

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 Desert Spring State 224-36-9-18
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 8 MILE FLAT NORTH
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 303 996-1805
8. ADDRESS OF OPERATOR 8 Inverness Dr. East, Suite 100, Englewood, CO, 80112		9. OPERATOR E-MAIL jberg@gascoenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-45171	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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 checked="" type="checkbox"/> (Submit Commingling Application) NO <input 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	1450 FSL 889 FWL	NWSW	36	9.0 S	18.0 E	S
Top of Uppermost Producing Zone	2478 FNL 1978 FWL	SESW	36	9.0 S	18.0 E	S
At Total Depth	2475 FNL 1980 FWL	SESW	36	9.0 S	18.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 889	23. NUMBER OF ACRES IN DRILLING UNIT 640
27. ELEVATION - GROUND LEVEL 4994	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 10	26. PROPOSED DEPTH MD: 12887 TVD: 12570
	28. BOND NUMBER K08792707	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Recycled production water; water right 41-3530

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	20	16	0 - 60	48.0	H-40 ST&C	8.3	Class G	55	1.18	15.8
SURF	11	8.625	0 - 3000	32.0	J-55 ST&C	9.0	Varocem	350	2.722	11.5
							Varocem	250	1.649	13.5
PROD	7.875	4.5	0 - 12887	13.5	HCP-110 LT&C	11.0	Class G	490	2.057	12.5
							Class G	2000	1.499	14.1

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 Jessica Berg	TITLE Regulatory Analyst	PHONE 303 996-1805
SIGNATURE	DATE 06/25/2014	EMAIL jberg@gascoenergy.com
API NUMBER ASSIGNED 43047545410000	APPROVAL  Permit Manager	

T9S, R18E, S.L.B.&M.

GASCO PRODUCTION COMPANY

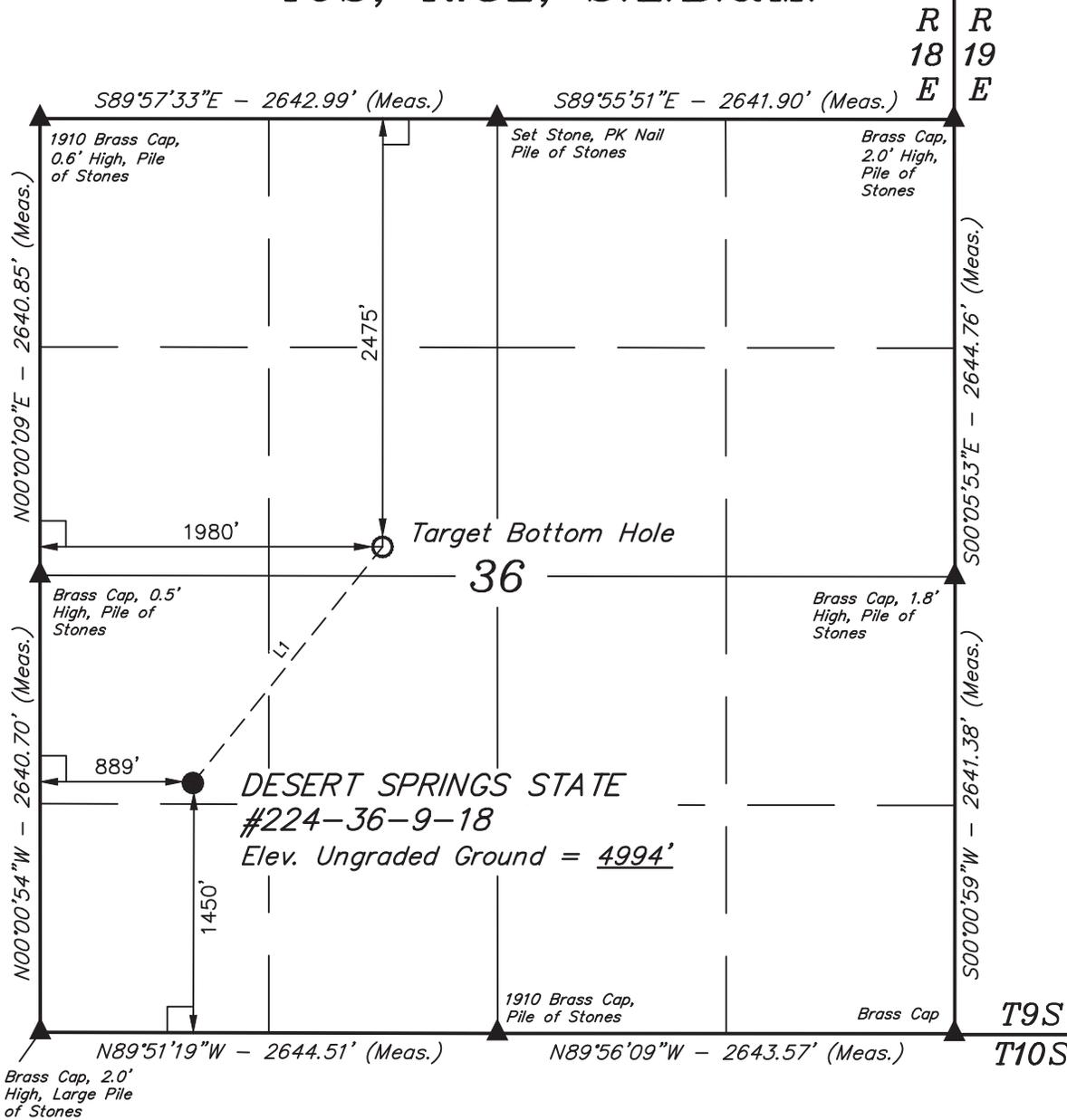
Well location, DESERT SPRINGS STATE
 #224-36-9-18, located as shown in the NW 1/4
 SW 1/4 of Section 36, T9S, R18E, S.L.B.&M.,
 Uintah County, Utah.

BASIS OF ELEVATION

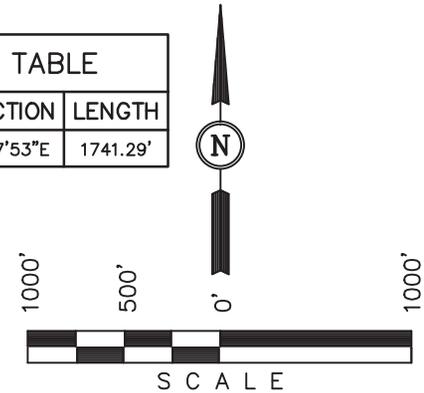
SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14,
 T10S, R18E, S.L.B.&M., TAKEN FROM THE MOON BOTTOM
 QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP)
 PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE
 INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS
 BEING 5129 FEET.

BASIS OF BEARINGS

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



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N38°47'53"E	1741.29'



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
 06-10-14

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°59'16.27" (39.987853)	LONGITUDE = 109°50'39.68" (109.844356)	LATITUDE = 39°59'02.86" (39.984128)	LONGITUDE = 109°50'53.69" (109.848247)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°59'16.39" (39.987886)	LONGITUDE = 109°50'37.16" (109.843656)	LATITUDE = 39°59'02.99" (39.984164)	LONGITUDE = 109°50'51.18" (109.847550)

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

SCALE 1" = 1000'	DATE SURVEYED: 06-09-14	DATE DRAWN: 06-10-14
PARTY N.F. T.M. H.K.W.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE GASCO PRODUCTION COMPANY	