

District 1
1625 N. French Dr., Hobbs, NM 88249
Phone: (575) 393-6151 Fax: (575) 393-6729

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name <i>Armstrong Energy Corp</i>	API Number <i>30-041-20943</i>
Property Name <i>Mustang Sally</i>	Well No. <i>1</i>

2. Surface Location

UL - Lot <i>N</i>	Section <i>19</i>	Township <i>5S</i>	Range <i>34E</i>	Feet from <i>461</i>	N/S Line <i>South</i>	Feet From <i>2085</i>	E/W Line <i>West</i>	County <i>Roosevelt</i>
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Well Status

TA'D WELL <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	SHUT-IN <input type="checkbox"/> YES <input type="checkbox"/> NO	INJ <input type="checkbox"/> INJ	SWD <input type="checkbox"/> SWD	OIL <input type="checkbox"/> OIL	PRODUCER <input type="checkbox"/> PRODUCER	GAS <input type="checkbox"/> GAS	DATE <i>4/6/22</i>
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OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Casing	(E)Tubing
Pressure	<i>0</i>			<i>0</i>	<i>TA</i>
Flow Characteristics					
Puff	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	CO2
Steady Flow	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	WTR
Surges	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	GAS
Down to nothing	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	Type of Fluid
Gas or Oil	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	Injected for
Water	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	Waterhead if
					applies

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

M & S Services Pump truck Cinc 27% KCL
1K Chart Model Bristol 8" Certified by D#2 Meter 2/16/22
Serial # M & S #1

Signature: <i>[Signature]</i>	OIL CONSERVATION DIVISION
Printed name: <i>John Stearns</i>	Entered into RBDMS
Title: <i>Supervisor</i>	Re-test <i>[Signature]</i>
E-mail Address: <i>bobby.stearns1@yahoo.com</i>	
Date: <i>4/6/22</i>	
Phone: <i>575-760-2482</i>	
Witness: <i>Kerry Fortner</i>	

INSTRUCTIONS ON BACK OF THIS FORM

PERFORMING BRADENHEAD TEST

General Procedure for Bradenhead Test

Identify: All valves prior to testing

Gauges: Install on each casing string to record pressure.

Assure: That all valves are in good working condition and closed at least 24 hours prior to testing.

Open: Each valve (Bradenhead, intermediate and casing valves) is to be opened separately.

Check Gauges: Record pressure on each gauge and casing string on BHT form. Open valves to atmosphere and record results on BHT form.

Designate what applies to the result of opening the valves for each string:

- | | |
|------------------------|-----------|
| • Blow or Puff | Yes or No |
| • Bled down to Nothing | Yes or No |
| • Steady Flow | Yes or No |
| • Oil or Gas | Yes or No |
| • Water | Yes or No |

Start: Injection or SWD pump so tubing pressure can be read.

Instructions below apply to the District 1 Hobbs office since this must be reported on a form.

In case of pressure:

1. Record pressure reading on gauge.
2. Bleed and note time elapsed to bleed down.
3. Leave valve open for additional observation.
4. Note any fluids expelled.

In absence of Pressure:

1. Leave valve open for additional observation.
2. Note types of fluids expelled.
3. Note if fluids persist throughout test.

Note. Tubing pressure on injection or SWD wells.

Test will be signed by person performing test with a contact phone number.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 97953

CONDITIONS

Operator: ARMSTRONG ENERGY CORP P.O. Box 1973 Roswell, NM 88202	OGRID: 1092
	Action Number: 97953
	Action Type: [UF-BHT] Bradenhead Test (BRADENHEAD TEST)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	11/16/2022