

Conoco Phillips Company, State Bierstadt 4-65 35-34 1CH
005-07296

Inspection #688305758

9/12/2019

Annual Bradenhead Test Inspection



COLORADO

**Oil & Gas Conservation
Commission**

Department of Natural Resources



ConocoPhillips

STATE BIERSTADT 4-65 35-34 1CH

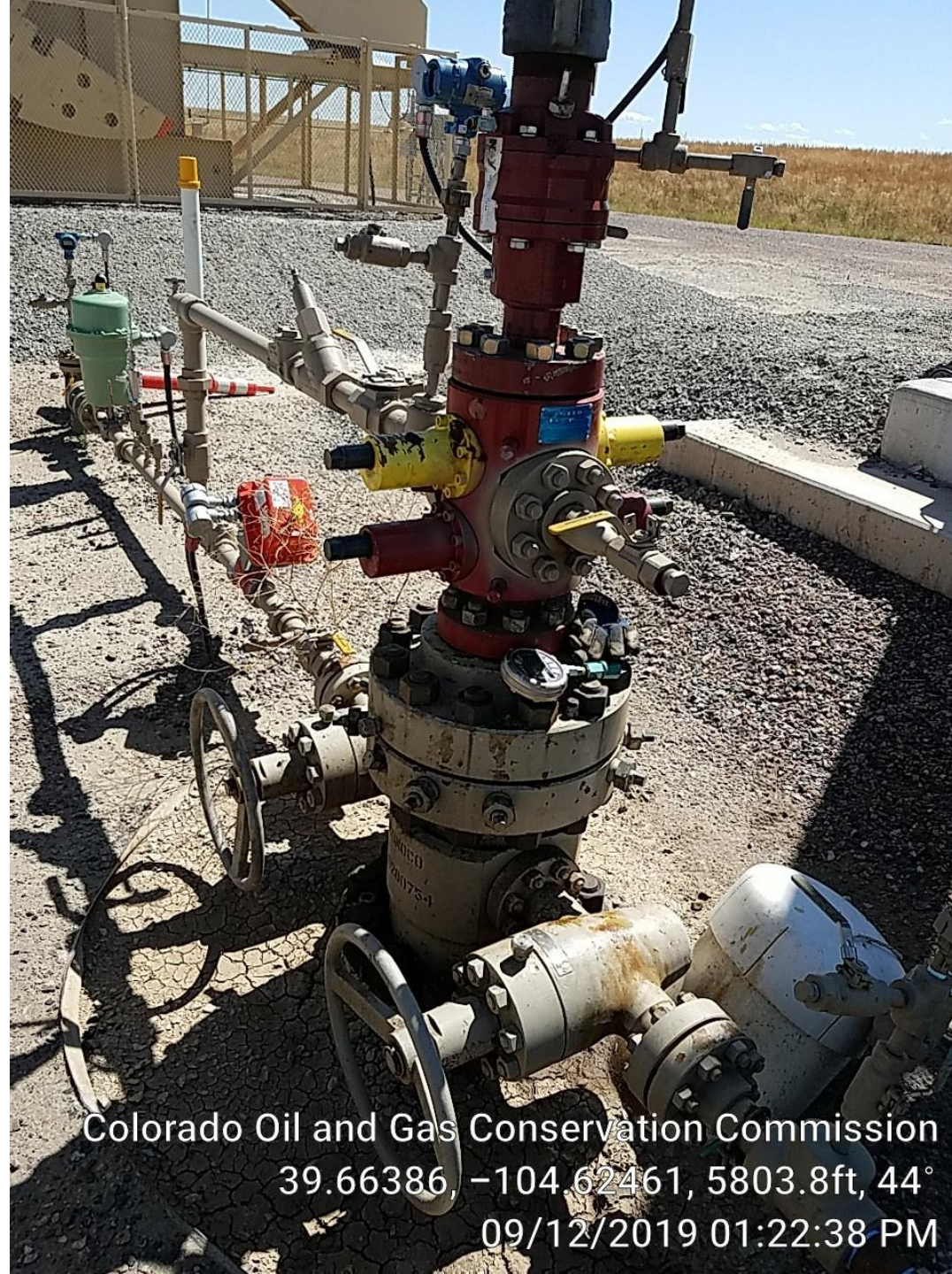
NE/NE SEC. 35 TWP: 4S RNG: 65W

ARAPAHOE COUNTY, CO. ELEVATION 5870.8'

-ACCESS LOCATION FROM WATKINS and YALE

24 HR. CONOCO PHILLIPS CONTACT: 1-855-595-8258
LOCAL EMERGENCY SERVICES: 911 NO SMOKING

Colorado Oil and Gas Conservation Commission
39.66389, -104.62446, 5800.5ft, 205°
09/12/2019 01:20:58 PM



Colorado Oil and Gas Conservation Commission
39.66386, -104.62461, 5803.8ft, 44°
09/12/2019 01:22:38 PM

4. Well Name: State Bierhead 5. Multiple completion? ☐ Yes ☒ No
 6. Well Number: 3005-01216-00 7. Location (Qtr, Sec, Twp, Rng, Meridian): 25 4S 6TW NENE
 8. County: ALABAMA 9. Field Name: DT HORIZONTAL NOBGRM
 10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian
 11. Number of Casing Strings: ☒ Two ☐ Three ☐ Liner
 12. Well Status: ☐ Flowing ☐ Shut in ☐ Gas Lift ☐ Pumping ☐ Injection ☐ Clock/Intermittent ☐ Plunger Lift

14. STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing: Fm: <u>103</u>	Prod. Casing: Fm: <u>190</u>	Intermediate Casing: Fm: <u>190</u>	Surface Casing: Fm: <u>-4</u>
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15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST

Buried valve? ☐ Yes ☒ No Confirmed open? ☐ Yes ☒ No

With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (bradenhead) valve (if no intermediate casing, monitor only the production casing and tubing pressures.) Record pressures at five minute intervals. Define characteristics of flow in "Bradenhead Flow" column using letter designations below:
 O = No Flow; C = Continuous; D = Down to 0; V = Vapor
 H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Casing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:					
05:	<u>100</u>		<u>203</u>		<u>.2</u>
10:	<u>109</u>		<u>283</u>		<u>.1</u>
15:	<u>116</u>		<u>189</u>		<u>.1</u>
20:	<u>99</u>		<u>115</u>		<u>.1</u>
25:	<u>81</u>		<u>80</u>		<u>0</u>
30:	<u>86</u>		<u>97</u>		<u>.1</u>
	<u>96</u>		<u>146</u>		<u>.3</u>

BRADENHEAD SAMPLE TAKEN? ☐ Yes ☒ No ☐ Gas ☐ Liquid
 Character of Bradenhead fluid: ☐ Clear ☐ Fresh ☐ Sulfur ☐ Salty ☐ Black
 Other: (describe) n/a
 Sample cylinder number:

Note instantaneous Bradenhead PSIG at end of test: > 10

17. STEP 4: INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ No Confirmed open? ☐ Yes ☒ No

With gauges monitoring production casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals. Characterize flow in "Intermediate Flow" column using letter designations below:
 O = No Flow; C = Continuous; D = Down to 0; V = Vapor
 H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Casing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00:					
05:					
10:					
15:					
20:					
25:					
30:					

INTERMEDIATE SAMPLE TAKEN? ☐ Yes ☐ No ☐ Gas ☐ Liquid
 Character of Intermediate fluid: ☐ Clear ☐ Fresh ☐ Sulfur ☐ Salty ☐ Black
 Other: (describe)
 Sample cylinder number:

Note instantaneous Intermediate Casing PSIG at end of test: >

18. Comments:

19. STEP 5: See instructions above.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed by: Nader Golanjesh Title: Production Lead Phone: 830-776-6247
 Signed: [Signature] Title: Date: 9/16/19
 WITNESSED BY: Swan Sh Title: Field Inspector Agency: COGCC

This is the CH well as verified by field notes.