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BURLESON & HUFF

ANGELL STATE NO. 1

ANGELL SEVEN RIVERS FIELD

EDDY COUNTY, NEW MEXICO

COMPLETION REPORT

Completed By

ALBRITTON & MEYER

Petroleum Engineers

BURLESON & HUFF

ANGELL STATE NO. 1
EDDY COUNTY, NEW MEXICO

<u>Field</u>	Angell Seven Rivers
<u>Location</u>	990 feet from South line and 990 feet from East line Section 21, Township 19-South, Range 28-East Eddy County, New Mexico
<u>Contractor</u>	Ray Smith Drilling Company
<u>Total Depth</u>	1,175 feet
<u>Plug Back Total Depth</u>	1,166 feet
<u>Elevation</u>	3,451 feet Ground
<u>Pay Zone</u>	Seven Rivers
<u>Casing</u>	<u>Surface</u> 7" 20# used, set at 339 feet and cemented with 50 sacks cement <u>Oil String</u> 4-1/2" 9.5# J-55 set at 1,170 feet and cemented with 100 sacks cement
<u>Tubing</u>	2" EUE 4.7# J-55 tubing hung 1,050 feet.
<u>Logs</u>	The Western Company Gammatron
<u>Perforations</u>	1,071 to 1,075; 1,083 to 1,094; 1,098 to 1,102; 1,108 to 1,114; 1,118 to 1,122 feet
<u>Treatments</u>	Acidized with 5,000 gallons Western Company regular 15% HCl acid

Burleson & Huff, Angell State No. 1, Eddy County, New Mexico

Potential

Well flowed 46 barrels of oil plus 1 barrel of water in 24 hours on 32/64" choke, with FTP 50 and FCP 50 psi. GOR: 660. Gravity 34°

Well Head

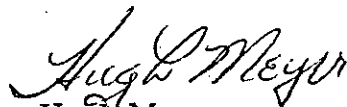
National 4-1/2" x 2" Type E second-hand tubing head with 2" reg. orbit 1000 psi casing valve and 2" EUE orbit 1000 psi tubing valve. Guiberson Intermitter

Tank Battery

2 210/bbl welded tanks with stairway and walkway. 22" x 6' second-hand gas-oil separator with 2" mechanical oil and gas valves. All flow line 2" line pipe

Respectfully submitted,

ALBRITTON & MEYER



Hugh Meyer
Petroleum Engineer

Burleson & Huff, Angell State No. 1, Eddy County, New Mexico

15 November 1961

PBTD: 1,166 feet

WOC. Cut off casing.

16 November 1961

PBTD: 1,166 feet

Ran Western Gamma Ray Neutron CCL Log. Checked PBTD at 1,166 feet. Ran 37 joints 2" EUE tubing and checked PBTD at 1,166 feet with tubing. Pressure tested to 4,000 psi. Held pressure. Displaced hole with oil. Pulled 6 joints of tubing. Perforated from 1,071 to 1,075; 1,083 to 1,094; 1,098 to 1,102; 1,108 to 1,114; and 1,118 to 1,122 feet (total 29 feet) with two Western Company Tornado jets per foot. Ran six joints of tubing and spotted acid. Pulled three joints tubing. Tubing (33 jts 4.7# J-55) 2" EUE hung at 1,050 feet with seating nipple at 1,049 feet. Acidized perforations with 5,000 gallons Western Company regular 15% HCl acid with non-emulsifying agent. Formation broke at 2,200 psi and declined to 1,900 psi. Dropped balls (35) and got another break at 2,400 psi. Declined to 2,100 psi and dropped balls (19). Balled off all perfs. Released pressure. Pumped acid away and flushed with six barrels of oil. Average injection rate 6.7 BPM. Total load: 120 bbls acid + 19 bbls oil = 139 bbls. Job completed at 3:30 p.m. M.S.T. Final pressure: 1000 psi, and in 10 minutes 500 psi. Opened well at 4:00 p.m. Well started flowing.

DETAILS OF 2" EUE TUBING STRING

<u>From</u>	<u>To</u>	<u>Amount</u>	<u>Jts</u>	
0.00	1,048.80	1048.80	33	2" EUE 4.7# J-55 Used smls tbg.
1,048.80	1,049.90	1.10	-	Pump seating nipple.
		1049.90	33	

Burleson & Huff, Angell State No. 1, Eddy County, New Mexico

17 November 1961

PBTD: 1,166 feet

Well flowed 185 barrels fluid (20 barrels water, and 165 barrels oil) in 18 hours. Load oil recovered (19 bbls) plus 146 barrels new oil. Well flowing on 32/64" choke and reduced to 24/64 last two hours. Shut-in TP 200 psi, and CP 200 psi in two hours. Shut in at 10:00 a.m.

18 November 1961

PBTD: 1,166 feet

Well shut in. Building tank battery.

19 November 1961

PBTD: 1,166 feet

Building tank battery. Waiting on tanks.

20 November 1961

PBTD: 1,166 feet. Building tank battery. Moved tanks.

21 November 1961

PBTD: 1,166 feet. Building tank battery.

22 November 1961

PBTD: 1,166 feet.

Building tank battery. Opened well at 4:00 p.m.
Shut-in TP 300 psi, and CP 300 psi.

23 November 1961

PBTD: 1,166 feet

Well flowed 42 barrels oil in 24 hours. 20/64" choke. 25 to 100 psi FTP and 250 to 275 FCP. Well is produced with intermitter - 1 hour open and 2 hours shut in.