

THIS FORM TO BE SUBMITTED ALONG WITH FC 114 NOT LATER THAN 10 DAYS AFTER WELL COME OR ABANDONMENT IF A DRY HOLE. SHOW HISTORICAL DETAILS IN CHRONOLOGICAL ORDER WITH DATE, CONDITION AND DEPTH OF HOLE. SHOW CHANGES IN TYPE OF MUD WITH REASONS. LOST CIRCULATION, BLOWOUTS, SURVEYS FOR DEVIATION FROM VERTICAL, DRILL STEM TESTS, CORING DEPTHS, ELECTRICAL SURVEYS, DESCRIPTION OF POSSIBLE PRODUCING ZONES CASSED OFF, DESCRIPTION OF CASING JOBS SHOWING TYPES OF SHOES AND FLOAT EQUIPMENT, DETAILS OF CASING PULLED PRIOR TO COMPLETION, SIDETRACKED FISH, SHOT AND ACIDIZING RECORDS, PLUGS, ETC.

USE TYPEWRITER.

HISTORY OF WELL
AT TIME OF COMPLETION

LEASE N. M. Federal "I" WELL NO. 1
SEC. 11 T. 29N R. 14W COUNTY San Juan
STATE New Mexico FIELD Basin Dakota
A.F.E. NO. _____

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED.

- 11-25-61 5920' Dakota, TA Well, 1850' FNL, 790' FWL, San Juan Co, WI 100%, MI SS Reams Well Service workover rig.
- 11-26-62 Lwr tbg tab PBSD at 3510, pull tbg, set FBRT at 3140' on 2-3/8" tbg, sqz perf with 50 sx reg Portland cmt with 2% CaCl2 followed with 100 sx reg Portland cmt, sqz to max & final press at 4500#, job compl 7:00 AM 11-26-61, WOC 18 hrs, found top of cmt at 3240, now drlg cmt at 3333'.
- 11-28-61 DO cmt to 3510, press csg to 4000#, drop to 3000# in 30 min, drlg on CIBP at 3510.
- 11-29-61 Drilled plug and cmt to 3830', tested csg, pumped in 1-1/2 BPM at 3400 PSI, ran Baker Fullbore, set 3537', tested to 4000 PSI OK, set Fullbore at 3470', pumped into formation at 2 BPM, 2800 PSI, set Fullbore at 3110, squeezed with 150 sx to 4500 PSI, Comp 5 PM, WOC.
- 11-30-61 Drilled cmt 3262-3530', tested csg to 4000 PSI 30 min OK, drilled cmt from 3730 to 3755, open hole from 3755 to 3785, hard cmt to 4130' stringers to 4320', tested cmt to 4000 PSI 30 min. OK, prep to drill bridge plug at 5050'.
- 12-1-61 Drld plug at 5097', cmt to 5128, hit bottom plug at 5169', press csg to 3000#, pump in FM at 3 BPM at 2400#, ran Baker FBRT, stop at 3198', pull Rotovert Scraper to 5150, pull scraper, prep to run FBRT.
- 12-2, 3, 4-61 Set HOWCO RTTS at 4718, sqz perf with 100 sx reg Portland cmt plus 2% CaCl2, followed with 50 sx reg plus 2% CaCl2 and 1% Halad 9, max & final press 4500#, pull tbg & RTTS, WOC 20 hrs, DO cmt to 5126, press csg, pump in at 1-1/2 BMP at 3300#, set HOWCO RTTS at 4758, sqz perf with 50 sx reg Portland cmt plus 2% CaCl2 and 1% Halad 9, max & final press 4600#, pull tbg & RTTS, WOC.
- 12-5-61 DO cmt to 5126, press csg to 3300#, pump in at 3 BPM, pull tbg, set RTTS at 4696, sqz perf with 85 sx reg Portland plus 2% CaCl2 plus 1% Halad 9, max & final 4500#, WOC.
- 12-6-61 Drlg cmt at 4950', following cmt sqz #3 on Gallup perf or cmt sqz #5 on hole.
- 12-7-61 DO cmt, bottom of cmt 5041, BD at 3300#, set HOWCO RTTS tool at 5052, pump in Annulus at 3000#, set tool at 5020, csg side held 4000#, pump in tbg at 3000', appears to be split joint, old Gallup perf 5068-96.
- 12-8-61 DO cmt, bottom of cmt at 5075, BD at 4000#, bleed-off to 3200# in 30 min, DO CIBP at 5126, push to 5511, press test csg, BD at 3000#, pump 1-1/4 BPM at 3000#, prep to run HOWCO RTTS tool & loc new leak.
- 12-9-61 Ran HOWCO RTTS tool, locate leak in old Gallup, perf 5068-96, set RTTS at 4709, sqz with 100 sx reg Portland cmt plus 2% CaCl2 & 1% Halad 9, max & final press 4500#, WOC 24 hrs.
- 12-10-61 Drill cmt from 4903-5070, press test csg to 4000# OK, came out of hole with tbg, ran LW frac notch, cut at 5150, prep to frac.
- 12-11-61 Mix 75# Adomite per 1000# gal for 5000 gal pad, 50# per gal for frac, pump into form at 3500#, break to 3300#, start frac at 1/4# sd per gal, press 3500# throughout, increase sd to 1/2# per gal, used 22,000# gal 10,000# sd, press increase to 4000#, sd off, SI overnight, prep to reverse out sd, total oil used for load breakdown and frac 665 bbls.

CORRECT _____

ENGINEER

APPROVED _____

SUPERINTENDENT

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12-12-61 Flow back 43 BLO, lack 622 BLO, ran tbg to 4900', washed sand bridge to 5215', set at 5133, released, WO rig, will move in pulling unit to swab when roads are open.

12-13-61 Waiting on weather to move in swabbing unit.

12-14-61 Shut down due to bad weather.

12-15-61 Waiting on weather.

12-16-61 MI SS Reames swabbing unit.

12-17-61 Swabbed 88 BLO in 10 hrs.

12-18-61 Swabbed 59 BLO in 9 hrs, lack 475 BLO.

12-19-61 SI 14 hrs, SICP 60#, SITP 40#, swabbed 45 BLO in 9 hrs, lack 430 BLO 300' fluid in hole.

12-20-61 SI 15 hrs, swab 22 BLO in 9 hrs, lack 408 BLO.

12-21-61 SI 15 hrs, swabbed 16 BLO in 8 hrs, lack 392 BLO.

12-22-61 SI 24 hrs, will swab today.

12-23, 24, 25, 26-61 SI 24 hrs, SICP 280#, swab 19 BLO in 8 hrs, lack 373 BLO, SI 72 hrs, will swab today.

12-27-61 SI 72 hrs, SICP 400#, SITP 220#, swab 29 BLO in 3 hrs, 100' fluid in hole at end of 3 hrs, lack 344 BLO.

12-28-61 SI, drop from rpt until next swab test.

12-30, 31-61 SI 4 days, MI swabbing unit, swabbed 22 BLO in 5 hrs, lack 322 BLO.

1-1, 2-62 SI 72 hrs, SITP 500#, swab 23 BLO in 6 hrs, lack 299 BLO.

1-6, 7, 8-62 SI 4 days, 480# swab 14 BLO in 6 hrs.

1-12-62

CORRECT

Charles W. Rogers
ENGINEER

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