

**Well Repair/Maintenance Notes**

**Daves Lease**

**Well # D26**

**Well Details:** NE NE SW API#049-21-834; Docket# CD 118111 C-20, 410Sec 27 TWP 29S RGE 9E;  
2310 ft. North from SE corner of section and 2970 ft. west from SE corner of section, Casing: Surface –  
Size Hole drilled 12 1/2", size casing (OD) 8 5/8", 24 lbs/ft weight, setting depth - 85.5', cemented with 47 sacs 2% cc  
2312 ft. North from SE corner of section and 2970 ft. west from SE corner of section, Casing: Surface – Size Hole drilled 12 1/2",  
size casing (OD) 8 5/8", 24 lbs/ft weight, setting depth - 85.5', cemented with 47 sacs 2% cc  
Production – Size hole drilled 6 3/4", Size casing set - 4 1/2", 9.5lbs/ft weight, from 0 to 2348' cemented with 150 sacs with no  
no additives.

**Drilling and Completion Notes:**

07/13/84	Set Surface
07/16/84	Started drilling with Mud Rotary drill
2285-90	Shale
2290-95	Med flor slight odor lots of shale
1195-2300	good flor and odor, mostly lime with shale
2300-05	Good flor. And odor, very strong looked as above, drilling 2 to 3 mins. Per foot. Driller called top 2281', 2 to 2 1/2 min ft. at 2290-2291.
2305-2310	Good odor and flor. Med. Brown lime, good oil show from 2300. Not much chert yet
2310-15	Odor-flor-stain lighter than above. Mostly brown lime. Small amt. of chert yet. but not as much.
2315-20	Flor. Not as good, Odor fair, Stain good, Show of oil med brown burnt(?) few pieces of dark (?) lime.
2320-25	Flor better, Odor fair, little more chert, mostly medium brown and gray lime. Some dark lime. Fair show.
2325-30	Good Flor, fair odor, getting more chert fair stain show
2330-35	Light flor., fair odor, still has fair to good dtain
2335-40	Light flor., light odor, some stain, not much show. Started drilling sloe 4 mins. At 2337
2340-45	Light flor., no odor, no show. 30-35' of good samples from 2295-2330.
2352	TD
07/19/84	Completed drillng TD 2352. Good samples frm 2295-2330
<b>Logging:</b>	
07/24/84	Log Perf by Top Wireline. Perf 8 shots as follows: 2281-2283-2286-2289-2292-2295-2301-2304. 24 total. Top Wireline left two wires approx. 18' long in the hole.

**Fracing:**

08/15/84 Consolidated "Big Truck". (Mike0. 550 BSW. 40m sand 500 gal. 15% acid. Broke at 2200 psi.  
Set for 5 min. Started frac at 600, back to around 400-250. 50 bbl overflush. Run line 20' sand in rat.  
Run down 2 7/8 8R up and 3/4" myers "D" rods, 10' barrel, 22' polish rod and 10' liner.  
Question W(hy) went to vaccuum after frac.Run 70% fine 20 x40 sand. 30% 10 x 20

**Acidization:**

**Other Notes:**

Drill stem tests taken NO  
Samples sent to Geological Survey NO  
Cores taken NO

02/23/95 Perf AZ/SOOG/SHO Gas  
1983-1989' Tr of Oil  
2 holes per foot; 3 1/8" HSC BDD=1500#. Dried Up; ISIP = 200-150 Ht 15"  
It blew gas later

04/19/95 P.O.P. 600' fluid in hole

04/20/95 Pumped Oil 1.66616 ?? Separator  
1 OSWEGO 1952-1960' Porosity 12; 23' ???? Mulky  
2 1983-1989'  
3 2-23-1995 -- CI Bridge Plug @ 2240'  
4 4-21-1995 -- Pump Stuck, Un-Stuck, Pumped off and gassing oil 5-10% oil cut  
5 4-25-1995 -- Pumped 1/2 BOPD, 5 MCFGPD, Pumped off in 30 minutes  
6 4\*30\*1995 -- Pumped 2BO with NO WATER. Pumped off SSG???

**Production:**

Production formation - Mississippi  
Size of tubing - 2 3/8 set at 2275

08/17/84 Put to pumping 4PM  
08/18/84 8:30AM on oil, fair, gas on annulus. Running 15 strokes per min., 54" stroke.  
08/22/84 Showing 15 to 17 BOPD.

**Maintenance/Repair:**

Dateof Service	Service provider	Service
<b>2003:</b>		
02/06/03	McDonald Bros. Propr	Propane for testing before converting to electric
01/25/03	C&E Services	Pulling -Rig up, pulled rods,painted and pulled tubing, found split in

		46th joint, replaced and ran tubing and rods. Put 50 rod guides on bottom rods
01/28/03	Harrod's Inc.	Rebuild 346 cyl.head and repair starting motor for engines
09/16/03	C&E Services	<b>Pulled well:</b> Rods were stuck, stripped well out, ran <b>SAND PUMP</b> , fluid level at 1260 ft, TD 2190, rig down. Well Inventory: Pulled from Well 2000 ft, 80 jts. 3/4" rods, 1-pump, 1- gas anchor, 59 jts. 2 7/8 tubing, <b>ONE 60' (???) MUD ANCHOR</b> , 1 – 16' Polish Rod.
<b>2004:</b>		
08/25/04	C&E Services	<b>Pulling</b> – Drove to location, Rig up, TD on well 2210, fluid level at 500', swab down to 2000 ft 1 ½ barrel oil on top, let set 15 mins. had 100 ft. fill up, let set 30 mins. Has 100 ft. fill up, slight show of oil, rig down, moved off.
<b>2007:</b>		
11/15/07	C&S Pipe Testers	<b>Tubing Testing:</b> 2 3/8 Pipe from D21 that was held at Economy, tested 42 joints, blew 2 and cleaned 5
11/14/07	Economy	<b>Downhole Pump Repair:</b>
11/19/07	Economy	<b>Tubing:</b> 795.10' 2 3/8" 8 RD 25 joints used tested @7000# @\$2.95/ft <b>Mud anchor:</b> 2 3/8" 8 rd EYE ???
11/28/07	Harrod's Inc.	<b>Pump Jack:</b> Haul unit and set, Winch truck and backhoe, build pad
12/26/07	C&E Services	<b>Pulling</b> – Drove to location, Rigged up for tubing, screwed head on, tallied tubing, ran mud anchor and 25 jts. At well, hooked on to trailer, backed trailer in, ran tubing off trailer, drove over to tubing on ground, loaded tubing on up to next joint, landed tubing, hooked up well head, rigged up for rods, ran pump and rods off trailer into well, seated pump, respaced well, stroked well, hung well on, rigged down. Well inventory: 6' gas anchor; 2 x 1 ½ x 10' pump; 1 – 2' ¾ sub; 86 ¾ Rods; 2 – 2' 1 – 8' ¾ subs; 12' – 2 3/8 mud anchor; 2 3/8 seat nipple; 69 – 2 3/8 jts.
<b>2008:</b>		
02/07/08	Economy	<b>Parts:</b>

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