

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

Company SOUTHERN CALIFORNIA PETROLEUM CORP., Box 1071, Midland, Texas
(Address)Lease Dabbs Well No. 1 Unit M S 34 T 25S R 37EDate work performed 11/23/56-1/23/57 POOL JalmatThis is a Report of (Check appropriate block) ☐ Result of Test of Casing Shut-off☐ Beginning Drilling Operations☒ Remedial Work☐ Plugging☐ Other _____Depths from G.L.

Detailed account of work done, nature and quantity of materials used and results obtained. Well weak in Aug. & Sept. Passed only 50 MCF last week of Sept. - then dead. On 10-22-56 well blew out water, sand & mud, then dry gas blow from cellar outside of 12½" surface casing for several hrs. and died. 20 psi on 7"x12½" annulus bled off & died in few minutes. 260 psi S.I.P. on 7". Cellar blow-out dead 10/20-11/28/56. 260 psi on 7" bled off through needle valve in 45 min. - well dead on 11/28. Ran SML and found open hole filled in to 2673' (179' off btm). Sulfur water fluid level @ 1142'. Ran 5-7/8" OD gauge ring - went OK to 2673'. Pipe not collapsed, but probable hole in 7" which flooded well with sulfur water.

(See other side for workover report).

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3002 TD 2852 PBD - Prod. Int. 2546-
Tbng. Dia. none Tbng. Depth - Oil String Dia 7" Oil String Depth 2546
Perf. Interval (s) - Surface: 12½" csg. cmtd. @ 157'Open Hole Interval 2546-2852 Producing Formation (s) Yates (2670-85)

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>9/15-11/28/56</u>	<u>1/24/57</u>
Oil Production, bbls. per day	<u>-</u>	<u>-</u>
Gas Production, Mcf per day	<u>Dead</u>	<u>552</u>
Water Production, bbls. per day	<u>Hole flooded</u>	<u>4</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>-</u>	<u>-</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>

Witnessed by E. H. IrwinSouthern California Petroleum Corp.
(Company)

Oil Conservation Commission

Name

E. H. Irwin

Title

Date

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

Name

J. A. Irwin

Position

Division Engineer

Company

Southern California Petroleum Corp.

gal.
3341

J.A.W.

During Feb. 1957 well averaged 675 MCFPD gas and water decreased to about 2 B/D.
Blow well to air. Gas volume increasing as water decreased from 48 to 4 B/D. Hooked up to EPNG Co. 300# sales line and started producing at 552 MCFPD gas rate w/ 4 B/D water.

1/3-23

Ran 2" tbg. to 2803' w/ guib. KV 30P pkr. @ 2460' and swapped water for two days before well started flowing.

12/30/56 1/2/57

D/O bridge plug @ 2498' and reversed sand and bentonite out of open hole 2673-2852' T.D.

12/20-29

D/O plug, "cement" and cement stringers 800-1052'. Pressure-test on 7" csg. leaked from 735# to 390# in 30 min. Scraped 7" csg. 790-1060'. Pressure test on 7" csg. leaked from 100# to 765# in 45 min. and down to 220# in 16 hrs.

12/15-19

Pressured up on 7" csg. w/ 800# for 30 min. Held OK. Pumped water down 7" x 12 1/2" annulus and established circulation back to cellar outside of 12 1/2" casing. Recemented 12 1/2" csg. @ 157' w/ 300 max Lone Star Regular cement and Foamix w/ 2% gel. Had only partial circulation to cellar outside 12 1/2" csg. but cmt. did circulate to btm. of cellar. Cement level held up at bottom of cellar. WOC 42 hrs. Ran 6-1/8" bit and c/o cmt. 953-994'. Pressured up on 7" csg. w/ 600#. Pressure leaked off to zero in 1 min. Bailed water level in 7" csg. down to 1020' - no water entry apparent in 2 1/2 hrs. Pumped in 400 gals. Dowell "cement" and put away approx. 1 bbl. through hole. S.I. w/ 1150#. WOC 38 hrs.

12/10-14

Ran HOWCO HRC squeeze tool on 2" tbg. and found hole in 7" csg. between 985 & 1015'. Established circulation w/ water through hole in 7" to cellar between 7" & 12 1/2" casings. Set bridge plug in 7" csg. @ 2498'. Ran HRC squeeze tool and braced hole in 7" csg. between 985 & 996'. Pumped in 150 cu. ft. Lone Star Incon cmt. & Foamix w/ 6% gel through hole in 7" csg. Had circulation in cellar in 7" x 12 1/2" annulus while cementing. WOC 40 hrs.

12/7-9/56