

DATE 3-5 3

Marathon Oil Company

HISTORY OF OIL OR GAS WELL

FIELD Knowles, North

WELL NO. _____ LEASE J. Benson BLOCK _____ SEC. _____ TWP. _____ R. _____
 PARISH _____
 STATE New Mexico COUNTY Lea AFE No.: 650693
 _____ ELEV. _____
 MEASUREMENTS TOP OF OIL STRING _____ ELEV. _____ HISTORY PREPARED BY Carrie Byrom
 TAKEN FROM TOP OF ROTARY TABLE _____ ELEV. _____ TITLE Secretary
 GRD. OR MAT. _____ ELEV. _____

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, including size of hole, size and number of bits, complete description of casing, cementing, fishing or drilling difficulties, surveys, all tests, all completion operations and procedure, etc.

DATE

PURPOSE: Recomplete in Chester & Wolfcamp.

3-09-93 Safety anchors tested to 22,500# on 3-06-93. MIRUPU. SITP/SICP 0#. N/D wellhead & pulled 4 jts 2-7/8" tbg out of the hole. N/U hydraulic BOP's & (2) 5000# csg valves on tbg spool. WIH w/ 5-1/2" RBP on 2-7/8" N-80 workstring to 1087'KB. Set RBP. Tested pipe rams & csg to 1500# - held OK. Rel RBP, pulled up hole to \pm 120'. Set RBP. POOH w/ tbg. Tested blind rams to 1500# - held OK. WIH, retrieved RBP. POOH. R/U 7" frac valve. R/U Computalog, tested lubricator to 1500# - held OK. WIH w/ 5-1/2" junk basket & gauge ring to 13,100'. Found FL @ 300'FS. POOH. WIH w/ 5-1/2" Baker CIBP & GR. Set CIBP @ 13,000' & dumped \pm 50' of cmt on top of CIBP. R/D Computalog. Started in hole w/ 5-1/2" Halliburton RTTS pkr on 2-7/8" workstring. Secured well. SDFN. DC = \$8,832.

3-10-93 SITP & SICP 0#. Continued in hole picking up workstring to 6967' KB. Set the pkr. Tested the tbg to 500#, held OK. Tested csg, would not hold pressure. FL @ \pm 300' FS. Pumped into leak @ 1.75 BPM @ 350#. Released pkr & isolated leak between 5468'-5531'KB. Pumped into leak @ 1.75 BPM @ 350#. Released pkr & continued in the hole picking up the workstring to 12406'KB. RU kill truck & circulated hole w/ 2% KCl wtr. RD kill truck. Secured well & SDFN. DC = \$6,966. CC = \$15,798.

3-11-93 SITP & SICP 0#. POOH w/ tbg & pkr. R/U 7" frac valve & Computalog w/ lubricator. R/U kill truck. Tested lubricator to 1500# - held OK. WIH w/ 4" perf'g gun on GR & CCL & perf'd Chester formation from 12,252'-12,260' w/ 4 JSPF for total of 33 holes. POOH. R/D Computalog & 7" frac valve. WIH w/ 5-1/2" RTTS pkr, 2-7/8" SN on 2-7/8" N-80 workstring; hydrotesting the tbg in the hole to 8000# below the slips to 12,065'KB. Left pkr swinging overnight. Secured well. SDFN. DC = \$10,703. CC = \$26,501.

3-12-93 SITP & SICP 0#. WIH to 12,265'KB, left pkr swinging & spotted 100 gals 15% HCl. Pulled up to 12,065'KB, had backflow. Attempted to break down perms. Pressured up to 8000# surf press & could not pump into formation. Pressure bled off 1000# in 15 min. Rel pkr, went back down to 12,283'KB & respotted acid due to backflow. Pulled up to 12,220'KB, set pkr & attempted to break down form. Pressured up to 8000# & could not pump into form. Rel pkr. WIH to 12,283'KB & reversed 85 bbls 2% KCl wtr. Respotted 100 gals 15% HCl & pulled pkr back to 12,220'KB. Set pkr & started to break down form. & communicated to surf @ 2000#. Rel pkr & pulled to 12,065'KB, set pkr & communicated @ 6000# to surf. Reset pkr @ 12,033'KB & communicated to surf. @ 3800#. Pressured up to 8000# last 2 times & showed no signs of breakdown on form. Rel pkr. WIH to 12,283'KB & reversed 110 bbls 2% KCl wtr. Midland Engineering (K.K. Miller) decided to abandon the Chester formation. POOH & found rubber on pkr damaged. RIH w/ killstring. Secured well. SDFN. DC = \$6,380. CC = \$32,881.

3-13-93 POOH w/ killstring. R/U Computalog w/ lubricator & CIBP & 7" frac valve. R/U kill truck, tested lubricator to 1500#, held OK. RIH w/ CIBP & set @ 12,200'KB & dumped 6 sxs cmt on top of plug. New PBTD \pm 12,150'KB. Perf'd Wolfcamp from 9730-43; 9840-48; & 9944-46 w/ 2 JSPF for total of 49 holes. Started in the hole w/ 5-1/2" RTTS pkr, 2-7/8" SN on 2-7/8" workstring. Secured well. SDFWE. DC = \$10,371. CC = \$43,252.