

<b>Well Name:</b> GOLDEN TEE 31 FED COM	<b>Well Location:</b> T22S / R35E / SEC 31 / NWNE / 32.3543298 / -103.4028917	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 606H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM128836	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002549392	<b>Well Status:</b> Producing Oil Well	<b>Operator:</b> AVANT OPERATING LLC

Accepted for Record Only

SUBJECT TO LIKE APPROVAL BY BLM

NMOCD 1/25/24

X7

### Subsequent Report

**Sundry ID:** 2770633

**Type of Submission:** Subsequent Report

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 01/18/2024

**Time Sundry Submitted:** 03:34

**Date Operation Actually Began:** 01/09/2024

**Actual Procedure:** Avant Operating, LLC would like to report the workover operations on the subject well. This well was converted from ESP to GL, installed GL injection line from compressor to existing injection line that was installed before flowback. Please see attached procedure of the work completed.

### SR Attachments

#### Actual Procedure

BLMProcedure\_\_Convert\_to\_GL\_\_Golden\_Tee\_31\_Fed\_Com\_606H\_\_Jan\_2024\_\_003\_\_2024011815333  
2.pdf

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**Operator:** AVANT OPERATING LLC

**Operator**

*I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a*

**Operator Electronic Signature:** MEGHAN TWELE

**Signed on:** JAN 18, 2024 03:34 PM

**Name:** AVANT OPERATING LLC

**Title:** Contract Regulatory Analyst

**Street Address:** 1515 WYNKOOP ST SUITE 700

**City:** DENVER

**State:** CO

**Phone:** (720) 339-6880

**Email address:** MTWELE@OUTLOOK.COM

**Field**

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

**BLM Point of Contact**

**BLM POC Name:** JONATHON W SHEPARD

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5752345972

**BLM POC Email Address:** jshepard@blm.gov

**Disposition:** Accepted

**Disposition Date:** 01/24/2024

**Signature:** Jonathon Shepard

**Golden Tee 31 Fed Com 606H – AL Failure ESP – Convert to GL (3<sup>rd</sup> BSS)**Max known H<sub>2</sub>S: 10 PPM

**Objective:** Pull ESP on Golden Tee 31 Fed Com 606H due grounded DH after 97 day run. Send company owed ESP equipment & cable to Endurance to be tested to identify cause of failure and put into customer owned inventory. Conversion to GL due to CSG patch restrictions. Inspect tubing and hydrotest, RIH with new GL design to 60 degrees w/ CT line and RTP well.

**Location:**

- API: 30-025-49392
- Latitude, Longitude: (32°21'12.31"N, 103°23'58.47"W)
- Directions: From Eunice NM. Go 2.5 miles south to Delaware Basin Rd and turn west (right). Go 16 miles and turn north (right). 1.4 miles and turn west (left). Follow the main road approx. 2 miles to the location on the left.

**Well History:**

- 01/19/2023: Spud well – 3<sup>rd</sup> BSS
- 06/18/2023: Complete well - 47 stage frac. Drill out all plugs and tagged PBTD.
- 09/16/2023: Install 1<sup>st</sup> AL (Endurance ESP), installed 2-3/8" x 2-7/8" tapper string due to CSG Patch restrictions, landed out and RTP.
- 09/20/2023: AL Failure – ESP Grounded. ND Production tree and unlanded. Checked cable at pot head and cut below, re-tested cable and showed good readings. Took 1 JTS out and re-landed ESP. RTP Production.

**Current Configuration:**

- Production Casing: 5-1/2" 20# P-110, Surface – 18,978' MD. (KOP @ ~10,836' MD)
  - CSG Patch: 5,663' – 5,720' I.D.= 4.035"
  - ID = 4.778", Drift = 4.653"
- Perforations
  - Top = 11,582' MD
  - Btm = 18,903' MD

**Contacts:**

Name	Company	Title	Phone Number
Rusty Sandry	Avant	Senior Operations Engineer	307-899-1172
Amit Kumar	Avant	Production Superintendent	575-513-5811
Isaiah Jasso	Avant	Route #1 Lease Operator	956-740-7910
Tony Lovstuen	Avant	Workover Consultant	432-214-1402
Michael Whatley	Avant	Workover Consultant	432-770-9911
Brain Deal	Endurance	GL Ops Rep.	405-590-7248
Maaib Naseem	Sooner Pipe	2-3/8" Tubing	832-367-4706
Hunter Warren	Cameron	Wellhead Rep.	432-530-1292
John Brink	JACAM	Chemical Rep.	575-241-6801

**Procedure:**

1. MIRU workover rig. Bleed well off and if it won't bleed off, conduct 30 minute shut in test and calculate weight of kill fluid. Consult with engineer if fluid over 10# brine is required.
  - a. During install in September 2023, well required 10# brine fluid.
2. ND ESP tree, NU & test BOPE to 250 psi low and 4500 psi high for 15 minutes each.
  - a. Dress bottom set as blind rams, top set as 2-7/8" pipe rams
3. POOH with 2-7/8" 6.5# & 2-3/8" 4.7# EUE tubing, CT Line, and ESP. Inspect tubing visually during pull and note what is found. Note any corrosion or scale on tubing and lay down joints to replace as needed. Collect samples of any solids found and give to JACAM for analysis. Stand back good tubing to be rerun.
  - a. Inspect ID visually near collars and note any heavy scale buildup.
  - b. RIH w/ TBG string and scan back out. Send scan results to engineer.
    - i. 167 JTS 2-7/8" lay down and stack on side of location.
  - c. Test CT Line and if pass, re-use for GL install.
4. Lay down ESP and send in to Endurance to be inspected and preform testing to put back into Inventory.
5. Order out 7,000' of 2-3/8" 4.7# L-80 TBG from Sooner Pipe (ALREADY at their yard in Midland).
6. Test BOPE to 250 psi low and 4500 psi high for 15 minutes each.
  - a. Dress bottom set as blind rams, top set as 2-3/8" pipe rams
7. RIH with production assembly as below (top to btm) w/ Cap String (3 bands per) and hydrotest while RIH to 5000 psi- see attached design
  - 2-3/8" 4.7# L-80 EUE NEW tubing string with new 2-3/8" EUE L-80 gas lift mandrels & 1.5" valves set up **w/ single checks** at depths detailed below.

Valve #	Valve Desc.	Depth TVD	Depth MD	TRO (psi)	Port Size	Special Instructions
12	IPO-1	2550	2550	1250	16/64	
11	IPO-1	3950	3950	1230	16/64	
10	IPO-1	4950	4950	1210	16/64	
9	IPO-1	5700	5701	1190	16/64	
8	IPO-1	6400	6404	1170	16/64	
7	IPO-1	7100	7112	1150	16/64	
6	IPO-1	7750	7771	1130	16/64	
5	IPO-1	8400	8428	1110	16/64	
4	IPO-1	9050	9086	1090	16/64	
3	IPO-1	9600	9644	1070	16/64	
2	IPO-1	10150	10201	1050	16/64	
1	OV 1"	10690	10743		16/64	

- 2-3/8" Stinger SS w/ XN-Profile
  - 2-3/8" 6.5# L-80 EUE (chemical mandrel – 4' pup)
  - 2-3/8" wireline re-entry guide on bottom @ 60 degrees in curve @ 11,439' MD.
2. When GL Design has been run to setting depth of +/- 11,439' (EOT), Space out tubing and land the tubing hanger in the wellhead.
  3. ND BOP, NU WH. Eliminate all restrictions. Well needs to ride line pressure when on gas lift. Make sure chemical is hooked up and pumping.
  4. Turn well over to production. Leave well shut in so production can kick off. Foreman will be responsible for kicking on injection to turned back online.
    - Amit Kumar                      Production Superintendent                      575-513-5811
    - Isaiah Jasso                      Route #1 Lease Operator                      956-740-7910

**Surface Facilities:**

1. Set electric compressor on pad.
2. Tie injection line into existing lines that were already laid before Flowback.
  - a. Using as much of the original piping as possible.

**Gas Lift Compressor:**

- Company: TOPS
- Engine: 450 HP Electric
- Compressor: Electric
- Suction: 60 psi
- Kickoff: 1,200 psi
- Operating: 1,200 psi
- Capacity: 1800 Mcf/d

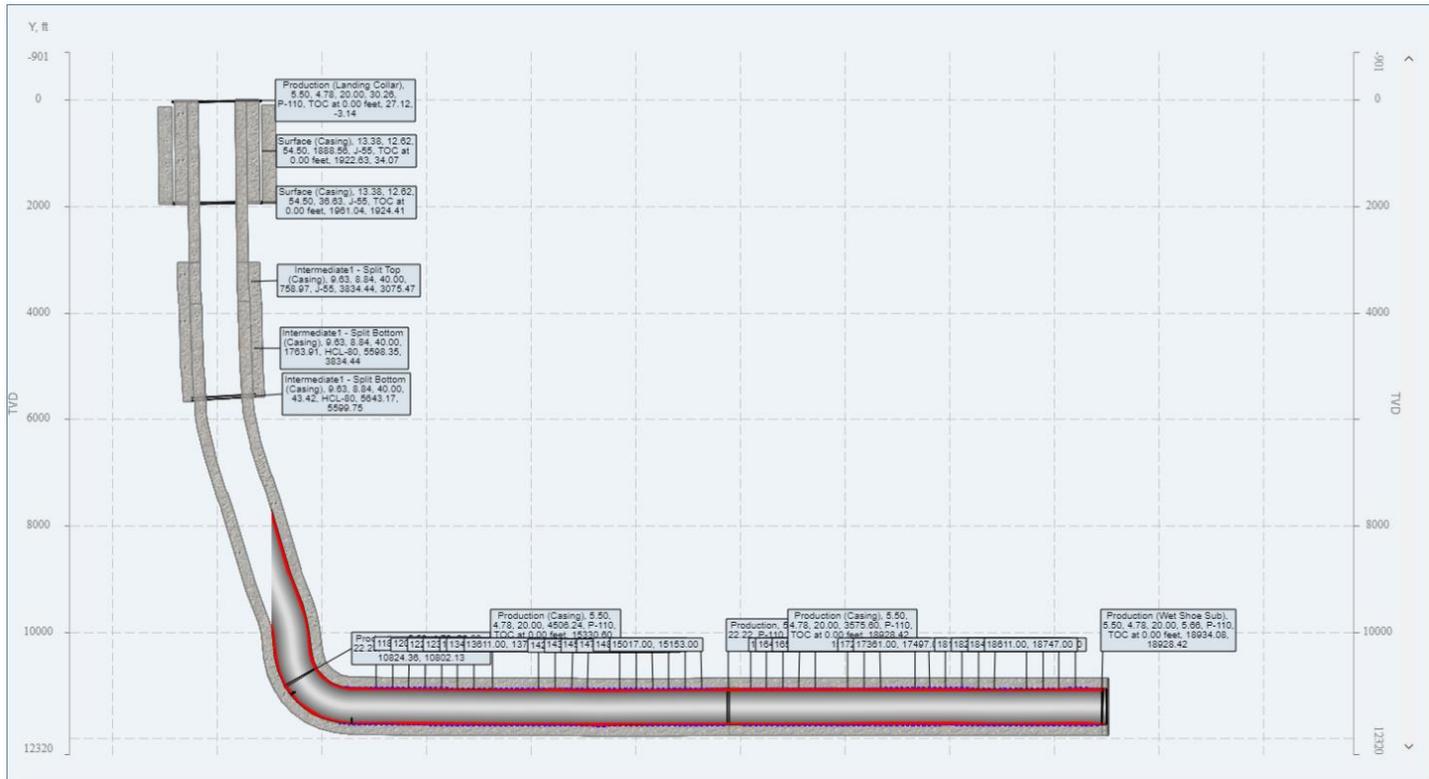
**Casing Details:**

<b>Well Name:</b>	Golden Tee 31 Fed Com #606H		
<b>Job Name:</b>	New Drillout		
<b>Report Date:</b>	07/12/2023		

<b>Field:</b>	Bone Springs	<b>Country/State:</b>	NM
<b>AFE #:</b>	NM0020	<b>API #:</b>	30-025-49392
<b>Lease:</b>	Golden Tee	<b>DFS:</b>	
<b>Frac Vendor:</b>	CUDD	<b>Rig:</b>	1

Casing						
Description	OD	ID	Grade	Bottom MD	Length	Cumulative
Surface (Casing Hanger)	13.375	12.615	J-55	29.66	1.64	1.64
Surface (Casing)	13.375	12.615	J-55	1,961.04	1,925.19	1,926.83
Intermediate1 - Split Bottom (Casing)	9.625	8.835	HCL-80	5,643.17	1,807.33	1,807.33
Intermediate1 - Split Top (Casing)	9.625	8.835	J-55	3,834.44	3,795.86	3,795.86
Production (Casing Hanger)	5.500	4.778	P-110	28.94	1.82	1.82
Production	5.500	4.778	P-110	15,352.82	44.45	46.27
Production (Casing)	5.500	4.778	P-110	18,978.32	18,896.88	18,943.15

**WBD:**



**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 307664

**CONDITIONS**

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 307664
	Action Type: [C-103] Sub. Workover (C-103R)

**CONDITIONS**

Created By	Condition	Condition Date
kfortner	Like approval from BLM	1/25/2024