DRAWING NUMBER 368

ANR PRODUCTION CO.

PROPOSED SURFACE USE AREA, ROAD & PIPELINE RIGHT-OF-WAY

(For Ellsworth #3-20B4)

LOCATED IN
SECTIONS 19, 20, & 30, T2S, R4W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

ROAD AND PIPELINE RIGHT-OF-WAY DESCRIPTION ACROSS SHELL OIL PROPERTIES

A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 OF SECTION 30, T2S, R4W, U.S.B.&M. WHICH BEARS S57°57'49"E 1498.72' FROM THE NORTH 1/4 CORNER OF SAID SECTION, THENCE N31°48'16"E 37.50'; THENCE N00°13'17"E 144.64'; THENCE N04°31'16"W 229.15'; THENCE N01°07'54"W 256.95'; THENCE N06°03'23"E 118.38' TO A POINT ON THE NORTH LINE OF THE SAID NE 1/4 OF SECTION 30 WHICH BEARS S89°18'33"E 1280.25' FROM THE SAID NORTH 1/4 CORNER. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 20, T2S, R4W, U.S.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 0.90 ACRES MORE OR LESS.

ROAD AND PIPELINE RIGHT-OF-WAY DESCRIPTION ACROSS FRED VEIGA TRUSTEE – PATCHE VEIGA PROPERTIES

A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE SOUTH LINE OF LOT 21 OF THE SUNDANCE WEST – UNIT A SUBDIVISION LOCATED IN THE SE 1/4 OF SECTION 19, T2S, R4W, U.S.B.&M. WHICH BEARS S89°18'33"E 1280.25' FROM THE SOUTH 1/4 CORNER OF SAID SECTION, THENCE N06°03'23"E 63.00'; THENCE N16°24'02"E 116.16'; THENCE N32°28'47"E 317.10'; THENCE N35°23'43"E 71.02' TO A POINT ON THE EAST LINE OF SAID LOT 21 WHICH BEARS S26°28'58"W 2372.47' FROM THE EAST 1/4 CORNER OF SAID SECTION. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 20, T2S, R4W, U.S.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 0.65 ACRES MORE OR LESS.

ROAD AND PIPELINE RIGHT-OF-WAY DESCRIPTION ACROSS ELLSWORTH, DUCHESNE COUNTY, & MATSUMOTO PROPERTIES

A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE WEST LINE OF LOT 28A OF THE SUNDANCE WEST – UNIT A SUBDIVISION LOCATED IN THE SE 1/4 OF SECTION 19, T2S, R4W, U.S.B.&M. WHICH BEARS S26°28'58"W 2372.47' FROM THE EAST 1/4 CORNER OF SAID SECTION, THENCE N35°23'43"E .23.71'; THENCE N50°31'05"E 106.27'; THENCE N55°25'10"E 901.17' TO A POINT ON THE WEST LINE OF LOT 31 OF SAID SUNDANCE WEST-UNIT A SUBDIVISION WHICH BEARS S08°13'02"W 1540.98' FROM THE EAST 1/4 CORNER OF SAID SECTION. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SAID SECTION 20 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 1.18 ACRES MORE OR LESS.

ROAD AND PIPELINE RIGHT-OF-WAY DESCRIPTION ACROSS LILLIAN ELLSWORTH PROPERTIES

A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE WEST LINE OF LOT 31 OF THE SUNDANCE WEST – UNIT A SUBDIVISION LOCATED IN THE SE 1/4 OF SECTION 19, T2S, R4W, U.S.B.&M. WHICH BEARS S08°13'02"W 1540.98' FROM THE EAST 1/4 CORNER OF SAID SECTION 19, THENCE N55°25'10"E 217.59'; THENCE N52°58'53"E 124.45' TO A POINT ON THE NORTH LINE OF SAID LOT 31 LOCATED IN THE SW 1/4 OF SECTION 20, T2S, R4W, U.S.B.&M. WHICH BEARS S02°30'53"E 1328.01' FROM THE SAID EAST 1/4 CORNER OF SECTION 19., ALSO, BEGINNING AT A POINT ON THE SOUTH LINE OF LOT 33 OF THE SUNDANCE WEST – UNIT A SUBDIVISION LOCATED IN THE SW 1/4 OF SAID SECTION 20 WHICH BEARS S24°24'42"E 1116.24' FROM THE WEST 1/4 CORNER OF SAID SECTION 20, THENCE N43°23'57"E 59.42'; THENCE N44°42'00"E 282.06'; THENCE N24°21'38"E 204.93' TO A POINT ON THE GRANTOR'S NORTHEAST PROPERTY LINE WHICH BEARS S53°15'26"E 979.73' FROM THE SAID WEST 1/4 CORNER. ALSO, BEGINNING AT A POINT ON THE SOUTHEAST LINE OF LOT 84 OF THE SUNDANCE WEST – UNIT B SUBDIVISION WHICH BEARS N74°19'26"E 1738.27' FROM THE SAID WEST 1/4 CORNER, THENCE N48°08'42"W 446.82'; THENCE N27°15'49"W 117.73' TO A POINT IN SAID LOT 84 WHICH BEARS N55°51'49"E 1554.75' FROM THE SAID WEST 1/4 CORNER OF SECTION 20. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SAID SECTION 20 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 1.67 ACRES MORE OR LESS.

ROAD AND PIPELINE RIGHT-OF-WAY DESCRIPTION ACROSS LANDMARK INC. PROPERTIES

A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE SOUTH LINE OF LOT 32 OF THE SUNDANCE WEST – UNIT A SUBDIVISION LOCATED IN THE SW 1/4 OF SECTION 20, T2S, R4W, U.S.B.&M. WHICH BEARS S02°30'53"E 1328.01' FROM THE WEST 1/4 CORNER OF SAID SECTION, THENCE N52°58'53"E 478.59'; THENCE N43°23'57"E 30.48' TO A POINT ON THE NORTH LINE OF SAID LOT 32 WHICH BEARS S24°24'42"E 1116.24' FROM THE SAID WEST 1/4 CORNER. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF THE SAID NW 1/4 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 0.58 ACRES MORE OR LESS.

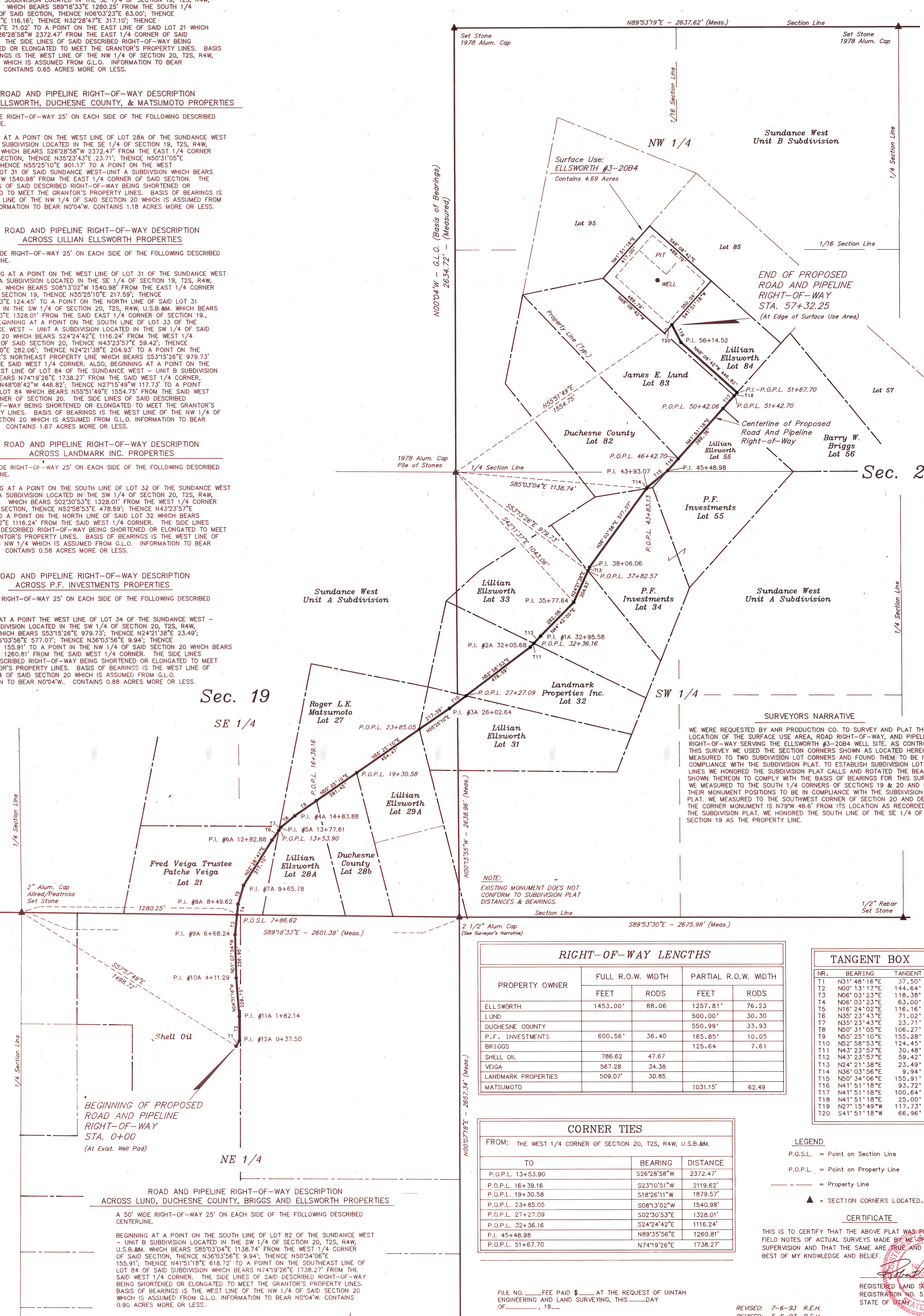
ROAD AND PIPELINE RIGHT-OF-WAY DESCRIPTION ACROSS P.F. INVESTMENTS PROPERTIES

A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT THE WEST LINE OF LOT 34 OF THE SUNDANCE WEST – UNIT A SUBDIVISION LOCATED IN THE SW 1/4 OF SECTION 20, T2S, R4W, U.S.B.&M. WHICH BEARS S53°15'26"E 979.73'; THENCE N24°21'38"E 23.49'; THENCE N36°03'56"E 577.07'; THENCE N36°03'56"E 9.94'; THENCE N50°34'06"E 155.91' TO A POINT IN THE NW 1/4 OF SAID SECTION 20 WHICH BEARS N89°35'56"E 1260.81' FROM THE SAID WEST 1/4 CORNER. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SAID SECTION 20 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W.. CONTAINS 0.88 ACRES MORE OR LESS.

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN LOT 84 OF THE SUNDANCE WEST – UNIT B SUBDIVISION LOCATED IN THE NW 1/4 OF SECTION 20, T2S, R4W, U.S.B.&M. WHICH BEARS N55°51'49"E 1554.75' FROM THE WEST 1/4 CORNER OF SAID SECTION, THENCE S41°51'18"W 66.96' TO A POINT ON THE SOUTHWEST LINE OF SAID LOT 84; THENCE N48°08'42"W ALONG SAID LOT LINE A DISTANCE OF 489.79' TO THE NORTHWEST CORNER OF SAID LOT 84; THENCE N41°51'18"E 417.00' TO THE NORTHEAST CORNER OF SAID LOT 84; THENCE S48°08'42"E ALONG THE NORTHEAST LINE OF SAID LOT 84 A DISTANCE OF 489.79'; THENCE S41°51'18"W 350.04' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE WEST LINE OF THE SAID NW 1/4 WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N0°04'W. CONTAINS 4.69 ACRES MORE OR LESS.



RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FULL R.O.W. WIDTH		PARTIAL R.O.W. WIDTH	
	FEET	RODS	FEET	RODS
ELLSWORTH	1453.00'	88.06	1257.81'	76.23
LUND			500.00'	30.30
DUCHESNE COUNTY			550.99'	33.93
P.F. INVESTMENTS	600.56'	36.40	165.85'	10.05
BRIGGS			125.64	7.61
SHELL OIL	786.62	47.67		
VEIGA	567.28	34.38		
LANDMARK PROPERTIES	509.07'	30.85		
MATSUMOTO			1031.15'	62.49

CORNER TIES

FROM: THE WEST 1/4 CORNER OF SECTION 20, T2S, R4W, U.S.B.&M.

TO	BEARING	DISTANCE
P.O.P.L. 13+53.90	S26°28'58"W	2372.47'
P.O.P.L. 16+39.16	S23°10'51"W	2119.62'
P.O.P.L. 19+30.58	S18°26'11"W	1879.57'
P.O.P.L. 23+85.05	S08°13'02"W	1540.98'
P.O.P.L. 27+27.09	S02°30'53"E	1328.01'
P.O.P.L. 32+36.16	S24°24'42"E	1116.24'
P.I. 45+48.98	N89°35'56"E	1260.81'
P.O.P.L. 51+67.70	N74°19'26"E	1738.27'

TANGENT BOX

NR.	BEARING	TANGENT
T1	N31°48'16"E	37.50'
T2	N00°13'17"E	144.64'
T3	N06°03'23"E	118.38'
T4	N06°03'23"E	63.00'
T5	N16°24'02"E	116.16'
T6	N35°23'43"E	71.02'
T7	N35°23'43"E	23.71'
T8	N50°31'05"E	106.27'
T9	N55°25'10"E	155.28'
T10	N52°58'53"E	124.45'
T11	N43°23'57"E	30.48'
T12	N43°23'57"E	59.42'
T13	N24°21'38"E	23.49'
T14	N36°03'56"E	9.94'
T15	N50°34'06"E	155.91'
T16	N41°51'18"E	93.72'
T17	N41°51'18"E	100.64'
T18	N41°51'18"E	25.00'
T19	N27°15'49"W	117.73'
T20	S41°51'18"W	66.96'

SURVEYORS NARRATIVE

WE WERE REQUESTED BY ANR PRODUCTION CO. TO SURVEY AND PLAT THE LOCATION OF THE SURFACE USE AREA, ROAD RIGHT-OF-WAY, AND PIPELINE RIGHT-OF-WAY SERVING THE ELLSWORTH #3-20B4 WELL SITE. AS CONTROL FOR THIS SURVEY WE USED THE SECTION CORNERS SHOWN AS LOCATED HEREON. WE MEASURED TO TWO SUBDIVISION LOT CORNERS AND FOUND THEM TO BE IN COMPLIANCE WITH THE SUBDIVISION PLAT. TO ESTABLISH SUBDIVISION LOT LINES WE HONORED THE SUBDIVISION PLAT CALLS AND ROTATED THE BEARINGS SHOWN THEREON TO COMPLY WITH THE BASIS OF BEARINGS FOR THIS SURVEY. WE MEASURED TO THE SOUTH 1/4 CORNERS OF SECTIONS 19 & 20 AND FOUND THEIR MONUMENT POSITIONS TO BE IN COMPLIANCE WITH THE SUBDIVISION PLAT. WE MEASURED TO THE SOUTHWEST CORNER OF SECTION 20 AND DETERMINED THE CORNER MONUMENT IS N79°W 48.6' FROM ITS LOCATION AS RECORDED ON THE SUBDIVISION PLAT. WE HONORED THE SOUTH LINE OF THE SE 1/4 OF SECTION 19 AS THE PROPERTY LINE.

LEGEND

P.O.S.L. = Point on Section Line
P.O.P.L. = Point on Property Line
— - — = Property Line
▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

FILE NO.____FEE PAID $____AT THE REQUEST OF UINTAH ENGINEERING AND LAND SURVEYING, THIS____DAY OF______, 19__.

DUCHESNE COUNTY SURVEYOR'S CERTIFICATE

THE DUCHESNE COUNTY SURVEYOR, HAS CHECKED THIS PLAT FOR FORM AND ADHERANCE TO THE STATE OF UTAH REQUIREMENTS FOR ITEMS TO BE ON A SURVEYOR'S PLAT FOR RECORDING WITH THE COUNTY SURVEYORS OFFICE, ON THIS______ DAY OF______, 19__.

DUCHESNE COUNTY SURVEYOR

REVISED: 7-6-93 R.E.H.
REVISED: 5-6-93 R.E.H.

UINTAH ENGINEERING & LAND SURVEYING
PHONE (801) 789-1017
85 SOUTH 200 EAST – VERNAL, UTAH 84078

SCALE: 1" = 300' (SEE BAR)	DATE SURVEYED: 3-26-93	DATE DRAWN: 3-29-93
SURVEYED BY: L.D.T. B.B.	DRAWN BY: R.E.H.	
WEATHER: COOL	FILE: 22209	

Duchesne County Surveyors File # 368