

CITIES SERVICE OIL COMPANY
Paslay A Com. Well No.1
Sec. 8-T22S - R27E
Eddy Co., New Mexico

RECEIVED

MAR 11 1974

Pulled Packer and perforated the Morrow Zone w/2-0.41" holes each @ 11,123'- 11,125'- 11,127'- 11,129'- 11,131'- 11,132'- 11,134'- 11,136'- 11,197'- 11,199'- 11,201'- 11,214'- 11,215'- 11,217'- and 11,221'. Ran Baker "DB" Packer on wire line and set @ 11,270'. Ran 2-7/8" OD Tubing and locked into "DB" Packer set @ 11,270' with a Baker Lok - Set Packer set @ 11,072'. Swabbed part of load and well started flowing. Cleaned to pit for 2 hrs. Flowed gas @ rate of 4.8 MMCFD thru 1 1/4" choke FTP 2750#. Flowed gas @ rate 8.0 MMCFD thru 1" choke FTP 1175#. 38 hr. SITP 3750#. Ran and set Blanking Plug in Baker Lok-Set Packer set @ 11,072'. Ran tubing with a RBP set @ 10,969' and a retrievematic packer set @ 10,925'. Tested packers to 2000# - Held OK. Pulled tubing up to 10,307', and spotted 250 gals. acetic acid @ 10,307' - 10,038'. Perforated the Strawn Lime w/2-0.41" holes each @ 10,276'- 10,278'- 10,280'- 10,282'- and 10,284'. Ran tubing with Packer Set @ 10,046'. Flowed gas @ rate of 850 MCFD + .5 B Dist. thru 3/4" choke FTP 450#. 12 hr. SITP 4050#. Acidized thru Strawn perfs 10,276'- 10,284' w/2000 gals. 15% MS Acid w/1000 SCF/Bbls. Nitrogen. Preceded by 5000 SCF Nitrogen Pad and flushed w/40 Bbls. 4% KCL Brine Water w/2 gals. 1-15 (Non-emulsion agent) and 6 gals. LT-30 (Foaming Agent) and 1000 SCF/Bbl. Nitrogen. Formation broke @ 6000#. Treated @ 5800# @ air 8.2 B/M. ISIP 4700#, 5 min. SIP 3000#. Flowed to pits for 2 hrs. Flowed thru test equipment as follows:

<u>Time</u>	<u>Choke</u>	<u>FTP</u>	<u>Sep. Press.</u>	<u>Cond.</u>	<u>Water</u>	<u>Gas Volume</u>
3 P.M.	15/64"	3650#	800#	3.8 Bbls.	0	4.25 MMCFD
4 P.M.	15/64"	3650#	800#	5.3 Bbls.	0	4.15 MMCFD
5 P.M.	15/64"	3650#	800#	5.5 Bbls.	0	4.15 MMCFD
6 P.M.	15/64"	3650#	800#	5.7 Bbls.	0	4.15 MMCFD

18 hrs. SITP 4125#. Loaded hole with mud and circulated hole. Pulled RBP set @ 10,969' and Retrievmatic Packer Set @ 10,925'. Ran 2-7/8" OD Tubing and latched into the Baker Lok-Set Packer @ 11,072 with a Baker AR-1 Packer Set @ 10,108'. Flowed both the Strawn and Morrow Zones @ rate of 5.1 MMCFD thru 2 1/4" choke FTP 2450#. SI the Strawn Zone. 11 Hr. SITP 4200#. SI the Morrow Zone. 4 Hr. SITP 3391#. The Morrow Zone (11,123' - 11,557') flowed on 4 point tests as follows:

<u>Duration of Test</u>	<u>Choke</u>	<u>FTP</u>	<u>Dist.</u>	<u>Gas</u>	<u>Volume</u>
1 Hr.	10/64"	3047#	0	1.83	MMCFD
1 Hr.	14/64"	2847#	0	3.39	MMCFD
1 Hr.	17/64"	2620#	1 Bbl.	4.59	MMCFD
1 Hr.	21/64"	2281#	1.5 Bbl.	6.22	MMCFD

CAOF potential from the Morrow Zone is 11,129 MCFPD.

Attempted to test Strawn but it would not stabilize. SI for build up. 90 Min. SI pressure 4150#. Flowed to pits for 7-1/2 hrs. Last hr. flowed gas @ rate of 6 MMCFPD thru 1" choke. Will 4 point Strawn Zone into El Paso P.L. when line is installed.