONA080F1.008
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EDRANK:
EDRANKCOMM:
SURVEYDATE: 1985-08-16 LASTOBS: FIRSTOBS: 1984 GRANK: 65T2
SRANK: S2 STATE: WY COUNTYNAME: WYLARA
QUADCODE: 4110448 4110447
QUADNAME: NIMMO RANCH, LEWIS RANCH PRECISION: SC
LAT: 412730 LONG: 1045400 S: 412715 N: 412800 E: 1045210 W: 1045540
TOWNRANGE: 017N067W SECTION: 09 MERIDIAN: 6P
TRSCOMM: NW4, 3SE4, 7SE4, 8, 10NW PHYSPROV: 6P WATERSHED:
DIRECTIONS: HORSE CREEK UP AND DOWNSTREAM FROM INTERSTATE 25; ACCESSIBLE
VIA RD W OF I-25 (EXIT VIA NIMMO RD INTERCHANGE, 60 SOUTH C
A 1.3 MI)
GENDESC: ALLUVIUM ALONG CREEK WITH BROMUS INERMIS, TARAXACUM OFFICINA
LE, STIPA; HAY FIELDS

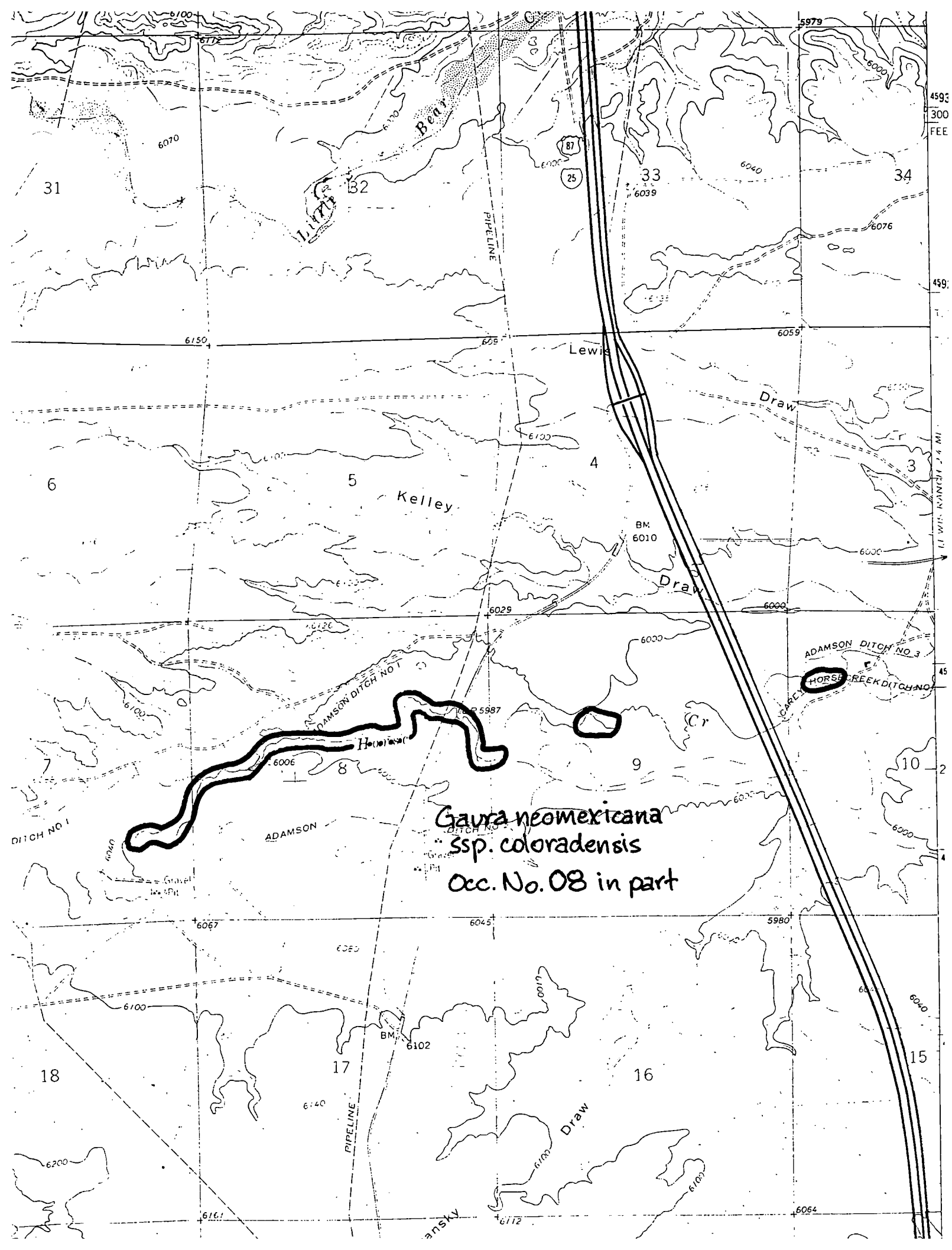
ELEV: 6000 SIZE: 0
EODATA: 648 PLANTS OBSERVED W OF I-25 IN 1985; LESS THAN 35 E OF I-2
5 IN 1984

COMMENTS:

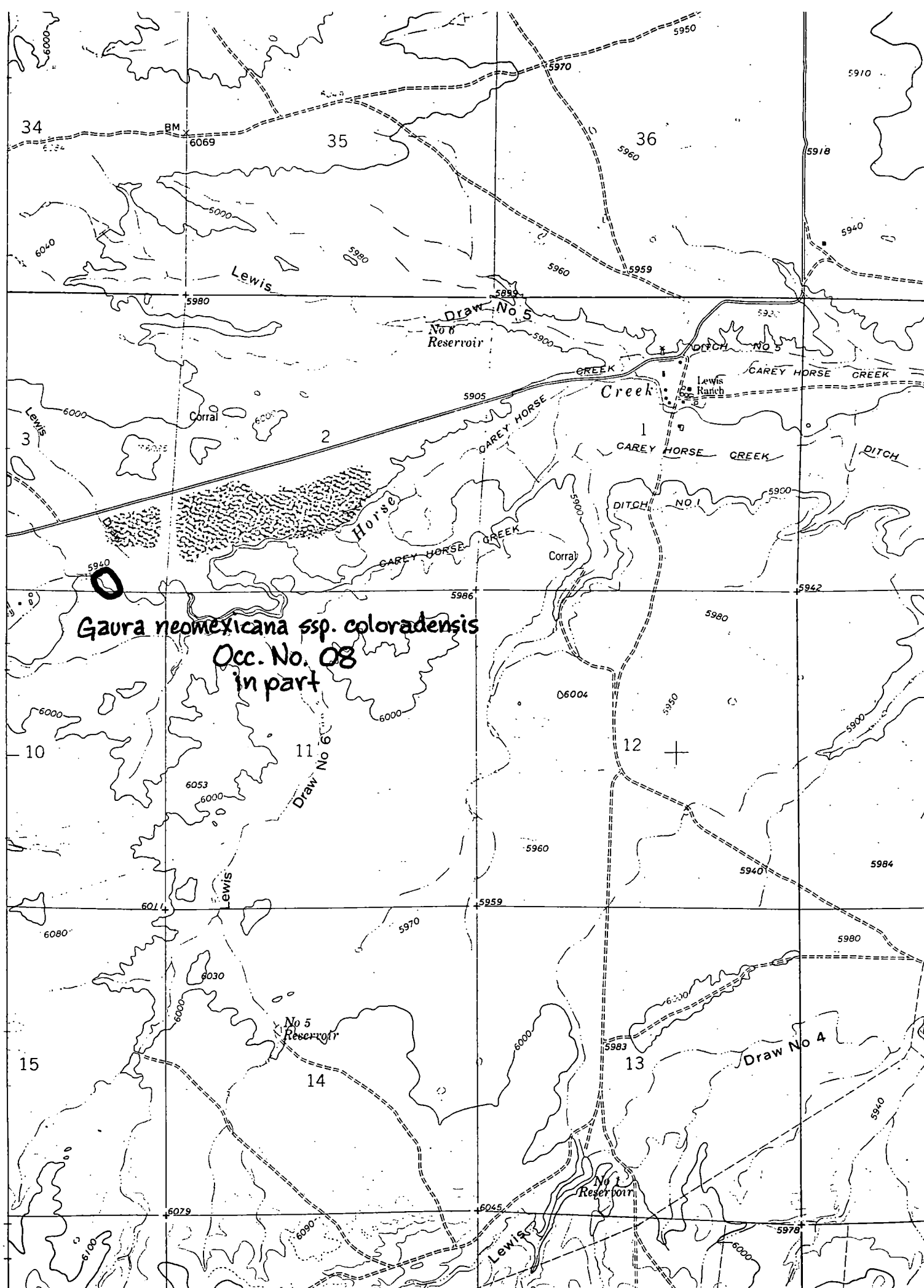
MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: UPPER HORSE CREEK
OWNER: NIMMO RANCH CO; TRUE RANCHES
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: LICHVAR, R., 7100 REPOS (RM); DORN, R., 4185 (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIB: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM



Gaura neomexicana
spp. coloradensis
Occ. No. 08 in part



EDCODE: PDONA080F1.009

NAME: GAURA NEOMEXICANA SSP. COLORADENSIS

COMNAME:

COLORADO BUTTERFLY PLANT

MARSNUM: 0 TENTEN: IDENT: Y EORANK:

EDRANKCOMM:

SURVEYDATE: 1985-07-10 LASTOBS: 1985-07-10 FIRSTOBS: 1889 GRANK: G5T2

SRANK: SW STATE: WY COUNTYNAM: WYLARA NEKIMB

QUADCODE: 4110421

QUADNAME: PINE BLUFFS

PRECISION: SC

LAT: 411150 LONG: 1040220 S: 411135 N: 411200 E: 1040020 W: 1040330

TOWNRANGE: 014N059W SECTION: 11 MERIDIAN: 6P

TRSCOMM: 12;58W 7,8;60W 10,11 PHYSPROV: 6P WATERSHED: 10190015

DIRECTIONS: LODGEPOLE, SPRING CRKS NEAR WY-NE STATE LINE; ACCESSIBLE VIA

WY HWY 215 W & N FROM PINE BLUFFS, TWO GRAVEL RDS N FROM HW

Y 30 ON EITHER SIDE OF STATE LINE & HWY 30 IN NE NEAR UP RR

GENDESC: SILTY LOAM ALLUVIUM ALONG CREEK WITH JUNCUS BALTICUS, POA PR

ATENSIS, DESCHAMPSIA CAESPITOSA, CIRSIIUM ARVENSE, CAREX X SI

MULATA; IN WET MEADOW, HAY MEADOW; 4950-5000 FT ASL

ELEV: 5000 SIZE: 0

EODATA: 2065 PLANTS: 1000 IN HAY MEADOW JUST E OF STATE LINE, PERIO

DICALLY SPRAYED; 225 IN DRIER PART OF WET MEADOW, CTR S12; 8

00 ON DRIER SITE IN WET MEADOW, S11 W OF STATE LINE; OTHER S

CATTERED SMALL POPULATIONS

COMMENTS: EASTERNMOST KNOWN OCCURRENCE

MACODE1: CONTAINED1: MACODE2: CONTAINED2:

MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:

MOREMSMT: SITECODE:

SITENAME: PINE BLUFFS

OWNER: C SUNDIN;GROSS-WILKINSON RNCH+

OWNERCOMM: NL EASTMAN;JW HOCKERSMITH;VOWERS&SONS INC

PROTCOMM:

MGMTCOMM:

MONITOR: MONITORNUM:

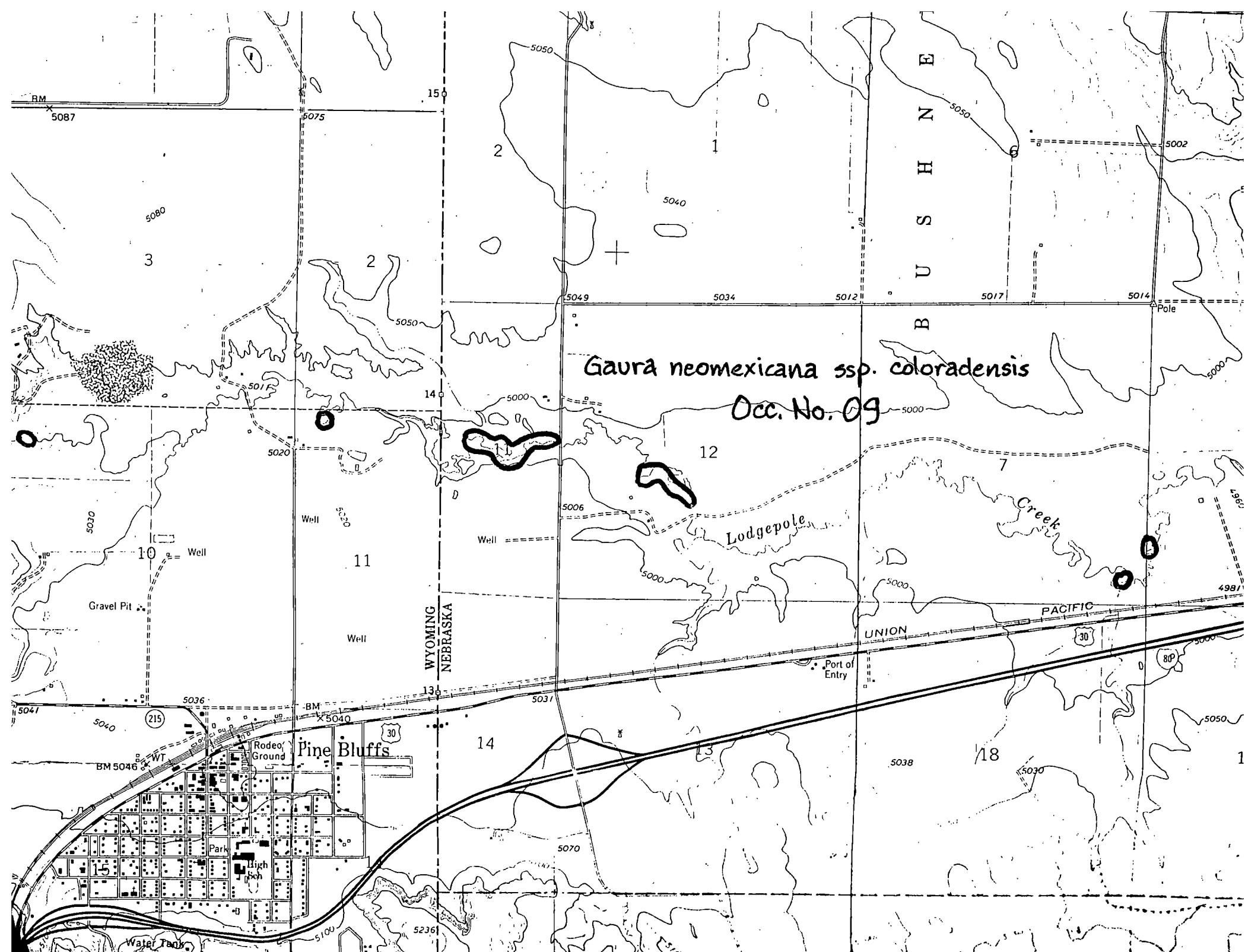
BESTSOURCE: DORN, R., 4266 REPOS (RM); LICHVAR, R., 7066, 7067, 7074 REP
OS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:

TRANSCRIBR: 79-10-17 RWL CDREV: MAPPER: QC:

UPDATE: 86-11-30 HJM



EOCODE: PDONA080F1.010

NAME: GAURA NEOMEXICANA SSP. COLORADENSIS

COMNAME:

COLORADO BUTTERFLY PLANT

MARGNUM: 0 TENTEN: IDENT: Y EORANK:

EORANKCOMM:

SURVEYDATE: 1985-07 LASTOBS: 1985-07-26 FIRSTOBS: GRANK: 65T2

SRANK: S2 STATE: WY COUNTYNAM: WYLARA

QUADCODE: 4110423 4110424

QUADNAME: BURNS, HILLSDALE

PRECISION: SC

LAT: 411315 LONG: 1042100 S: 411225 N: 411355 E: 1041855 W: 1042450

TOWNRANGE: 015N062W SECTION: 31 MERIDIAN: 6P

TRSCOMM: +32;63W25, 34, 35;+... PHYSPROV: 6P WATERSHED:

DIRECTIONS: LODGEPOLE CREEK NW, N & NE OF BURNS; ACCESSIBLE VIA RDS N ON
T OF BURNS WHERE THEY CROSS CREEK

GENDESC: SANDY AND SILTY LOAM ALLUVIUM ALONG CREEK WITH SALIX EXIGUA,
JUNCUS BALTICUS, AGROPYRON SMITHII, POA PRATENSIS, RUMEX SA
LICIFOLIUS, OENOTHERA SP.; HAY FIELDS ADJACENT TO STREAM

ELEV: 5400 SIZE: 0

EODATA: 4503 PLANTS: POPULATIONS OF 325 (HAY FIELD), 706 (HORSE PAST
URE), 2997 (IRRIGATED HAY FIELD), 25 (HAY FIELD), 450 (MOWED
HAY FIELD) - W TO E ALONG CREEK

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:

MOREMGMT: SITECODE:

SITENAME: BURNS

OWNER: AD PAULUS;A RISHA;RW STEEGE;+

OWNERCOMM: JH HARER;RE HUMPHREY SR;ES SORENSON;GL LOUTH

PROTCOMM:

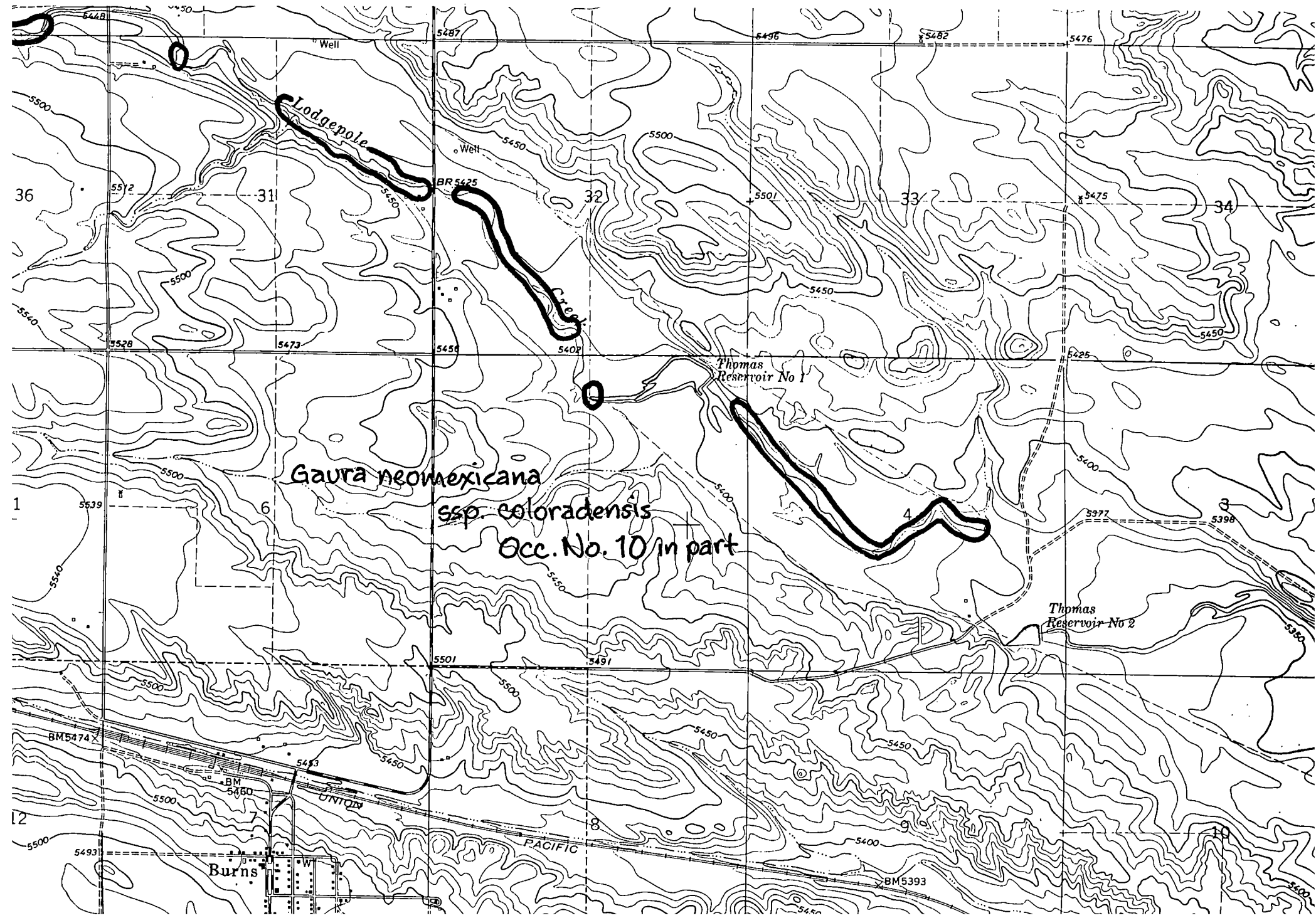
MGMTCOMM:

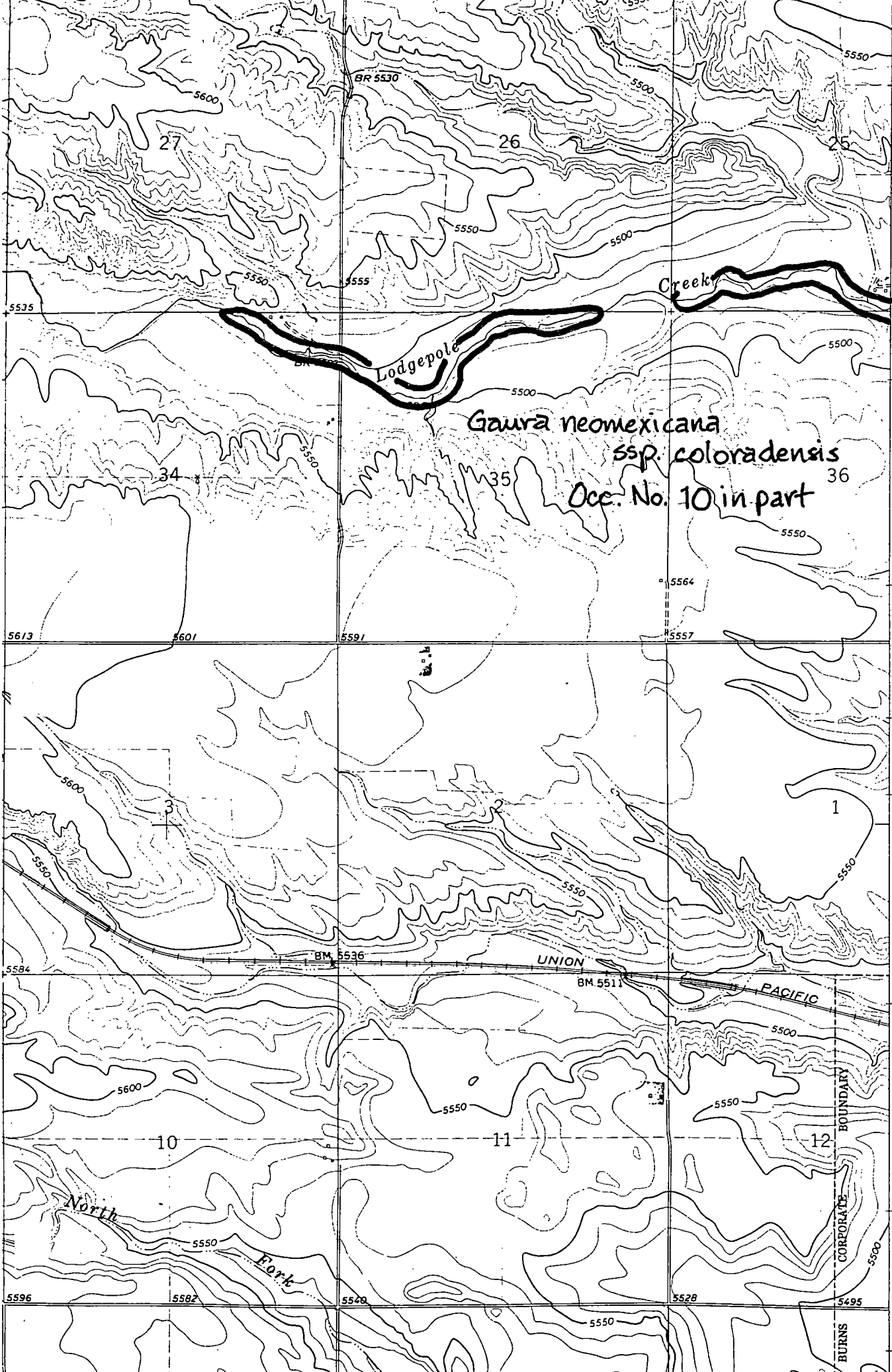
MONITOR: MONITORNUM:

BESTSOURCE: LICHVAR, R., 7064, 7065, 7076, 7077, 7078, 7079 REPOS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM





210 000
FEET

4565

4564

4563

T. 15 N.

T. 14 N.

4562
12'30"

4561

4560

(BURNS)
5166 111 NE

EDCODE: PDONA080F1.011

NAME: GAURA NEOMEXICANA SSP. COLORADENSIS

COMNAME:

COLORADO BUTTERFLY PLANT

MARGNUM: 0 TENTEN: IDENT: Y EORANK:

EDRANKCOMM:

SURVEYDATE: 1985-07-11 LASTOBS: 1985-07-11 FIRSTOBS: GRANK: GST2

SRANK: S2 STATE: WY COUNTYNAME: WYLARA

QUADCODE: 4110424

QUADNAME: HILLSDALE

PRECISION: SC

LAT: 411420 LONG: 1042915 S: 0 N: 0 E: 0 W: 0

TOWNRANGE: 015N064W SECTION: 25 MERIDIAN: 6P

TRSCOMM: PHYSPROV: 6P WATERSHED:

DIRECTIONS: LODGEPOLE CREEK N OF HILLSDALE; ACCESSIBLE VIA RD N OUT OF H
ILLSDALE WHERE IT CROSSES CREEK (GO W FROM CROSSING)

GENDESC: SANDY LOAM ALLUVIUM ALONG CREEK WITH PHEUM PRATENSE, AGROPY
RON SMITHII, POTENTILLA SP. IN MOIST MEADOWS

ELEV: 5610 SIZE: 0

EODATA: 389 PLANTS

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:

MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:

MOREMGMT: SITECODE:

SITENAME: HILLSDALE

OWNER: LW INC

OWNERCOMM:

PROTCOMM:

MGMTCOMM:

MONITOR: MONITORNUM:

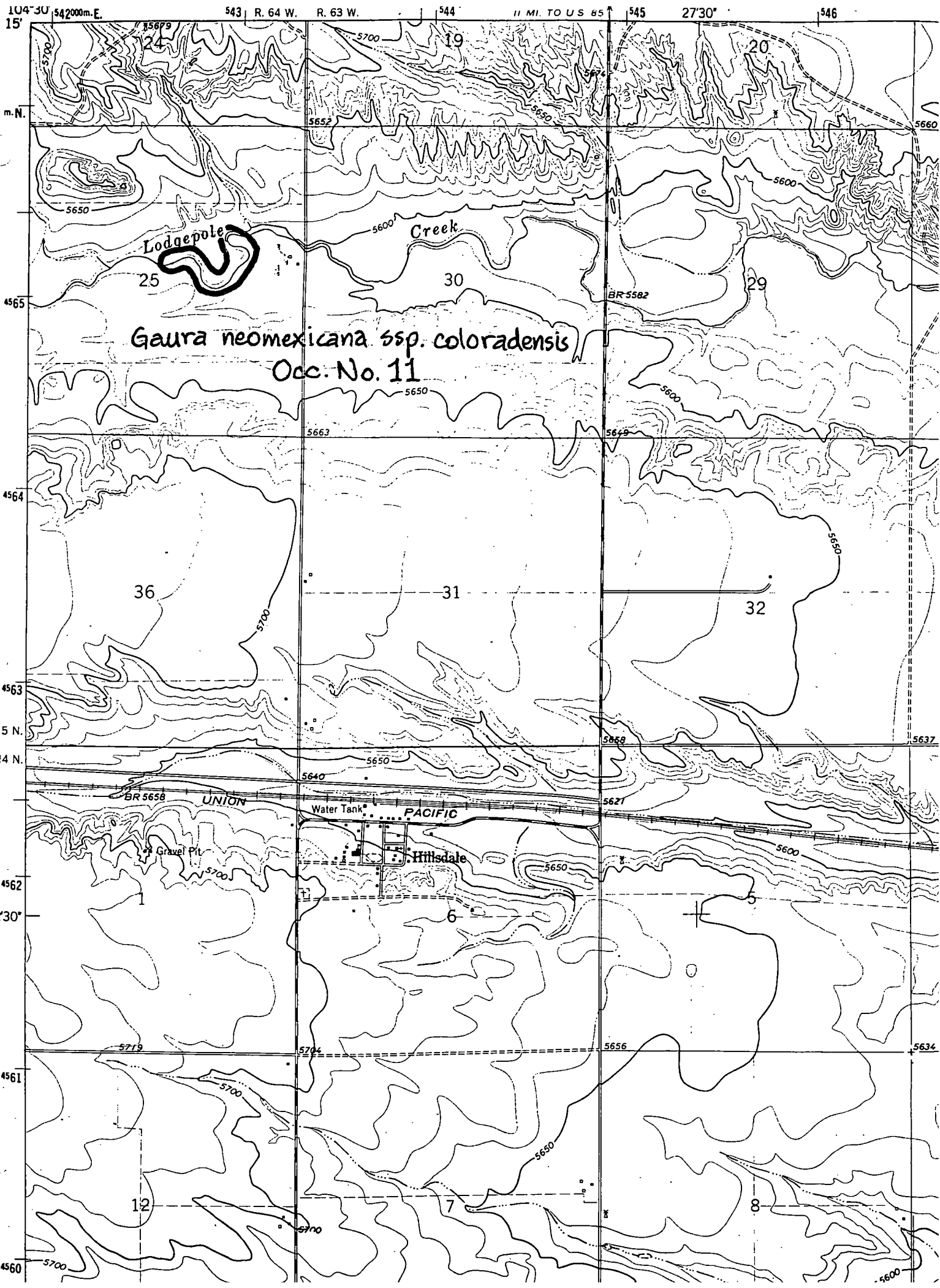
BESTSOURCE: DORN, R., 4286 REPOS (RX)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:

TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:

UPDATE: 86-11-30 HJM



ECCODE: PDONA080F1.012
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: 1985-07-26 LASTOBS: 1985-07-26 FIRSTOBS: GRANK: G5T2
SRANK: S2 STATE: WY COUNTYNAME: WYLARA
QUADCODE: 4110425
QUADNAME: DURHAM PRECISION: SC
LAT: 411420 LONG: 1043130 S: 0 N: 0 E: 0 W: 0
TOWNRANGE: 015N064W SECTION: 27 MERIDIAN: 6P
TRSCOMM: NE4 PHYSPROV: 6P WATERSHED:
DIRECTIONS: LODGEPOLE CREEK NW OF HILLSDALE; ACCESSIBLE VIA RD W (CA 2.3
RD MI) THEN N OUT OF HILLSDALE WHERE IT CROSSES CREEK (60 W
FROM CROSSING)
GENDESC: SILTY LOAM ALLUVIUM ALONG CREEK WITH POA PRATENSIS, DESCHAMP
SIA DESPITOSA, SALIX EXIGUA; HAY FIELD ALONG CREEK

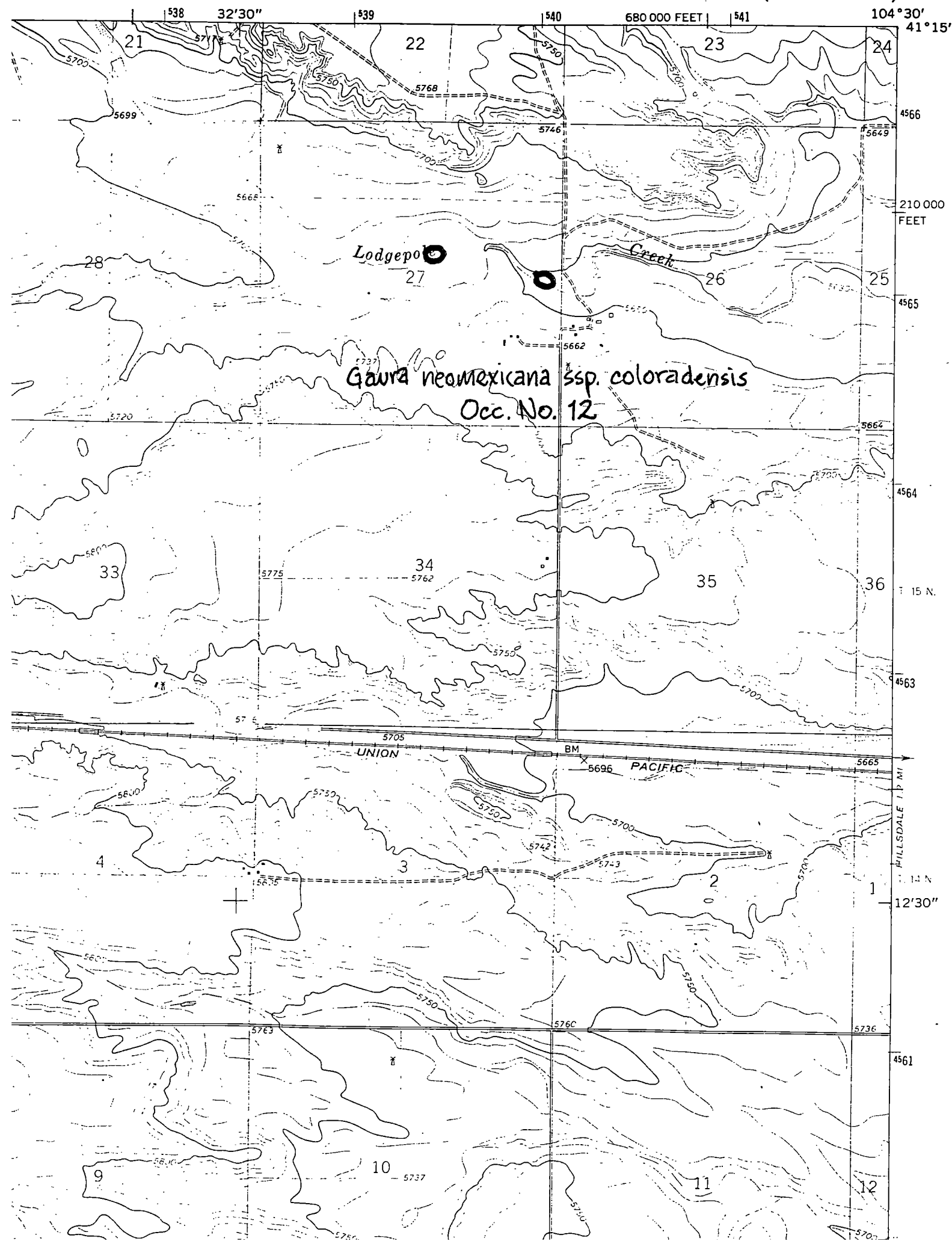
ELEV: 5650 SIZE: 0
EODATA: 80 PLANTS IN TWO POCKETS IN HAY FIELD ALONG CREEK

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: HILLSDALE NW
OWNER: RD DOLAN
OWNERCOMM: TRUSTEE
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: LICHVAR, R., 7080 REPOS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM



EDCODE: PDONA080F1.013
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: 1985-07-03 LASTOBS: 1986-09-18 FIRSTOBS: 1984 GRANK: GST2
SRANK: S2 STATE: WY COUNTYNAME: WYLARA
QUADCODE: 4110437
QUADNAME: P O RANCH PRECISION: SC
LAT: 411845 LONG: 1044805 S: 411805 N: 411925 E: 1044515 W: 1045050
TOWNRANGE: 016N066W SECTION: 32 MERIDIAN: 6P
TRSCOMM: S33,34;67WS25,26,36+ PHYSPROV: 6P WATERSHED:
DIRECTIONS: LODGEPOLE CREEK E OF INTERSTATE 25 & W OF WY HWY 85, E & W O
F P O RANCH; ACCESSIBLE VIA YELLOWSTONE HWY AND HWY 85

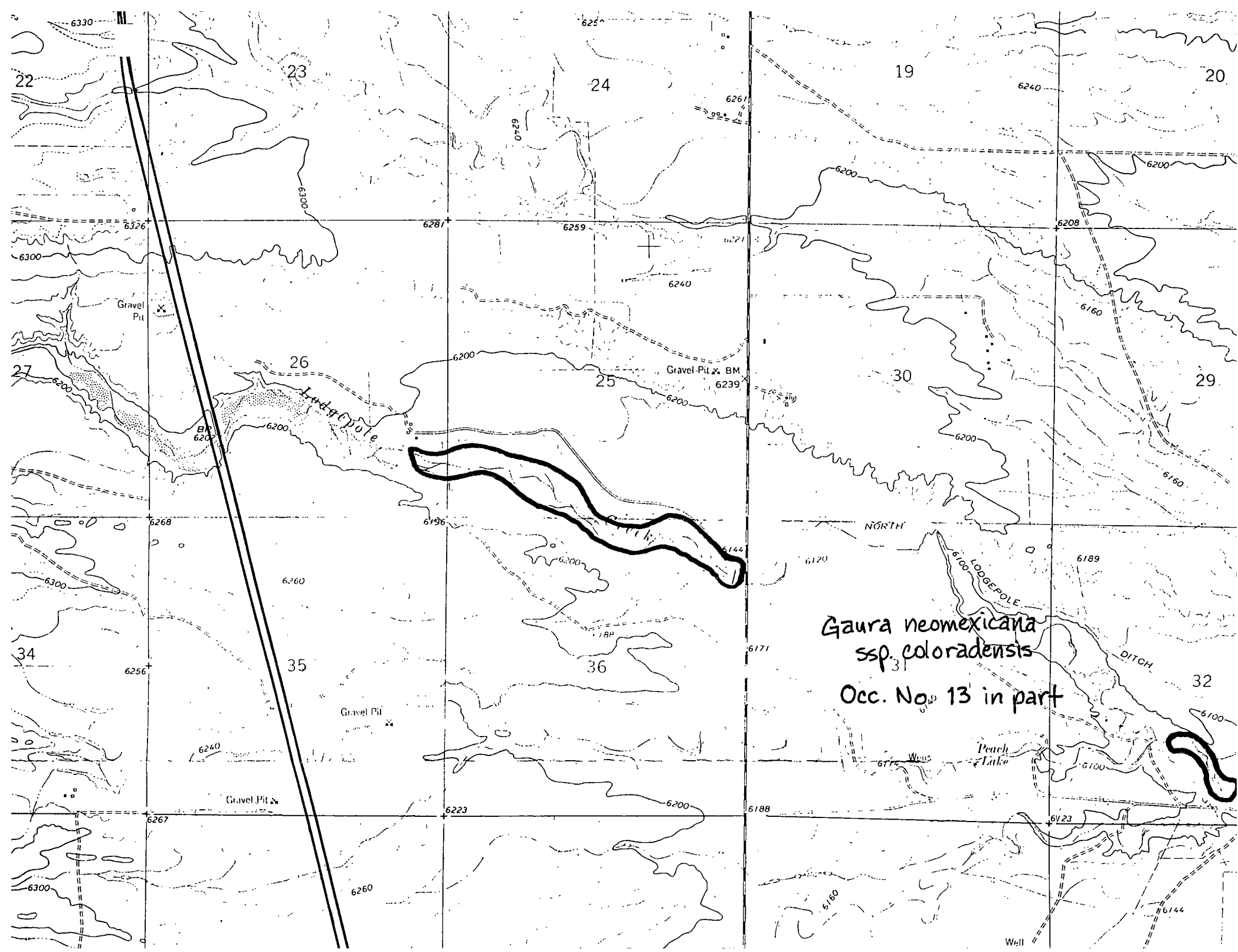
GENDESC: MOIST MEADOWS AND STREAMBANKS ALONG CREEK INCLUDING MARGINS
OF HAY FIELDS; WITH AGROSTIS STOLONIFERA, CIRSIUM ARVENSE, P
HLEUM PRATENSE, BROMUS INERMIS, JUNCUS BALTICUS

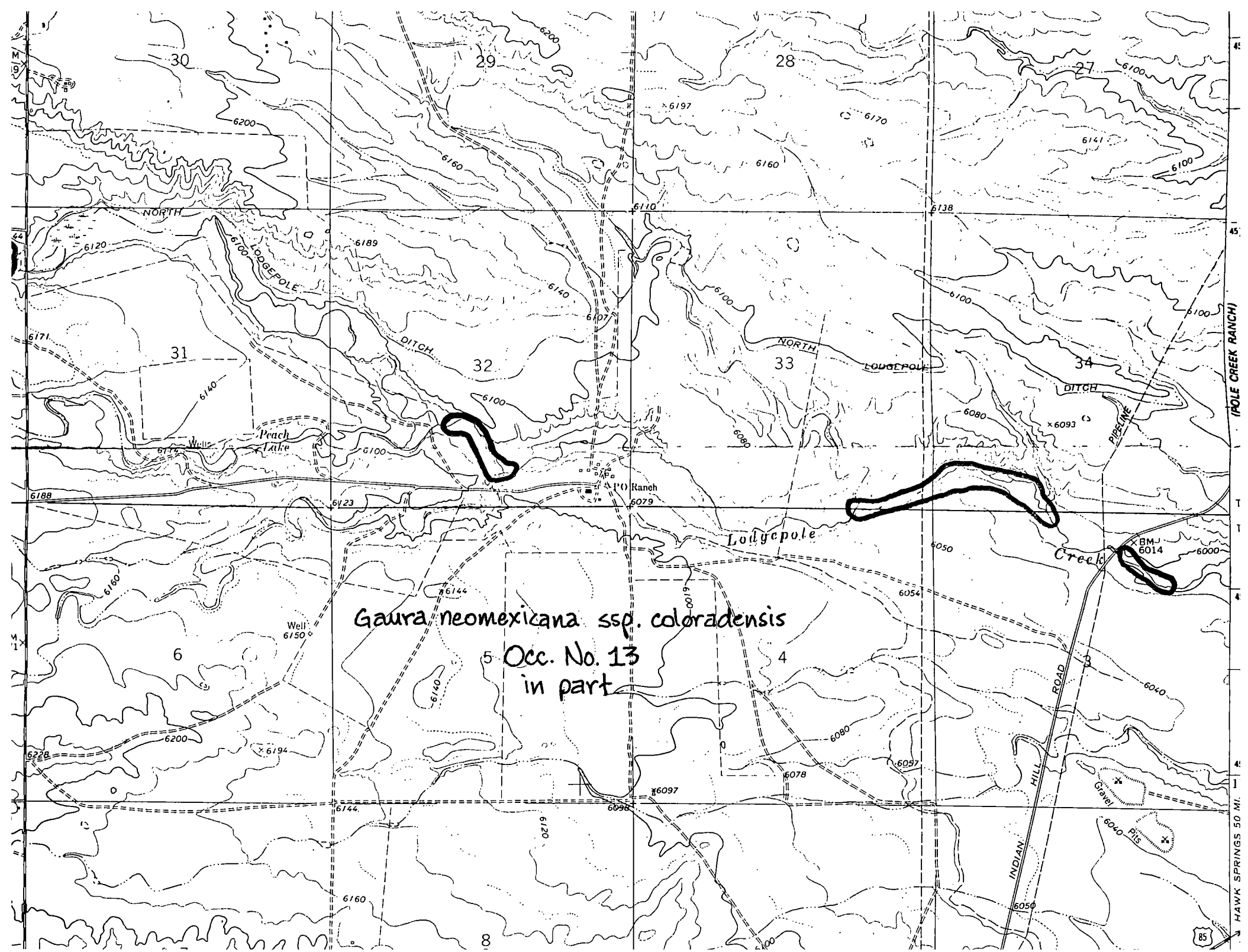
ELEV: 6050 SIZE: 0
EODATA: 125 PLANTS IN S32 (1985), 30 SCATTERED PLANTS W OF YELLOWSTO
NE HWY (1986), 100 E OF P O RANCH (1984)

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMSMT: SITECODE:
SITENAME: MIDDLE LODGEPOLE CREEK
OWNER: T SIMOLA; OPPENHEIMER IND INC +
OWNERCOMM: LODGEPOLE LAND & LIVESTOCK CO
PRDTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: LICHVAR, R., 7060 REPOS (RM); DORN, R., 4181 (RM); MARRIOTT,
H.
SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: GC:
UPDATE: 86-11-30 HJM





EDCODE: PDONA080F1.014

NAME: GAURA NEOMEXICANA SSP. COLORADENSIS

COMNAME:

COLORADO BUTTERFLY PLANT

MARGNUM: 0 TENTEN: IDENT: Y EORANK:

EORANKCOMM:

SURVEYDATE: 1986-08-25 LASTOBS: 1986-09-18 FIRSTOBS: GRANK: GST2

SRANK: S2 STATE: WY COUNTYNAM: WYLARA

QUADCODE: 4110438

QUADNAME: FARTHING RANCH

PRECISION: SC

LAT: 412025 LONG: 1045515 S: 412010 N: 412045 E: 1045330 W: 1045705

TOWNRANGE: 016N067W SECTION: 19 MERIDIAN: 6P

TRSCOMM: +S20,21;R68W S24 PHYSPROV: GP WATERSHED:

DIRECTIONS: LODGEPOLE CREEK BEGINNING CA 1.3 AIR MI W OF INTERSTATE 25 &
CONTINUING CA 3.2 LAND MI UPSTREAM

GENDESC: PASTURE ALONG CREEK, COWS AND HORSES GRAZING, SOME HAYFIELDS
; 6240-6350 FT ASL

ELEV: 6300 SIZE: 0

EODATA: 1262 PLANTS PRIMARILY IN AREAS WHERE LAND SLOPES GENTLY DOWN
TO CREEK CREATING FLAT ALLUVIAL DEPOSIT BELOW SURROUNDING H
ILLS

COMMENTS: POSSIBLY MORE PLANTS UPSTREAM NEAR BEAVERPONDS

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:

MOREMGMT: SITECODE:

SITENAME: UPPER LODGEPOLE CREEK

OWNER: S TUCK; L GOERTZ

OWNERCOMM:

PROTCOMM:

MSMTCOMM:

MONITOR: MONITORNUM:

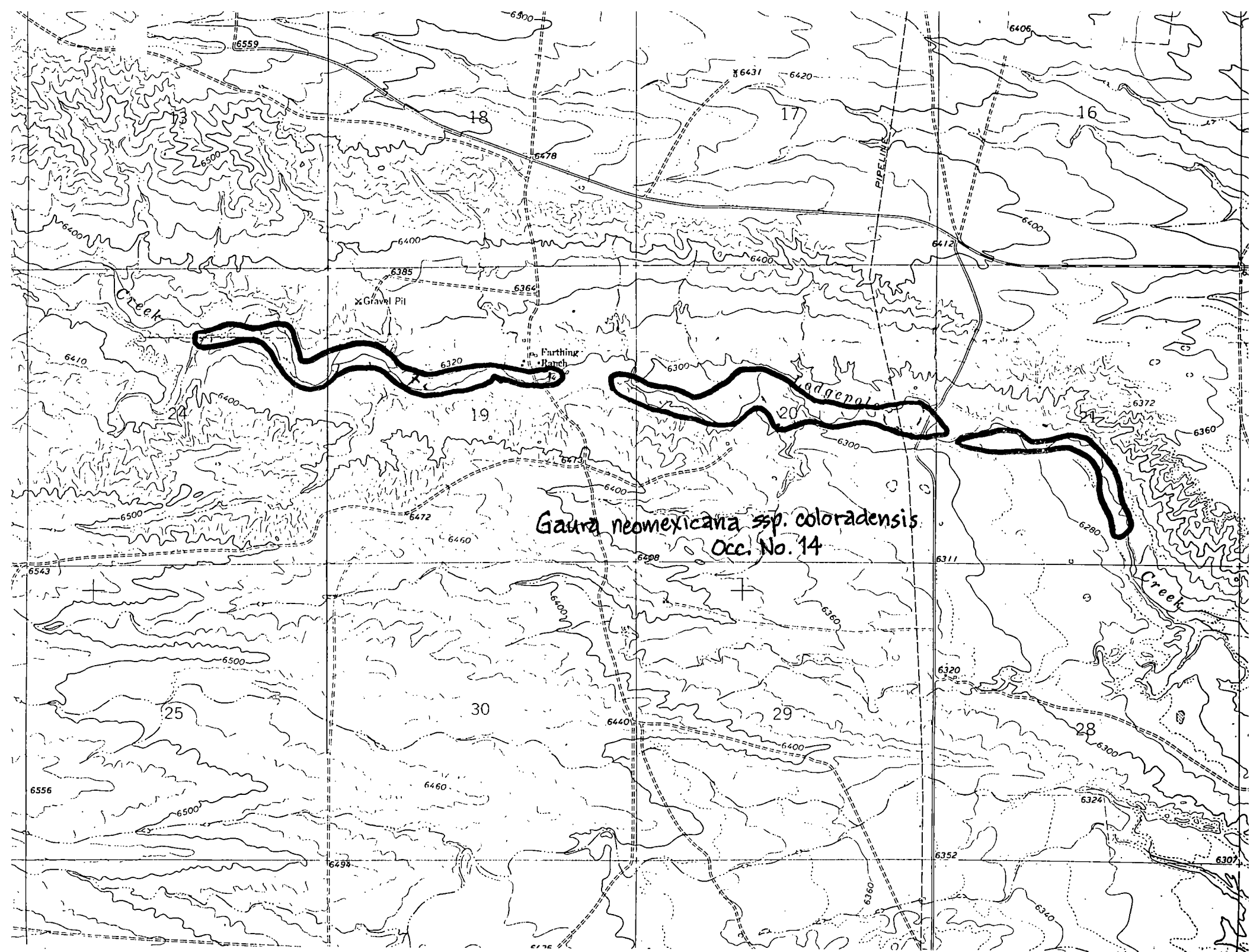
BESTSOURCE: NEIGHBOURS, MARY, 586, 587, 591 REPOS (RM); MARRIOTT, HOLLIS
, 10596 REPOS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: Y OWNERINFO:

TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:

UPDATE: 86-11-30 HJM



ECCODE: PDNA080F1.015

NAME: GAURA NEOMEXICANA SSP. COLORADENSIS

COMNAME:

COLORADO BUTTERFLY PLANT

MARGINUM: 0 TENTEN: IDENT: Y EORANK:

EDRANKCOMM:

SURVEYDATE: 1986-08 LASTOBS: 1986-09-02 FIRSTOBS: GRANK: GST2

SRANK: S2 STATE: WY COUNTYNAM: WYLARA

QUADCODE: 4110427 4110428

QUADNAME: CHEYENNE NORTH, ROUND TOP LAKE PRECISION: SC

LAT: 410900 LONG: 1045220 S: 410835 N: 410930 E: 1045150 W: 1045300

TOWNRANGE: 014N067W SECTION: 27 MERIDIAN: 6P

TRSCOMM: + S34 NW, S35 SW SW PHYSPROV: 6P WATERSHED: 10190009

DIRECTIONS: CROW AND DIAMOND CRKS ON WARREN AFB FROM WEST BOUNDARY TO JU
ST BELOW CONFLUENCE AT FRONTIER AVE (A FEW INDIVIDUALS SCATT
ERED DOWNSTREAM TO 3RD ST)

GENDESC: MOIST MEADOWS AND WILLOW THICKETS ALONG CREEKS

ELEV: 6125 SIZE: 0

EODATA: 5564 PLANTS (PLUS NUMEROUS BASAL ROSETTES) GROWING IN VARIOU
S SIZED PATCHES WITH SCATTERED INDIVIDUALS IN BETWEEN

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:

MACODE3: WYFDDAFWARR1 CONTAINED3: Y ADDLMAS: MORELAND: MOREPROT:

MOREMSMT: SITECODE:

SITENAME: WARREN AFB

OWNER:

OWNERCOMM:

PROTCOMM:

MSMTCOMM:

MONITOR: MONITORNUM:

BESTSOURCE: MARRIOTT, HOLLIS

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: Y OWNERINFO:

TRANSCRIBR: 82-03-29 LAE CREV: MAPPER: QC:

UPDATE: 86-11-30 HJM

EDCODE: PDNA080F1.016
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: 1986-08-11 LASTOBS: 1986-08-11 FIRSTOBS: BRANK: GST2
SRANK: S2 STATE: WY COUNTYNAME: WYLARA
QUADCODE: 4110427 4110428
QUADNAME: CHEYENNE NORTH, ROUND TOP LAKE PRECISION: SC
LAT: 410807 LONG: 1045215 S: 410802 N: 410812 E: 1045200 W: 1045230
TOWNRANGE: 014N067W SECTION: 34 MERIDIAN: 6P
TRSCOMM: S2 PHYSPROV: GP WATERSHED:
DIRECTIONS: WARREN AFB, FIRST DRAINAGE S OF HIGH SECURITY AREA COMPOUND,
FROM SW BASE BOUNDARY ENE ACROSS CHEYENNE RD TO DOUGLAS ST

GENDESC: MOIST MEADOWS AND STREAMBANKS, NEAR CULVERTS AT DOUGLAS ST;
WITH POA PRATENSIS, GLYCYRRIZA LEPIDOTA, SOLIDAGO CANADENSIS
, HELIANTHUS NUTTALLII, SALIX EXIGUA, AGROSTIS STOLONIFERA
ELEV: 6175 SIZE: 0
EODATA: 565 PLANTS (195 WSW OF CHEYENNE RD, 370 ENE)

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: WYFDDAFWARR1 CONTAINED3: Y ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: WARREN AFB SW
OWNER:
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: MARRIOTT, H.

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM

EDCODE: PDONA080F1.017
NAME: GAURA NEOMEXICANA SSP COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 1 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: LASTOBS: 1986-08-25 FIRSTOBS: GRANK: 65T2
SRANK: S2 STATE: WY COUNTYNAME: WYLARA
QUADCODE: 4110428 4110418
QUADNAME: ROUND TOP LAKE, BORIE PRECISION: SC
LAT: 410800 LONG: 1045400 S: 410705 N: 410840 E: 1045300 W: 1045530
TOWNRANGE: 014N067W SECTION: 32 MERIDIAN: 6P
TRSCOMM: S27,31,33,34;13NSS,6 PHYSPROV: 6P WATERSHED: 0190009
DIRECTIONS: DIAMOND CREEK & TRIBUTARY TO NW, BETWEEN WARREN AFB AND INTE
RSTATE 80; ACCESSIBLE VIA WY STATE HWYS 222 (ROLLING HILLS E
STATES) OR 210 (WY ANGUS RANCH)
GENDESC: SILTY LOAM ALLUVIUM ALONG CREEK AND RESERVOIR; 6180-6350 FT
ASL; RESERVOIR, HAY FIELDS, PASTURES PRESENT

ELEV: 6250 SIZE: 0
EODATA: 930 INDIVIDUALS (1985 + 1986 INVENTORIES OF DIFFERENT PARTS
OF EO); RICH HABITAT, PROBABLY MORE PLANTS IN UNSURVEYED SEC
TION BETWEEN ANGUS RANCH AND ROLLING HILLS ESTATES

COMMENTS: PART OF OCCURRENCE IS IN HOUSING DEVELOPMENT GREENBELT (EVID
ENCE OF SPRAYING); GRAZED IN PART
MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MDRELAND: MDREPROT:
MOREMGMT: SITECODE:
SITENAME: DIAMOND CREEK WEST
OWNER: WY ANGUS RANCH; G A KING +
OWNERCOMM: ROLLING HILLS ESTATES (HOUSING SUBDIVISION)
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORUM:
BESTSOURCE: DORN, ROBERT, 3141, 3191 REPOS (RM); LICHVAR, ROBERT, 7070,
7072 REPOS (RM); NEIGHBOURS, MARY, 583, 584, 585 REPOS, (RM)
SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 79-10-17 RWL CDREV: MAPPER: 87-04-10 HJM QC:
UPDATE: 87-04-15 HJM

EOCODE: PDONA080F1.018
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMMONNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: 1986-09-11 LASTOBS: 1986-09-11 FIRSTOBS: GRANK: GST2
SRANK: S2 STATE: WY COUNTYNAM: WYLARA
QUADCODE: 4110418
QUADNAME: BORIE PRECISION: SC
LAT: 410540 LONG: 1045530 S: 0 N: 0 E: 0 W: 0
TOWNRANGE: 013N067W SECTION: 18 MERIDIAN: 6P
TRSCOMM: NE4SE4 PHYSPROV: 6P WATERSHED:
DIRECTIONS: SPRING CREEK AT REES RANCH ON OTTO RD, 3 MI W OF JCT WITH IN
TERSTATE 80; S SIDE OF RESERVOIR JUST W OF RANCH HOUSE

GENDESC: OLD BADGER HOLE AT EDGE OF HAY MEADOW

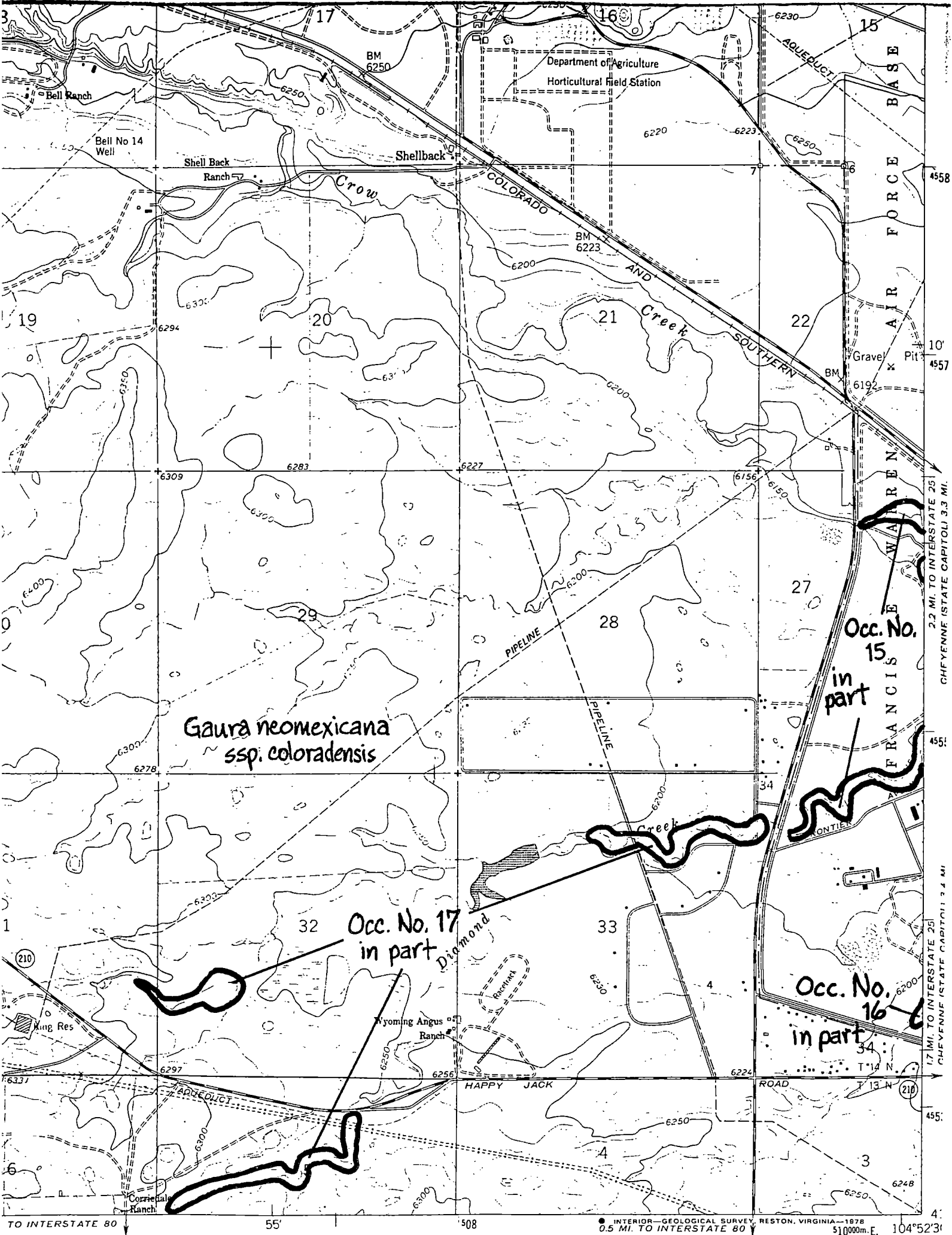
ELEV: 6330 SIZE: 0
EODATA: 8 PLANTS (6 FRUITING, 2 ROSETTES) CLUSTERED IN AND AROUND OL
D BADGER HOLE

COMMENTS:

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: SPRING CREEK
OWNER: REES RANCH
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: NEIGHBOURS, MARY, 592 REPOS (RM)

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM

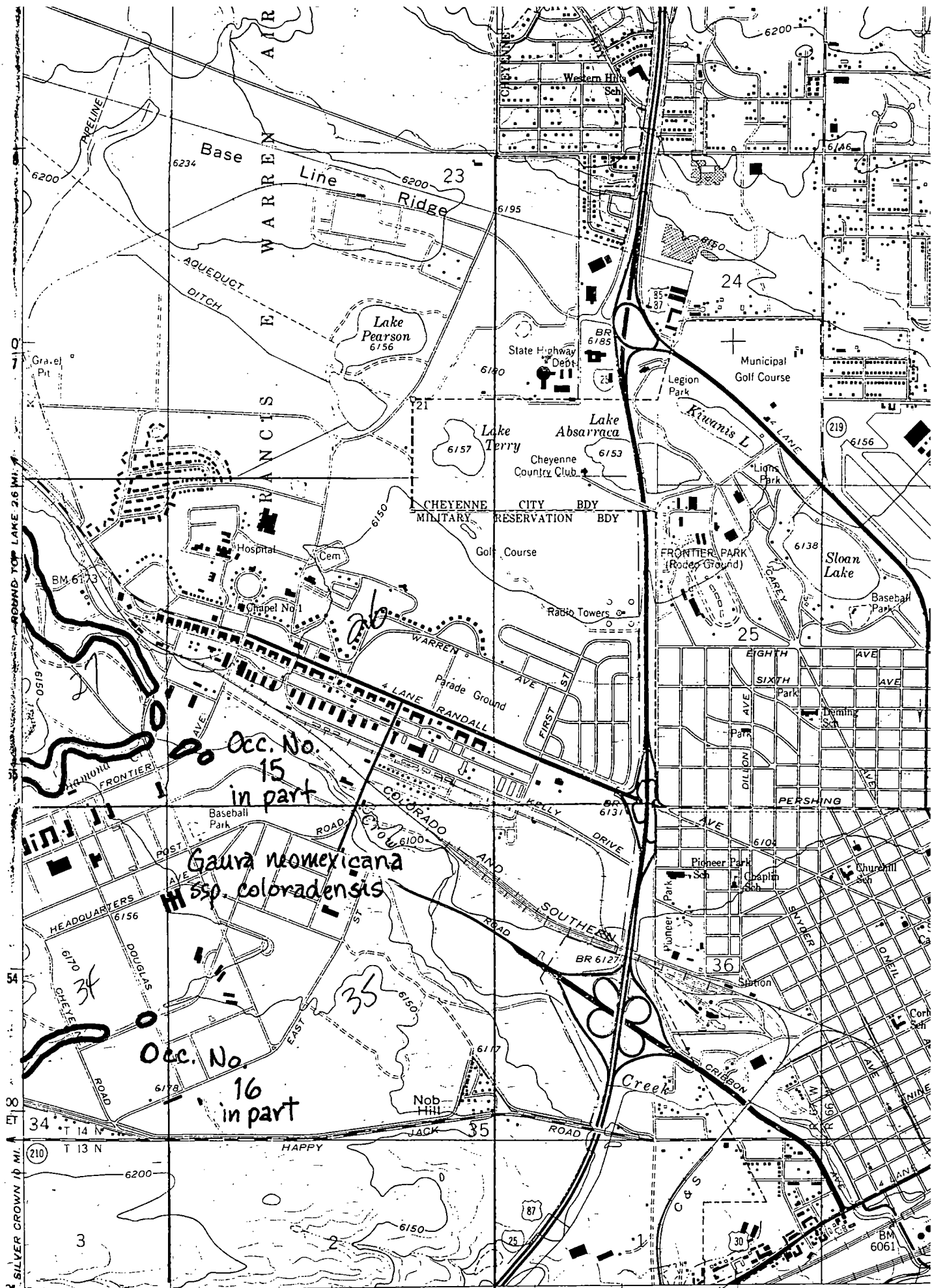


Gaura neomexicana
ssp. *coloradensis*

Occ. No. 17
in part

Occ. No. 15
in part

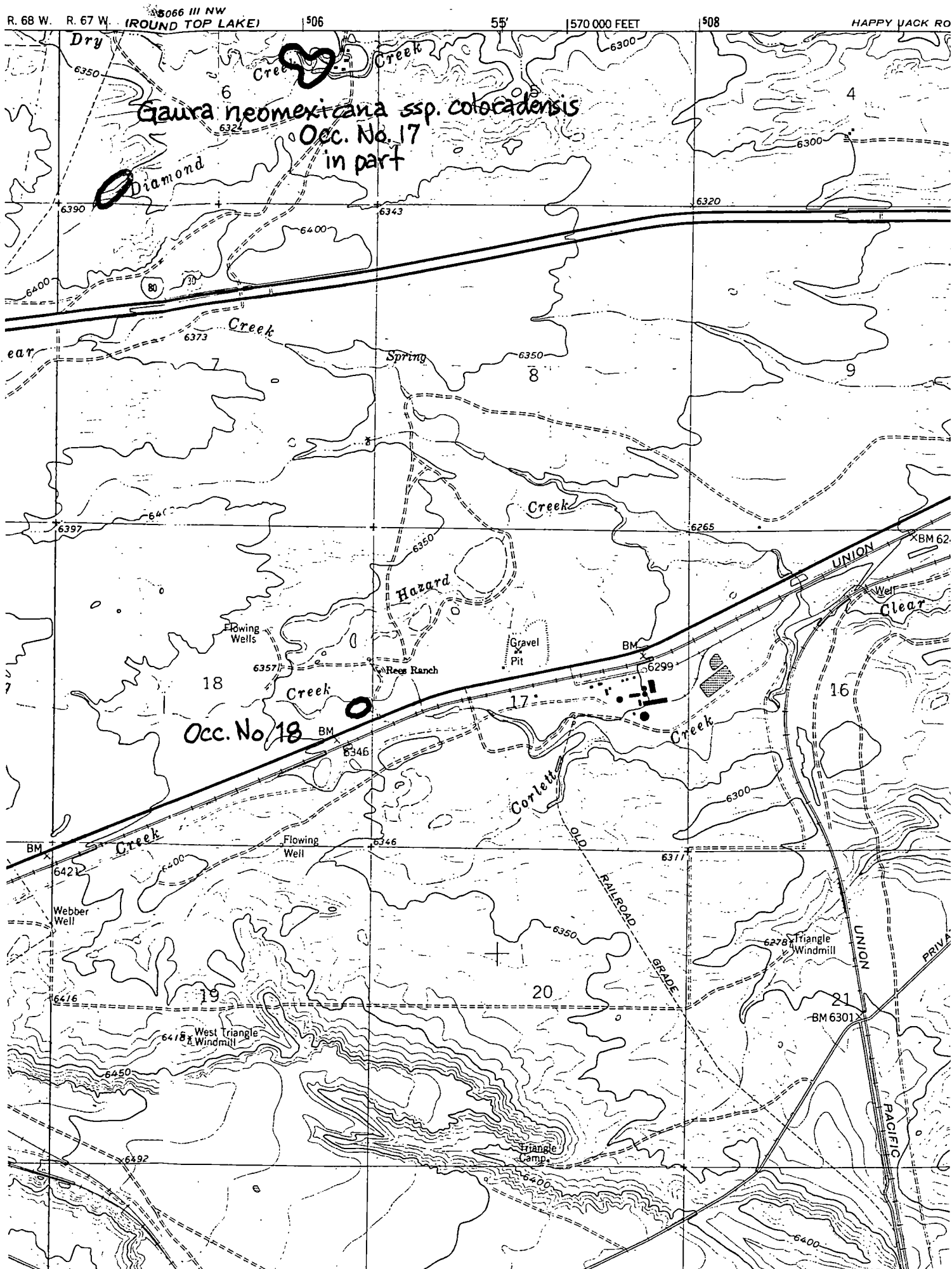
Occ. No. 16
in part



52°30' 1511 1512 0.6 MI. TO U.S. 30 1513 590 000 FEET 50' OTTO 11 MI. LARAMIE 48 MI.

Fort Collins (COLO.) 141.40 MI

Control by USGS and NOS/NOAA



ECCODE: PDONA080F1.019
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EDRANK:
EDRANKCOMM:
SURVEYDATE: LASTOBS: 1977-08 FIRSTOBS: GRANK: G5T2
SRANK: S2 STATE: WY COUNTYNAME: WYLARA
QUADCODE: 4110418
QUADNAME: BORIE PRECISION: SC
LAT: 410410 LONG: 1045730 S: 410330 N: 410415 E: 1045530 W: 1045815
TOWNRANGE: 013N068W SECTION: 26 MERIDIAN: 6P
TRSCOMM: NE, S25NW; R67WS31NNW PHYSPROV: 6P WATERSHED: 10190008
DIRECTIONS: LONE TREE CREEK SW OF BORIE; ACCESSIBLE VIA GRAVEL RD S FROM
OTTO RD CA 1.5 MI E OF BORIE

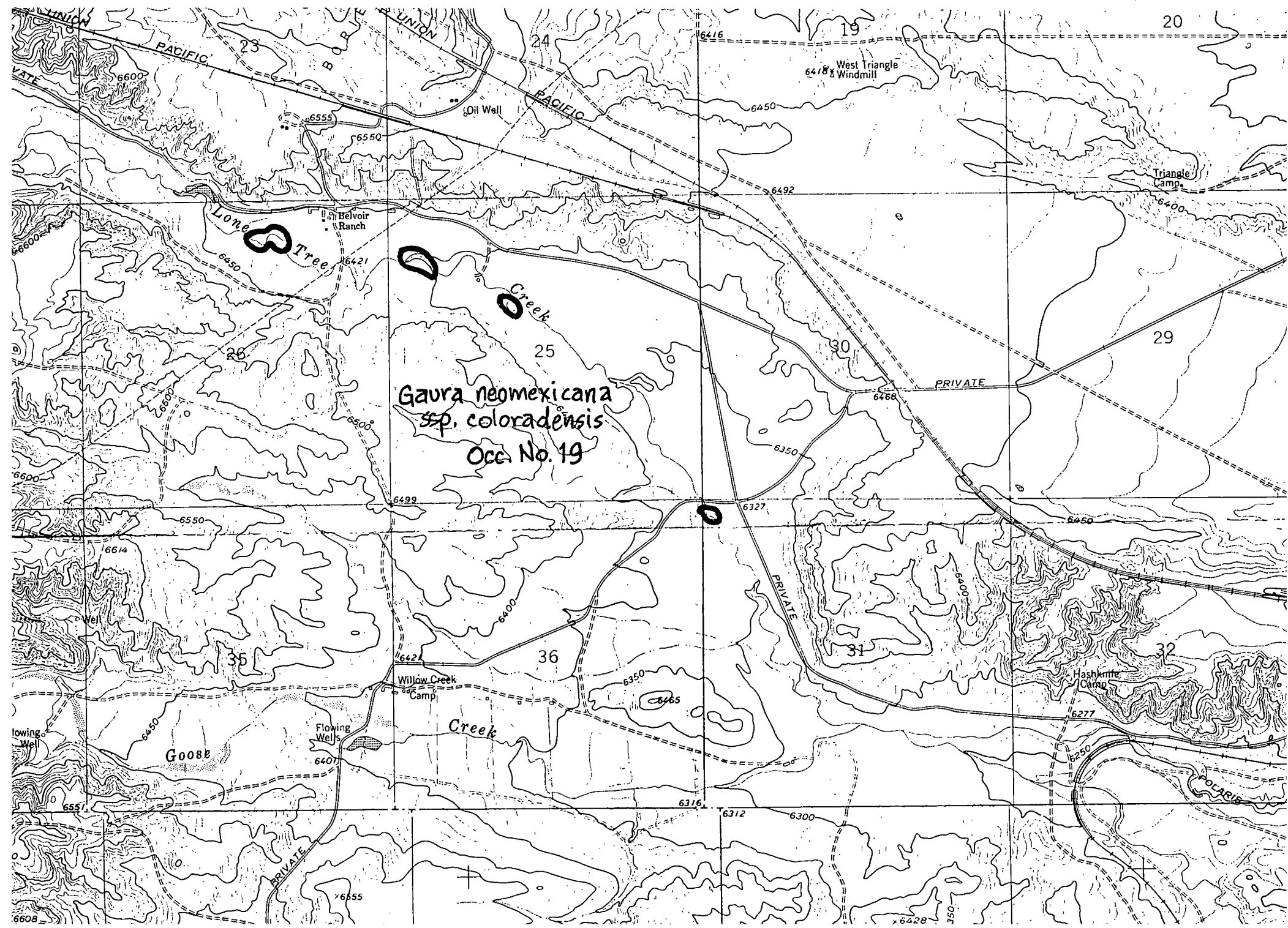
GENDESC: MEADOW WITH LINUM, HELIANTHUS, ASTER

ELEV: 6400 SIZE: 0
EDDATA: LESS THAN 100 FLOWERING INDIVIDUALS

COMMENTS: SPRAYED AT RD CROSSING

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: LONE TREE CREEK
OWNER: DUCK CR GRZG A; BELVOIR GRZG A
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORUM:
BESTSOURCE: DORN, ROBERT D., 3000 REPOS (RM)
301562
SOURCECODE: RM R

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 79-10-16 RWL CDREV: MAPPER: QC:
UPDATE: 86-11-86 HJM



ECCODE: PDONA080F1.020
NAME: GAURA NEOMEXICANA SSP. COLORADENSIS
COMNAME:
COLORADO BUTTERFLY PLANT
MARGNUM: 0 TENTEN: IDENT: Y EORANK:
EORANKCOMM:
SURVEYDATE: 1984 LASTOBS: 1984 FIRSTOBS: GRANK: GST2
SRANK: S2 STATE: WY COUNTYNAM: WYLARA
QUADCODE: 4110418
QUADNAME: BORIE PRECISION: SC
LAT: 410140 LONG: 1045625 S: 0 N: 0 E: 0 W: 0
TOWNRANGE: 012N067W SECTION: 07 MERIDIAN: 6P
TRSCOMM: NW4NW4 PHYSPROV: 6P WATERSHED:
DIRECTIONS: DUCK CREEK CA 2 AIR MI N OF WY-CO STATE LINE, CA 3 AIR MI W
OF INTERSTATE 25; ACCESSIBLE VIA FIRST EXIT N OF STATE LINE

GENDESC:

ELEV: 6250 SIZE: 0
EDDATA: 42 FLOWERING INDIVIDUALS

COMMENTS: PERIODICALLY SPRAYED; GRAZED

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:
MOREMGMT: SITECODE:
SITENAME: DUCK CREEK
OWNER: DUCK CR GRZG ASSOC
OWNERCOMM:
PROTCOMM:
MGMTCOMM:
MONITOR: MONITORNUM:
BESTSOURCE: DORN, R.

SOURCECODE:

DATASENS: N BOUNDARIES: Y PHOTOS: OWNERINFO:
TRANSCRIBR: 86-11-30 HJM CDREV: MAPPER: QC:
UPDATE: 86-11-30 HJM

= Occ. No. 21

COLORADO
SITE

ECCODE: PDONA080F1.003

NAME: GAURA NEOMEXICANA SSP COLORADENSIS

COMNAME:

COLORADO BUTTERFLYWEED

MARGNUM: 1 TENTEN: IDENT: Y EORANK: D

EO RANK COMM: LARGEST KNOWN CO OCCURRENCE;

SURVEYDATE: 1984-08-02 LASTOBS: 1904-08-20 FIRSTOBS: 1979 GRANK: G5T1

SRANK: S1 STATE: CO COUNTYNAME: COWELD

QUADCODE: 4010488

QUADNAME: CARR WEST, COLO

PRECISION: SC

LAT: 405700 LONG: 1045535 S: 0 N: 0 E: 0 W: 0

TOWNRANGE: 011N067W SECTION: 06 MERIDIAN: 6P

TRSCOMM: E2; PHYSPROV: WATERSHED: 10190008

NATREGION:

DIRECTIONS: ON LONETREE CREEK; 3.3-3.7 MI. SOUTH OF WYOMING BORDER, ALONG
I-25; SOUTH OF NATURAL FORT REST AREA (A SANDSTONE OUTCROP; ON
BOTH SIDES OF STREAM.

GENDESC: GEOL: ALLUVIUM ADJACENT TO OLIIGOCENE SANDSTONE; ASPECT: SOUTH-
ERLY; SOIL: LOAMY SAND; SLOPE: LEVEL; ASSOC TAXA: SALIX, JUNCUS
CAREX, POLYGONUM, CIRSIIUM, LYCOPUS, GRINDELIA, POA.

ELEV: 5890 SIZE: 0

EODATA: SITE CONSISTS OF TWO PATCHES LOCATED 0.3 MI. APART ALONG
STREAM; CA. 200 + 2 INDIVIDUALS; PLANTS HEAVILY GRAZED; 1ST
YR. ROSETTES TWICE THE NUMBER OF MATURE; FRUIT EARLY AUG;
FLOWER LATE JUL-EARLY AUG.

COMMENTS: STREAMSIDE HEAVILY GRAZED AND TRAMPLED; HORSES NOTED.

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT: Y

MOREMGMT: Y SITECODE:

SITENAME: NATURAL FORT

OWNER:

OWNERCOMM:

00

PROTCOMM: 9

MGMTCOMM:

MONITOR:

MONITORNUM:

BESTSOURCE: NEESE, ELIZABETH AND PETERSON, J. SCOTT,
ROCKY MOUNTAIN HERITAGE TASK FORCE, DENVER, CO.

SOURCECODE: F84NEE01CO PNDPETO1CO PNDNEE01UT PNDWILO1CO

DATASENS: N BOUNDARIES: Y PHOTOS: Y OWNERINFO: Y

TRANSCRIBR: 85-07-02 JSP CDREV: N MAPPER:

QC:

UPDATE: 85-07-02 JSP

= Occ. No. 22

COLORADO
SITE

ECCODE: PDONAD80F1.005

NAME: GAURA NEOMEXICANA SSP COLORADENSIS

COMNAME:

COLORADO BUTTERFLYWEED

MARGNUM: 3 TENTEN: IDENT: Y EORANK: C

EOANKCOMM: 30+ IND. IN A FENCED EXCLOSURE, RELATIVELY UNGRAZED.

SURVEYDATE: 1984-08-06 LASTOBS: 1984-08-20 FIRSTOBS: 1984 GRANK: G5T1

SRANK: S1 STATE: CO COUNTYNAME: COWELD

QUADCODE: 4010488

QUADNAME: CARR WEST, COLO

PRECISION: SC

LAT: 405934 LONG: 1045421 S: O N: O E: O W:

TOWNRANGE: 012N067W SECTION: 21 MERIDIAN: 6P

TRSCOMM: SW4NW4

PHYS PROV:

WATERSHED:

NATREGION:

DIRECTIONS: 0.5 MI. SOUTH OF WYOMING BORDER ALONG LONE TREE CREEK;
TRIBUTARY ABOUT ONE SIXTH MI. EAST OF I-25.

GENDESC: GEOL: ALLUVIUM; ASPECT: SOUTHERLY; SOIL: LOAMY SAND; SLOPE: 0;
ASSOC TAXA: SCIRPUS, JUNCUS, AGROSTIS, CIRSIIUM, ASTER, CAREX,
GENTIANELLA, SOLIDAGO, MUHLENBERGIA, HORDEUM, ROSA.

ELEV: 6030 SIZE: 1

EODATA: 30 FLOWERING PLANTS AND CA. 50 BASAL ROSETTES OCCURRING IN
TWO PATCHES CA. 50 M. APART; FLOWERING & FRUITING ON 01AUG84

COMMENTS: SITE SURROUNDED BY OLD FENCE IN NEED OF REPAIR.

MACODE1: CONTAINED1: MACODE2: CONTAINED2:
MACODE3: CONTAINED3: ADDLMAS: MORELAND: MOREPROT:

MOREMGMT: Y SITECODE:

SITENAME: COLO-WYO BORDER

OWNER:

OWNERCOMM:

PROTCOMM:

MGMTCOMM: MOSTLY NATIVE TAXA.

MONITOR:

MONITORNUM:

BESTSOURCE: NEESE, ELIZABETH,

ROCKY MOUNTAIN HERITAGE TASK FORCE, DENVER, CO.

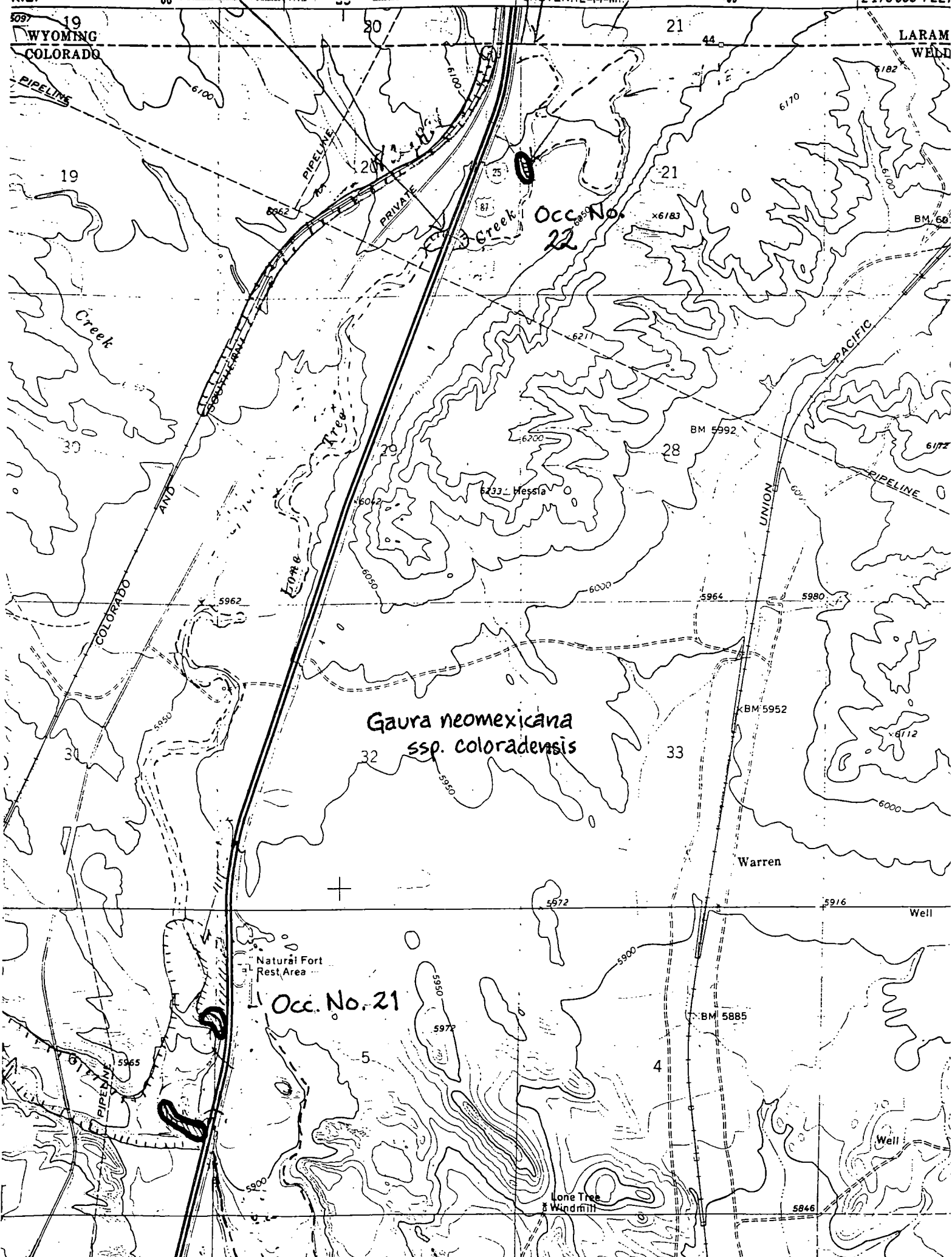
SOURCECODE: F84NEE01CO PNDPETO1CO PNDNEE01UT PNDWILO1CO

DATASENS: N BOUNDARIES: Y PHOTOS: Y OWNERINFO: Y

TRANSCRIBR: 86-07-02 JSP CDREV: N MAPPER:

QC:

UPDATE: 86-07-02 JSP



19
WYOMING
COLORADO

LARAMIE
WELD

Occ. No.
22

Gaura neomexicana
ssp. *coloradensis*

Occ. No. 21

Natural Fort
Rest Area

Lone Tree
& Windmill

Warren

Well

Well