

WALSH ENGINEERING AND PRODUCTION

WORKOVER AND COMPLETION REPORT

Operator: Giant Bloomfield Refinery Well Name: SWD #1
Date: Jan. 20, 1996 Report No.: 3
Field: Blanco Mesa Verde Location: SE 27 29N 11W
Contractor: Drake Rig #22 Supervisor: Paul Thompson

Work Summary:

Well flowing to pond overnight. Finish TIH with bit and scraper. Found PBTD at 3525'KB. Bottom perf at 3514'. TOH and lay down bit and scraper. Pick up Mt. States RBP and packer on 2-3/8" workstring. Set RBP at 3520' and packer at 3425'. Establish rate into perfs from 3452' - 3514' with 2% KCl water. Acidize perfs with 1500 gal. of 15% HCl. Average injection rate = 2.6 BPM; Average treating pressure = 750#; maximum injection rate = 2.6 BPM; maximum treating pressure = 800#. ISIP = 100#. No pressure breaks during the treatment. Displaced acid below packer with 13.8 bbls of 2% KCl water and let acid soak for 20 min. Final pressure = 200#. Flush acid into formation with 15 bbls of 2% KCl water. Released packer and RBP. Reset RBP at 3433'KB and pressure tested to 1500# - held OK. Set packer at 3330'KB. Establish rate into perfs from 3346' - 3416' with 2% KCl water. Acidize perfs with 2000 gal. of 15% HCl. AIR = 2.55 BPM; ATP = 800#; MIR = 2.6 BPM; MTP = 800#. ISIP = 150#. No pressure breaks during the treatment. Displaced acid below packer with 13.0 bbls of 2% KCl water and let acid soak for 20 min. Flush acid into formation with 15 bbls of 2% KCl water. Released packer and RBP. Reset RBP at 3338'KB. RBP did not pressure test. Moved and reset RBP twice but it still did not test. Left RBP at 3343'KB. Set packer at 3236'KB. Pressure tested annulus to 1000# - held OK. Establish rate into perfs from 3276' - 3324' with 2% KCl water. Acidize perfs with 1500 gal. of 15% HCl. AIR = 2.5 BPM; ATP = 800#; MIR = 2.5 BPM; MTP = 800#. ISIP = 100#. No pressure breaks during the treatment. Displaced acid below packer with 12.6 bbls of 2% KCl water and let acid soak for 15 min. Flush acid into formation with 15 bbls of 2% KCl water. Released packer and RBP and started TOH. Shut down for the night. Left well flowing to the pond.

Daily Costs:

Roads and Loc.:	0	Tubulars:	0
Rig Costs:	2,056	Wellhead Equip.:	0
Anchors:	0	Subsurface Equip.:	0
Rig Move:	0	Artificial Lift Eq.:	0
Wireline:	0	Sucker Rods:	0
Packers, BPs,:	1,665	Tanks:	0
Drilling Fluids:	0	Separators, Dehys:	0
Acid:	5,646	Flowlines:	0
Bits and Mills:	0	Installation/Labor:	0
Permits:	0	Fittings, Valves, ect.:	0
Supervision:	365	Meters, LACT, ect.:	0
Trucking:	0	Electrical Equip.:	0
		Total Daily Cost:	9,732