OIL CONSERVATION COMMISSION

1000 RID BRAZOS ROAD AZTEC, NEW MEXICO

4

June 20, 1963

B1 Paso Natural Gas Company Box 990 Farmington, New Mexico

Attn: Mr. E. S. Oberly

He: El Paso Nat. Gas #85 SJU 28-6 NE 25-278-6k, Rio Arriba County

Gentlemen!

Packer leakage test submitted to this office June 19, 1963 on the above well indicates that there is communication between the producing formations.

You are, therefore, directed to take immediate remedial action to separate the producing zones, and upon completion of the workover, re-file packer leakage test with this office.

Yours very truly

Emery C. Arnold Supervisor, District #3

AUA. Ks

ec: OCC, Santa Pe, N.H.

L PASO NATURAL GAS COMPANY

Measurain

To

Mr. A. J. Dudenhoeffer

June 12, 1963

From:

FS#RM 10+4R 1+5"

Gas Engineering Department

Farmington, New Mexico

SUBJECT:

1963 Packer Leakage Test on El Paso Natural Gas Company

Well San Juan Unit 28-6 No. 85 (PM), NE Sec. 25-27-6,

Rio Arriba County, New Mexico.

Communication between the producing zones of the subject dually completed well was found to exist by tests completed on 6-10-63. See attached test sheets.

This well is being assigned to your department for necessary action.

W. D. Dawson Gas Engineer

WDD:bjo

cc: W. G. Cutler

L. D. Galloway

R. F. McCarty (W/O Attachment)

0.C.C., Aztec (3)

W. M. Rodgers (W/O Attachment)

Bob Wimsatt (W/O Attachment)

File (2)



NEW MEXICO OIL CONSERVATION COMMISSION NORTHWEST NEW MEXICO PACKER - LEAKAGE TEST

FORM PL-NW-1 REVISED 6-1-59

134

| perator | | | | PAGE | ease - I | CORREC | MED COPY - | Well No. | | | |
|--|---------------------------|--|--------------|-------------------------------|-----------------------------|------------------------|-----------------------------|-------------------------------------|--|--|--|
| Kl Paso Na | tural | Gas Company | | County: | San Ju | en Uni | t 28-6 | 85 (PM) | | | |
| it Sec. | . 25 | Twp 27 Rg | e 6 | | ; | Initial | DATE | Annual 1963 | | | |
| | Name of Reservoir or Pool | | | Oil or Gas | Flowing or Arti | | P | roducing Casing or Tubing | | | |
| APLETION: | | | | Gas Oil or Gas | Flowing or Arti | | P | Casing roducing Casing or Tubing | | | |
| MPLETION: Mesa Verde | | | | Gas | Flowin | g | | Tubing | | | |
| | | SHUT - | IN PR | ESSURE DAT | A BEFORE F | LOW T | EST NO. 1 | | | | |
| PER | Hour & Date Well Shut-in | | | Length of Time Shut-in | | Shut-in Pressure, PSIG | | Stabilized Pressure | | | |
| MPLETION: | 5-13 | ' | | 7 days | | | (C) 640(T) |) Stabilized Pressure | | | |
| DWER Hour & Date Well Shut-in DMPLETION: 5-13-63 | | | | Length of Time Shut-in 7 days | | Shut-in Pressure, PSIG | | (XXXXXX No) | | | |
| | | | | Zone Producing (| | | | & Date Flow Started | | | |
| LOW TEST N | 10. 1 | | | | Lover | | | 5-20-63 | | | |
| PSED TIME | 1 | HUT-IN ZONE RESSURE, PSIG | | S COLUMN RE, PSIG | PRESSURE, I | i. | FLOWING TEMPERATURE | REMARKS | | | |
| 3 days | 6 | 24(c) 623(1 | ') | | 540 | | | | | | |
| 7 days | 6 | 619(c) 617(t) | | | 553 | | | | | | |
| | | | | | | | | | | | |
| OIL PRODUCE | | otal Bbis. | Number Hours | | Oil Rate: Bbl./D | | Gravity | Gas Oil Ratio | | | |
| | | ate of Flow | Tested T | hrough | | | | | | | |
| GAS PRODUCE ———————— EMARKS: | E D | 807 MCF/D | (States | Meter) | | | | | | | |
| OWER | | ate Well Shut-in | | 21 day | Shut-in | Shut-in | . (C & T) Pressure, PSIG | Stabilized Pressure | | | |
| OMPLETION: | 5-27 | -63 | | 7 day | (Upper or Lower) | | | & Date Flow Started | | | |
| LOW TEST | NO. 2 | | | | Lower | | , | 6-3-63 | | | |
| APSED TIME | | PRESSURE, PSIG | | | SHUT-IN ZO PRESSURE, | | FLOWING TEMPERATUR | REMARKS | | | |
| | | -0- | | | Cag. | Tog. | | COEN EN | | | |
| 15 min. 30 min. | | 28 3 2 7 5 | | | 6 5 2 6 51 | 6 51 | 62 62 | OFPIATO / | | | |
| 45 min. | | 263 | | | | 650 | 64 65 65 66 | WN1 9 1963 | | | |
| 60 min. | | 257 | | | 650 | 650 | 65 | JUNI S. COM. | | | |
| 120 min. | | 222 | (0 | alc.) 432 | 649 647 | 649 646 | 66 | OIL CON. COM. | | | |
| 180 min. | | 215 | 1 | RRECTE | | Y | - 00 | OIL CON. 3 | | | |
| OIL PRODUC | | Total Bbls. | Number I | | Oil Rate: | Bbl./D | Gravity | Gas Oil Ratio | | | |
| | | Rate of Flow | Tested T | Chrough | | | 1 | | | | |
| GAS PRODUC | ED | 2682 MCF/E | (Choke | e yxxxxxxx | | | | | | | |
| EMARKS | | | | | | | | | | | |
| | ext Pa | | | | | | | | | | |
| | | test indicate () | | | | | | my knowledge | | | |
| hereby cert | ity that | the information of the state of | n nereij | n contained is | s true and cor | uprete u | o die best di | my knowtedge. | | | |
| <u> </u> | 1Re | pair 6 | - 19 | 10 63 | OPERATO | R | | | | | |
| N | IEM WEX | CICO OIL CONSE | RVATION | COMMISSION | В | BY | | | | | |
| ВΥ: _ | em | eng C | (le | mest | TITL | .E | | | | | |
| TITLE: | | | | | DAT | E | | | | | |

NEW MEXICO OIL CONSERVATION COMMISSION NORTH EST NEW MEXICO PACKER - LEAKA TEST

FORM PL-NW-1 REVISED 6-1-59

| Operator | | PAC | GE 2 Lease | | Well No. |
|--|------------------------|--|------------------------|----------------------------|---|
| Kl Paso Nat | ural Gas Compan | | i | iven Imi+ 08.6 | |
| Location of Well: | • | County: | Ty | uan Unit 28-6 | |
| Unit G Sec. | 25 Twp 27 R | ^{ge} 6 | _ | Initial | Annual 1963 YEAR |
| JPPER Nam | e of Reservoir or Pool | Oil or Gas | Flowing or Art | ificial Lift | Producing Casing or Tubing |
| COMPLETION: Pictured Cli OWER Name of Reservoir or Pool COMPLETION: Mesa Verde | | | Flowi | | Casing |
| | | Oil or Gas | Flowing or Art | | Producing Casing or Tubing |
| 2271011 | Mesa Verde | Gas | Plowi | ng | Tubing |
| | SHUT | - IN PRESSURE DA | ATA BEFORE | FLOW TEST NO. | 1 . |
| IPPER How | r & Date Well Shut-in | Length of Time | | Shut-in Pressure, PSI | |
| COMPLETION: | 5-13-63 | 28 day | | 670 / a • m | (************************************* |
| OWER Hour | & Date Well Shut-in | Length of Time | | Shut-in Pressure, PSI | |
| OMPLETION: | 6 -3-63 | 7 day | vs | 823 | (Yes or No) |
| | | _ | g (Upper or Lower) | | four & Date Flow Started |
| FLOW TEST NO | . 1 | | Upper | ľ | 6 -10-6 3 |
| APSED TIME | SHUT-IN ZONE | WORKING COLUMN | FLOWING ZO | ONE FLOWING | |
| SINCE FLOW BEGA | N PRESSURE, PSIG | PRESSURE, PSIG | PRESSURE, | PSIG TEMPERAT | URE REMARKS |
| 15 min. | 823 | 37 2 | 333 | 56 | |
| 30 min. | 823 | 257 | 251 | 56 | |
| 45 min. | 824 | 181 | 171 | 5 7 58 | |
| 60 min. | 824 | 156 | 151 | | |
| 120 min. | 324 | 86 | 81 | 60 | |
| 180 min. | 824 | 74 | 69 | 60 | |
| | | | | i | |
| | | | | | |
| | Total Bbis. | Number Hours | Oil Rate: | Gravity | Gas Oil Ratio |
| OIL PRODUCED | | | | Bbl./D | |
| GAS PRODUCED | Rate of Flow | Tested Through | | | |
| | <u> 967 MCF/D</u> | (Choke Cox Mx Cox | | | |
| REMARKS: | | | | | |
| COMPLETION: | r & Date Well Shut-in | | Length of Time Shut-in | | IG Stabilized Pressure (Yes or No) IG Stabilized Pressure (Yes or No) |
| FLOW TEST NO. | . 2 | Zone Producin | g (Upper or Lower) | 1 | Hour & Date Flow Started |
| APSED TIME | FLOWING ZON | WORKING COLUMN | SHUT-IN ZOI | NE FLOWING | |
| INCE FLOW BEGA | N PRESSURE, PSIG | PRESSURE, PSIG | PRESSURE, | PSIG TEMPERAT | TURE REMARKS |
| | | | | | RECEIVED LIN1 9 1963 OIL CON. COM. OIL CON. COM. |
| OIL PRODUCED | Total Bbls. | Number Hours | Oil Rate: | Bbl./D Gravity | Ga Oil Rachet. 3 |
| GAS PRODUCED | Rate of Flow | Tested Through | | | |
| REMARKS | MCF/D | (Choke or Meter) | : | | |
| I horoby cortify | that the information | therein contained in the second secon | | plete to the best | of my knowledge. |
| NEW | MEXICO OIL CONSER | VATION COMMISSION | 5) TITLE | H. Z. Kenzi Area Gas We | Studied rick all Test Engineer |
| TITLE: | | | | June 12, 19 | |

FERM 10-3R (1-57)

EL PASO NATURAL GAS COMPANY

Memorandum

To

Mr. A. J. Dudenhoeffer

Dare.

June 12, 1963

From:

Gas Engineering Department

Place:

Farmington, New Mexico

SUBJECT: 1963 Packer Leakage Test on El Paso Natural Gas Company Well San Juan Unit 28-6 No. 85 (PM), NE Sec. 25-27-6, Rio Arriba County, New Mexico.

Communication between the producing zones of the subject dually completed well was found to exist by tests completed on 6-10-63. See attached test sheets.

This well is being assigned to your department for necessary action.

Gas Engineer

WDD: b.jo

cc: W. G. Cutler

L. D. Galloway

R. F. McCarty (W/O Attachment)

O.C.C., Aztec (3)
W. M. Rodgers (W/O Attachment)
Bob Wimsatt (W/O Attachment)

File (2)

NEW MEXICO OIL CONSERVATION COMMISSION NORTHWEST NEW MEXICO PACKER - LEAKAGE TEST

FORM PL-NW-1
REVISED 6-1-59

| perator | | | | | ACE 1 | | | | Well No. | |
|--|---------------------------|--|----------------------------------|---|---------------------|------------------------------------|----------------------|--------------------------------|---------------------------------|--|
| | Madaure | al Gas Compan | Y | | San Juan | unit | 28-6 | | 85 (PM) | |
| nit Se | ec. 25 | | ge 6 | County: | Ту | pe of Test Initial | | A | nnual 1963 | |
| PPER | Name of | Reservoir or Pool | - 0 | Oil or Gas | Flowing or Art | ificial Lif | DATE. | Produc | cing Casing or Tubing | |
| MPLETION: | Name of Reservoir or Pool | | | Gas Oil or Gas | Flowing or Art | ificial T if | | Produ | Casing cing Casing or Tubing | |
| MPLETION: | | | | Ges | Flowing | Flowing or Artificial Lift Flowing | | | Tubing | |
| | | SHUT | - IN PRI | ESSURE DAT | TA BEFORE | FLOW: | TEST NO. | | | |
| PER | Hour & | Date Well Shut-in | | Length of Time S | | | Pressure, PS(C | | Stabilized Pressure | |
| MPLETION: | 5-1 | 3-63 | | 7 days | 641(| | | (Moser No) Stabilized Pressure | | |
| DWER Hour & Date Well Shut-in DMPLETION: 5-13-63 | | | Length of Time S | | | Pressure, PSIC | | (Xec. or No) | | |
| | | | | | (Upper or Lower) | | | our & Da | te Flow Started | |
| | 140. 1 | | T | | Lower | | T=1 2.000.00 | | 5-20-63 | |
| APSED TIME NCE FLOW B | EGAN | SHUT-IN ZONE PRESSURE, PSIG | | G COLUMN RE, PSIG | FLOWING ZO | | FLOWING TEMPERAT | JRE | REMARKS | |
| 3 days | | 624(c) 623(7 | | | 540 | | | | | |
| , uni | | | | | | | | | | |
| 7 days | | 619(c) 617(1 | | | 553 | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | - | Total Bbls. | Number 1 | ours | Oil Rate: | | Gravity | Ge | s Oil Ratio | |
| OIL PRODUC | CED | | Number Hours | | | Bbl./E | - | | - | |
| GAS PRODU | CED | Rate of Flow 807 MCF/I | Tested Through (Charlette Meter) | | | | | | | |
| EMARKS: | - | 1 001 | 1 | | <u> </u> | | | | | |
| OMPLETION: | 5-1 | Date Well Shut-in 5-63 Date Well Shut-in | | Length of Time 21 days Length of Time | 5 | 651 (C & | | | | |
| OMPLETION: | 5-2 | 7-63 | | 7 days | 8 | | 796 | | Macoz No) | |
| LOW TEST | NO. 2 | 2 | | Zone Producing | (Upper or Lower) | | I | iour & Da | ate Flow Started 6-3-63 | |
| APSED TIME | | FLOWING ZONE WORKIN | | G COLUMN | SHUT-IN ZO | NE | FLOWING TEMPERAT | URE | REMARKS | |
| INCE FLOW E | | CBG. The | FRESSO | RE, F310 | FRESSORE, | | TEMPERA! | | (cors) | |
| 15 min. | | 652 651 | | | 283 | | 62 | | RHA | |
| 30 min. 45 min. | | 651 650 650 650 650 650 649 649 | | | 2 7 5 263 | | 64 65 65 66 | | \arillED | |
| 60 min. | | 650 650 | | | 25 7 | | 65 | | JUN1 4 -32 | |
| 120 min. 180 min. | | 649 64 9 | (Ca) | lc.) 432 | 222 215 | | 66 | / (| JUN1 4 33 DIL CON. COM. | |
| | | • | | | | | | , | DIST. 3 | |
| OU PRODU | ICED. | Total Bbls. Number H | | lows | Oil Rate: | DLI /r | Gravity Gravity | | s Oil Ratio | |
| OIL PRODUCED | | Rate of Flow Tested T | | hrough | | Bbl./D | | | | |
| GAS PRODI | JCED | 2682 MCF/ | D (Choke | PENTAGER | | | | | | |
| REMARKS | | | | | | | | | | |
| See Next | Page | • | | | | | | | | |
| | | | | | | | | | | |
| The results | of this | s test indicate (| No Pack | er Leakage) | (Packer Leak | age) in | this well. | | | |
| hereby cei | rtify th | at the information | on herein | contained is | s true and con | mplete t | to the best | of my | knowledge. | |
| • | ٠ | | | | | | | - | | |
| | | | | | OPERATO | R | | | | |
| Approved _ | NEW | EXICO OIL CONSE | RVATION | 19 | | | | | | |
| | ч⊏тМ | | ATION | JOMMISSION | E | , Y | | | | |
| BY: _ | | | | | TITL | .E | | | | |
| TITLE: | | | | | DAT | E | | Ì | | |
| · · · · | | | | | | | | | | |

NEW MEXICO OIL CONSERVATION COMMISSION NORTHWEST NEW MEXICO PACKER - LEAKAGE TEST

FORM PL-NW-1
REVISED 6-1-59

| Operator | | | | PAG | R 2 | | | | | | |
|--|---------------------------------|------------------------------|-----------|------------------------|--------------------------|--------------------------------|----------------------|--------------|-----------------------------|--|--|
| Location of Well: | Matau | Two - R | | County: | | | nit 26- 6 | | 85 (PK) | | |
| UPPER G | | f Reservoir or Pool | ge 6 | Oil or Gas | Plania | Initial | DATE | Ann | YEAR | | |
| COMPLETION: | | | | | | ng or Artificial Lift Flowing | | | Casing or Tubing | | |
| LOWER | LOWER Name of Reservoir or Pool | | | Oil or Gas | Flowing or Art | | ift | | Casing or Tubing | | |
| COMPLETION: Mesa Verde | | | Gas | Flowi | ng | | | Tubing | | | |
| SHUT - IN PRESSURE DATA BEFORE FLOW TEST NO. 1 | | | | | | | | | | | |
| UPPER | Hour & | Date Well Shut-in | | Length of Time | | | | | | | |
| COMPLETION: | ŀ | _ | | 28 day | | _ | Pressure, PSIG | i | Stabilized Pressure | | |
| LOWER Hour & | | 5-13-63 Date Well Shut-in | | Length of Time | Shut-in | Shut-in Pressure, PSIG | | | (No) Stabilized Pressure | | |
| COMPLETION: 6-3-63 | | | | 7 day | s | <u> </u> | 823 | | (You or No) | | |
| FLOW TEST | NO. 1 | | | Zone Producing | (Upper or Lower) | | Hot | ır & Date Fi | low Started | | |
| LAPSED TIME | | | 1. | | Upper | | | | 6-10-63 | | |
| SINCE FLOW BE | EGAN | PRESSURE, PSIG | | IG COLUMN IRE, PSIG | FLOWING ZO | | FLOWING TEMPERATU | RE | REMARKS | | |
| 15 mi n. | | 823 | | 372 | 333 | | 56 | | | | |
| 30 min. | | 823 | | 257 | 251 | | 56 57 58 60 | | | | |
| 45 min. 60 min. | | 824 824 | | 181 | 171 | 171 | | | | | |
| 120 min. | | 824 | | 156 86 | 151 | 151 81 | | | | | |
| 180 min. | | 824 | | 74 | 69 | | 60 | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| OIL PRODUC | F D | Total Bbis. | Number H | lours | Oil Rate: | | Gravity | Gas Oil | Ratio | | |
| | | Rate of Flow | Tested T | hrough | | Bbl./I |) | | | | |
| GAS PRODUC | ED | | 1 | | | | | | | | |
| REMARKS: | | | <u> </u> | | | | | | | | |
| Dada | | | | | | | | | | | |
| Metrued | to F | red. Engineer | ing 6- | 12-63. | | | | | | | |
| | | | | | | | | | | | |
| | | SHUT | - IN PR | RESSURE DA | TA*BEFORE | FLOW | TEST NO. 2 | | | | |
| UPPER | Hour & | Date Well Shut-in | | Length of Time S | | | Pressure, PSIG | | Stabilized Pressure | | |
| COMPLETION: | | | | | | | | | (Yes or No) | | |
| LOWER COMPLETION: | Hour & | Date Well Shut-in | | Length of Time S | Shut-in | Shut-in | Pressure, PSIG | | Stabilized Pressure | | |
| | | | | <u> </u> | | <u> </u> | | | (Yes or No) | | |
| FLOW TEST | NO. 2 | | | Zone Producing | (Upper or Lower) | | Hou | r & Date Fl | ow Started | | |
| LAPSED TIME | | FLOWING ZONE | WORKIN | G COLUMN | SHUT-IN ZON | | FLOWING | | | | |
| SINCE FLOW BE | EGAN | PRESSURE, PSIG | PRESSU | RE, PSIG | PRESSURE, PSIG TEMPERATE | | | RE | REMARKS | | |
| | | | | • | | | | OF. | PELLA | | |
| | | | | | | | | \ UTI | JLIVFA\ | | |
| | | | | | | | / | JIM | 14 1963 N. COM. | | |
| | | | | | | | | QII - | 4 1963 | | |
| | | | | | | | 1 | CO | N. COA | | |
| | | | | | | | | VUS | T. 3 | | |
| · | | Total Bbls. | Number H | ours | Oil Rate: | | Gravity | | | | |
| OIL PRODUC | ED | | | | | Bbl./D | | Gas Oil I | CELLO | | |
| GAS PRODUC | | Rate of Flow | Tested Ti | _ | | | | | | | |
| REMARKS | | MCF/D | (Choke | or Meter) | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| The results o | f this | test indicate | DEUCOD | KIEEKIYEX(| Packer Leakas | ge) in t | his well. | | | | |
| | | | | | | | | | | | |
| ı nereby certi | ry that | t the information | herein | contained is | true and comp | lete to | the best of | my know | ledge. | | |
| | | | | | | | | • | | | |
| | | | | | OPERATOR | 6 | PARO MATRIE | ATA | | | |
| Approved | | | <u>_</u> | _ 19 | OPERATOR | | | | A C | | |
| NEW MEXICO OIL CONSERVATION COMMISSION . BY CA. Suduch | | | | | | | | | | | |
| BV. | | | | | | H. | L. Kendric | *) | | | |
| RA: | | | | | TITLE | Are | a Gas Well | Jest 1 | ngineer | | |
| TITLE: | | | | | DATE | .B., | ne 12. 106î | <u>/</u> | | | |
| 23-150R (Rev. | . 4- 59) | | | | | | # 4E, 190; | | | | |