

WORKOVER PROCEDURE

DATE: 2-14-89

WELL NO. & TYPE OF JOB: State Vacuum Unit = 23

DRILLED & COMPLETED: 1983

LAST WO: _____

FIELD: Vacuum COUNTY: Lea, New Mex

PREPARED BY: M.W. GORE

TD: 4922' PBD: 4900' DATUM: _____

DIST RKB TO THF: _____

TUBINGHEAD: MAKE _____ SIZE _____ PRESSURE RATING _____

CASING INFORMATION:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
<u>SURFACE:</u>	<u>8-5/8"</u>	<u>24</u>	<u>K-55</u>	<u>1579'</u>	<u>640</u>	<u>0 - Circ</u>
<u>INTERMEDIATE:</u>						
<u>Production:</u>	<u>5-1/2"</u>	<u>15.5</u>	<u>K-55</u>	<u>4922</u>	<u>1395</u>	<u>0 - Circ</u>

LINER:	SIZE	WEIGHT	GRADE	TOP	BOTTOM	TOC

PRESENT PERFORATIONS & FORMATION: San Andres 4628-4863'

TUBING DATA: SIZE 2 3/8 WT. 4.7 GRADE J-55 THD. EUE BTMD @ 4881'
NO. OF JTS. 156 MISC. 2"x1-1/2"x12' pump

PACKER & MISC.: TAC

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 4900'. POOH. GIH with RBP and set same @ 4620'. Test casing to 1000 psi.
3. Perforate from 4568'-72'; 4575'-78'; 4589-97' with 2JSPF using a 3-1/8" casing gun. Correlate to Schlumberger Litho Density Log dated 06-18-83.
4. GIH with packer and set same @ 4450'. Acidize perms 4568'-4597' 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 @ 4450'. 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 @ 4550' and test to 1000 psi. POOH. Perforate 4494'-4502; 4518'-24' with 2 JSPF.

RECEIVED

APR 4 1989

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