

Field	Lease or Unit	Well no.
Horseshoe Gallup	Horseshoe Gallup	292
Auth. or W.O. no. 337455 & 337463	Title <i>Drill & Equip.</i>	API #30-045-22103
Loc: 2474' FSL & 2463' FEL Section 24-31N-17W		
Operator Atlantic Richfield Company	A.R.Co's W.I. 47.	
Spudded or W.O. begun	Date	Hour
SPUD	7/21/76	1:15 p.m.
Prior status if a W.O.		
Date and depth as of 8:00 a.m.	Complete record for each day reported	
7/21/76	Rd & loc comp. Prep to MI & RURT. Aztec Well Servicing Co. - Contr.	
7/22/76 131	WOC. SPUD 12-1/4" hole 1:15 p.m. 7/21/76. Drld to 131'. Ran 3 jts, 114.40', 8-5/8" OD 24# K-55 8rd ST&C II csg, set @ 127.40'KB, cmtd w/120 sx Class "B" w/2% CaCl, PD 12:45 a.m. 7/22/76. Gd returns. 2 centralizers. B#1, Sec., S3, 0-131, 131' in 9-3/4 hrs. \$ 7,576	
7/23/76 775	Drlg sd & sh. 3/4" @ 500'. Drlg w/wtr. 70 RPM, 16M#. B#2, Smith, EGE, cmt @ 90' & drlg. Nipl'd up, instl'd BOP. Tstd BOP & csg to 800# f/30 min, held OK. Tag cmt @ 90', started drlg cmt @ 6:45 p.m. 7/22/76. \$ 13,499	
7/24/76 1440	Trip f/bit. 1/4 @ 122', 3/4 @ 500', 1-1/4 @ 800', 3/4 @ 1100', 1 @ 1400'. Mud 9.1#, 35 vis, 90 RPM, 30M#. B#2, Smith, EGE, 90-1440', 1350' in 33-1/4 hrs. \$ 19,647	
7/25/76 1530	TD - WOC. 1 @ 1520'. Drld 7-7/8" hole to 1530'. Dresser-Atlas ran IES w/GR 1530-125', WLTD 1536'. Ran 46 jts, 1522', 5-1/2" OD 14# K-55 8rd SH csg set @ 1530', cmtd w/150 sx B-J Light w/10# gilsonite/sx followed w/75 sx neat, gd circ, circ some live oil, no cmt circ, PB 7:40 p.m. 7/24/76. Set slips, rig rel 8:40 p.m. 7/24. 4 centralizers, 7 scratchers, Bkr shoe & float. \$ 30,848	
7/26/76 1530	TD - WOC. \$ 30,848	
7/27/76 1530	TD - WOC \$ 30,848	
7/28/76 1530	TD - WOC	
7/29/76 1530	TD - WOC	
7/30/76 1530	TD - WOC	
7/31/76 1530	TD - WOC	
8/01/76 1530	TD - WOC	
8/02/76 1530	TD - WOC	
8/03/76 1530	TD - Pre to log, perf., & frac. MI Farmington Well Service, Hauled in frac tanks. \$ 51,798	
8/04/76 1503	PB - Prep to sd pump. MI & RU Farmington Well Service. PU & ran 2-7/8" tbg to 1503' PBTD. Circ hole w/plant inj wtr w/1% D-600. Swbd dn to 1000'. Pld tbg. RU Blue Jet, ran GR-Correl collar log. Perf'd Lower Gallup w/4" carrier gun, 1444-52' w/2 jets/ft. RU Western. Frac perms 1444-1452: 2000 gal Pad, 4000 gal w/ 1/2# 20-40 sd/gal, 6000 gal w/1# 20-40 sd/gal, 28000 gal w/2# 20-40 sd/gal, 1386 gal flush. Frac fluid: Inj plant wtr w/20# Guar Gum & 25# silica flour/100 gal. Pad w/110 gal S-235 scale inhib'r. Flush w/inj plt wtr. Brk @ 2700#, Avg 1000#, AIR 20 BPM, final 850#, ISD 400#, 15 min 325#, job comp 4:45 p.m. 8/3/76. Started back flw @ 6 p.m. Flw 266 BL 1st 2 hr. This a.m. total 304 flwd & well dead. -681 BL. \$ 42,425	
8/05/76 1503	PB - Prep to swb. CO 60' sd w/sd pump. Ran 2-7/8" OD EUE tbg w/seating nipple. Landed tbg @ 1491'. Made 3 runs w/swab, rec'd 15 BLW w/tr oil. -666 BL. SDON. \$ 43,275	
8/06/76 1503	PB - Prep to CO sd & inst pump. Swbd to frac tank 9 hrs, rec'd 192 BLW w/sml an oil, & pocket of gas on ea run. FL 1000', plg f/1400', Avg 20+ BPH. SDON. -474 BL. \$ 44,775	
8/07/76 1503	PB - WOC flw line. Tag btm w/tbg & check sd, no sd fill. Pld tbg. Ran 46 jts 2-7/8" OD EUE 6.5#, J-55 8rd tbg w/2-1/4" bore tbg pump, ran 58 - 7/8" rods & hung well on. Rel rig 8/6/76. \$ 47,863	
8/08 & 8/09 1503	PB - Working on flw line	
8/10/76 1503	PB - Pmpg f/test, no ga. On pump to bttv @ 4:00 p.m. 8/9/76. \$ 47,863	
8/11/76 1503	PB - Plg pump to CO sd. Pmp 12 hrs w/2-1/4" tbg pump, 16 - 64" SPM; pmpd 180 BW w/tr oil, pump sanded up & stuck. RU plg unit, worked out 1 rod. SDON. \$ 48,013	
8/12/76 1503	PB - CO sd. Stripped out of hole w/rods & tbg. Pump barrel full of very fine sd. CO 30' of frac sd. SDON \$ 48,713	
8/13/76 1503	PB - Check f/sd fill. CO 2' sd. Ran 46 jts 2-7/8" tbg w/seating nipple. Btm of tbg @ 1451.96'. Ran 2" bore RWAC pmp. on 7/8" rods. Resumed pmpg. operations 2 p.m. 8/12/76. \$ 49,213	
8/14/76 1503	PB - Prep to pull pmp. Pmp 48 BW in 24 hrs. Silica flour coming in.	
8/15/76 1503	PB - Pmpg f/test. Pld rods & pmp. Swbd to pit 8 hrs, occ grain of sd. Ran rods w/2" bore insert pmp. Pmp 97 BW in 8-1/2 hrs, gd color this a.m. \$ 52,113	
8/16/76 1503	PB - COMPLETED OIL WELL 8/16/76. Pmpd 20 BO & 470 BW in 24 hrs f/Lower Gallup perms 1444-52', 16 - 64" SPM, 2" bore pmp. 42° gty. \$ 52,113	

