FORM 3

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
SA 16-27D-23

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
ALTAMONT

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME

6. NAME OF OPERATOR
BILL BARRETT CORP

7. OPERATOR PHONE
303 312-8134

8. ADDRESS OF OPERATOR
1099 18th Street Ste 2300, Denver, CO, 80202

9. OPERATOR E-MAIL
tfallang@billbarrettcorp.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
fee

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ◉

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ◉

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
Lloyd and Nancy Miles

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
HC 65 Box 16, Mt. Home, UT 84051

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	325 FSL 237 FEL	SESE	27	2.0 S	3.0 W	U
Top of Uppermost Producing Zone	810 FSL 810 FEL	SESE	27	2.0 S	3.0 W	U
At Total Depth	810 FSL 810 FEL	SESE	27	2.0 S	3.0 W	U

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
810

23. NUMBER OF ACRES IN DRILLING UNIT
640

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
11530

26. PROPOSED DEPTH
MD: 11850 TVD: 11787

27. ELEVATION - GROUND LEVEL
5672

28. BOND NUMBER
LPM4138148

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
49-2336

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	24	16	0 - 100	65.0	Unknown	8.7	No Used	0	0.0	0.0
SURF	12.25	9.625	0 - 1600	36.0	J-55 ST&C	8.7	Halliburton Light , Type Unknown	220	3.16	11.0
							Halliburton Premium , Type Unknown	230	1.39	14.8
I1	8.75	7	0 - 9700	26.0	P-110 LT&C	10.0	Unknown	770	2.31	11.0
							Unknown	320	1.42	13.5
L1	6.125	5	9500 - 11850	18.0	P-110 ST-L	11.5	Unknown	180	1.45	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Brady Riley **TITLE** Permit Analyst **PHONE** 303 312-8115

SIGNATURE **DATE** 02/08/2013 **EMAIL** briley@billbarrettcorp.com

API NUMBER ASSIGNED
43013520220000

APPROVAL
Permit Manager

BILL BARRETT CORPORATION

SA #16-27D-23

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 27, T2S, R3W, U.S.B.&M.

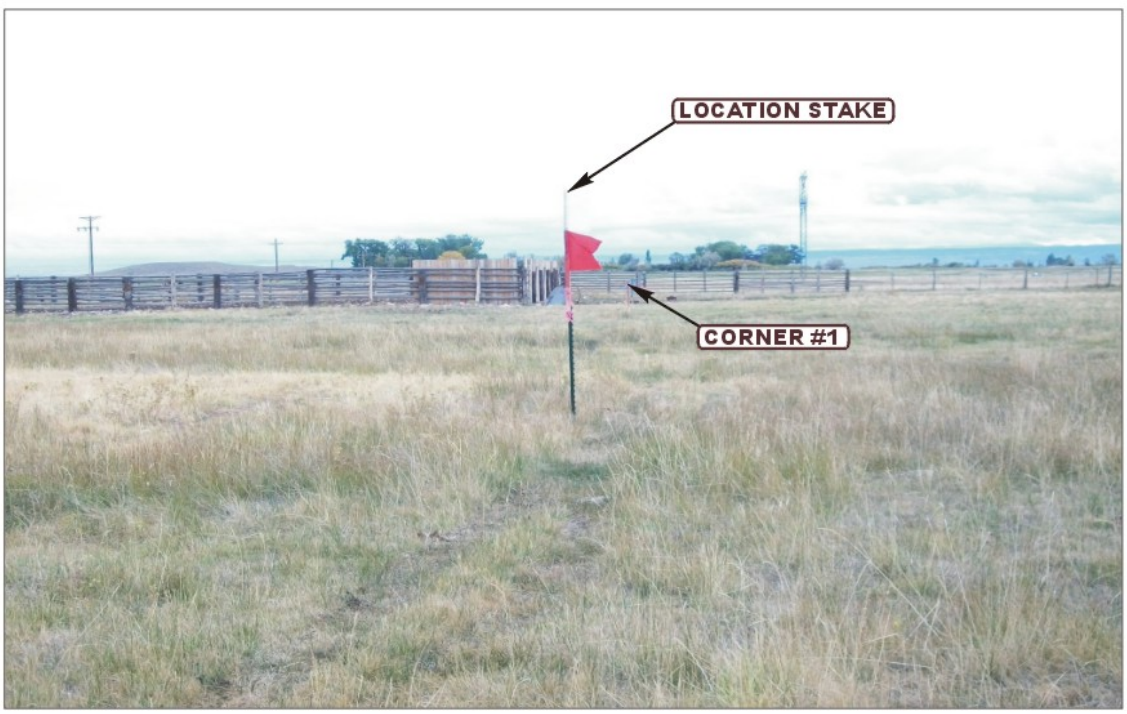


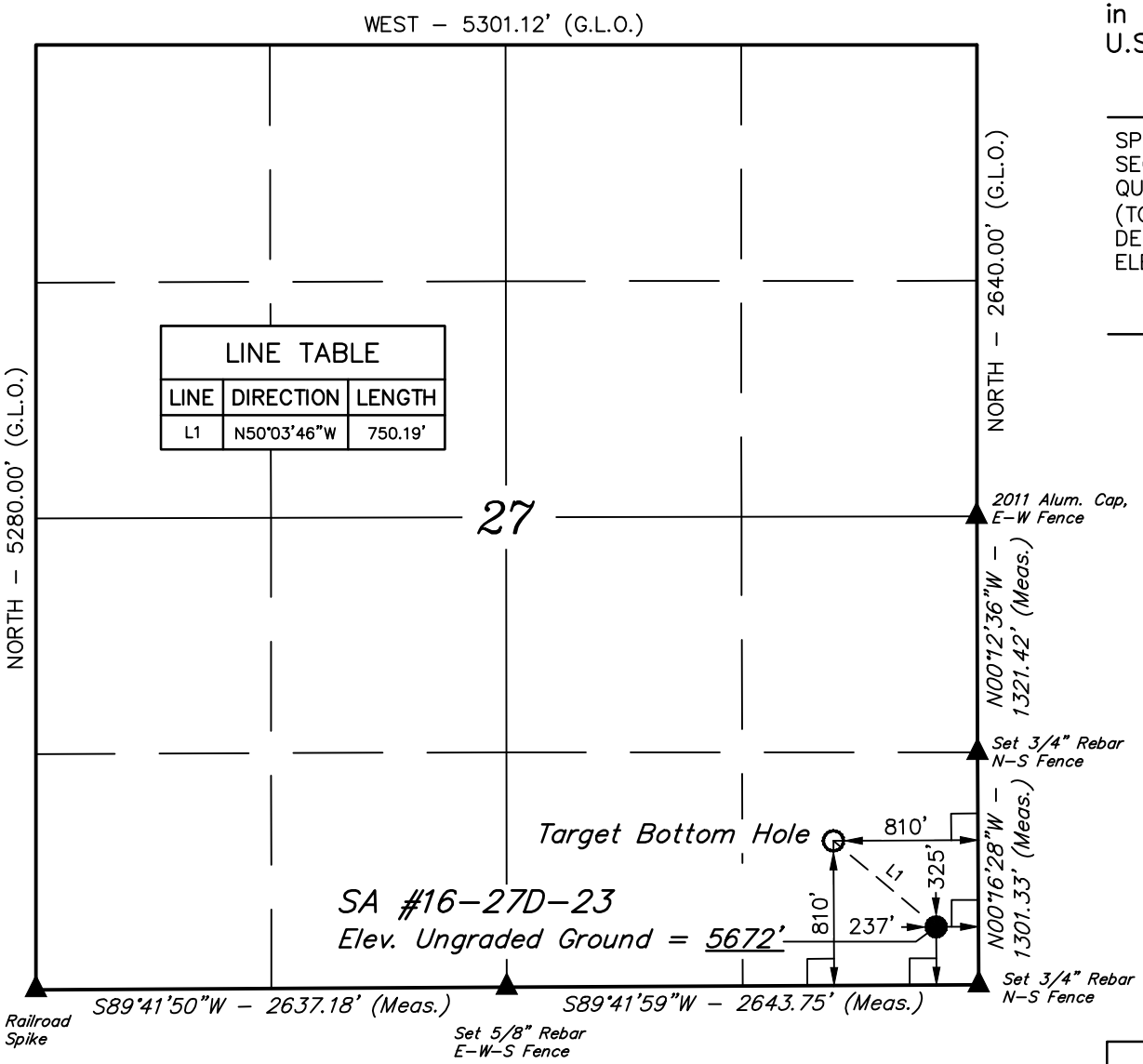
PHOTO: VIEW OF LOCATION STAKE LOOKING AT CORNER #1 **CAMERA ANGLE: SOUTHERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: WESTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	09 MONTH	27 DAY	12 YEAR	PHOTO
TAKEN BY: J.F.	DRAWN BY: C.I.	REVISED: 00-00-00		

T2S, R3W, U.S.B.&M.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N50°03'46"W	750.19'

BILL BARRETT CORPORATION

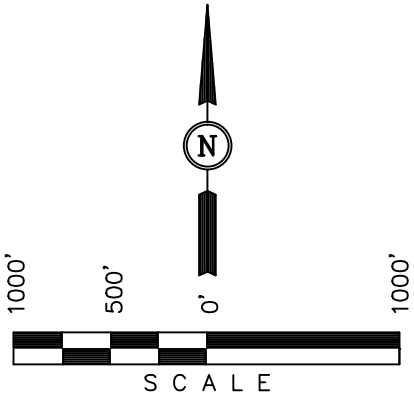
Well location, SA #16–27D–23, located as shown in the SE 1/4 SE 1/4 of Section 27, T2S, R3W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



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. 161319
STATE OF UTAH

04-17-13

REVISED: 04–17–13

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°16'29.14" (40.274761)	LATITUDE = 40°16'24.38" (40.273439)
LONGITUDE = 110°12'09.48" (110.202633)	LONGITUDE = 110°12'02.05" (110.200569)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°16'29.29" (40.274803)	LATITUDE = 40°16'24.53" (40.273481)
LONGITUDE = 110°12'06.93" (110.201925)	LONGITUDE = 110°11'59.50" (110.199861)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789–1017

SCALE 1" = 1000'	DATE SURVEYED: 09–25–12	DATE DRAWN: 09–27–12
PARTY J.F. D.O. C.A.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

SA #16-27D-23

SECTION 27, T2S, R3W, U.S.B.&M.

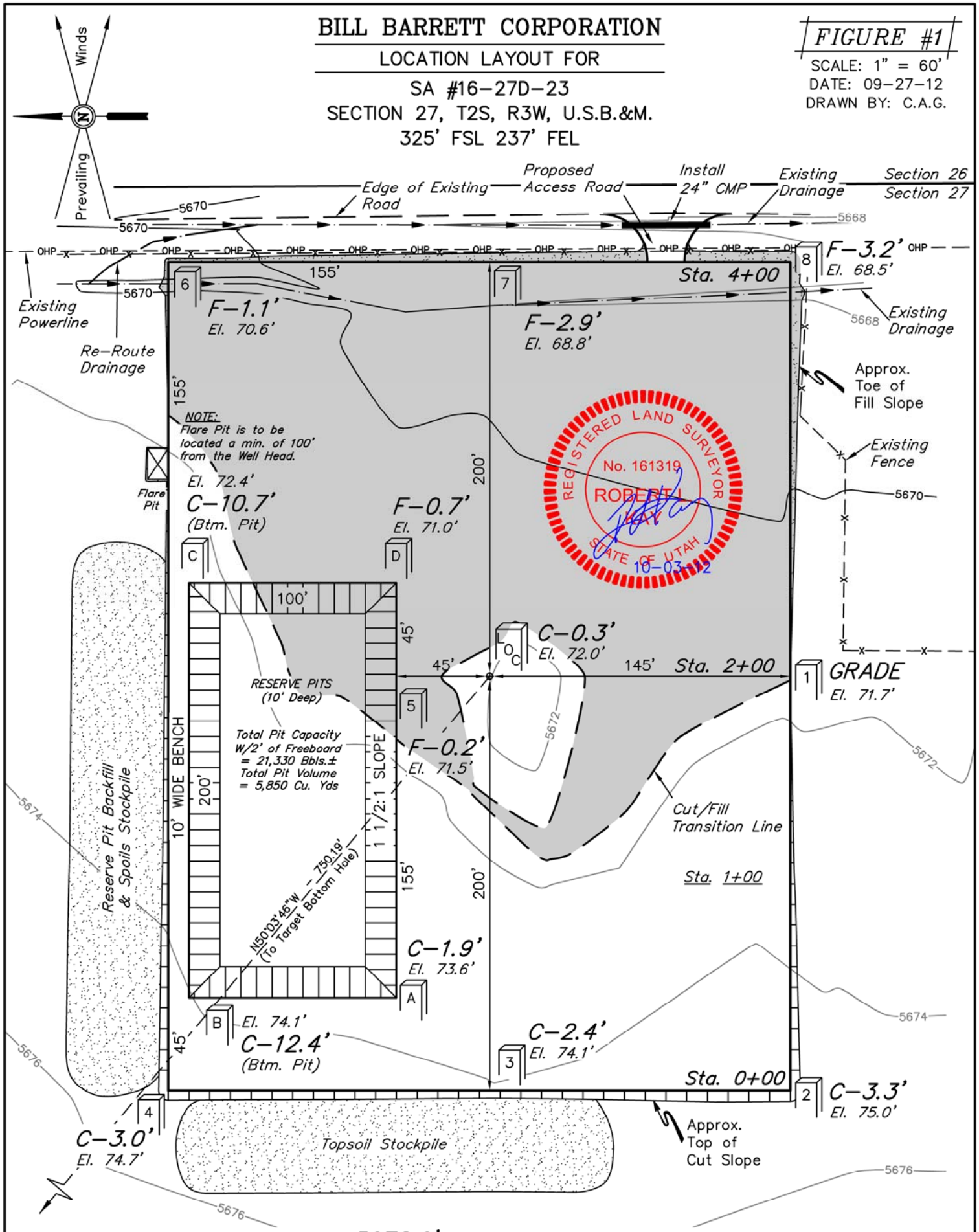
325' FSL 237' FEL

FIGURE #1

SCALE: 1" = 60'

DATE: 09-27-12

DRAWN BY: C.A.G.



Elev. Ungraded Ground At Loc. Stake = 5672.0'

FINISHED GRADE ELEV. AT LOC. STAKE = 5671.7'

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BILL BARRETT CORPORATION

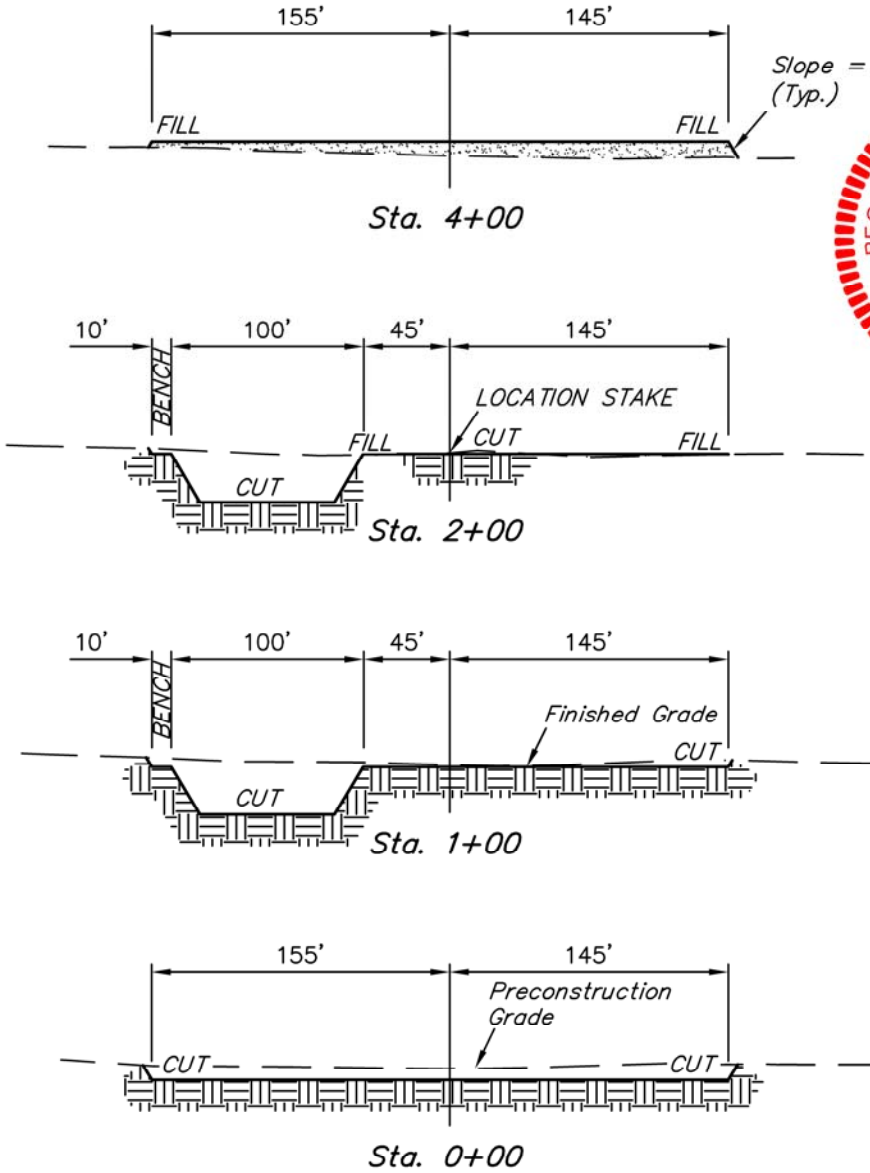
TYPICAL CROSS SECTIONS FOR

SA #16-27D-23
SECTION 27, T2S, R3W, U.S.B.&M.
325' FSL 237' FEL

FIGURE #2

1" = 40' X-Section Scale
1" = 100'

DATE: 09-27-12
DRAWN BY: C.A.G.
REV: 10-18-12 J.J.



REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
10-18-12

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.089 ACRES
PIPELINE DISTURBANCE = ± 0.167 ACRES
TOTAL = ±4.256 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	2,310 Cu. Yds.
Remaining Location	=	7,550 Cu. Yds.
TOTAL CUT	=	9,860 CU. YDS.
FILL	=	4,620 CU. YDS.

EXCESS MATERIAL	=	5,240 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	5,240 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

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BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

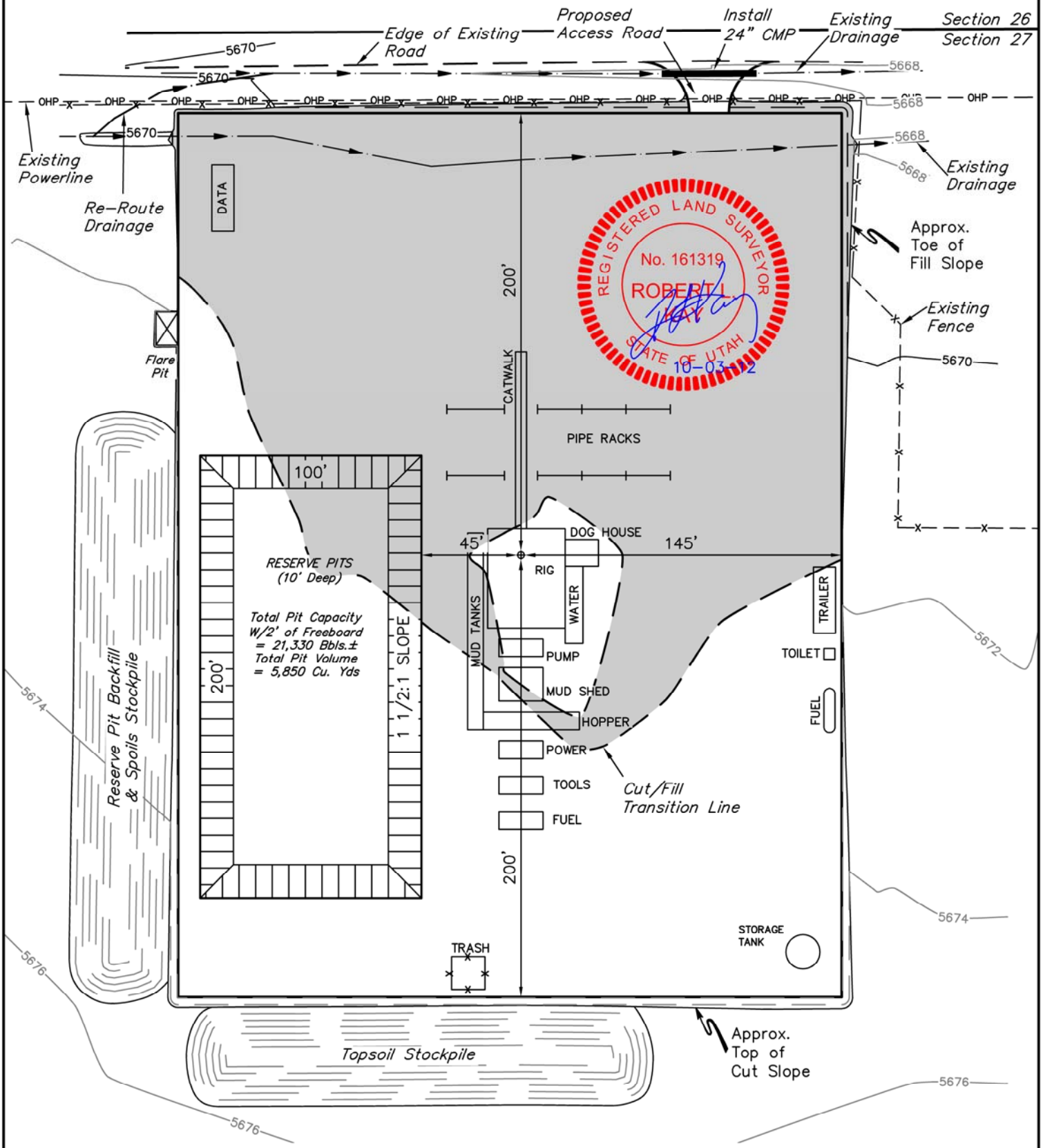
SA #16-27D-23

SECTION 27, T2S, R3W, U.S.B.&M.

325' FSL 237' FEL

FIGURE #3

SCALE: 1" = 60'
DATE: 09-27-12
DRAWN BY: C.A.G.



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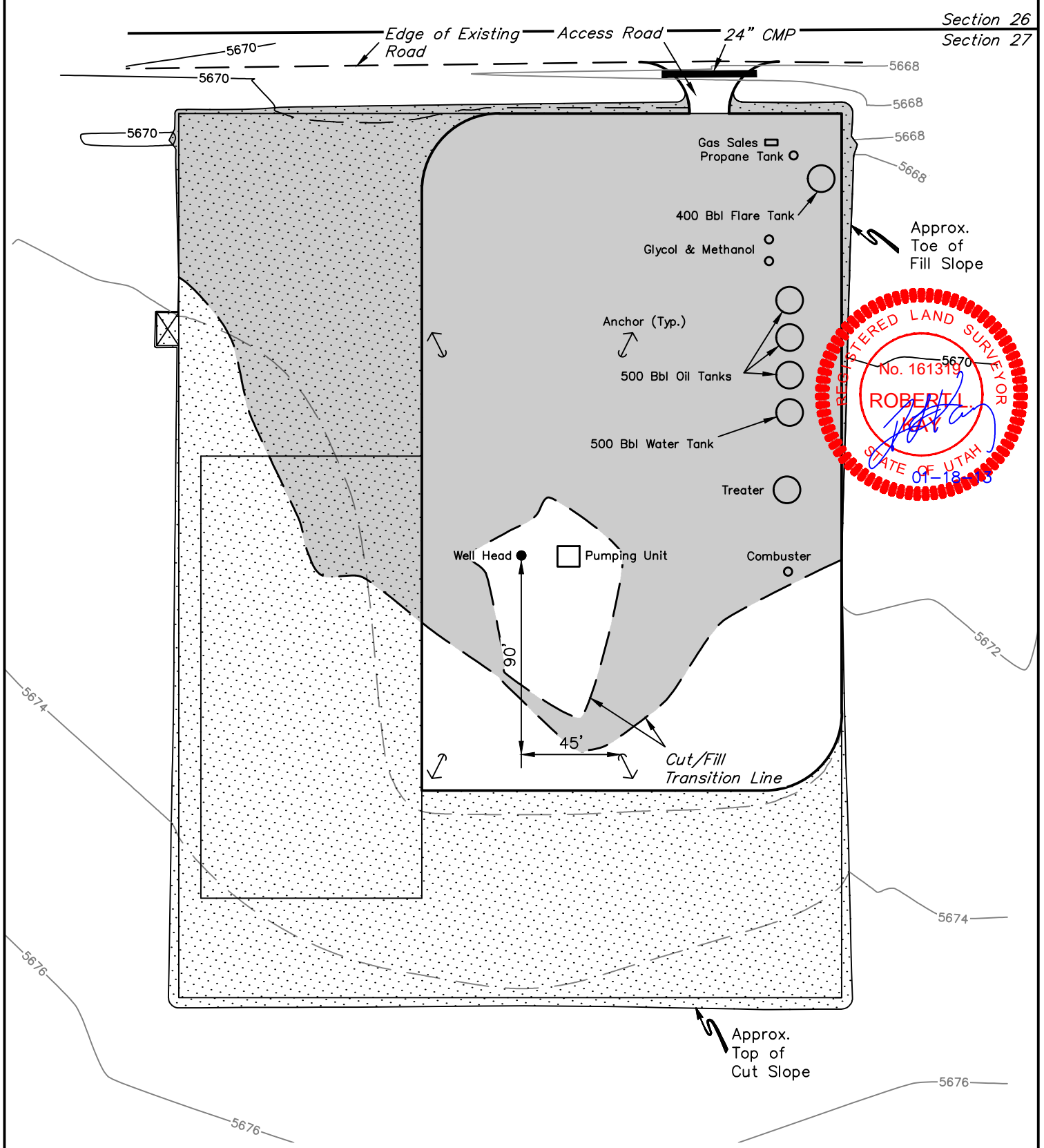
BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR

SA #16-27D-23
SECTION 27, T2S, R3W, U.S.B.&M.
325' FSL 237' FEL

FIGURE #4
SCALE: 1" = 60'
DATE: 01-18-13
DRAWN BY: C.C.



RECLAIMED AREA

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.324 ACRES

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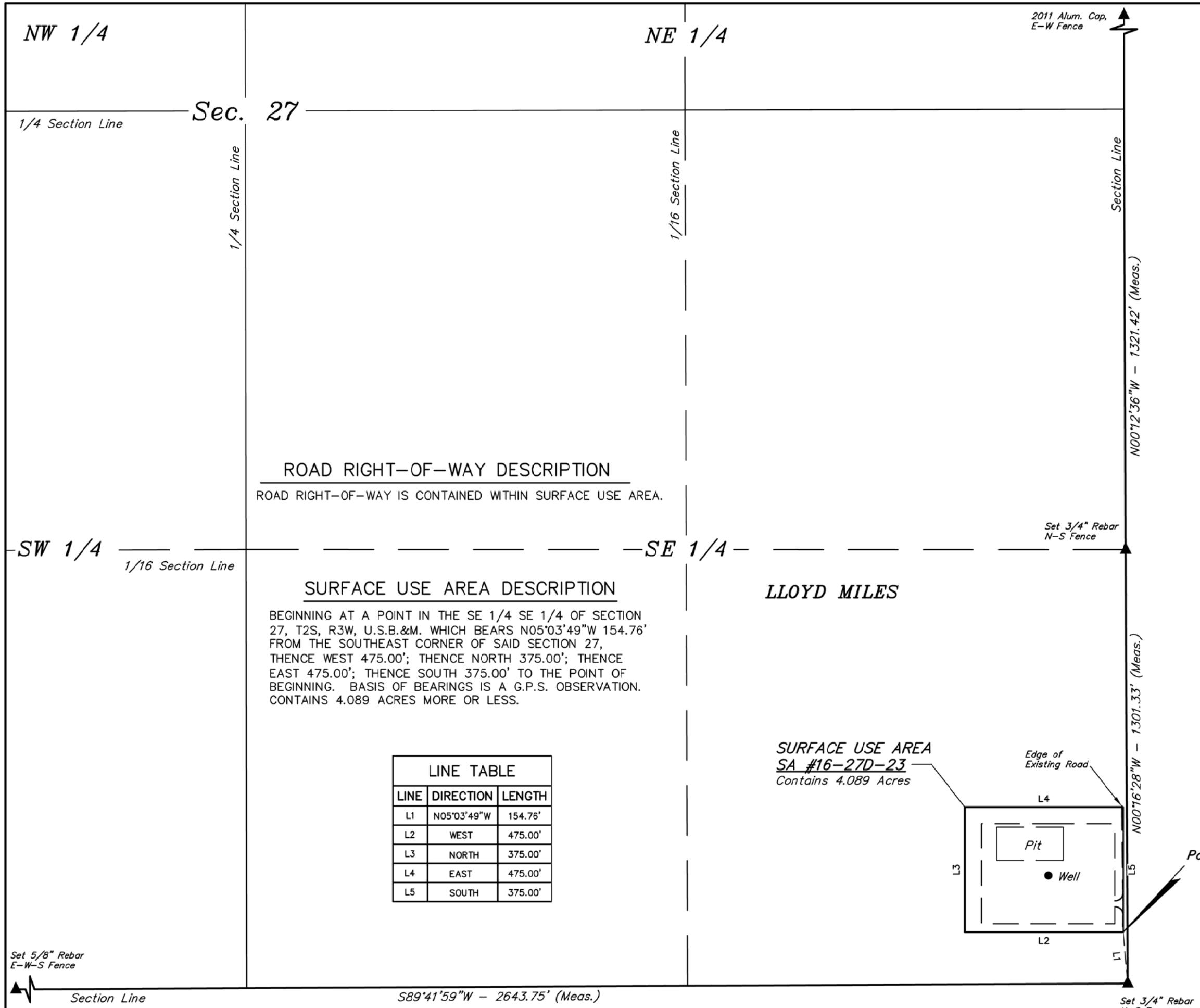
BILL BARRETT CORPORATION

LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(SA #16-27D-23)

LOCATED IN
SECTION 27, T2S, R3W, U.S.B.&M.,
DUCHESNE COUNTY, UTAH



ROAD RIGHT-OF-WAY DESCRIPTION

ROAD RIGHT-OF-WAY IS CONTAINED WITHIN SURFACE USE AREA.

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 27, T2S, R3W, U.S.B.&M. WHICH BEARS N05°03'49"W 154.76' FROM THE SOUTHEAST CORNER OF SAID SECTION 27, THENCE WEST 475.00'; THENCE NORTH 375.00'; THENCE EAST 475.00'; THENCE SOUTH 375.00' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.089 ACRES MORE OR LESS.

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N05°03'49"W	154.76'
L2	WEST	475.00'
L3	NORTH	375.00'
L4	EAST	475.00'
L5	SOUTH	375.00'

▲ = SECTION CORNERS LOCATED.

N

300' 150' 0' 300'

SCALE

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

CERTIFICATE

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REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 10-10-12

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

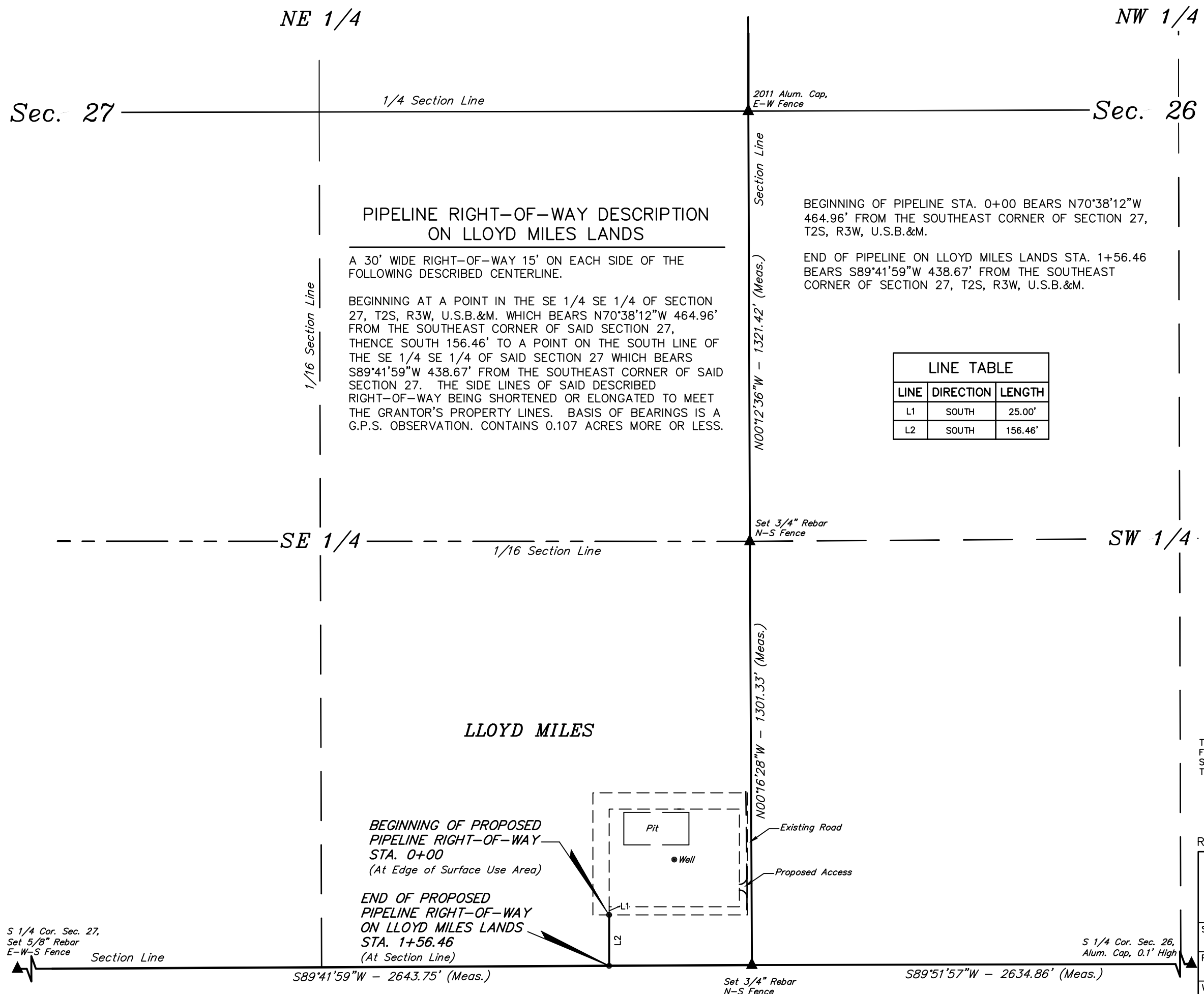
SCALE 1" = 300'	DATE 09-27-12
PARTY J.F. D.O. C.A.G.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 2 9 3 6

BILL BARRETT CORPORATION

PIPELINE RIGHT–OF–WAY ON FEE LANDS

(For SA #16–27D–23)

LOCATED IN
SECTION 27, T2S, R3W, U.S.B.&M.,
DUCHESNE COUNTY, UTAH



PIPELINE RIGHT–OF–WAY DESCRIPTION ON LLOYD MILES LANDS

A 30' WIDE RIGHT–OF–WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 27, T2S, R3W, U.S.B.&M. WHICH BEARS N70°38'12"W 464.96' FROM THE SOUTHEAST CORNER OF SAID SECTION 27, THENCE SOUTH 156.46' TO A POINT ON THE SOUTH LINE OF THE SE 1/4 SE 1/4 OF SAID SECTION 27 WHICH BEARS S89°41'59"W 438.67' FROM THE SOUTHEAST CORNER OF SAID SECTION 27. THE SIDE LINES OF SAID DESCRIBED RIGHT–OF–WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.107 ACRES MORE OR LESS.

BEGINNING OF PIPELINE STA. 0+00 BEARS N70°38'12"W 464.96' FROM THE SOUTHEAST CORNER OF SECTION 27, T2S, R3W, U.S.B.&M.

END OF PIPELINE ON LLOYD MILES LANDS STA. 1+56.46 BEARS S89°41'59"W 438.67' FROM THE SOUTHEAST CORNER OF SECTION 27, T2S, R3W, U.S.B.&M.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	SOUTH	25.00'
L2	SOUTH	156.46'

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT–OF–WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
LLOYD MILES	156.46	0.108	9.48

▲ = SECTION CORNERS LOCATED.

SCALE: 300' 150' 0' 300'

CERTIFICATE

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REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH 01-18-13

REVISED: 01–17–13 R.L.L.

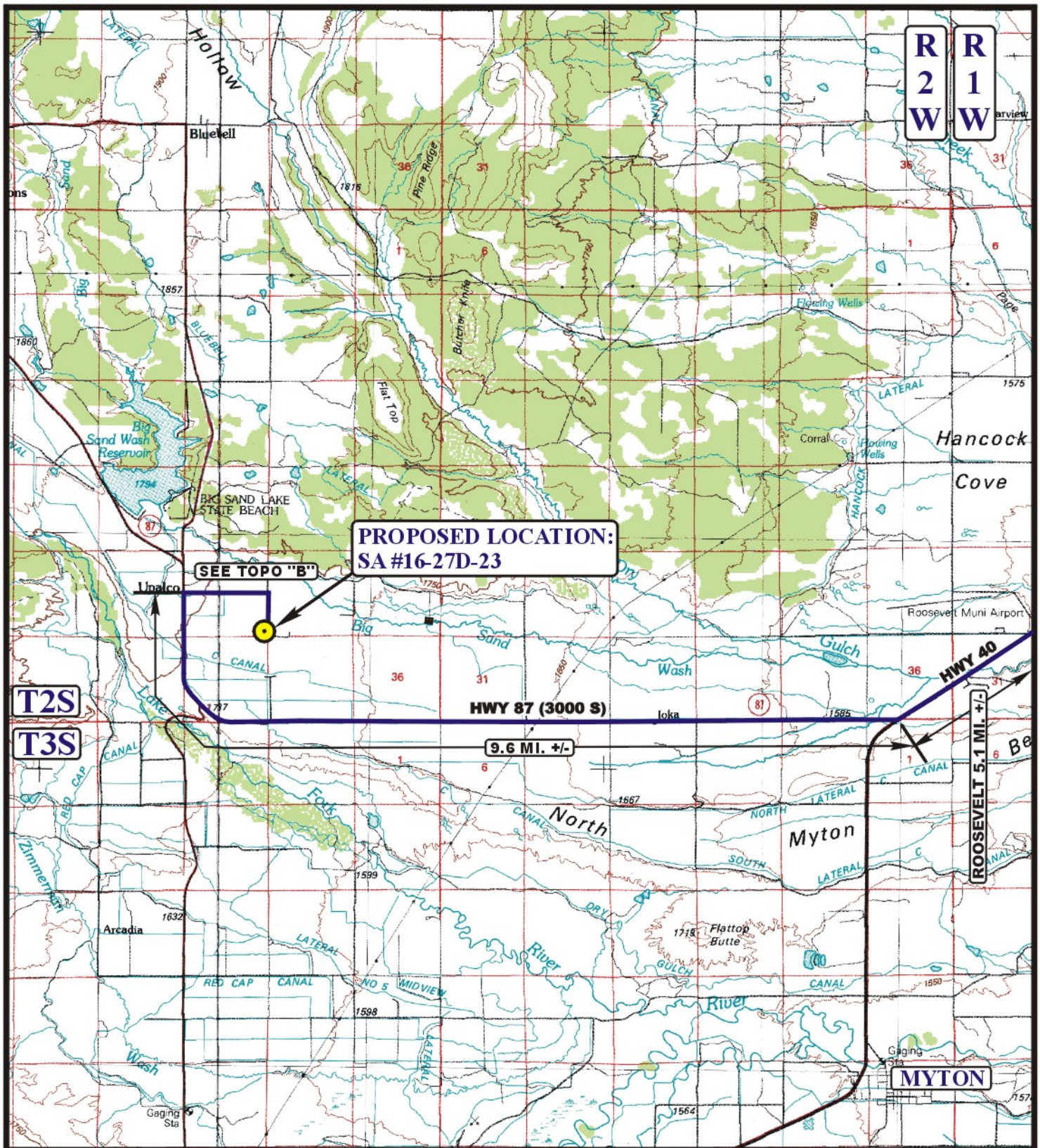
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH – 200 EAST • (435) 789–1017
VERNAL, UTAH – 84078

SCALE 1" = 300'	DATE 10–18–12
PARTY C.R. A.S. J.J.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 3 0 5 2

BILL BARRETT CORPORATION
SA #16-27D-23
SECTION 27, T2S, R3W, U.S.B.&M.

PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION FROM ROOSEVELT, UTAH ON HIGHWAY 40 APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND HWY 87 (3000 S.) TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN NORTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 9.6 MILES TO THE JUNCTION OF THIS ROAD AND 1480 SOUTH TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.0 MILE TO THE JUNCTION OF THIS ROAD AND 11000 WEST TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 23’ TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED LOCATION IS APPROXIMATELY 16.2 MILES.



LEGEND:

PROPOSED LOCATION

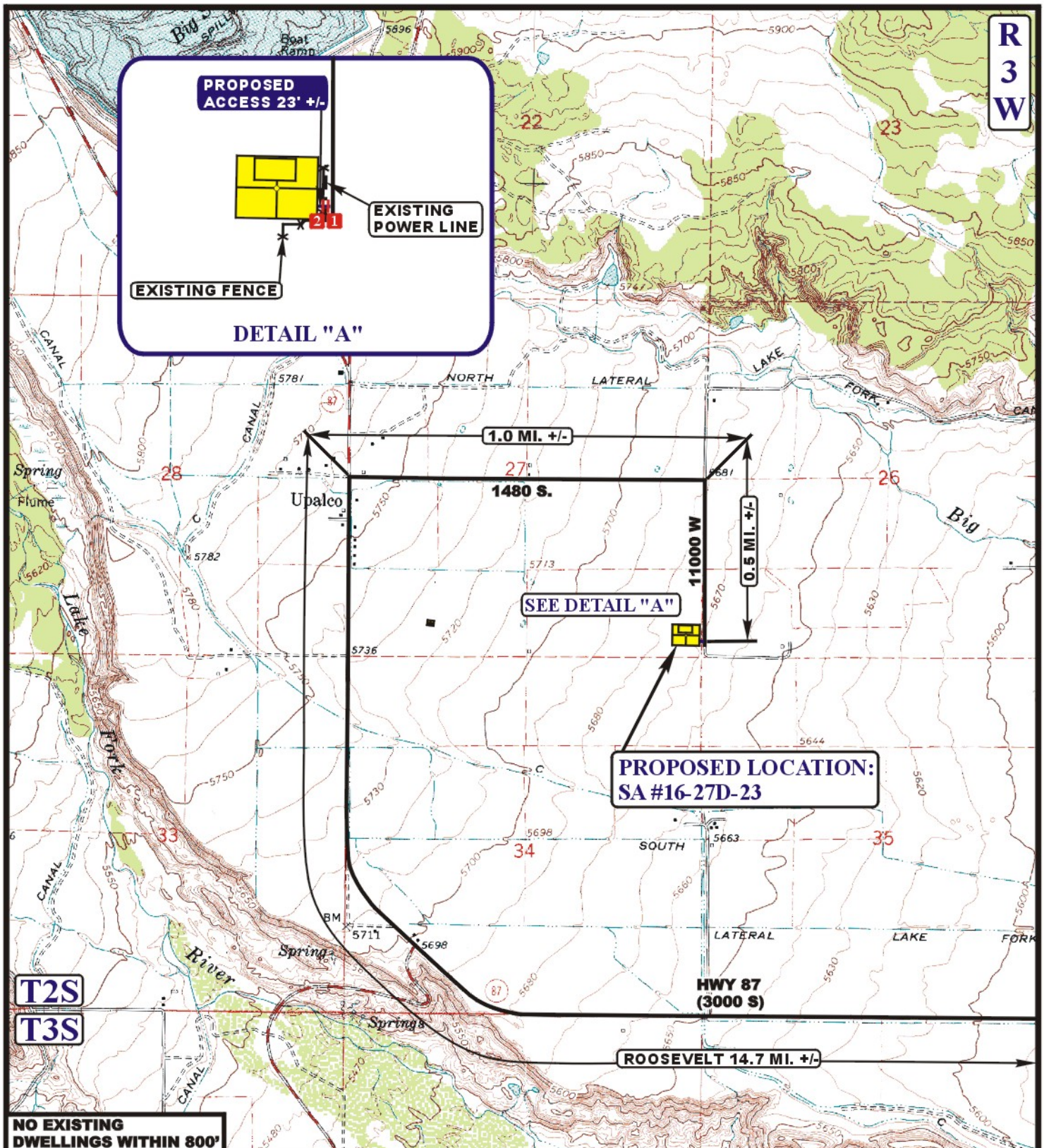
N

BILL BARRETT CORPORATION

SA #16-27D-23
SECTION 27, T2S, R3W, U.S.B.&M.
325' FSL 237' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	09 MONTH	27 DAY	12 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.I.	REVISED: 00-00-00		



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING FENCE
- EXISTING POWER LINE
- 1 24" CMP REQUIRED
- 2 INSTALL CATTLE GUARD

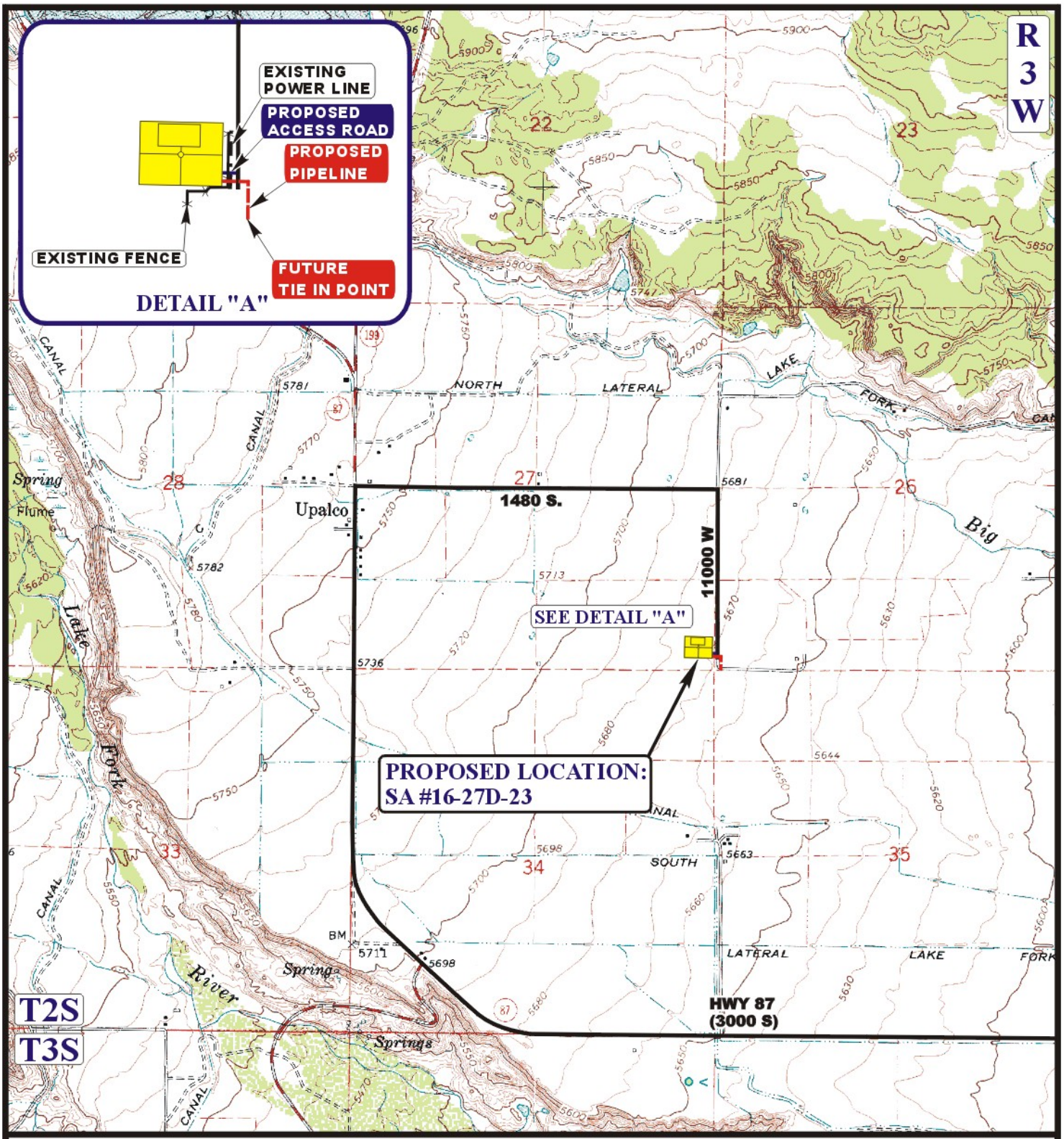
N

BILL BARRETT CORPORATION

SA #16-27D-23
SECTION 27, T2S, R3W, U.S.B.&M.
325' FSL 237' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	09 MONTH	27 DAY	12 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.I.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 268' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS

N

BILL BARRETT CORPORATION

SA #16-27D-23
SECTION 27, T2S, R3W, U.S.B.&M.
325' FSL 237' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	18 DAY	12 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		