

**Snow Consulting & Services, Inc**

**Daily Reports for  
Bureau of Land Management  
Diamond Wells**

**Eagle #1**

**Report Dates**

**November 13, 2017  
Thru  
November 15, 2017**

November 13, 2017 Monday

MI, RU Monument well service Rig #27, CP 20 psi TP 600 psi We had problems with scoping up top section of Rig Mast. Pumped 20 bbls down tbg, Pumped 5 bbls to fill annulus. Pressured to 550 psi, bled off 100 psi in 25 minutes Cleaned up well head bolts. ND top section. Pulled 40K on hanger with no movement. **Consulted BLM representative and ordered Jack for Morning.** Sdfn.

November 14, 2017 Tuesday

SITP 300 psi, SICP 100 psi. Bled off casing. Pumped 20 bbls water into tbg. RU KLX and jacked hanger loose at 40K. NU BOP and worked tbg and gained about 6" of stretch. Pumped 20 bbls into tbg. RU WL, RIH with cutter and cut off tbg at 3050' POOH, Laid down 100 joints 2-3/8" tbg. and cut off. PU work string, 7" casing scraper, RIH to tag at 2965'. Reverse circulated out approximately 100 bbls drilling mud. POOH and laid down scraper. RIH with 7" CICR and set retainer at 2960'. Filled annulus, (less than 5 bbls) Pressure tested to 700 psi, watch test for 30 minutes with no leak off. Sdf night.

November 15, 2017 Wednesday

Tbg on a vacuum. Pumped 5 bbls, injected at 3 bpm 1500 psi, isip 200 psi. Mixed and pumped 60 sks class B cement, displaced with 9.5 bbls. 50 sks thru retainer and left 10 sks on top. Laid down 4 joints and reversed circulated in 80 bbls 9.3# brine water. POOH, laid down work string and setting tool. RU WL and perforate 7" casing at 438'. ND BOP and NU top section of tree. Broke circulation after pumping 40 bbls. Circulate for 30 minutes and lost 5 bbls fluid. Mix and pump 155 sks. Class B cement. Circulated 10 sks to reverse tank. WOC RD SU and moved off location. Excavated around well head, cut off. Hand mixed 2 sks cement to fill 7" casing, Install dry hole marker plate. Back filled cellar cleaned up location.

# Inspection Remarks

Case Number COC02269 Type 311111 Case Name COC02269 Operator DIAMOND OPERATIONS GROUP LTD

Insp Type PD Open Date 11/14/2017 Close Date 11/15/2017

Identifier	Date	Author	Subject	Category	API / Fac ID	Well / Fac Name	Number
PD	11/17/2017	MARLAN DEATON	INSP	GENERAL	0504505018	EAGLE	1

Category GENERAL

Date 11/17/2017

Rig moved on location and rigged up on 11/13/17, attempted to POH tubing. Tubing hanger was stuck. 11/14/17 arrive on location. Crew rigged up hydraulic jack, pulled 40k over on tubing and freed the hanger. Rig down hydraulic jack. Nipple up BOP. Continued to pull on tubing with 40k, gaining about 6". Tied on to tubing, pumped 40 Bbls. MIRU wireline. Pick up jet cutter and RIH to 3050'. Cut tubing at 3050'. POH rig down wireline. POH laid down 100 joints of old 2 3/8" tubing. Picked up 5 >" inch bit and 7" casing scrapper. RIH with bit and work string. Tagged solid fill @2965'. Reverse circulated well getting back 80 Bbls of drilling mud. POH, lay down bit and scrapper. PU 7" CICR. RIH to 2960'. Set CICR @2960'. Shut tubing in, loaded 7" casing with 3 Bbls of F/W. Pressure tested casing to 700psi held 30 minutes with zero drop. Shut down for the day. 11/15/17 Opened tubing valve. Tubing on a vacuum. Nothing on the casing. Pumped down tubing to break down perforations. Mix and pumped 60 sacks of cement. 50 sacks below retainer. 1st weight 15.7 lbs. @ 400psi. 2nd weight 15.5 lbs. @ 700psi. Displaced with 11.25 Bbls of F/W Stung out of retainer pumped 10 sacks on top. Pulled up 4 joints tubing (53') circulated 7" casing with 80 Bbls of 9.3 B/W. POH lay down tubing. MIRU wireline. Pick up perforating gun. RIH. Perforated 7" casing @ 438', (50') below surface shoe. POH. Rig down wireline. Nipple down BOP and placed wellhead flange back on well. Dug out around wellhead to locate Braden Head valve. Tied on to 7" casing and pumped water until breaking circulation out Braden Head. RDMO rig. Finished digging out wellhead. Tied on to 7" casing. Pump squeezed and circulated with 155 sacks cement. Cut off wellhead 4' below ground. Topped well out with 2 sacks cement. Placed marker in casing and back filled around well.