

# Phillips Gas Unit A 3R2

## Post-Completion Wellbore Diagram

### Reservoir/Permanent

### Temporary Equipment

Perforations:  
3063-3066; 60°; 6 spf  
3094-3100; 60°; 6 spf  
3110-3112; 60°; 6 spf  
3115-3119; 60°; 6 spf  
3124-3129; 120°; 3 spf

Perforations:  
3169-3176; 90°; 4 spf  
3198-3200; 90°; 4 spf  
3230-3240; 60°; 6 spf  
3275-3277; 120°; 3 spf  
3280-3283; 120°; 3 spf

Perforations:  
3344-3347; 90°; 4 spf  
3354-3364; 90°; 4 spf  
3384-3400; 90°; 4 spf  
3416-3420; 90°; 1 spf

Rod/Pump Detail:  
(see information in lower right)

Production Tubing Assembly:  
7-1/16" x 2.875" hanger  
2.875" TK-70XT coated (to surface)  
2.875" boronized (2 joints)  
2.875" x 2.28" ID F nipple @ 3510'  
2.875" nipple w/ 1/4" hole

2.875" bare tubing (1 joint)

2.875" mule shoe  
(EOT @ 3548')

PBTD 3,609'  
TD 3,665'

Well	Phillips Gas Unit A 3R2		
County	La Plata		
State	Colorado		
Field	Ignacio Blanco	Lat:	37.14555145N
API No.	TBD	Long:	107.8266443W
Location	SEC.33	T 34N	R 9W

### Drilling Data

Spud Date	4/18/2015
RKB Elevation (ft)	6,708
GL Elevation (ft)	6,697
RKB-GL (ft)	11
Hole Type	S-Shaped
KOP (ft)	160
Max Inclination (°)	37.50
Max Inc. Depth (ft)	1,341
Max Dog Leg (°/100 ft)	5.85
Max Dog Leg Depth (ft)	660
PBTVD (ft)	3,261
TVD (ft)	3,317
PBTMD (ft)	3,609
TMD (ft)	3,665

### Casing/Tubing Detail

Casing String	Surface	Production	Tubing
OD (in)	8.625	5.5	2.875
Weight (lb/ft)	24	15.5	6.5
Grade	J-55	J-55	J-55 (TK-70XT)
Thread	ST&C	LT&C	EUE
ID (in)	8.097	4.950	2.441 (2.401)
Drift (in)	7.972	4.825	2.347 (2.307)
Burst (psi)	2,950	4,810	7,260
Collapse (psi)	1,370	4,040	7,680
Capacity (bbls/ft)	0.0636	0.0238	0.0058 (0.0056)
Top (ft)	14.5	12	11
MD Landed (ft)	521	3,654	see TBG detail
Cement to Surface (Y/N)	Yes	Yes	N/A
Hole Size (in)	12.25	7.875	N/A

### Reservoir Data

Bottom Hole Temp (°F)	124 (estimate)
Bottom Hole Pressure (psi)	1483 (estimate)

### Rod/Pump Detail:

26' x 1.25" polished rod  
25' x 0.75" rod with 2.31" molded guides  
4' x 0.75" pony rod  
#2E corod  
4' x 0.875" centralizer rod with 2.31" molded guides  
21k shear tool  
4' x 0.875" centralizer rod with 2.31" molded guides  
2.5" x 2.0" x 12' RWAC insert pump with dirty style plunger

Prepared by:  
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5/27/2015