

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

1954 APR 1 PM 2:48

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	<input checked="" type="checkbox"/>
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

3-29-54
(Date)

Odessa, Texas
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Sum Oil Company

(Company or Operator)

H. D. McKinley

(Lease)

Bickerstaff & Tibbatts

(Contractor)

Well No. 5 in the NW 1/4 NE 1/4 of Sec. 5

T. 19 S., R. 38 E., NMPM., Byers-Queens Pool, Lea County.

The Dates of this work were as follows:

Notice of intention to do the work (was) (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan (was) (was not) obtained.
(Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

See details of repairs on attached sheets

Witnessed by John M. Sweeney
(Name)

Sum Oil Company
(Company)

Foreman
(Title)

Approved: OIL CONSERVATION COMMISSION

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

Name O. D. Albright

Position Superintendent

Representing Sum Oil Company

Address Box 2792, Odessa, Texas

S. G. Stanley
(Name)
(Title)
(Date)

WORKOVER ON H. D. MCKINLEY WELL #5

- 2-26-54 Moved in, rigged up workover rig. Tubing on vacuum, 7" casing pressure 650#, 9 5/8" pressure 185#, bled pressure off 7" and 9 5/8" installed BOP, mixed 200 sacks salt, displaced oil in hole w/salt water. Now laying down 2 1/2" tubing to pick up 2 7/8" drill pipe and test casing.
- 2-27-54 3290' - Lime - Finished laying down 2 1/2" tubing and picked up 2 7/8" drill pipe. Ran Baker test tool and set at 3020'. Test 7" casing w/1000# for 30 minutes o.k. Bit #1 - OWS - 3210' - 3290' cut 80' in 11 hours. now pulling.
- 2-28-54 3418 - Lime & Gyp - Bit #2 OWS - 3290-3418- 128' in 20 hours. Bit #3 OWS - on bottom at 6 a.m. this morning. Mixed 20 sacks salt.
- 3-1-54 3566 - Lime & Gyp - Bit #4 OWS on bottom 5:45 a.m. Drilling. Bit #3 OWS 3418-3565' cut 147' in 21 3/4 hours. Carrying 15000-18010# weight 7-4" DC mixed 60 sacks salt, 2 hour trip and cleaning pits. Now mixing salt to weight up to 10#.
- 3-2-54 3690 - Lime & Anhy. - Bit #4 OWS 3565-3690 cut 125' in 20 hours, pulling. Mixed 250 sacks salt last 24 hours.
- 3-3-54 3793 - Lime - Bit #5 OWS on bottom 3690, cut 103' in 21 hours still drilling. Well started kicking gas at 3792' at 3:30 a.m. Closed rams mixed 48 sacks salt, circulated against 3/4" choke for 2 hours. Now drilling ahead w/rams open with gas still rolling. Water is now saturated. Rams have been open 40 minutes. Will drill ahead to TD 3800' and circulate to see if gas will work out, before adding Gel for weight.
- 3-4-54 3820 - Lime - Bit #5 OWS 3690-3809 cut 119' in 22 hours, bit #6 OWS on bottom, 3:30 a.m. Made trip from 8:30 a.m. - 3:00 A.M. some gas in mud after getting on bottom but not kicking looks o.k. Mixed 57 sacks Gel 140 sacks Mageobar, 92 sacks Lubrisal, 20 sacks Milogel and 1 sack Santo Merse. Drilling ahead.
- 3-5-54 3830 - Lime - WOC. Bit #6 OWS 3809-3830 cut 21' in 10 1/2 hours. Mixed 5 sacks Milogel. Ran 843.51' 5 1/2" OD X Line 15.50# casing. Seat at 3830', F C at 3732', top hanger 2971'. Cement w/55 sacks common cement 4% gel. Completed 11:30 p.m. 3-4-54. Reversed out 15 sacks cement. Now laying down 2 7/8" Drill Pipe.
- 3-6-54 WOC - Installed casing flange and BOP, picked up 2" EUE tubing, checked top cement at 3296'. Preparing to displace mud w/water and test liner before drilling plug.

WORKOVER ON H. O. MCKINLEY WELL #2

- 3-28-54
 Moved in, rigged up workover rig. Finding on vacuum, 7" casing pressure 6800, 2 7/8" pressure 1150, fluid pressure off 7" and 2 7/8" installed. TOP, mixed 200 sacks salt, displaced oil in hole w/salt water. Now laying down 2 7/8" tubing to pick up 2 7/8" drill pipe and test casing.
- 3-28-54
 3790' - Line - Finished laying down 2 7/8" tubing and picked up 2 7/8" drill pipe. Ran Baker test tool and set at 3030'. Test 7" casing w/100% don 30 minutes o.k. - Bit 11 - OWS - 3210' - 3290' out 80' in 11 hours. Now pulling.
- 3-28-54
 3210' - Line - Time 6 GYP - Bit 12 OWS - 3290'-3210'-1281 in 20 hours. Bit 13 702' - on bottom at 6 a.m. this morning. Mixed 20 sacks salt.
- 3-28-54
 3260' - Line - Time 6 GYP - Bit 14 OWS on bottom 5:45 a.m. Drilling. Bit 15 OWS 3210'-3260' out 144' in 21 3/4 hours. Carrying 15000-18010' weight 7-A" 67 mixed 60 sacks salt, 2 hour trip and cleaning pipe. Now string salt to weight up to 104'.
- 3-28-54
 3030' - Line - Time 6 GYP - Bit 15 OWS 3260'-3030' out 152' in 20 hours. Carrying. Mixed 200 sacks salt last 24 hours.
- 3-28-54
 3793' - Line - Bit 15 OWS on bottom 3890' out 1031 in 21 hours still drilling. Well started kicking gas at 3793' at 2:30 a.m. Closed valve mixed 40 sacks salt, circulated against 2 7/8" choke for 2 hours. Now drilling ahead with gas still rolling. Water is not returned. Rains have been open 40 minutes. Will drill ahead to TD 3800' and circulate to see if gas will work out, before adding Gel for weight.
- 3-28-54
 3820' - Line - Bit 15 OWS 3890'-3793' out 1191 in 22 hours. Bit 16 120' on bottom 3:30 a.m. Made trip from 4:30 a.m. - 9:00 a.m. same gas in run after getting on bottom but not kicking looks o.k. Mixed 77 sacks Gel 140 sacks Macosbar, 20 sacks Indusol, 20 sacks Milogel and 1 sack Santa Maria. Drilling ahead.
- 3-28-54
 3793' - Line - Time 6 GYP - Bit 16 OWS 3890'-3793' out 1191 in 22 hours. Bit 16 120' on bottom 3:30 a.m. Made trip from 4:30 a.m. - 9:00 a.m. same gas in run after getting on bottom but not kicking looks o.k. Mixed 77 sacks Gel 140 sacks Macosbar, 20 sacks Indusol, 20 sacks Milogel and 1 sack Santa Maria. Drilling ahead.
- 3-28-54
 3820' - Line - Time 6 GYP - Bit 16 OWS 3890'-3793' out 1191 in 22 hours. Bit 16 120' on bottom 3:30 a.m. Made trip from 4:30 a.m. - 9:00 a.m. same gas in run after getting on bottom but not kicking looks o.k. Mixed 77 sacks Gel 140 sacks Macosbar, 20 sacks Indusol, 20 sacks Milogel and 1 sack Santa Maria. Drilling ahead.
- 3-28-54
 3820' - Line - Time 6 GYP - Bit 16 OWS 3890'-3793' out 1191 in 22 hours. Bit 16 120' on bottom 3:30 a.m. Made trip from 4:30 a.m. - 9:00 a.m. same gas in run after getting on bottom but not kicking looks o.k. Mixed 77 sacks Gel 140 sacks Macosbar, 20 sacks Indusol, 20 sacks Milogel and 1 sack Santa Maria. Drilling ahead.

3-7-54

Displaced mud w/water tested 5½" liner & 7" casing 1000#, 30 minutes O.K. Displaced water w/mud. Drilled cement bridges and washed down to 3785. Hard cement from 3785-3828', water turned in to pump suction by mistake after starting drilling plug. Lowering mud weight to 9.6# condition mud. Mixed 152 sacks Magoobar, 5 sacks salt, 2 sacks salt gel. Mud now 11.2#, Visc. 42. Pulled tubing and bit. Ran Gamma Ray, Lane Wells. 3000-3822'. Lane Wells TD 3822. Top Byers Sand 3638'. Preparing to perforate (3638-3650) (3660-3674) (3688-3700) (3714-3722) w/4 Jet SPF. Possible gas sand. (3778-3792) but will not perf. afraid will feed into Byers Sand.

3-8-54

Lane Wells perf. 4 JEt SPF completed at 11:10 a.m. Ran tubing with packer and hold down. Displace mud w/water. Tubing seat 3618.47. Top of mud anchor 3588.47. Top of American Type S Packer 3582.56. Top Guiberson hold down 3580.91. Top of pup 3574.78. RDB to tubing head 8.40' Otis tubing stop at 3588.47. Rig released 5 P.M. 3-7-54.

