

Operator		Jack L. McClellan & Len Mayer	
Contractor		Lease Gilmore Federal	Well No. 1
Rig		Field	County
Elevation		Subdivision 1/4	1/4 State
Spud		Location lines of sec.	
Completed		Attempted to set packer at 4080'. Packer would not set. Attempted to re-set at 4050'.	
T.D.		Packer would not set. Will pull packer out of hole 7/15.	
P.B.T.D.		7/15	Pulled tubing to put on new packer. Bridge Plug set at 4025', Packer at 3970'. Acidized 3992-98 with 750 gals 15% N. E. Acid. First 1/2 of treatment went into lower zone. Press. broke around packer side. Pressure on back side of casing probably communicated with upper zone.
Top Pay		Set Bridge Plug at 3960', Packer 3860', acidized with 2250 gallons 15% N. E. Acid. Treated at approximately 2000#. 10 minute shut in pressure, 1800#.	
Pays			
Gravity GOR			
T. Press C. Press			
Initial Prod.			
Casing			
@	w/		
@	w/		
@	w/	7/16	Well flowing acid water. Swabbing zone from 3860 - 3960'. Swabbed muddy sulphur water with trace of oil. Well can be swabbed down. 30 minutes shut in. Fluid at 300' from bottom.
@	w/		
Treatment		7/17	1 shot per foot (corrected back to open hole log) perforated 3596, 97, 3700, 3708, 10, 11, 12, 16, 17, 18, 19, 20, 33, 35, 40 & 42. Picked up Bridge Plug at 3967 and reset at 3731.
Remarks		Pulled tubing back to 3700' and set Packer to test Bridge Plug and Packer. Pressured up 1500#, Packer and Bridge Plug held.	
GEOLOGICAL DATA		<del>XXXX</del> Set Packer 3670'. Acidized with 750 gallons 15% N. E. Acid. Shut in pressure, 2100#. 10 minute SIP 1900#. Commenced swabbing 1:00 PM July 17.	
	Scout	Cuttings or E.L.	
TA			
TS			7/18 Hung swab in hole. Pulled 5 joints. Picked up BP at 3731 and reset at 3669. Set BP at 3665' to test Packer & BP. Pressured up 2000# slightly due to surface leak. Held 1800# for 2 minutes. Unseated Packer. Spotted acid across perforations. Packer 3545'. Prepped to acidize with 54 barrels acid. Acid treatment at 1200#. Increased injection rate to 3.5 barrels per minute. Average treating pressure, 3300#. Initial shut in pressure, 2200#. No leak to casing. 10 minute shut in pressure, 2100#.
BS			
Yates			
7-Riv			
Queen			
TGr			
TSA			
			7/19 Well shut <del>XXXX</del> in overnight. Run in swab. 2500' fluid in hole. Strong gas blow for 1 minute upon opening well. 1st run - Fluid level 2500'. Oil & water mixed on top of run. Good show of gas.

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Elevation		Subdivision 1/4	1/4 State
Spud		Location lines of sec.	
Completed		2nd run - 6' from bottom. Pulled good amount of fluid, mostly acid water.	
T.D.		3rd swab run - Indicated fluid level 1500' off bottom. Pulled 500' fluid with increase of oil and gas.	
P.B.T.D.		4th swab run - recovered 20 gallons fluid, 100% oil. Well swabbed down at 8:00 A. M.	
Top Pay		5th swab run - Well shut in 30 minutes. 45 gallons fluid, mostly oil.* Well shut in 1 hour. Swabbed 50 gallons fluid, oil and water mixed.	
Pays		* 6th swab run	
Gravity GOR		7th run - Well shut in 2 hours. 500' fluid in hole. Made 3 runs. Fluid mostly water with good gas show.	
T. Press C. Press		7/20 Shut in 8 hours. 2500' fluid in hole. Swabbed oil and water, estimated 10% oil. Tested approximately 300' fill up in 30 minutes. Unseated BP, set at 3730'. Reset Packer 3670'. Swabbed perforations 3683-91'. Fluid level 1500. Swabbed acid water. On subsequent runs well began making 100% sulphur water. Could not swab well down below 2600'.	
Initial Prod.		7/21 Unseated Bridge Plug and started out of hole. BP hung up. BP recovered. Set cast iron BP on wire line at 3670'.	
Casing @ w/		7/22 Permanent BP set at 3670'. Packer 3547'. Pressured up after packer was seated with 2000#. Packer and BP held. Spotted acid over perforations 3596-42'. Treated with 5000 gals. 15% N. E. Acid. Average injection rate, 5 BPM. SIP 1900#, after 10 mins. Dropped 32 balls of partial ball-out. Some indication of formation breaking down. Swabbed down, dropped balls off perforations. Pumped 75 barrels acid. SI 15 mins. Well opened at 8:15 A. M. A strong flow of acid water. Flowed approximately 1 hour and commenced swabbing.	
Treatment		7/23 Swabbing.	
Remarks		7/24 Swabbed 48 hours into High 500 barrel tank. Recovered 51 barrels of fluid, approx above load. Approximately 2 BO and 49 barrels sulphur water. Well can be swabbed down and fluid level will rise approximately 600' in 1 hour. Well SI waiting on orders.	
GEOLOGICAL DATA			
	Scout	Cuttings or E.L.	
TA			
TS			
BS			
Yates			
7-Riv			
Queen			
TGr			
TSA			