



NEW MEXICO OIL CONSERVATION COMMISSION OFFICE

WELL RECORD

Santa Fe, New Mexico

Mail to Oil Conservation Commission, Santa Fe, New Mexico, er its proper agent not more than twenty days after completion of well. Follow instructions in the Bules and Regulations of the Commission. Indicate questionable data by following

| | | | | | | | | | <u> </u> |
|--|--|-----------------------------|--|--|--|--|--|--|--|
| | 7 | | .Well No | | | | Sec33 | | , _T 21-5 |
| | Lease 7—B 1 | N. MP. M., | Bru | nson | Field, | Loa | Jack | *************************************** | Count |
| Well is | 660 fe | eet south of t | the North l | line and' | feet | TREEK of the TE | Escu ine of | Secrit | <u>u 22</u> |
| If State la | nd the oil a | nd gas lease | is No | | Assigr | ment No | | | |
| If patente | d land the | owner is | E. U. | Carson | ·\$ | , | Address | Merkel | Texas |
| | | | | | | | | | 27, Kermit, |
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| - | | | | | | | | | , Dallas, Tex |
| Elevation | above sea 1 | evel at top o | f casing | 3474 | feet. | | | | · |
| The inform | mation give | n is to be ke | pt confiden | tial until | | | 1 | | |
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| No. 2, from | m | | | to | | fe | et | | |
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| No. 4, fro | m | | | to | | fe | et | | |
| | | | | C | CASING RECO | RD | | | |
| SIZE | WEIGHT | THREADS | MAKE | AMOUNT | | CUT & FILLED | | | PURPOSE |
| | PER FOOT | PER INCH | G H AO | | BHOE | FROM | FROM | то | |
| 13-3/8 * 9-5/8 * | 36# | SRT SRT | J- 55 | 298 2854 | Hallibur | voti | | | Surface Intermidia |
| 7* | 26# | SRT d. DO | J-55 | dana | | | | A | N41 63-1 |
| 711 | 26# | 8 RT | N-80 | 8220 | - | | 81.76 | 8190 |) Oil String |
| 2" | 4.7# | # RT | H-8 0 | | | | | | |
| 2# | 4.7# | 8 RT | J-55 B | UE 8210 | | | 1 | | |
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| HOLE 17å™ | SIZE OF CASING W | 298 2854 | NO. SACE OF CEME 300 1500 | Pu | ethods used inp & Plug imp & Plug | MUD GH | RAVITY | AMOU | UNT OF MUD USED |
| HOLE 17å™ | 13-3/8# 9-5/8# | 298 | 300 | Pu Pu | mp & Plug | MUD GI | RAVITY | AMOU | UNT OF MUD USED |
| 172" | 13-3/8# 9-5/8# | 298 2854 | 300 1500 | Pu Pu Pu | mp & Plug | | | AMOU | UNT OF MUD USED |
| 17½" 17½" 12° 5×3/4" | 13-3/8# 9-5/8# | 298 2854 8220 | 300 1500 1100 | Pu Pu Pu | mp & Plug mp & Plug mp & Plug mp & Plug GS AND ADA | PTERS None | | | UNT OF MUD USED |
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Address Box 727, Kermit, Texas

| | <u> </u> | | ORMATION RECORD |
|---------------|-----------------------------|----------------------|---|
| FROM | то | THICKNESS IN FEET | FORMATION |
| 8170 | 8220 | 58 | DST - (2 Packers) 1 hr. 17 min. 5/8* HHC & 1* |
| | | وس منفيد | face choks, no water cushion, gas 18 min. (Est. 24 hrs. 8.92 MCF), no mail or oil to |
| | | | surface. Rec. 851 mid, 901 gas-cut mid, heavy oil and gas cut mid, 901 clean oil, |
| | | William Commence | 360' heavy gas and eil out selt water; 81 no gauge; BEFP 275-525#. S-I 15 min. BH |
| | | | 2850#; hy. hd. 4200#. |
| 8220 | | | TOTAL DEPTH |
| 2850 | 8220 | 5370 | Ran Schlumberger. |
| | | | Set 7º 00 case. @ 8222! (Pine Talley) w/ |
| - | | | THRU Multiplex Coller w/Multiplex Coller |
| | | | 7317.29; Netal Petal Baskets from 7346.90 to 7338.96 and from 7331.96 to 7323.96. |
| | | | Baffle Gollar e 7282.88. Gentralisers se e 8215.23, 8151.36, 8083.63, 8019.93, |
| | | | 7954.98, 7894.58, 7829.78, 7765.40, 7790, 7357.54, 7333.46, 7312.29, 7244.84, 6608. |
| | | | 6544.01, 6479.31, 6414.82, 5285.78, 5224 |
| 750 | £3.00 | /0"" | 5164.49, 5102.97, 1727.28, 1695.72. |
| 150 | 6155 | 6055 | Schlumberger ran Temperature Survey, probably to of cement, 545'. |
| 6173 8176 | 821 0 8190 | 2037 14 | Drilled out cement. Lene Wells perforated 7" CD case, w/84 holes, |
| | | | shots per foot. |
| | | 7.2 | Ren 2" tubing to \$210". |
| 8176 | 8190 | . | Swabbed dry. Western Co. acidised perforations w/1000 gals, |
| - | | | lew tension, 2900#-0#; 71 min., 1.5 BFM. |
| | | ٠ | BBC TEST - Flored 142 343 - 42 36 4 3/4 |
| | | | TP 1000#-50#; CP 50#-60#; GOR 750/1. |
| | | | hrs. gas 123 MCF), Grav. 39 0 60; acid water; Est. 24 hr. capacity 391 |
| | | | bbls. eil. Allew. 129 bbls. |
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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Pe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. PORM C-110 WILL NOT BE APPROVED

| LOC | AREA 6 | 40 ACRES | rly | | | | RM C-105 IS | PROPERLY FILLE | D OUT. | | | |
|------------|-----------------|--|--|-------------|--------------|---------------------------------------|------------------|----------------------|--------------|-----------|---------|-------------------|
| •••••• | ••••• | Compan | y or O | perator | | | | of Se | Addre | 88 | | - |
| | L | ease | | | | | | | | | | |
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| The info | rmation g | iven is to | oe ker | ot comider | iliai u | 11611 | | | | | | |
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| No. 2, fr | om | ************************************** | ' . | to | | · · · · · · · · · · · · · · · · · · · | No. | 5, from | | toto | | |
| No. 3, fr | om | | | to | | | No. | 5, Irom | ••••••••••• | то. | | |
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| Include d | lata en ra | te of water | r inflo | w and ele | vation | to wh | nich water ro | se in hole. | | | | |
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| SIZE | WEIGH PER FO | | | MAKE | AMO | TRUC | KIND OF SHOE | CUT & FILLED FROM | FROM | TO | | PURPOSE |
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| -: | • | - | - | M | UDDL | NG AI | ND CEMEN | ring record | | | | |
| SIZE OF | SIZE OF | WHERE S | SET! | NO. SAC | KS | ME' | THODS USED | MUD GR | AVITY | AM | OUNT (| OF MUD USED |
| HOLE | CASING | WITERE | | OF CEMI | SNT | | | | | | | |
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| | | | I | EXPLOSIV | | | | | DEPTH S | энот | | TI OT BANED OUT |
| SIZE | SHE | LL USED | (| CHEMICAL | | | QUANTITY | DATE | OR TREA | TED | DEPT | H CLEANED OUT |
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| Results of | of shooting | ng or chen | nical | treatment | | | | | | | | |
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| If drill-s | tem or otl | her special | tests | | • | | | ND SPECIAL TI | | eet and | attac | h hereto. |
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| Cable to | ols were | used from | | | feet | | | | | 1eet | . to | fee |
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| ROCK Pre | essure, 109 | s. per sq. i | 44 | , t | | | | c | | | | |
| | | | | ٠, | | , | EMPLOYEE Driller | | | | | , Drille |
| | | | | | | | | * | | | | Drille |
| ····· | | | ••••• | | | | • | OTHER SID | | | | , 21110 |
| | | affirm tha | | | | | rewith is a co | mplete and corr | ect record o | f the we | ell and | l all work done o |
| Subscribe | ed ānd su | vorn to bef | ore m | ne this | ******* | | | | | | | |
| - | , | | • | | | | | | Place | | | Date |
| aay of | | | - | ••••• | | , 19 | | | | | | |
| | | ••••• | | | Votary 1 | Public | | | | | | |
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My Commission expires....

Address.....

FORMATION RECORD

| r | | | FORMATION RECORD | |
|--|--|---------------------------------------|--|--|
| FROM | то | THICKNESS IN FEET | | FORMATION |
| 0 2,51 14,50 242 | 2.51 14.50 242 315 | 2.51 11.99 227.50 | From derrick floor to Red bed | ive bushing to derrick floor. tep of 13-3/8" (D casing. |
| | 717 | 73 | Red bed & anhydrite | |
| | | | Gement circulate | d. |
| 315 750 1125 1250 1517 1570 | 750 1125 1250 1517 1570 2460 | 435 375 125 267 53 890 | Red bed No form, logged Red rock & ankydrite Ankydrite & salt Anky, shells & salt Ankydrite & salt | ½° e 900. 3/4° e 1200. 3/4° e 1500. 3/4° e 1800; 1½° e 2100; |
| 2460 | 2550 | 90 | Anhydrite & gyp | 1 e 2300. 1 e 2470. |
| 2550 2610 2745 2795 | 2610 2745 2797 2858 | 60 135 52 63 | Anhydrite & gyp Anhydrite & shale Amhydrite | 1 @ 2625. 2 @ 2740. 2 @ 2800. |
| | | | Set 9-5/8" 00 8 | 2854' v/1500 sex. |
| 2858 2868 2977 3053 | 2868 2977 3053 5172 | 10 109 % 2119 | Anhydrite & lime Anhy,, lime & sand Anhydrite & lime Lime | 1-3/4° @ 3000. 3/4° @ 3300, 3639; † @ 3850, 4050, 1-3/4° @ 4384; 3† @ 4690; 3° @ 5030; 2† @ 5115, 5165; 3/4° @ 4856, 4945; 2-3/4° @ 4980. |
| 5172 5200 5261 5295 | 5200 5261 5295 5860 | 28 61 34 565 | Lime & shale Lime Sandy lime Lime | 2 |
| 5860 5900 | 5900 6120 | 40 | No form, legged | Streight @ 5820. |
| 6120 | 6137 | 220 17 | Lime No form, legged | 3/4 • 5945; 1 • 6067, 6130. |
| 6137 | 6510 | 373 | Lime | † @ 6230; 1 |
| 6470 | 6510 | 40 | gas 2 min., dist (insufficient to BHFP 1840#; 15 m Hy. hd. 3240#; 1 | r. 5/8" ERC & 1" surface ch. tillate eil spray 11 min. o measure), SFP, me gauge; min. S-I BHP (Packer unseated Rec. 200' distillate eil & |
| 6510 6518 | 6518 6593 | 8 75 | No form, logged | 24 hr. gas vol. 9600 MIF. 2 6557. Av. drlg. time 13 MPF. Oil zone 6515- 6530, light staining & geed porosity. 6530-6555, 10-20% light stain & poro- sity, 6555-6585, 30% -50% |
| 6514 | 6593 | 79 | sure), no fluid | fair stain & porosity. 1s. 6 min. 5/8" BNC & 1" sur- 43 min. (insufficient to ma- to surface; SFP Of; BNFP 85- I BNP 1265/; hy. hd. 3235/; |
| 6 59 3 6715 | 6715 | 122 | rec. 215' eil & | gas cut mad. 3/4 @ 6617; 1 @ 6700. |
| 6731 | 6731 7198 | 16 467 | No ferm, legged Lime | 1° e 6754; 1± e 6783; 1-3/4 e 6930, 1± e 6980. 3/4 e 7085; 1± e 7109, 1± e 7169. |
| 7198 7277 | 7277 7330 | 79 53 | Lime & shert Lime & shele | 2 • 7200; • • 7230. 1• • 7317. |
| 7330 7409 7429 | 7409 7429 7466 | 79 20 37 | Line Line & shale Line | 11 • 7430. |
| 7466 | 7700 | 234 38 | Lime & shele GereduRecovered 351 cm | 1‡ • 7500, 7578; 3/4 • 7648. |
| 7738 | 7778 | 40 | careous shale, c sandy shale, a f Cared-Recevered 1005. | een shale limestone, cal- alcareous sandstone and ou red to brown streaks. Tep 8' impuresh shale and |
| 7776 | 781.8 | 40 | Cored-Resevered 361 se | m 32' sandstone, show eil mistone w/thin streaks of |
| 7818 | 7848 | 30 | stale, 505 core | , show of eil. ndstone w/thin streaks of |
| 7848 | 7879 | 31 | Shale, 85% show Gored-Recovered 23', t | of oil. op 10 ^t sandstone v/60% show |
| 7879 | 7905 | 26 | Gered-Recovered 171, to | op 9º impure shale, bottom |
| 7905 | 7914 | 9 | Cored-Recovered 5', to | p 1 sandstene w/show of oil |
| 7914 7922 8032 8067 8179 8195 | 7922 8032 8067 8179 8195 8220 | | and bettem 7° shi show of oil. Top McKee - 7746. Fep staining - 7752°. Bettom Main McKee - 7892 Tep lever McKee - 7892 Shale Lime & Shale Lime & Shale Lime & shale Delemite & chart Lime & chart | ale and impure sandstone, no |
| | | | | MFF, 8180-8220, 10% peresity, trace of light staining. |

A CASE OF