

District	County or Parish	State
Rocky Mountain	San Juan County	New Mexico
Basin Dakota	Lease or Unit	Well no.
or W.O. no.	Maddox WN Federal	#1
543853 & 544281	Title	
	Repair Casing & Return Well to Production	

Operator	A.R.Co's W.I.		
ARCO Oil and Gas Company	50.0000%		
Added or W.O. begun	Date	Hour	Prior status if a W.O.
Workover	9/7/82		Shut-In

Date and depth of 8:00 a.m.	Complete record for each day reported
9/7/82	<p>PBD: 675 l'</p> <p>Dakota Perfs: 6590'-6738'</p> <p>MI RU pulling unit, steel pit &amp; duplex pmp. Removed tbghead &amp; pumped wtr dwn tbg &amp; out csg. Circulated drlg mud out of hole. NU BOP. Pulled on tbg, but tbg was stuck. Worked tbg free by circulating hole w/pump &amp; pulling up to 80000#. POH 124 jts. 2-3/8" EUE 8 rd tbg. The next 3 jts. were badly scaled w/holes in them; laid them dwn. POH 93 jts. 2-3/8" tbg &amp; a 4' x 2-3/8" bull plugged perforated sub. LD perforated sub &amp; PU Baker Csg Scraper &amp; ran in hole on 219 jts. 2-3/8" tbg to approx. 6680'KB. Circ drlg mud out of hole until we ran out of wtr. Shut well in. SDON.</p>
9/8/82	<p>Opn'd up well. Tbg was dead &amp; csg had about 5 psi on it. Finished circulating mud out of hole. POH tbg &amp; csg scraper. LD csg scraper &amp; RIH 7 jts 2-3/8" tbg, a Baker Model "C" fullbore packer &amp; 212 jts 2-3/8" tbg. Set packer at 6453'KB by pulling 15000#. Prepared to swab. Made 7 swab runs. Initial fluid level at 800'. Final fluid level at 3300'. Estimated recovery of 20 bbls of wtr &amp; mud. Shut well in and SDON.</p>
9/9/82	<p>13 hr SICP = 0 psi. SITP = 520 psi. Opn'd well &amp; made one swab run. Initial fluid level at 2000'. Recovered about 3 bbls of wtr. Well kicked off &amp; flowed wtr and gas. After 10 hrs, well flowing about 700 MCF/Day. Allowed well to flow overnight.</p>
10/10/82	<p>After 25 hrs, well flowing about 750 MCF/Day gas w/a fine mist of wtr. Call data into Denver Engineering Dept. Wait for further instructions. After 32 hrs, well flwg about 800 MCFPD. Shut well in. SDON.</p>
11/11/82	<p>16 hr SICP = 0 psi. SITP = 1280 psi. Pmpd 29 bbls fresh wtr dwn tbg to kill well. Released packer &amp; pulled 30 jts 2-3/8" tbg. Reset packer at 5527'KB. Pmpd 5 BFW dwn csg. Csg would not pressure up. Released packer, pulled 30 jts 2-3/8" tbg, and reset packer at 4621'KB. Pmpd 8 BFW dwn csg. Csg would not pressure up. Opn'd Bradenhead valve. Released pressure. Released packer, pulled 30 jts 2-3/8" tbg, and reset packer at 3696'KB. Closed Bradenhead &amp; pmpd 5 BFW dwn csg. Csg pressured up to 500 psi &amp; bled off. Opn'd Bradenhead; no pressure. Released pkr, pulled 6 hts tbg, tstd in the same manner &amp; got same results. Pulled 6 more jts tbg, same results. Pulled 20 more jts tbg, same results. Pulled 4 more jts tbg, found hole in 125th jt tbg. LD 125th &amp; 126th jt tbg. Set pkr &amp; pmpd wtr dwn csg. Pressured up to 600 psi &amp; did not bleed off. RIH 44 jts tbg &amp; set pkr at 3952'KB. Csg would not pressure up. Pulled 6 hts tbg &amp; set pkr at 3770'KB. Had trouble setting pkr, thought hole may be here. Csg would not hold pressure. Released pkr, pulled 1 jt tbg &amp; reset packer at 3740'KB. Csg pressured up to 800 psi &amp; held. Released pkr &amp; pulled tbg &amp; pkr. PU Baker bridge plug &amp; retrievamic Baker pkr. RIH on 2-3/8" tbg. Set BP at 4377'KB. Circ 2 sx sd dwn on BP &amp; pulled 1 jt tbg. Set pkr * pmpd wtr dwn tbg. Pressured</p>

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