

THIS FORM TO BE SUBMITTED ALONG WITH FORM NO. 114 NOT LATER THAN 10 DAYS AFTER WELL COMPLETION 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 CASED 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. 3
SEC. 1 T. 29N R. 11W COUNTY San Juan
STATE New Mexico FIELD
A.P.E. NO. 224

ALL DEPTHS FROM TOP OF KELLY BUSHING UNLESS OTHERWISE SPECIFIED.

Location staked by James P. Leese, December 20, 1950
1030' ANL & 1070' ANL of Sec. 1-29N-11W

12-21 to 12-26, 1950 Younger Construction Company building road & location Complete

12-30-60 Arapahoe Drlg. Co., WCR

1-3-61 Rigging up rotary rig

1-4-61 Rigging up rotary rig

1-5-61 Rigging up rotary rig

1-6-61 Drlg 12 1/4" hole @ 72', Made 72', Lost circ @ 60' for 2 hrs. recovered full returns, Spud 5 P.M. 1-5-61

1-7,8,9-61 Drlg @ 1388', Prog. 952', Dev 1/2 deg @ 1388'. Drilled 12 1/4" hole to 334' KB, Set 8-5/8" 24# J-55 csg. @ 327' KB, with 275 sx Portland cement w/12 1/2# Gilsontite and 1 lb. Flocele per sk plus 2 per cent HA-5, Circ 5 sx @ surf, PD 4:35 A.M. 1-7-61

1-10-61 Drlg @ 2335', Prog 947', WT 9.4, Vis 43

1-11-61 Drlg @ 2710', Prog 375', WT 9.4, Vis 45

1-12-61 Drlg @ 3065', Prog 355', Dev 1/2 deg @ 2700', ST 9.5#, Vis 38

1-13-61 Drlg @ 3516', Prog. 451', Dev 1/2 deg @ 3397', WT 10.0, Vis 60

1-14,15,16-61 Drlg @ 4450', Prog. 934', Dev 1 deg @ 4330', WT 9.8, Vis 47

1-17-61 Drlg @ 4710', Prog 250', Dev 3/4 deg @ 4500', WT 10.2#, Vis 45

1-18-61 Drlg @ 5030', Prog. 320', WT 9.9, Vis 42

1-19-61 Drlg @ 5305', Prog. 275', Dev 1/2 deg @ 5100', WT 9.7, Vis 49

1-20-61 Drlg @ 5570', Prog. 255', Lost approx. 200 bbl mud between 5350' and 5450', Now have full circ. WT 9.8#, Vis 42

1-21,22,23-61 Drlg @ 5963', Prog 83', WT 9.6, Vis 61, WL 8.6, Top of Dakota 5030', Est RMD 5030'

1-24-61 TD 6001', Ran Sch SS-Induction & GR Sonic logs, Sch TD 6002'.

1-25-61 WOC & picking up 2-3/8" tbg., Cen 4 1/2" 11.6# J-55 csg. @ 6002' w/300 sx 50-50 pos w/12 1/2# Gilsontite per sk, PD 9 P.M. 1-24-61

1-26-61 WOC 24 hrs, Top cement 4550' by temp. survey, Ran 2-3/8" tbg. to 5986', PBTD, Spot 250 gal. ROMCO BDA on bottom.

1-27-61 Perf/5952-64' Schl meas. w/4 jet holes per ft., BD w/3400#, Frac w/40,000 gal semi-gelled wtr & emulsion prev. chem. plus 40,000# 20-40 mesh sd tail in w/250 gal BDA. Avg. treating press. 2800#, Inj. rate 33.6 BPM, 5 min SIP 1200#, Set Baker CIBP @ 5934' Schl meas. Perf/5840-5858' Schl meas, w/4 jet shots per ft. BD FM w/2900#, Frac w/60,000 gal. semi-gelled wtr. & emulsion prev. chem plus 60,000# 20-40 mesh sd, Avg. treating press. 2600#, Inj. rate 33.8 BPM, 5 min SIP 1700#, 3 hr SI 475#, PU drlg. tools, Run 3-7/8" RD, 3-3/4" OD DC on 2-3/8" tbg.

1-28,29,30-61 Mix brine wtr. to 9.0#/gal. Displ fresh wtr, DO & push CIBP to bottom, New PBTD 5985' KB, Run 2-3/8" 4.7# J-55 tbg. to 5836' KB, Nipple up Xmas tree, Release Arapahoe Drlg. Co. rig @ 2 A.M. 1-28-61, MI Savers Well S r. swab unit, swab 4 hrs, Well commenced flowing, Release swab unit. Flowing to pit on 3/4" Ck, est. 250 MCFPD plus 20 BWPH, FTP 80#, FCP 600#.

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Con't

2-7-61 Flow to pit 7 hrs, Est 1,700 MCFFPD plus 2 bbl frac wtr. & 1 bbl
cond. per hr. FTP 150#, FCP 890#
2-8-61 Flow to pit 6 hrs, Est 1,700 MCFFPD plus 2 bbl frac wtr. & 1 bbl
cond. per hr, FTP 180 lb, FCP 400 lb.
2-9-61 SI 20 hrs, SITP 1875#, SICP 1900#, Flow to pit 4 hrs, Est 1750
MCFFPD plus 2 bbl frac wtr. & 1 bbl cond per hr, FTP 250#, FCP 500#
2-10-61 SI 30 hrs, SITP 1950#, SICP 1950#
2-11,12,13-61 SI for 7 day SI press. test, SITP 1975#, SICP 1950#
2-14-61 SI for 7 day SI press. test, SITP 1975#, SICP 1975#
2-15-61 SI for 7 day SI press test
2-16-61 SI for 7 day SI press test
2-17-61 SI for 7 day SI press test
2-18-61 SI for 7 day SI press test
2-19-61 SI for 7 day SI press test
2-20-61 SI 7 days, SITP 1966#, SICP 1965#, Flow 3 hrs. thru 3/4" ck,
FTP 293#, FCP 586#, Gauge 3480 MCFFPD, Calc AOF 4120 MCFFPD,
Well complete, SI for PL conn.

CORRECT

ENGINEER

APPROVED



SUPERINTENDENT