

Date	Type Test	Depth Feet GL	Temp of	Injection Flow gpm	Injection (gpc)	Conditions
4/29/75	USGS Logging	902'				Temp and caliper surface hole tools failed
4/30/75	Randall Logging	902'				Caliper & Temp. for cementing surface casing.
5/12/75	Temp log	4229'			200 (loss in)	Schlumberger Logging. Logging 5 bbl mud / hr
5/13-14/75	DST (Cull stem test) & Temp survey	4139' (pack) 4260'	245° BHT 263 BHT	315 No flow conditions		2 days since drilling, losing some circulation. Recovered 34' mud & 859' water during 12 hr test. Ran Amerada Bomb after test
5/28	Amerada Flow	4,350	205° F surface	27-400	16,000	Pulled out shoe and drilling ahead with water well began to flow WHP 130 psi shut in. When opened to flow well flowing in 1/2 hour. Coiled sidetrack hole by sampling 400 bbl cold water. Well began flow at 11am by 5pm 400gpm. Temp survey after taking core at 4358' well flowing during temp survey.
5/28 5/29	Amerada Flow Amerada Bomb Temp survey Flow test	4350' 4,300' (at) 4358' (at depth) 4358'	206° F 206° F 206° BHT in 1 hr	27-400 195 282		Temp survey after taking core at 4358' well flowing during temp survey. 150 bbl cold water pumped to cool well prior to temp survey. Coiled hole after survey by 400 bbl. Tripped into 4 hr hole. Well blow through drill pipe.
5/30	Amerada Bomb Temp survey	4358'			6,000 16,000	

	Type Testing	Depth	Temp	Flow	Inject	Conditions
6/2	Annular Temperature & Flow test	4788' 4774'	280°F	550		After cone attempt, ^{and CBL} Cool water injected during survey. Well flooding during trip survey.
6/3	Injection test	4788'			59,040	After CBL, increased from 0 to 120 spm in increment of 20 spm/10 min during 155 minute period. These decreased to 0. WHP 87 psi at 0 spm to 235 psi at 120 spm and back to 45 psi at 0 spm. After injection test.
	Flow test	4788'	265°F (surf)	550- 632		
6/18	Flow test	5024'		590		Flow test ^{after} trip ^{out} for new bit. Cool water had been pumped in hole. WHP 104 shut in.
6/21	Flow test	5335'		603		After trip ^{out} before hole closed. Low flow 1 1/2 hrs shut in WHP 82 psi not flashing
6/23	Flow test	5523'		592		Test after trip out. Flow for 1/2 hr with flow flashing at surface. Shut in WHP 88 psi after temp survey added hole and continued drilling
	A B temp survey	5200' 5523'	289°F 283°F BHT			
6/25	Flow test	5749'		690		After trip out flow 1/2 hr with shut in WHP 60 psi to 102 psi After flow test temp survey
	Annular Bomb	5749' 5200'	284° BHT 287°			
6/27	Flow test	5988'	TD	594		After trip out flow for 1/4 hr Evacuated to conditions hole for logging prior to trip out and flow test.
7/1	ON RIG WATCH					

Date	Type Test	Depth	Temp	Flow	Injection	WHP	Conditions
7/9	Flow test		258° surf	800		130 shut	After well had been shut in for 8 days
7/10	Flow test		262° surf	660			Well maintained 50 gpm since flow on 7/9.
	Reinjection test				183,208	135 psi differential 107 after survey	3 1/2 hours reinjection run at 40-60-1160-135 gpm
7/18	Well shut in					122	
7/16-20	Flowed well		267° WHT	780 100		30 148	flowed for 9 1/2 hrs. Reduced flow and maintained 100 gpm
7/20	Flowed well			100 250			for 16 hrs then increased flow
7/21	Flow test		250-270°	150-225		150	flow test ran 17 days
8/7	Imp. survey		267° WHT 290° EHT	216			flowing well during survey
8/8-20	Pressure survey Shut in Well	4,800' 4,800'	285° max	411 gpm		BHP 1717.7 psi BHP 2089.7 psi 140-131	WHP decreased over 2 1/2 days
8/20	Annular Temperature and pressure survey	4,800' 4,800'	284° BHT shut in 286° at 4,800' flow	200			Test ran for 9 hrs, conds. flow. DHP 2089.7 psi dropped to 2057.7.
8/20	Flowing well			200			Well shut in for 12 days
8/21	Flowed well			800		142 dropping to 129	opened well and flowed for 2 1/2 hrs. Well shut in until Sept 12, 1976.

Date	Type Test	Depth	Temp	Flow	Injector	WHP	Conditions
9/12	Pressure & Temp probe	5200 press tools				137 shut-in	Pressure reading 2,298.2 psi with no flow for 5 1/2 hrs flowed @ 25 gpm 2 1/2 hrs 2 P 10.5 flowed half day then looks tool out. tool shut in well.
1/13	Press & Temp probe	5200		225		142 shut in up to 151	
2/4	RRGE-1 Pressure & Temp probe	1,000					Probe set in #1 flowing #2 for pressure drawdown test. Can test through 2/19
	RRGE-2			916			
2/15-19	RRGE-2			800 reduced to 400			Probe @ 1,000 feet in #1 monitoring downhole press w/ #2 flowing Checking tool for malfunction
2/19	RRGE-1 press probe	1,000 to 3,700					
2/20	Pressure - drawdown test	1,000 tool in RRGE-1		400 RRGE-2			Resume test run test through 10/16.
10/12	RRGE-1 Pressure probe						
10/16	Shut in RRGE-2						Watching pressure buildup in RRGE-1
10/31	Flow meter RRGE-1			672 - 4.3 flashing			Attempted logging RRGE-1 with AWC and it's a S Pressure probe still in hole. pressure drawdown in RRGE-1 until 11/7. flow RRGE-2 starting 11/6 for test.
11/4	Resume probe RRGE-1	4,700		25 (RRGE-1)			

Date	Supp Test	Depth	Pumps	Flow Injection	WHP	Conclusions
11/13-12/3	Flow RRGE-2			60 20 (11/20) 40 (11/26)		Flowed minor flow until shut in 12/3
1/22	RRGE-1 Pump test			600-700 w/out pump 1,000-1,200 on pump		Shocking newly installed Reda pumps. Ran pumps for 1/2 hour
2/9/76	RRGE-2 Injection Test				574,000 163	1 1/2 hr test. Pumping RRGE-1 at ~1000 gpm flowing 300 gpm from #1 to #2. Shuts.
2/10/76	RRGE-1 Reda pump test RRGE-2 Injection Test			1050	305,000	Pumping 1050 gpm Ran injection w/ 1 pump for 11 hrs.
2/17/76	RRGE-2 Injection Test				330,000	Injection w/ 1 pump for 11 hrs
2/18/76	RRGE-2 Injection Test				511,000	17 hr test
1/6/79	RRGE-2 Injection					28 hrs total
1/20	RRGE-2 Flowed			750	840,000	Shut for 6 hrs
1/23/76	RRGE-2 Injection Test				240,000	Flowing RRGE-1 at 40 gpm to RRGE-2 reserve pit Injected 12 hrs.
1/30/76	RRGE-2 Injection				510,000	
2/2-6/76	RRGE-2 Injection Test				2,152,000	Pumping RRGE-1 to #2 reserve pit. Injecting with 2 pumps for 99 hrs. at 200 psi 709 gpm. Continually flowing RRGE-1 to #2 reserve

Date	Type Test	Depth	Imp	Flow	Injection	WHP	Conditions
2/25	RRGE-2 Injector Test				180,000		6 hours injecting at 500 gpm 175 psi.
2/26-7	RRGE-2 Injector				660,000		24 hrs w/ 1 pump
3/2-4					660,000		16 hrs injections
2/26-3/10	RRGE-1 Flowing			250 gpm	(8,145,208 injected since 2/11/76)		Flowing #1 to #2 reserves. ~3,135,000 gal circulated fluids during work.
3/3	DEEPENING RRGE2				20,000		Cool hole to log.
3/9	Injecting to log						
3/10	Temp survey	6534'					Flow tested
	Flow tested						Flowed for 9 1/4 hours
3/13	Imp survey	6543'	214°F WHT 270 BHT	361			During US&S logging
3/14	Imp survey	6543'		400			Flowing well while beginning
	Flow testing		229° WHT	450		65-7.5	Imp logging
3/15	Monitoring WHP						Well shut in for ~ 8 hrs
	Imp survey	6543'	276° BHT	400			Flowing while logging
		61000'	278° max				
3/16/76	Imp survey	6000	280°F	400			Well flowing, temperature and flow gradually increasing
		6262	282°F				
		6543	278°F				
3/21/76	MOVE Rig to RRGE-3						
7/16-18	Monitoring #2 temp and flow	6543		200-150			Flowing well for 5 days monitoring temp and flow increase on well recovery after previous rejections
		imp tool at 5,000	272°	150 jumps			& well deepening
7/19	Flow & Imp		272°	350			afternoon about 4pm flow made significant jump
7/20	Imp survey	6543'	290°F BHT	350			taking temp survey of hole before taking probe out of hole & shutting in well
		6000	272°				
		6000	281				
		6050	278	7+ jumps			