

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

FORM 3
AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER BBS 15G-22-7-21		
2. TYPE OF WORK DRILL NEW WELL <input type="radio"/> REENTER P&A WELL <input type="radio"/> DEEPEN WELL <input checked="" type="radio"/>				3. FIELD OR WILDCAT BRENNAN BOTTOM		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME JOHNSON BOTTOM		
6. NAME OF OPERATOR QUESTAR EXPLORATION & PRODUCTION CO				7. OPERATOR PHONE 435 781-4362		
8. ADDRESS OF OPERATOR 11002 East 17500 South, Vernal, UT, 84078				9. OPERATOR E-MAIL rick.canterbury@questar.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU16551		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				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 <input type="radio"/> (Submit Commingling Application) NO <input checked="" type="radio"/>		19. SLANT VERTICAL <input type="radio"/> DIRECTIONAL <input type="radio"/> HORIZONTAL <input checked="" type="radio"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	669 FSL 2022 FEL	SWSE	22	7.0 S	21.0 E	S
Top of Uppermost Producing Zone	314 FSL 1900 FEL	SWSE	22	7.0 S	21.0 E	S
At Total Depth	2080 FSL 660 FEL	NESE	27	7.0 S	21.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 669		23. NUMBER OF ACRES IN DRILLING UNIT 2320		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0		26. PROPOSED DEPTH MD: 10580 TVD: 6374		
27. ELEVATION - GROUND LEVEL 4907		28. BOND NUMBER ESB000024		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE A36125 - 49-2153		

ATTACHMENTS

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Jan Nelson	TITLE Permit Agent	PHONE 435 781-4331
SIGNATURE	DATE 09/08/2009	EMAIL jan.nelson@questar.com
API NUMBER ASSIGNED 43047374430000	APPROVAL  Permit Manager	

T7S, R21E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

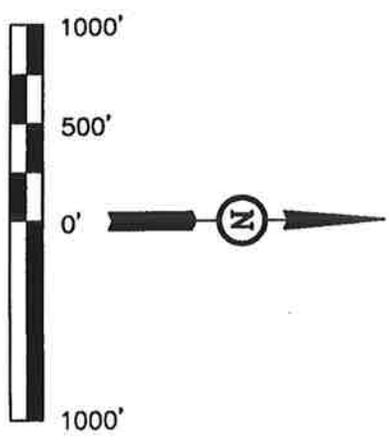
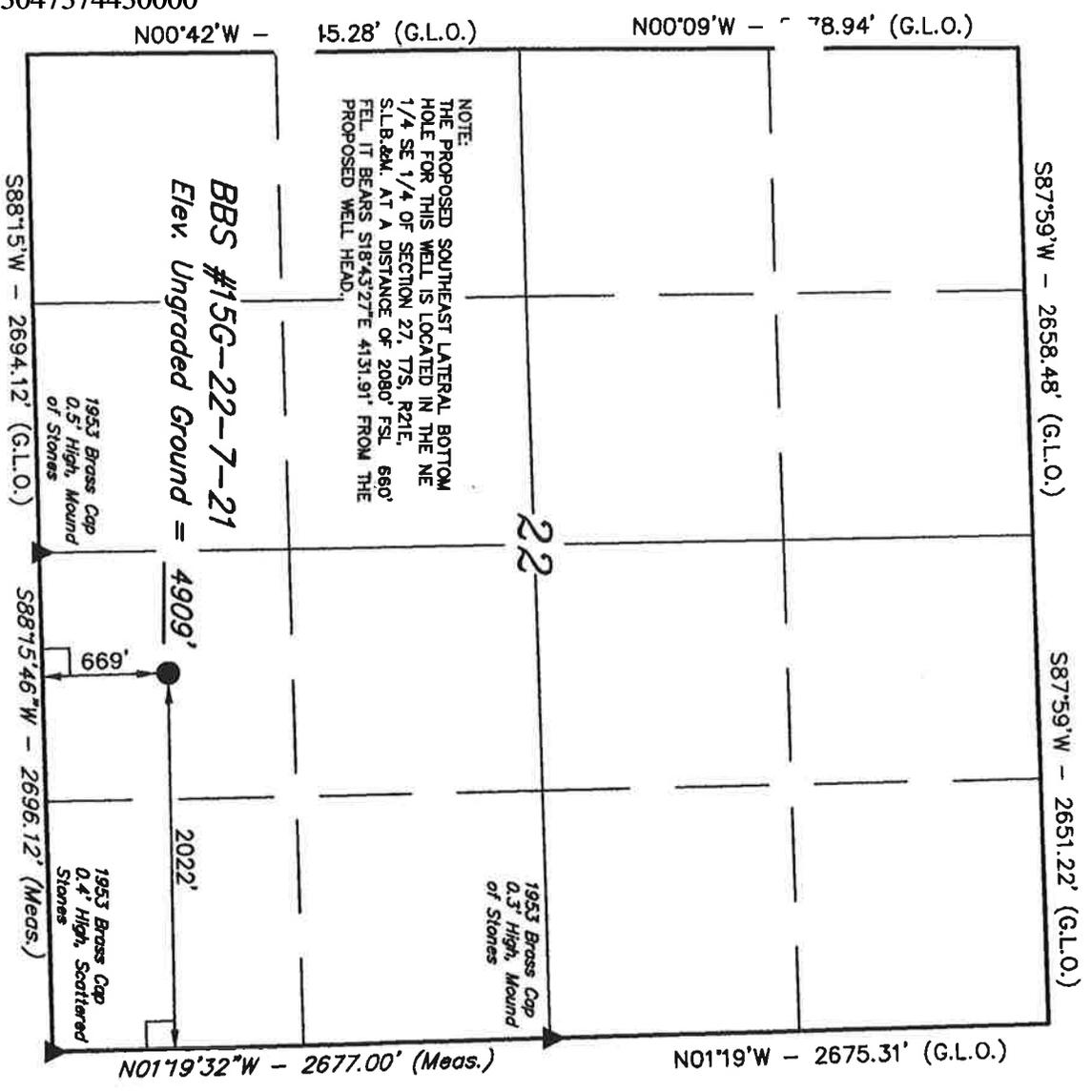
Well location, BBS #15G-22-7-21, located as shown in the SW 1/4 SE 1/4 of Section 22, T7S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (43EAM) LOCATED IN THE SE 1/4 OF SECTION 21, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN BASIN, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4832 FEET.

BASIS OF BEARINGS

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



THIS IS TO CERTIFY THAT THE ABOVE PLAT IS CORRECT 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.



REVISED: 08-14-07 L.K.

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

SCALE	1" = 1000'	DATE SURVEYED:	11-11-05	DATE DRAWN:	11-13-05
PARTY	D.A. C.F. D.R.B.	REFERENCES	G.L.O. PLAT		
WEATHER	COOL	FILE	QUESTAR EXPLR. & PROD.		

LEGEND:
 = 90° SYMBOL
 ● = PROPOSED WELL HEAD.
 ▲ = SECTION CORNERS LOCATED.
 (AUTONOMOUS NAD 83)
 LATITUDE = 40°11'28.04" (40.191122)
 LONGITUDE = 109°32'20.96" (109.539156)
 (AUTONOMOUS NAD 27)
 LATITUDE = 40°11'28.17" (40.191158)
 LONGITUDE = 109°32'18.47" (109.538464)

TTS, R21E, S.L.B.&M.

1953 Brass Cap
0.4' High, Scattered
Stones

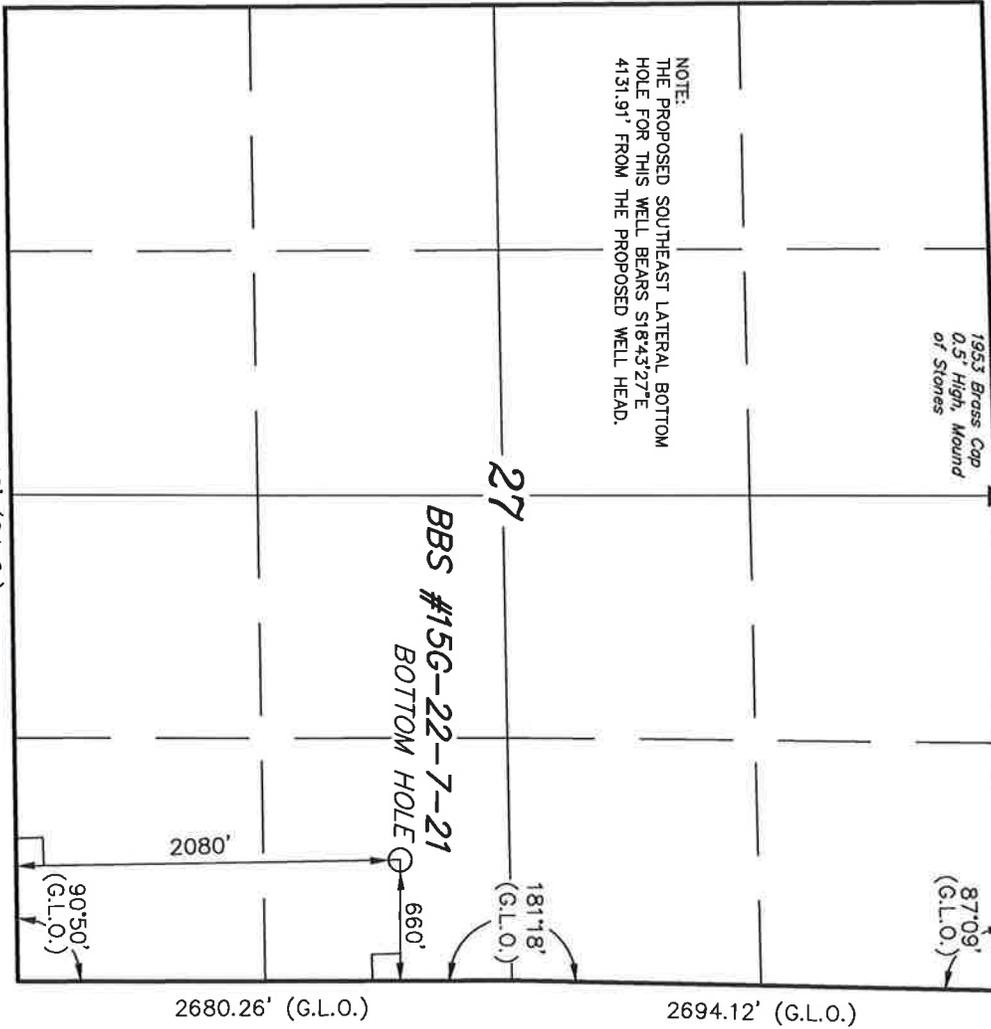
S88°15'W - 2694.12' (G.L.O.)

S88°15'46"W - 2696.12' (Meas.)

1953 Brass Cap
0.5' High, Mound
of Stones

87°09'
(G.L.O.)

NOTE:
THE PROPOSED SOUTHEAST LATERAL BOTTOM
HOLE FOR THIS WELL BEARS S18°43'27"E
4131.91' FROM THE PROPOSED WELL HEAD.



QUESTAR EXPLR. & PROD.

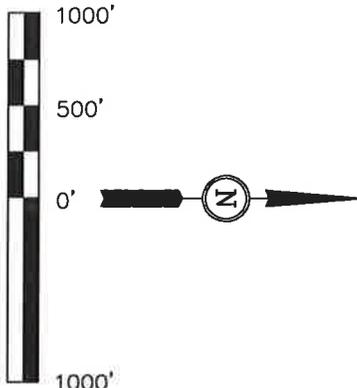
Well location, BBS #15G-22-7-21 (BOTTOM HOLE), located as shown in the NE 1/4 SE 1/4 of Section 27, T7S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (43EAM) LOCATED IN THE SE 1/4 OF SECTION 21, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN BASIN, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4832 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.



REVISED: 08-21-09 L.K.
REVISED: 08-14-07 L.K.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 799-1017

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	LATITUDE = 40°10'49.38" (40.180383)
	LONGITUDE = 109°32'03.86" (109.534411)
NAD 27 (TARGET BOTTOM HOLE)	LATITUDE = 40°10'49.51" (40.180419)
	LONGITUDE = 109°32'01.40" (109.533722)

SCALE	1" = 1000'	DATE SURVEYED:	11-11-05	DATE DRAWN:	11-13-05
PARTY	D.A. C.F. D.R.B.	REFERENCES	G.L.O. PLAT		
WEATHER	COOL	FILE	QUESTAR EXPLR. & PROD.		