

WORKOVER PROCEDURE

DATE: 2-14-89

WELL NO. & TYPE OF JOB: State Vacuum Unit - 22

DRILLED & COMPLETED: 1983

LAST NO: _____

FIELD: Vacumn COUNTY: Lea, New Mex

PREPARED BY: M.W. GORE

TD: 4845' PBD: 4770' DATUM: _____

DIST RKB TO THF: _____

TUBINGHEAD: MAKE _____ SIZE _____ PRESSURE RATING _____

CASING INFORMATION:	SIZE	WEIGHT	GRADE	SET @	SX CNT	TOC
SURFACE:	<u>3-5/8"</u>	<u>24</u>	<u>K-55</u>	<u>1555'</u>	<u>550</u>	<u>0 - Circ</u>
INTERMEDIATE:						
Production:	<u>3-1/2"</u>	<u>15.5</u>	<u>K-55</u>	<u>4845</u>	<u>1540</u>	<u>0 - Circ</u>

LINER:	SIZE	WEIGHT	GRADE	TOP	BOTTOM	TOC

PRESENT PERFORATIONS & FORMATION: San Andres 4611-4723'

TUBING DATA: SIZE 2 3/8 WT. 4.7 GRADE J-55 THD. EUE BTMD @ 4757'
NO. OF JTS. 150 MISC. 2"x1-1/2"x20' pump

PACKER & MISC.: _____

PROCEDURE

1. MIRU PU. POOH w/ rods and pump. Nu BOPE. Tag bottom with production tubing. POOH with tubing.
2. RIH with bit on 2-7/8" tubing workstring to PBD 4770'. POOH. GIH with RBP and set same @ 4580'. Test casing to 1000 psi.
3. Perforate from 4508'-12'; 4526'-32'; 4538-41' with 2JSPF using a 3-1/8" casing gun. Correlate to Dresser Atlas Densilog/Neutron/Gamma Ray dated 11-17-82.
4. GIH with packer and set same @ 4400'. Acidize perfs 4508'-4541' with 2000 gallons 15% NEFE @ 3-4 BPM with MXP 4000 psi. Use 50% excess ball sealers. Release packer and run through perforations to knock off BS. Reset packer @ 4400'. Use 2% KCL.
5. Frac with 17,500 gallons X-linked 40# gelled 2% KCL with 5% diesel carrying 27,000 = 20-40 sand and 8000 = 12-20 sand @ 15 BPM. Flush with 2% KCL water to top perf.
6. Retrieve RBP and reset same @ 4480' and test to 1000 psi. POOH. Perforate 4436'-4446' with 2 JSPF.