

Revised 3-55)
HOOBS OFFICE OCCNEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) 2:20

Company **SOUTHERN CALIFORNIA PETROLEUM CORP., Box 1071, Midland, Texas**

(Address)

Lease **Martin "B"** Well No. **2** Unit **E** S **31** T **24S** R **37E**Date work performed **11/9-13/54 and 4/3-15/56** POOL **Langlie-Mattix**

This is a Report of (Check appropriate block)

☐ Result of Test of Casing Shut-off☐ Beginning Drilling Operations☒ Remedial Work☒ Plugging☐ Other **Fracture treatment**

Detailed account of work done, nature and quantity of materials used and results obtained. (Continuation of plan filed on Form C-102 11/8/54)

11/9-13/54: PB 3517 to 3461' DF w/Cal-Seal & Hydromite.
 Ran 2-3/8" tbg. to 3456' w/Guib. "G-2" Packer @ 3359' & pressure-tested 5 1/2" casing to 2500# - OK. Put well back on production. Production essentially the same before & after PB-water not shut off.

9/12/55-4/3/56: Well S.I. Battery tanks corroded beyond repair.

4/3-15/56: PB 3461-3455' DF w/Wellex wire-line squeeze bailer. Ran 2-3/8" tbg. to 3378'. Swabbed & flow-tested 5 days. Producing characteristics changed - water reduced, but not shut off. Treated open hole 3386-3455' 4/10/56 w/10,000 gals. green oil & 17,500 lbs. sand down csg. & tbg. w/two Allison's & one Twin Diesel pump trucks. Copy of treatment report attached. Swabbed & flowed load oil back 4/15/56. Installing new tank battery. Load oil being held in temporary test tanks.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

3435-3460**3470-3490, 3510-3517**DF Elev. **3260** TD **3517** PBD _____ Prod. Int. _____ Compl. Date **7/13/49**Tbng. Dia. **2-3/8"** Tbng. Depth **3485** Oil String Dia **5 1/2"** Oil String Depth **3386**

Perf. Interval (s) _____

Open Hole Interval **3386-3517** Producing Formation (s) **Queen**

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	Aug. 1955	4/16/56
Oil Production, bbls. per day	2.7	71.9
Gas Production, Mcf per day	43.8	111.4
Water Production, bbls. per day	3.8	18.2
Gas-Oil Ratio, cu. ft. per bbl.	16250	1550
Gas Well Potential, Mcf per day	-	-

Witnessed by _____

SOUTHERN CALIFORNIA PETROLEUM CORP.

(Company)

Oil Conservation Commission

Name **C. M. Lundy**Title **Engineer District III**Date **APR 23 1956**

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name **Jawman**Position **Division Engineer**Company **SOUTHERN CALIFORNIA PETROLEUM CORP.**

ILLEGIBLE

DOWELL INCORPORATED

TREATMENT REPORT

STAGE NO.

TREATMENT NO.

5-6-2759

DISTRICT Mid Tex 5 STATION Hobbs, N.M. DATE 4/95 OGC, 1956

OWNER Southern California Petroleum Corp LEASE Martin WELL NO. 23

POOL Lungia Mattie COUNTY Lea STATE N.M.

LOCATION 31-24-37 OWNER'S REPRESENTATIVE M. Erwin - Owens

WELL DATA

FORMATION Yates Queen

PAY-FROM 3455 TO 3468

PRESENT TOTAL DEPTH 3455 P. B. FROM 3468

PIPE DATA-

CASING SIZE 5 1/2 WT. 15

CASING DEPTH 3386 SKS. CEMENT 200

LINER SIZE N WT.

LINER DEPTH-FROM N TO

LINER DESCRIPTION

TUBING SIZE 2" EUE DEPTH 3365

PACKER-TYPE None DEPTH

PACKER FURNISHED BY OPERATOR DOWELL

PERFORATING DATA OR PAY ZONES

SHOTS/FT. open hole FROM 3386 TO 7455

PRODUCTION-

INITIAL 32 ROPD OIL 30 ROPD WATER 50% G. O. R.

ACIDIZING, SHOOTING AND LOGGING RECORD-

May 1958 - 1000 gal Acid -
5000 gal ~~flush~~

COMPLETION DATA-

DATE 7-13-47 CABLE TOOL No

ROTARY Yes DRILLING FLUID Mud

SIZE OPEN HOLE 4 3/4

DETAILED RECORD OF TREATMENT

TIME	PRESSURE		REMARKS					
A.M.	CASING	TUBING						
8:00	400	400	ARRIVAL AT LOCATION WITH 10000 GALS. OF DOWELL Sandfree 20000 Sand (17,500# sd. used)					
			Spot Trucks and Lay Lines				FILL	85 BBLs.
			Transfer Oil To our Flush Tank-				BLEED	0 BBLs.
							FLUSH	BBLs.
8:36	400	1200	Start pumping oil via Tubing To Kill well					
			BBLS. OF FLUID					
			OUT OF TANKS	IN FORMATION	PER READING	PER MINUTE		
8:45	0	0	85	0	85		Well Dead - waiting for valve -	
9:47	0	0					Start Breakdown	
9:48	1700						Start Formation Fracturing -	
9:49	1700		125	40	40	20.0	Start Sand - 1/2 gal.	
9:51	1800						Increase sand To 2 1/2 gal	
9:51	1900							
9:57	1900		365	280	263	32.8	Switch To Flush	
							including Sand volume 23 ROPD	
10:02	1900		535	450	170	30.0	Chase on Force Feed Broken -	
10:05	800						Continuing with Injection	
10:10	800		585	500	50	6.2	Treatment Complete	
10:11	400							
10:15	100							

LEFT LOCATION

IF TREATMENT IS NOT CONVENTIONAL Limestone FORMATION TREATMENT TO INCREASE OIL OR GAS PRODUCTION, STATE PURPOSE OF TREATMENT.

Overall injection Rate - 23.0

Max O. Erwin

SERVICE ENGINEER

STATION COPY. 240 B sd oil

220 FLUSH

585 B to 1000.

STATION OR DISTRICT MANAGER

TREATMENT REPORT

2:30 PM + 7:30 AM 10/16/58
2:30 AM 242 EBL

1000 300
1000 300
1000 300



UNIT

PERFORMING DATA OF

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