

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 federal 221-29-9-19
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT PARIETTE BENCH
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR GASCO PRODUCTION COMPANY		7. OPERATOR PHONE
8. ADDRESS OF OPERATOR 8 Inverness Dr. East, Suite 100, Englewood, CO, 80112		9. OPERATOR E-MAIL
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) utu76034	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	686 FNL 2029 FEL	NWNE	29	9.0 S	19.0 E	S
Top of Uppermost Producing Zone	1540 FNL 1976 FWL	SEnw	29	9.0 S	19.0 E	S
At Total Depth	1540 FNL 1976 FWL	SEnw	29	9.0 S	19.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 686	23. NUMBER OF ACRES IN DRILLING UNIT 280
27. ELEVATION - GROUND LEVEL 4817	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 660	26. PROPOSED DEPTH MD: 11715 TVD: 11660
28. BOND NUMBER ut1233	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 41-3530	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	17.5	13.375	0 - 100	48.0	H-40 ST&C	8.3	50/50 Poz	110	1.31	14.3
Surf	12.25	8.625	0 - 2500	28.0	J-55 ST&C	9.0	Premium Lite High Strength Class G	415 145	3.21 1.17	11.0 15.8
Prod	7.875	4.5	0 - 11715	11.6	HCP-110 LT&C	11.6	Premium Lite High Strength 50/50 Poz	540 1320	2.26 1.31	12.0 14.3

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 Roger Knight	TITLE EHS Supervisor	PHONE 303 996-1803
SIGNATURE	DATE 09/11/2012	EMAIL rknight@gascoenergy.com
API NUMBER ASSIGNED 43047530800000	APPROVAL  Permit Manager	

T9S, R19E, S.L.B.&M.

GASCO PRODUCTION COMPANY

Well location, FEDERAL #221-29-9-19, located as shown in the NW 1/4 NE 1/4 of Section 29, T9S, R19E, S.L.B.&M., Uintah County, Utah

BASIS OF ELEVATION

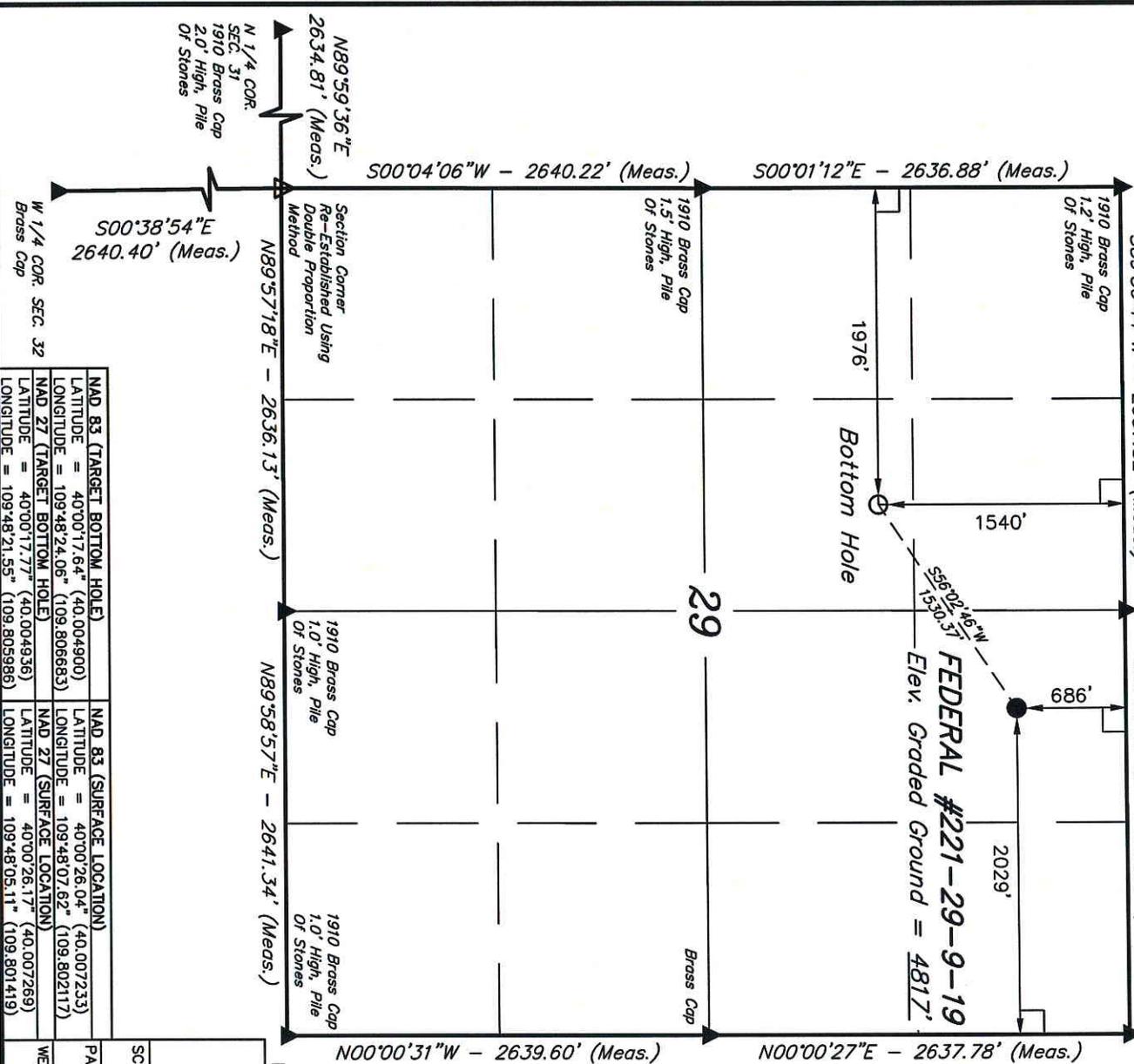
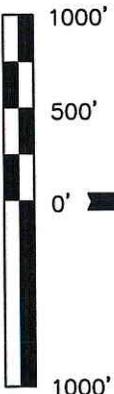
SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14, T10S, R18E, S.L.B.&M., TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5129 FEET.

BASIS OF BEARINGS

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

LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)



NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°00'17.64" (40.004900)	LONGITUDE = 109°48'24.06" (109.806663)	LATITUDE = 40°00'26.04" (40.007233)	LONGITUDE = 109°48'07.62" (109.802117)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°00'17.77" (40.004936)	LONGITUDE = 109°48'21.55" (109.805986)	LATITUDE = 40°00'26.17" (40.007269)	LONGITUDE = 109°48'05.11" (109.801419)

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.

Robert Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 04-12-12

REVISED: 04-12-12

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

SCALE 1" = 1000'	DATE SURVEYED: 03-09-12	DATE DRAWN: 03-19-12
PARTY J.F. B.S. T.B.	REFERENCES G.L.O. PLAT	FILE GASCO PRODUCTION COMPANY
WEATHER COLD		