| | | | 9-3-04 | SP | | |
|-------------|--------------------|---|---|--|---|------------|
| | 7.3.04 SUSPE | 9-23-09 STD6NER | LOGGED N 9-04 | THE HEP | PSEM04251 | 48523 |
| · | | ABOVE | THIS LINE FOR DIVISION LISE ONLY | | | |
| | | NEW MEXICO OIL COI - Engineeri 1220 South St. Francis D | ng Bureau - | | | . 4 |
| | | ADMINISTRATIVE | APPLICATIO | N CHECK | (LIST | |
| т | HIS CHECKLIST IS I | MANDATORY FOR ALL ADMINISTRATIN WHICH REQUIRE PROCE | Æ APPLICATIONS FOR EXC SSING AT THE DIVISION LE | | SION RULES AND REGUL | ATIONS |
| Appli | [DHC-Dov [PC-P | andard Location] [NSP-Non-Si | Lease Commingling] [-Lease Storage] [([PMX-Pressure Ma call [IPL-Injection Pr | PLC-Pool/Lo DLM-Off-Lease aintenance Exp ressure Increa | ease Commingling] Measurement] pansion] | |
| [1] | TYPE OF A [A] | PFLICATION - Check Those Location - Spacing Unit - Si NSL NSP | | n | 3 PM | |
| | Chec. [B] | k One Only for [B] or [C] Commingling - Storage - Me DHC CTB | asurement PLC PC [] | ols 🗌 (| nn DLM 5 | |
| | [C] | Injection - Disposal - Pressur | e Increase - Enhanced SWD 🗌 IPI 🗌 | | PPR | |
| | [D] | Other: Specify | | | | |
| [2] | | ION REQUIRED TO: - Checo Working, Royalty or Ov | | | ot Apply | |
| | [B] | Offset Operators, Lesse | noticers of Surface Ow | her | | |
| | [C] | Application is One Whi | ch Requires Published | l Legal Notice | | |
| | [D] | Notification and/or Con U.S. Bureau of Land Management - C | current Approval by E commissioner of Public Lands, St | SLM or SLO ate Land Office | | |
| | [E] | For all of the above, Pro | of of Notification or I | Publication is A | Attached, and/or, |) 2 |
| | [F] | Waivers are Attached | | | - | |
| [3] | | CURATE AND COMPLETE ATION INDICATED ABOVE | | EQUIRED T | O PROCESS THE | TYPE |

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application up in the required information and notifications are submitted to the Division.

P.O. Box 2265 Santarfial Alders 87504-2265

e completed by an individual with managerial and/or supervisory capacity. KELLAHIN & KELLAHIN Attorneys At Law Print or Type N Signature

5/04

KELLAHIN & KELLAHIN Attorney at Law

W. Thomas Kellahin

Recognized Specialist in the Area of Natural Resources-oil and gas law-New Mexico Board of Legal Specialization P.O. Box 2265 Santa Fe, New Mexico 87504 117 North Guadalupe Santa Fe, New Mexico 87501

Telephone 505-982-4285 Facsimile 505-982-2047 kellahin@earthlink.net

September 2, 2004

HAND DELIVERED

| | | POO |
|-------|--|----------|
| Mr. I | Michael E. Stogner | SEP |
| Adm | inistrative Judge | |
| Oil C | Conservation Division | ය |
| 1220 | South Saint Francis Drive | Pm |
| Santa | a Fe, New Mexico 87505 | |
| | , | |
| Re: | NMOCD Administrative Application of | 님 |
| | Citation Oil & Gas Corp. for a "well density" | U |
| | exception to Order R-8170-P pursuant to Rule 4(B) | |
| | of the Special Rules and Regulations for Eumont Gas Pool | |
| | for SE/4 of Section 1, T21S, R35E | |

Dear Mr. Stogner:

Lea County, New Mexico

On behalf, Citation Oil & Gas Corp. ("Citation") please find enclosed our administrative application which, if granted, will result in the addition of 1 Eumont gas well, the State "L" Well No. 3, Unit to the currently approved non-standard proration unit "NSP" that contains the State "L" Wells No. 1, 2 and 2-Y (Administrative Order NSL-3949 (SD) dated July 30, 2001. See also Order R-520, dated August 12, 1954.

Vers vours ømas Kellahin

cc: Citation Oil & Gas Corp. Attn: K. C. (Charlie) Adams

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

ADMINISTRATIVE APPLICATION OF CITATION OIL & GAS CORPORATION FOR A "WELL DENSITY" EXCEPTION TO ORDER R-8170-PURSUANT TO RULE 4(B) OF THE SPECIAL RULES AND REGULATIONS FOR THE EUMONT GAS POOL, LEA COUNTY, NEW MEXICO

ADMINISTRATIVE APPLICATION

Citation Oil & gas Corporation ("Citation"), in accordance with the provisions of Rule 4(B) of the Special Rules and Regulations for the Eumont Gas Pool (Order R-8170-P) seeks the approval of the New Mexico Oil Conservation Division to add the State "L" Well No.3, located 660 feet FSL and 1980 feet FEL of Irregular Section 1, T21S, R35E, Lea County, New Mexico, as an exception to the "well density" provisions of Rule 3(C) for this pool,

AND in support states:

PRIOR OCD ACTION

- (a) By Division Order R-520, dated August 12, 1954, the Division established this non-standard 160-acre gas spacing and proration unit ("GPU") for the Eumont Gas Pool comprising the SE/4 of irregular Section 1, T21S, R35E; See locator map attached as Exhibit 1.
- (b) By Administrative Order NSL-3949, dated February 16, 1998, the Division approved the unorthodox gas well location for the State "L" Well No. 2-Y thus approving two Eumont gas wells in the same 40-acre tract within this non-standard 160-acre GPU; See order attached as Exhibit 2.
- (c) By Administrative Order NSL-3949-A, dated July 30, 2001, the Division approved the addition of the State "L" Well No. 1 at an unorthodox gas well location in Unit Q to this GPU; See order attached as Exhibit 3.

NMOCD Administrative Application Citation Oil & Oil Corporation -Page 2-

(d) On August 24, 2004, the OCD- Hobbs granted permission to Citation for a thirty day period to unload frac water and production test the State "L" Well No. 3.

CURRENT STATUS OF WELLS WITHIN THIS 160-ACRE GPU

The existing wells in the SE/4 of irregular Section 1 are operated by Citation and are as follows: (See locator map attached as Exhibit 1)

(a) Unit Q (NE/4SE/4):

State "L" Well No. 1

- i. API 30-025-12720
- ii. Unorthodox location 2310 feet FSL and 330 feet FEL
- iii. Status: producing Eumont gas well (GOR 91,821)
- iv. Cumulative production as of 8/1/04:

As Eumont Oil to 4/30/65 – 155,227 BO & 334,023 MCF

As Eumont Prorated Gas 12/1/2000 to 8/1/2004 1,215 BO 142,240 MCF

v. Administrative Order NSL-3949-A, July 30, 2001, approved unorthodox gas well location and simultaneous dedication

(b) Unit X (SE/4SE/4):

State "L" Well No. 2

- i. API 30-025-03390
- ii. Unorthodox location 330 feet FSL and 990 feet FEL
- iii. Status: producing Eumont gas well (GOR Gas Only Produced)
- iv. Cumulative production as of 8/1/04: 30 BO & 5,388,311 MCF (from 5/53 to 8/1/04 as Eumont Gas Well). Prior as Eumont Oil Well 51,332 BO.
- v. Approval letter dated December 30, 1953 approved unorthodox gas well location and simultaneous dedication

NMOCD Administrative Application Citation Oil & Gas Corporation -Page 3-

(c) Unit X (SE/4SE/4):

State "L" Well No. 2-Y

i. API 30-025-12720

- ii. Unorthodox location 330 feet FSL and 330 feet FEL
- iii. Status: producing Eumont gas well (GOR 56,393)
- iv. Cumulative production as of 8/1/04: 103,307 BO 4,189,088 MCF
- v. Order: NSL-3949 (SD), dated February 16, 1998 Approved unorthodox gas well location And simultaneous dedication

(d) Unit X (SE/4SE/4):

State "L" Well No. 3 (subject of this application)

i. API 30-025-03391

- ii. Standard location 660 feet FSL and 1980 feet FEL
- iii. Original Status:
 - a. Completed 6-22-1954 Oil well in Seven Rivers
 - b. Classified as Eumont Oil well until SI 4/30/89
 - c. recompleted with additional perforations,
 - i. OCD approval June 30, 2004
 - ii. Recompletion on Aug. 7, 2004; On production August 15, 2004.
- iv. Current Status: producing Eumont gas well (GOR 626,000 based on August 25, 2004 test)
- v. Cumulative production as of 8/1/04: 147,347 BO 1,236,385 MCF
- vi. Being produced pending action on this application
- (e) Unit H:
 - a. State "L" Well No. 4
 - i. API 30-025-03392
 - ii. Standard location 1930 feet FSL and 1980 feet FEL
 - iii. Status: Shut-in ("TA") Eumont oil well (SI November 30, 1996)
 - iv. Cumulative production as of 8/1/04: 140,235 BO 1,521,428 MCF
 - v. To be evaluated for recompletion when further production trend information is available from State L3.

NMOCD Administrative Application Citation Oil & Gas Corporation -Page 4-

CURRENT REQUEST

By this application, Citation requests approval to add the State "L" Well No. 3, located 660 feet FSL and 1980 feet FEL of Irregular Section 1, T21S, R35E, Lea County, New Mexico, as an exception to the "well density" provisions of Rule 3(C) for this pool.

REASONS FOR REQUEST WITH SUPPORTING DATA

In accordance with Rule 4(C)(b)(2), Citation submits the following:

- (a) Explanation:
 - a. The State "L" Well No. 3 will, recover Eumont gas that will not be recovered by the other three wells within this GPU (State "L" Wells No. 1, 2, and 2-Y).
 - b. Citation estimates that 248,672 mcf of additional gas will be recovered from the State "L" Well No. 3. See Exhibit 11.
 - c. Citation calculates that will not have adverse affect upon off-setting production for the Eumont since there are no offset gas wells directly adjacent to the State L3.
- (b) Land plat. See Exhibit 2 attached
- (c) Well information for GPU. See above
- (d) Section 1 showing all Eumont wells. See Exhibit 1 attached
- (e) Engineering and Geological Discussion and Exhibits

i. See Engineering summary attached as Exhibit 4-A ii. Including Exhibit 4-B through Exhibit 15

NMOCD Administrative Application Citation Oil & Gas Corporation -Page 5-

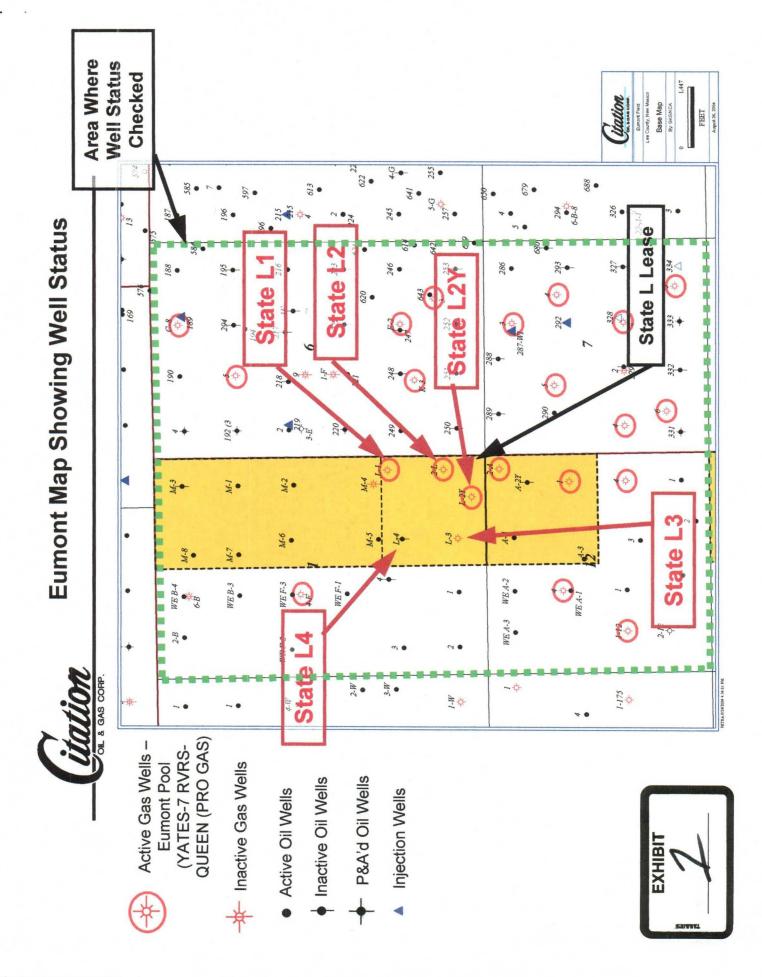
NOTICE REQUIREMENTS

19 (19 May

Copies of the application and notice letter (See Exhibit 16-A) were sent certified mail-return receipt requested to the parties listed set forth in Exhibit 16-B.

Respectfully submitted, Thomas Kellahin

Cc: Citation Oil & Gas Corp. Attn: Charlie Adams (PE)





NEW MEXICO EN....KGY, MINERALS & NATURAL RESOURCES DEPARTMENT

Eument fiert

OIL CONSERVATION DIVISIO 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

February 16, 1998

Citation Oil & Gas Corporation 8223 Willow Place South - Suite 250 Houston, Texas 77070-5623 Attn: Debra Harris

Administrative Order NSL-3949(SD)

Dear Ms. Harris:

Reference is made to your application dated January 16, 1998 for an unorthodox Eumont gas well location within an existing non-standard 160-acre gas spacing and proration unit ("GPU") for said Eumont Gas Pool comprising the SE/4 of irregular Section 1, Township 21 South, Range 35 East, NMPM, Lea County, New Mexico. Said GPU was established by Division Order No. R-520, dated August 12, 1954 and currently has dedicated thereon the State "L" Well No. \mathcal{J} (API No. 30-025-03390) located at an unorthodox gas well location 990 feet from the South line and 330 feet from the East line (Unit X) of said irregular Section 1 (see letter of approval dated December 30, 1954).

It is our understanding that the subject well in this application, the State "L" Well No. 2-Y (API No. 30-025-03393), located at a standard oil well location 330 feet from the South line and 990 feet from the East line (Unit X) of said irregular Section 1, was drilled to and completed within the Eumont Gas Pool in 1955. Since that time the State "L" Well No. 2-Y has been classified an "oil well." Recently however this well was reclassified to a Eumont "gas well" and pursuant to Rule 2(b)4 of the "General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Eumont Gas Pool," as promulgated by Division Order No. R-8170, as amended, said gas well location is considered to be unorthodox.

The subject application has been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division and the appropriate provisions of said special Eumont Gas Pool rules.

By authority granted me under the provisions of Rule 2(d) of said special pool rules for the Eumont Gas Pool and Division General Rule 104.F(2) the above-described unorthodox Eumont gas well location for said State "L" Well No. 2-Y is hereby approved.

Citation Oil & Gas Corporation is hereby authorized to simultaneously dedicate Eumont Gas production from both the State "L" Well Nos. 2 and 2-Y. Furthermore, you are hereby permitted to produce the allowable assigned the subject GPU from both wells in any proportion.

Sincerely,

notenberry .ori Wrotenbery Director

VC: DH, TC, CM, TR, FF, WFS

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs New Mexico State Land Office - Santa Fe



NEW MEXICO ENERGY, MIN_RALS and H NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary

July 30, 2001

Lori Wrotenbery Director Oil Conservation Division

EXHIBIT

Citation Oil & Gas Corporation 8223 Willow Place South Houston, Texas 77070-5623 Attention: Debra Harris

Administrative Order NSL-3949-A(SD)

Dear Ms. Harris:

Reference is made to the following: (i) your application submitted to the New Mexico Oil Conservation Division ("Division") on February 8, 2001; and (ii) the Division's records in Santa Fe, including the files on Division Administrative Order NSL-3949(SD): all concerning Citation Oil & Gas Corporation's ("Citation") requests for an unorthodox Eumont infill gas well location within an existing non-standard 160-acre gas spacing and proration unit ("GPU") for the Eumont Gas Pool comprising the SE/4 of irregular Section 1, Township 21 South, Range 35 East, NMPM, Lea County, New Mexico.

The rules and procedures currently governing the Eumont Gas Pool include but are not necessarily limited to:

(i) the "Special Rules and Regulations for the Eumont Gas Pool," as promulgated by Division Order No. R-8170, as amended;

(ii) Division Rule 605.B;

(iii) Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999;

(iv) Rule 1207.A (2); and

(v) the amended Stipulated Declaratory Judgement of the First Judicial District Court in Santa Fe County, New Mexico issued on July 11, 2001 in Hartman vs. Oil Conservation Division, Cause No. D-0101-CV-9902927 ("Stipulated Declaratory Judgement").

The subject 160-acre GPU was established by Division Order No. R-520, dated August 12, 1954 and currently has dedicated thereon the following two wells:

(1) State "L" Well No. 2 (API No. 30-025-03390), located at an

Oil Conservation Division * 1220 South St. Francis Drive * Santa Fe, New Mexico 8 Phone: (505) 476-3440 * Fax (505) 476-3462 * http://www.emnrd.state.nm.us

Administrative Order NSL-3949-A(SD) Citation Oil & Gas Corporation July 30, 2001 Page 2

> unorthodox gas well location (see letter of approval dated December 30, 1953) 990 feet from the South line and 330 feet from the East line (Unit X) of Section 1; and

(2) State "L" Well No. 2-Y (API No. 30-025-03393), located at an unorthodox gas well location [approved by Division Administrative Order NSL-3949(SD), dated February 16, 1998]] 330 feet from the South line and 990 feet from the East line (Unit X) of Section 1.

By the authority granted me under the provisions of these rules, regulations, and directives, the following described well, located at an unorthodox Eumont gas well location in Section 1, is hereby approved:

State "L" Well No. 1 2310' FSL & 330' FEL (Unit Q) (API No. 30-025-12720)

Also, Citation is hereby authorized to simultaneously dedicate Eumont gas production from the State "L" Well No. 1 with the State "L" Wells No. 2 and 2-Y. Furthermore, Citation is hereby permitted to produce the allowable assigned the subject 160-acre GPU from all three wells in any proportion.

All provisions applicable to the subject GPU in Division Administrative Order NSL-3949 (SD) shall remain in full force and affect until further notice.

Jurisdiction of this matter shall be further retained for the entry of any such subsequent orders, as the Division may deem necessary.

Sincerely,

Lori Wrotenbery Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs New Mexico State Land Office - Santa Fe File: NSL-3949(SD)



Eumont Field – Lea Co., NM State L3 – NMOCD Administrative Application for a "Well Density" Exception to Order R-8170-P Yates/7 Rivers/Queen Zones

September 1, 2004

SUMMARY

Citation Oil & Gas Corp. respectfully requests that the Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department approve our application allowing for the production of the State L3 as a gas well in the Eumont field in the Yates/7 Rivers zones. The request is based on our contention that the well will serve to increase the recoverable hydrocarbons from the zones thus eliminating waste. This is based on past performance of similar work on the State L lease and the early results of the recent recompletion of the State L3.

DISCUSSION

The following exhibits are included in support of our application:

Exhibit 1 – Location and Lease Map Exhibit 2 – Administrative Order NSL-3949 (SD) dated February 16, 1998 Exhibit 3 – Administrative Order NSL-3949-A (SD) dated February 16, 2002 Exhibit 4-A Technical summary Exhibit 4 –B State L Lease Production History Plot Exhibit 5 – State L Lease – Production Data for June, 2004 Exhibit 6 & 7 – State L Lease – Individual Well Histories Exhibit 8 – State L3 Log with Perforations Shown Exhibit 9 – State L3 – Wellbore Diagrams Exhibit 10 – State L3 – Morning Reports Showing Gas Rates after Recompletion Exhibit 11 – State L3 – Estimated Gross Recoverable Gas Reserves from Recompletion Exhibit 12 – Estimated Analog Reserves from Similar Work in State L1 and L2 Wells Exhibit 13 – Pressure History of State L Lease and Recent Shut-in Bottom Hole Pressures Exhibit 14 – Pressure History of Offset Wells Exhibit 15 – Analog Information from the Devonian State Lease Operated by Citation

Reserve Addition Discussion

Based on the pressure data in Exhibit 13 (24 Hour SI estimated bottom hole pressures of 25 psig) recorded in September of 2000 and again in 2001, the subject reservoirs are in an advanced stage



of depletion. The initial reservoir pressure was approximately 1200 psig. This indicates that conventional P/Z information is not useful for the estimation of remaining reserves.

Further, Exhibits 13 and 14 show the shut-in tubing pressure history for the State L3 and Citation's other westerly leases in the area and a number of offset wells. These plots indicate the commonality of the reservoirs across the leases and lease boundaries and the advanced stages of depletion of these reservoirs.

Exhibit 4 illustrates the full production history of the State L3 lease. It indicates a substantial improvement in production rates as workovers were done in the lease, specifically the fracture stimulation of State L2 in 1996 and the perforating and fracture stimulation of the State L1 in 2000. Exhibit 4 also shows the extrapolations of production behavior following each workover which supports a substantial addition of reserves to the Unit as a result of this work.

Based on this behavior, we have estimated and based our cash flow projections for the State L3 on gross reserves of 249 MMCF. This estimate is detailed in Exhibit 11 and is based on the analog behavior shown by the State L1 and L2 workovers as well as the initial test production rates from the State L3. The estimated increase in reserves seen from these wells is shown in Exhibit 12 and is approximately 429 MMCF for L2 and 225 MMCF for L1.

It should also be noted that we would like to maintain the State L4 in a TA'd status to evaluate the potential for a similar workover to that done in the State L3. We would like to continue to gather production trend information from the State L3 prior to making a decision on the State L4.

Therefore, we believe that the recent recompletion of the State L3 will allow the recovery of addition unique gas reserves that would be left in the reservoir without the completion of this work.

CONCLUSION

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Based on the above, Citation believes that the recompletion of the State L3 will result in reserves being recovered that would otherwise be left in the reservoir. Thus, the project will prevent waste.

X Clillans

Date: September 1, 2004

K. C. (Charlie) Adams Reservoir Engineering Manager Citation Oil and Gas Corp.

titution or a gas corp.



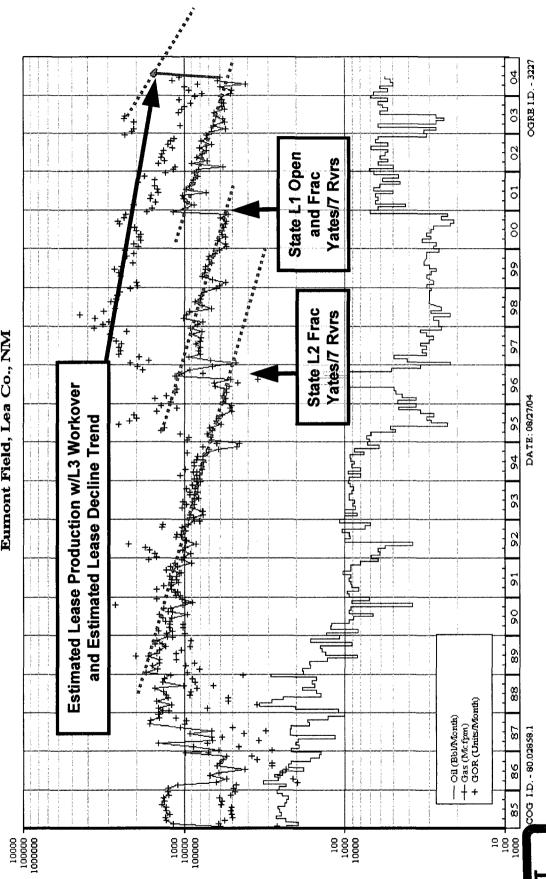


EXHIBIT 4-3

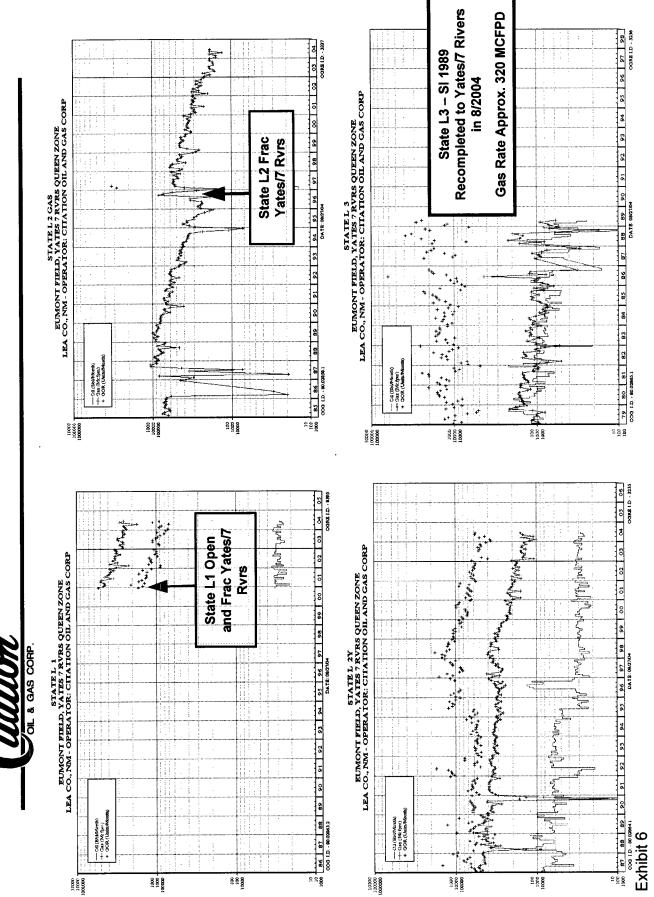
Citation OIL & GAS CORP.

. . . .

Citation Eumont 6/2004 Production

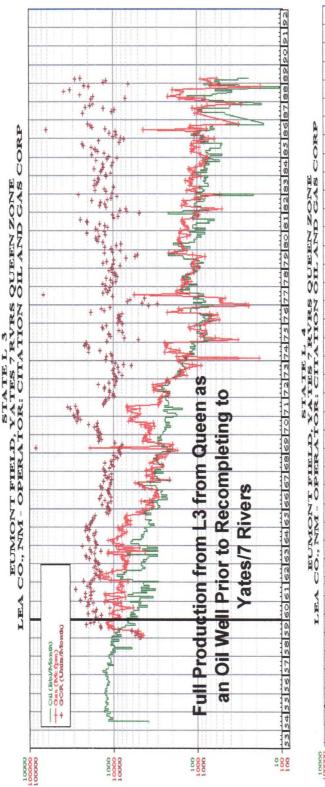
New Mexico Field Names and Numbers 22800 EUMONT;YATES-7 RVRS-QUEEN (OIL) 76480 EUMONT;YATES-7 RVRS-QUEEN (PRO GAS) 23000 EUNICE MONUMENT;GRAYBURG-SAN ANDRES Data for Fields from 6/2004 COG NM Form C-115

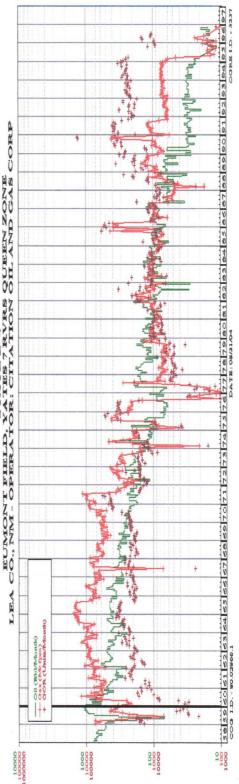
| Notes | 30 8/24/2004 Subject of New Application | 30 8/24/2004 Subject of New Application | 0 8/24/2004 Recompl. 8/2004 | 14 | 30 8/24/2004 Subject of New Application |
|------------------------------|---|---|-----------------------------|---------------------|---|
| Date Pulled |) 8/24/200 | 8/24/200 | 8/24/200 | 8/24/2004 | 8/24/200 |
| Days On | 30 | 30 | 0 | 0 | 30 |
| Water BWPM | 26 | 26 | 0 | 0 | 11 |
| GOR | 91,821 | 56,393 | I | 1 | I |
| Gas Sold MCFPM | 2367 | 1454 | 0 | 0 | 1711 |
| Gas MCFPN | 2571 | 1579 | 0 | 0 | 1858 |
| 0il BOPM | 28 | 28 | 0 | 0 | 0 |
| Status | PR | PR | TA | SR | PR |
| Internal Well Type | IJ | 0 | 0 | 0 | Ð |
| Field and Pool # | 76480 G | 76480 0 | 22800 0 | 22800 0 | 76480 G |
| WcIName | STATE L 1 | STATE L 2Y | STATE L 3 | STATE L 4 | STATE L 2 GAS |
| COG WellD | 5/1/2004 80.02863.2 STATE L 1 | 6/1/2004 80.02864.1 | 6/1/2004 80.02865.1 | 0/1/2004 80.02866.1 | 6/1/2004 80.02858.1 |
| Month of COG Prod. WellIC | 6/1/2004 | 6/1/2004 | 6/1/2004 | 6/1/2004 | 6/1/2004 |

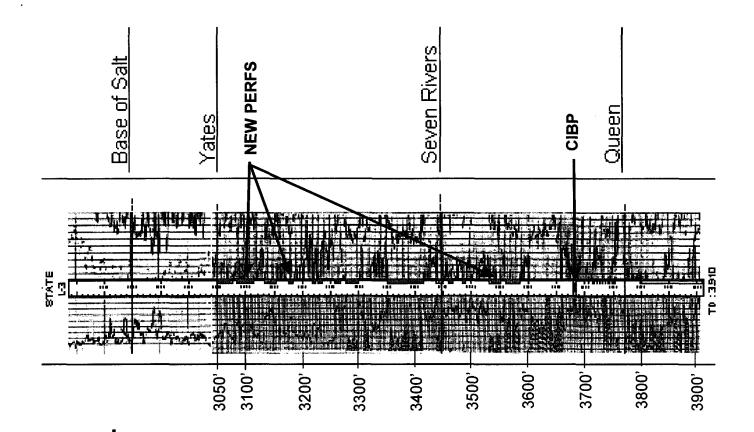


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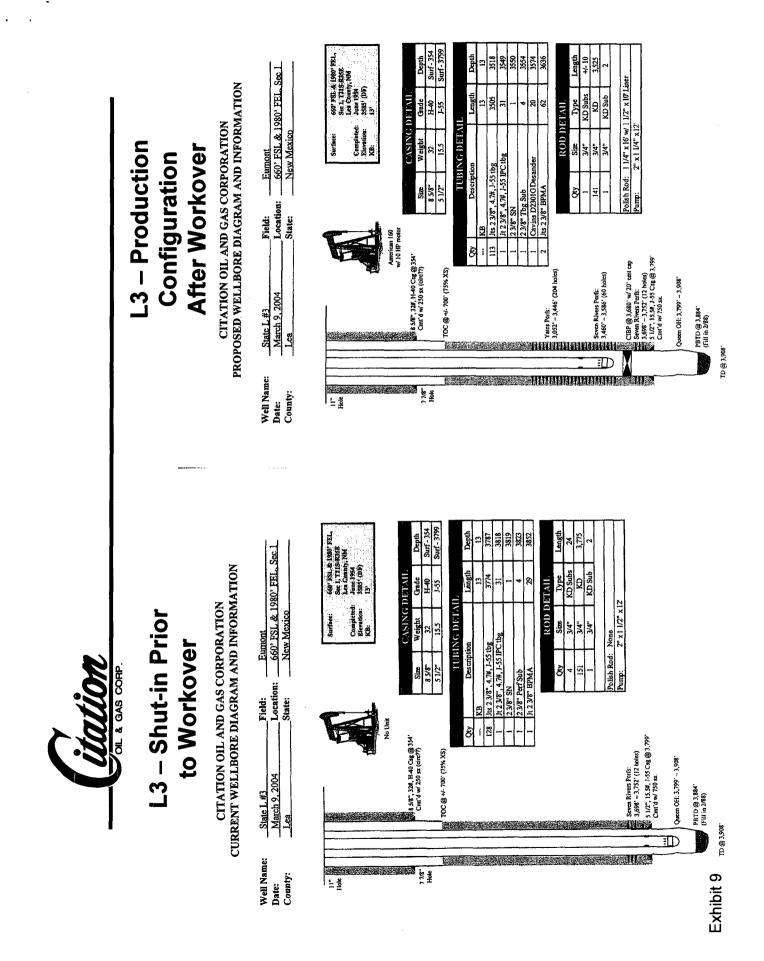






State L3

Gamma Ray Neutron Log with New Completion Details



| W LA <u>STATE L 3</u> EUMONT FIELD LEA COUNTY, NM OAP and Frac | o Z | Morning R | Morning Reports with Estimated Gas Rates | Capbudger#: AFE#: 0403555 AFE Cost: \$25 COG WI: STATUS: A | # 10/ 355 \$295,000 100 % |
|--|---------|---|--|--|------------------------------------|
| 8/24/2004 | Day: 25 | | Present Operation: Pumping to battery | | |
| | | 8/23/04 24 hrs Pmp'd 0 Pl 3000 - 4240 | 8/23/04 24 hrs Pmp'd 0 BO, 2 BW 319 MCF FAP = 221' (foam?), TP = 200#, CP = 11# , 20 Mrr = 13.46 | (foam?), TP = 200: | ⊧, cP = 11# , |
| | | DLWIR = 1240 Lease Productio DC: \$0 | ыститк = 1246 Lease Production: 17 BO, 270 BW, 582 MCF DC: \$0 CC: \$335,620 | Ë | PBTD; |
| 8/25/2004 | Day: 26 | ~ | Present Operation: Pumping to battery | | |
| | | 8/24/04 24 hrs Pmp'd 1 | 8/24/04 24 hrs Pmp'd 1 BO, 4 BW 326 MCF FAP - NA, TP = 200#, CP = 11# , BLWTR | TP = 200#, CP = 1 | 1# , BLWTR = |
| | | 1.244 Lease Productio DC: \$0 | 1244 Lease Production: 16 BO, 272 BW, 589 MCF DC: \$0 CC: \$335,620 | Ë | PBTD; |
| 8/26/2004 | Day: 27 | ~ | Present Operation: Pumping to battery | | |
| | | 8/25/04 24 hrs Pmp'd 0. 51 %40 - 4000 | 8/25/04 24 hrs Pmp'd 0.5 BO, 5 BW [313 MCF] FAP - 310' (foam), TP = 200#, CP = 7# , |)' (foam), TP = 200; | ;+,CP=7#, |
| | | BLWIR = 1239 Lease Productio DC: \$0 | BLWIK = 1239 Lease Production: 17 BO, 273 BW, 580 MCF DC: \$0 CC: \$335,620 | Ë | PBTD: |
| 8/27/2004 | Day: 28 | ** | Present Operation: Pumping to battery | | |
| | | 8/26,04 24 hrs Pmp'd 0 18# , BLWTR = Lease Productio | 8/26/04 24 hrs Pmp'd 0 BO, 0 BW, <mark>167 MCF, F</mark> L @ 86 JFS, FAP - 798', TP = 110#, CP = 18# , BLWTR = 1239 (<u>Comp dn 16 hrs - wtr temp</u>) Lease Production: 10 BO, 250 BW, 303 MCF (Comp dn 16 hrs - wtr temp) | :S, FAP - 798', TP =) omp dn 16 hrs - wtr | = 110#,CP = temp) |
| | | Note: \$6,000 ad unit hase | Note: \$6,000 added for moving & setting pumping unit, wrist pin repair & pumping unit hase | g unit, wrist pin rep: | iir & pumping |
| | | DC: \$6.000 | CC: \$341.620 | L | DRTD. |

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| (itation | OIL & GAS CORP. |
|----------|-----------------|
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State L3 - Recompletion to Yates/7 Rvrs Estimated Potential Reserves

| (Test Rates Approx. 320 MCFPD when compressor running) | | | |
|--|---------------|---------|----------------|
| 250 MCFPD | | 7 MCFPD | 30% per Annum |
| Initial Rate = | Est. Economic | Limit = | Est. Decline = |

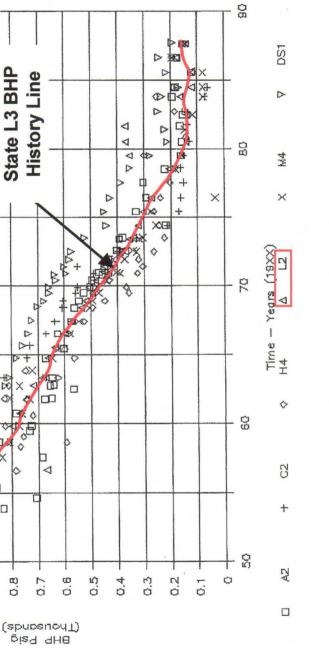
Remaining Reserve = Q = -365 X (qi - qf) / ln (1 - D) qi = Initial Rate per Day qf = Final Rate per Day D = Decline Rate (fraction)

Q = 248,672 MCF

| | After L1 Work was Complete (from Lease Production Plot) : | Remaining Reserves Prior to L1 | Qa = 403,958 MCF | Cum Prod from 12/2000 to 8/2004 (L3 Work): Ca = 321,980 MCF | Initial Rate = 181 MCFPD Est. Economic 14 MCFPD | 31 | Remaining Reserve = Q = - 365 X (qi - qf) / In (1 - D) | Qb= 307,009 MCF - Remaining Lease Reserve PRIOR to L1 Work | Change in Reserves from Work on L1 in 2000: | Delta Q = (Qb + Ca) - Qa | Therefore, Delta Q = <u>225,030</u> MCF (from L1 Work) | | Summary of Gross Gas Reserve Additions: | Reserves Added by State L2 Frac – 429 MMCF Reserves Added by State I 1 Open Yates & 7 | Rivers/Queen – 225 MMCF | |
|-----------------|--|---|--------------------------|---|--|--|---|---|---|--------------------------|--|--|---|--|--------------------------|--|
| OIL & GAS CORP. | Reserve Adds from Recompletion and/or Stimulation of L2 and L1 | From Lease Production History Prior to L2 Work (9/96) | Initial Rate = 181 MCFPD | Est. Economic Limit = 14 MCFPD Est. Decline = 16% per Annum | Remaining Reserve = Q = - 365 X (qi - qf) / In (1 - D) | Qa = 349,606 MCF - Remaining Lease Reserve PRIOR to L2 Work | After L2 Work was Complete (from Lease Production Plot) : | Cum Prod from 9/96 to 12/2000 (L1 Work): Ca = 374,900 MCF | Initial Rate = 181 MCFPD Est Economic | | Est. Decline = 14% per Annum | Remaining Reserve = Q = - 365 X (qi - qf) / In (1 - D) | Qb= 403,958 MCF - Remaining Lease Reserve PRIOR to 11 Mork | | Delta Q = (Qb + Ca) - Qa | Therefore, Delta Q = <u>429,252</u> MCF (from L2 Work) |

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9/21/2000 – BHP Est. 25 psig 9/12/2001 – BHP Est. 25 psig

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Recent Pressure Data – Est.

Eumont Average Yates Pressures

GAS CORP

4.1 ri. N

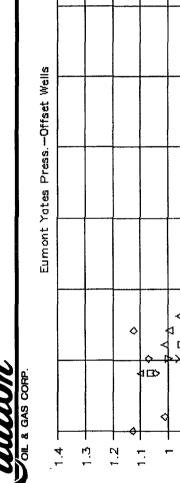
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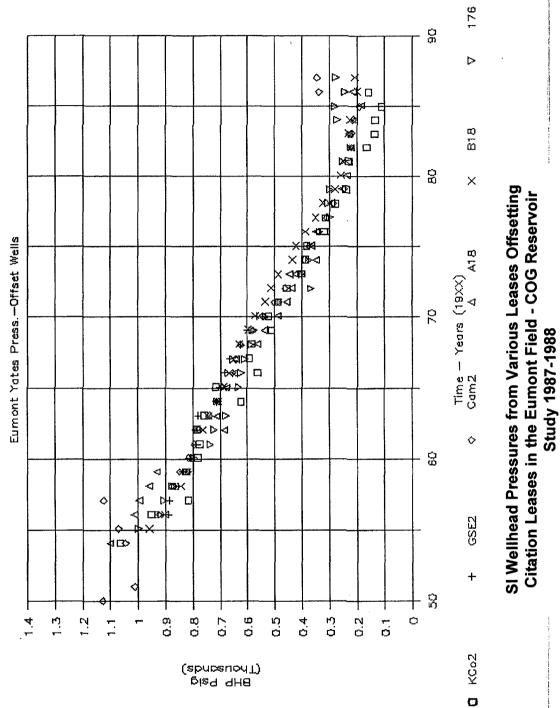
from 24 Hour Surf. SI

Pressures

SI Wellhead Pressures from Various Citation Leases in the Eumont Field - COG Reservoir Study 1987-1988

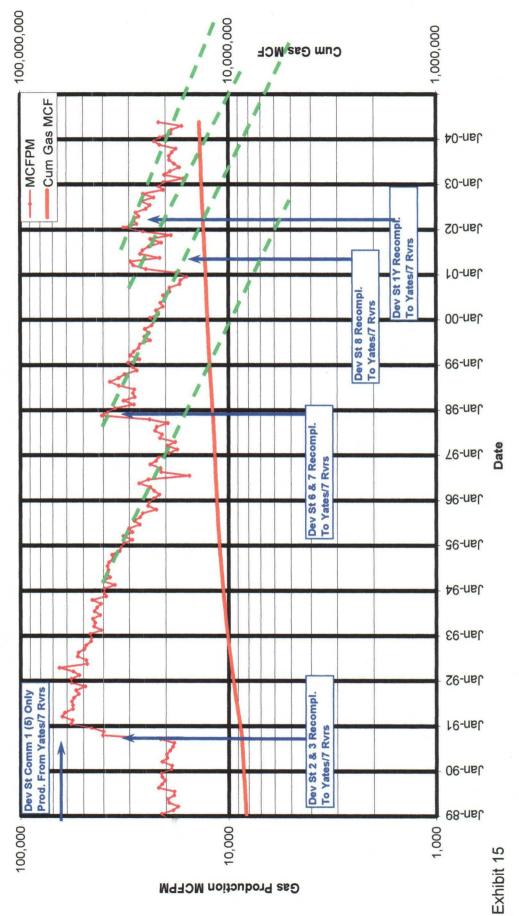
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Note that, after each drainage point addition, the extrapolation (green dashed lines) of the production trends show a significant increase in gas reserves from the lease as a result of the work.

CITATION OIL & GAS CORP. STATE "L" LEASE

Application for Simultaneous Decdication of Acreage Eumont Yates Seven Rivers Queen (Pro Gas) Pool SE Sec. 1, T21S, R35E Lea County, New Mexico

SURFACE OWNER

State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, NM 87504-1148 Surface Owner Sec. 1, T21S, R35E

OFFSET OPERATORS

Amerada Hess Corp. Drawer D Monument, NM 88265

Chevron USA, Inc. P.O. Box 1150

Midland, TX 79702 Unichem International, Inc.

P.O. Box 1499 Hobbs, NM 88240 Sec. 1, T21S, R35E, Unit N, SE SW Unit K, NE SW & Unit C, NE NW

Sec. 6, T21S, R36E; Unit L, NW SW & Unit M, SW SW Sec. 7, T21S, R36E; Unit D, NW NW

Sec. 6, T21S, R36E; Unit L, NW SW



KELLAHIN & KELLAHIN Attorney at Law

W. Thomas Kellahin Recognized Specialist in the Area of Natural Resources-oil and gas law-New Mexico Board of Legal Specialization P.O. Box 2265 Santa Fe, New Mexico 87504 117 North Guadalupe Santa Fe, New Mexico 87501

Telephone 505-982-4285 Facsimile 505-982-2047 kellahin@earthlink.net

September 2, 2004

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

NOTICE OF THE FOLLOWING NEW MEXICO OIL CONSERVATION DIVISION ADMINISTRATIVE CASE:

TO ALL PARTIES ON NOTICE LIST

Re: Administrative Application of Citation Oil & Gas Corp. for approval of a "well density" exception to Order R-8170-P for the SE/4 of Section 1, T21S, R35E, Lea County, New Mexico.

Dear Party:

On behalf of Citation Oil & Gas Corp, please find enclosed a copy of its referenced administrative application. If you have no objection, then there is nothing for you to do. If you are willing to waiver objection, please sign this letter as indicated and return it to me. However, should you have any objection to the Division approving this application, then it will be necessary for you to file a written objection with the New Mexico Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within twenty (20) days of the date of this letter. Failure to file a timely objection will preclude Yates from objecting at a later date.

W. Thomas Kellahin

WAIVER OF OBJECTION:

| By: | with authority for |
|------------------|--------------------|
| and on behalf of | |
| Date: | |

15

Stogner, Michael

From: Thomas Kellahin [kellahin@earthlink.net]

Sent: Monday, October 11, 2004 12:28 PM

To: Michael E. Stogner

Cc: Sharon Ward

Subject: Citation

Re: Citation Administrative Application Well Density for SE/4 Sec 1, T21S, R35E Eumont Gas Pool Filing date September 3, 2004

Citation has requested a status report for the referenced application. Regards, WTK

This email has been scanned by the MessageLabs Email Security System. For more information please visit http://www.messagelabs.com/email

| Submit 5 Copies Appropriate District Office <u>DISTRICT 1</u> P.O. Box 1980, Hobbs, NM 88240 <u>DISTRICT 11</u> | | Minerals and Na | 2 A | ces Depa | | | Form C-1 Revised 1 See Instru- at Bottom | -1-89 Ictions |
|--|--|---|---------------|------------------------------|---|------------------------------|---|------------------|
| P.O. Drawer DD, Anesia, NM 88210 <u>DISTRICT III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 | | anta Fe, New M | lexico 875 | | ZATION | | | |
| I. Operator Citation Oil & Gas | | ANSPORT OI | L AND NA | TURAL GA | | API No. 30-025- | | |
| Address | <u>corp.</u> | | | | | 50-025- | 03391 | |
| 8223 Willow Place Reason(s) for Filing (Check proper box) New Well Recompletion Change in Operator If change of operator give name | Change | iO Houston, in Transporter of: Dry Gas Dry Gas Condensate | D Ou Bffe | er (Please explo ctive 2- | 1-92 G | | sporter o sporter o | change change |
| and address of previous operator | | | <u></u> | | | | | - <u>.</u> |
| II. DESCRIPTION OF WELL Lease Name State L Location | | Pool Name, Includ | tes 7 R | | en State, | of Lease Restorat readers | B-140 | |
| Unit LetterW 1 Section 21S Townshi | | Range | | e and <u>19</u> | <u>ov </u> | | <u>East</u> Lea | Line |
| III. DESIGNATION OF TRAN Name of Awhonized Transponer of Oil EOTT Oil Pipeline Co | Experies | DIL AND NATU | Address (Gi | | | | rm is 10 be sent 77210-466 | |
| Name of Authorized Transporter of Casin GPM Gas Corporation | ghead Gas 🔂 | or Dry Gas | Bartles | ville, O | klahoma | 74004 | rm is to be sent. |] |
| If well produces oil or liquids, give location of tanks. Same | Unit Sec. | <u>i</u> | It gas actual | | When | · | |] |
| If this production is commingled with that IV. COMPLETION DATA | · | | | | | | | |
| Designate Type of Completion | - (X) | II Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v | Diff Res'v |
| Date Spudded | Date Compl. Ready I | io Prod. | Total Depth | | L | P.B.T.D. | ······································ | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing F | omation | Top OiVGas | Pay | | Tubing Dept | h | · · · · |
| Perforations | | | • | | | Depth Casing | Shoe | |
| | | , CASING AND | CEMENTI | | 0 | | | |
| HOLE SIZE | CASING & T | UBING SIZE | <u> </u> | DEPTH SET | | s | ACKS CEMEN | <u>T</u> |
| | | | | | | | | |
| | | · · · · | | | | | | <u>·</u> |
| V. TEST DATA AND REQUES OIL WELL (Test must be after r | ST FOR ALLOW ecovery of solal volume | | he equal to | exceed ton all. | wable for this | depth or he f | w full 74 hours | |
| Date First New Oil Run To Tank | Date of Test | oj iouz de una musi | | sthod (Flow, pu | | | <u>, jui 14 nou 3.</u> | |
| Length of Test | Tubing Pressure | [.] | Casing Press. | R. | | Choke Size | | |
| Actual Prod. During Test | Oil - Bbls. | | Water - Bbis | | | Gas-MCF | | |
| GAS WELL | | | L | | | · | | I |
| Actual Prod. Test - MCF/D | Length of Test | | Bbls. Cooden | sate/MMCF | | Gravity of Co | Dedensile | |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shu | l-in) | Casing Press | re (Shut-in) | | Onoke Size | . <u> </u> | |
| VI. OPERATOR CERTIFIC. I hereby certify that the rules and regula Division have been complied with and t is true and complete to the best of my k | tions of the Oil Conser that the information give | vation | | AppBINE | | T SUCCESSION | DIVISION | |
| Signature Sharon Ward Pr | rod. Reg. Su | / | By_ | ORIGINI | L SIGNED | NOV | 3 0 1993 | <u> </u> |
| Printed Name 11-9-93 | 713 | Tille 3-469-9664 | Title. | | | SUPERVISO | | |
| Date | Tele | phone No. | | | | | | |

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2) All sections of this form must be filled out for allowable on new and recompleted wells.
3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
4) Sectors Earn C-104 must be filed for each pool in multiply completed wells.

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

| Submit 5 Copies Appropriate District Office <u>DISTRUCT 1</u> P.O. Box 1980, Hobbs, NM 88240 <u>DISTRUCT II</u> P.O. Drawer DD, Anesia, NM 88210 <u>DISTRUCT II</u> | OIL CO | erals and Nat NSERVA | TION I 0x 2088 | DIVISIO | | | Form C Revised See Inst at Botto | 1-1-89 |
|---|--|-------------------------|------------------------------|--|--|----------------------------|---|------------|
| 1000 Rio Brazos Rd., Azzec, NM 87410 I. | REQUESTFOR | ALLOWAE | | | AS | | | |
| Operator Citation Oil & Gas | Corp. | | | | Well A | 01 No. 30-025- | 03391 | |
| Address 8223 Willow Place | South Ste 250 | Houston | Towas 7 | 7070 | | | | |
| Reason(s) for Filing (Check proper box) New Well Recompletion Change in Operator | Change in Tra Oil X Dry | asporter of: | Effec | er (Please explanation of the control of the contro | 1-92- G | | - | |
| If change of operator give name and address of previous operator | | | | | | | | |
| II. DESCRIPTION OF WELL | ANDIFASE | | | | | | | |
| Lease Name | | ol Name, Includi | ing Formation | | | of Lease | _ | ase No. |
| State L | 3 1 | Eumont Ya | tes 7 Ri | vers Que | en State, | National 200579 | B-14 | 00 |
| Location | · 660 Fee | | | . 10 | en _ | | Teet | |
| Unit LetterW | : 000 Fee | et From The <u>So</u> | <u>outn lio</u> | e and19 | <u>00 </u> | et From The _ | East | Line |
| 1 Section 215 Townsh | úp <u>35E Ra</u> | oge | <u>, N</u> | MPM, | | | Lea | County |
| T DESIGNATION OF TOAN | SCROPTER OF OU | | | | | | | |
| II. DESIGNATION OF TRAN Name of Authorized Transporter of Oil | or Condensate | | | e address :0 wh | ich approved | copy of this fo | orm is to be set | น) |
| EOTT Oil Pipeline Co | | | | ox 4666 H | | | | |
| Name of Authorized Transporter of Casin | nghead Gas 🔂 or l | Dry Gas | Address (Giv | e address :o wh | ich approved | copy of this fo | rm is to be set | u) |
| GPM Gas Corporation | | - <u></u> | | ville.0 | | | | |
| lf well produces oil or liquids, ive location of tanks. Same | Unit Sec. Tw | p. Kge. I | Is gas actuall | connected? | When | ? | | |
| f this production is commingled with that | from any other lease or pool | , give commingl | ing order num | xr. | | | | |
| V. COMPLETION DATA | | | - | | | | | |
| Designate Type of Completion | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v | Diff Res'v |
| Designate Type of Completion | Date Compl. Ready to Pro | L | Total Depth | · | | P.B.T.D. | | I |
| | | - | | | | F.B.I.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Forma | lion | Top Oil/Gas | 5 ₂ y | ······ | Tubing Dept | h | ····· |
| | | | | | | | | |
| Periorations | | | | | | Depth Casing | g Shoe | |
| | TUBING, CA | SING AND | CEMENTI | VG RECOR | <u> </u> | l | | |
| HOLE SIZE | CASING & TUBIN | | | DEPTH SET | | l s | ACKS CEME | NT |
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| . TEST DATA AND REQUES | ST FOR ALLOWABI | Æ | [| | <u> </u> | <u>!</u> _ | | |
| | recovery of total volume of lo | | be equal to or | exceed top allo | wable for this | depth or be f | or full 24 hour | s.) |
| Date First New Oil Run To Tank | Date of Test | | Producing Me | thod (Flow, pu | mp, gas lift, e | ic.) | | |
| | | | Carles Dave | | | Choke Size | | |
| eagth of Test | Tubing Pressure | | Casing Press. | re - | | CHORE SIZE | | |
| Actual Prod. During Test | Oil - Bhls. | | Water - Bbis | | | Gas- MCF | | |
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| | 1 | | L | | | ÷ | | |
| GAS WELL | <u></u> | | L | | <u> </u> | · · · | | |
| | Length of Test | | Bbis. Cooden | uu/MMCF | | Gravity of C | 314103000 | <u></u> |
| Actual Prod. Test - MCF/D | | | | | | | 000000000 | |
| Actual Prod. Test - MCF/D | Length of Test Tubing Pressure (Shui-in) | | Bbls. Cooden Casing Press | | | Gravity of C Choke Size | OB GED SALE | |
| Actual Prod. Test - MCF/D esting Method (pilot, back pr.j | Tubing Pressure (Shuz-in) ATE OF COMPLIA ations of the Oil Conservation that the information given ab | 0 | Casing Press | | SERV | Choke Size | | N |
| Division have been complied with and is true and complete to the best of my l Shandaha | Tubing Pressure (Shuz-in) ATE OF COMPLIA ations of the Oil Conservation that the information given ab | 0 | Casing Press | re (Shui-to) DIL CON Appt:0ver | | Oroke Size | DIVISIO | |
| Actual Prod. Test - MCF/D esting Method (puor, back pr.) A. OPERATOR CERTIFIC I hereby certify that the rules and regul Division have been complied with and is true and complete to the best of my b Shand Signature Sharon Ward P | Tubing Pressure (Shut-in) PATE OF COMPLIA ations of the Oil Conservation that the information given ab knowledge and belief. | a ove | Casing Pressu (Date | re (Shui-io) DIL CON Appriover | AL S'GNT | ATION [NOV | DIVISIO | |
| Actual Prod. Test - MCF/D esting Method (puor, back pr.) /I. OPERATOR CERTIFIC I hereby certify that the rules and regul Division have been complied with and is true and complete to the best of my h Shanda Signature | Tubing Pressure (Shut-in) CATE OF COMPLIA ations of the Oil Conservation that the information given ab knowledge and belief. | a ove | Casing Pressu (Date | re (Shui-io) DIL CON Appriover | AL S'GNT | Oroke Size | DIVISIO | |

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INSTRUCTIONS: This form is to be filed in compliance with Rule 1104 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

2) All sections of this form must be filled out for allowable on new and recompleted wells.
3) Fill out only Sections I. II. III, and VI for changes of operator, well name or number, transporter, or other such changes.
4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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|-----------|---|---------------------------------------|---|---|
| | STANDARD CALS STANDARD | OIL CONSERVA | TION DIVISION | Jarn C-104 Revised 10-1-38 |
| 1 | | r. o. bo | X 2088 | ŕ. |
| | *N.E | SANTA FE, NEW | MEXICO 87501 | • • • |
| | | PEOUERT CON | 1 41 I Owen I | |
| | tonnersonren Dit 1 | | ۰ DV | |
| | | AUTHORIZATION TO TRANSP | PORT OIL AND NATURAL GAS | |
| | CITATION OIL & GAS CORPOR | RATION | | |
| | 16800 GREENPOINT PARK DR | IVE-SOUTH ATRIUM, SUITE 3 | 00, HOUSTON, TEXAS 7700 | 50-2304 |
| | Acason(s) for living (Corek proper box) New Yoll | Change in Transporter als | Giner [Pirai e espinin] . | |
| | Arcampirilan | · CII · Dr7 Cat | | . • |
| ! | Change in Ownershiph A | Cosinghood Can 🚺 Canden | •••• | |
| 1 | If change of ownership give none and address of previous owner | SHELL WESTERN E&P INC., P | . O. BOX 576, HOUSTON, TE | XAS 77001 |
| u., | DESCRIPTION OF WELL AND I | | • | • |
| | STATE L | 3 EUMONT VATES 7 | RIVERS OUEEN State, Federal | er F STATE |
| | Unit Letter W : 660 | For From The South Lin | | East |
| | Line al Section 01 7 | mahia 215 Roman | 35Е . учитич | <u>a</u> |
| . | DESIGNATION OF TRANSPORT | ER OF OIL AND NATURAL GA | | |
| ļ | SHELL PIPELINE CORPORATION | | P. Q. BOX 1910, MIDLAND | |
| | Name al Animarizes Transporter al Cas | menere Can Die Certer (DI VAL) | CP. O. BOX 5050, BARTLES | ca copy of this form is to be sent) |
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| | Designate Type of Completio | | | |
| • | Jone Lynnaws | DEL & CARRY IN PIRA. | Tami D+315 | ATT. |
| | | Name of Processing Furnition | Tes Cil/Gas Per | Training Depits |
| | Friterations | · | · · · · · · · · · · · · · · · · · · · | Lepth Casing Shee |
| | | TUBING, CASING, AND | CEMENTING RECORD | <u> </u> |
| ļ | HOLESIZE | CASING & TUBING SIZE | DEPTH SET | -SACKS CEMENT |
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| | | Tusing Presows (Shat-12) | Casing Presswe (Sbrt-18) | Chais Size |
| • | CERTIFICATE OF COMPLIANO | 22 | DIL CONSERVAT | ION DIVISION |
| | I hereby certify that the rules and r | | APPROVEDFE | B · 6 1987 |
| | Division have been complied with above in true and complete to the | | | D BY JERRY SEXTON |
| | ·/ | · · · • | TITLE | |
| - | Delira Ho | crus | If this to a sequest for siles | compliance with MULE 1194. Table for a newly drilled or deeps |
| - | Production Coord | • | I tests laken on the well in accou | |
| • | رتين 1/20/87; effecti | le) | able on new and recompleted we | |
| • | 1/20/87; effecti | | well name or number, or transport | I. III, and VI for changes of our er. or other such change of condit |
| | ••• | | I Semarata Yerma C-104 mus | t be filed for each pool in mult: |

and the second second

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| STATE OF NEW MEXICO | • | | | |
|---|--|--|---|-------------|
| CHERSY AND MILLEBALS DEPARTMENT | | | Form C-104 Revised 30-1 | -78 |
| | | ATION DIVISION | | • |
| | | W MEXICO 87501 | | |
| w t. w.t. | | | • | |
| L A WIT 117 PIC 8 | REQUEST FO | R ALLOWABLE | | |
| | - | ND | • | |
| I. PADRATION OFFICE | AUTHORIZATION TO TRANS | PORT OIL AND NATURAL (| SAS . | • |
| Cymrotod | • | | | , |
| Shell Western E&P | Inc, | | | |
| 200 North Dairy A | hford, P.O. Box 991, Ho | | | |
| Keesen(s) for filing (Check proper boo) Now Woll- | Change in Transporter als | Other (Pease capita | ···/ | |
| Recompision | | | | |
| Change in OwnershipX | Casinghrad Gas 🚺 Cande | | | |
| If change of ownership give name | Shell Oil Company, P.O. | Box 991, Houston, T | exas 77001 | |
| and address of previous awner | inerr orr company r ror | | | |
| IL DESCRIPTION OF WELL AND L. | EASE | | · | |
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| Lecotion | · | | ······· | |
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| | ship 215 · Range | 35E | Lea | _ |
| Line of Section UI T. m | ship CL. Range | Nupu, | | County |
| IL DESIGNATION OF TRANSPORT | | | | |
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| Mane of Authorized Transporter of Cash | igheed Gas 🛐 or Day Gas | | h approved copy of this form is so be | sent) |
| Phillips Pipeline Comp | | 4001 Penbrook St. | Odessa, Texas 79762 | |
| If well produces oil or liquida, s give location of tanks. | Unit Sec. Twp. Age. | is gas octually cannected? Yes | NA NA | |
| | No Change | | | |
| If this production is commingled with ". COMPLETION DATA | | | en | |
| Designate Type of Completion | - (X) Gut Well Gas well | New Well Warkover Dee | pen Plug Eack Same Res'v. | Diff. Rea* |
| | Date Compl. Ready to Prod. | Tatal Depth | P.a.T.D. | |
| | • • | | • | · · |
| Elevations (DF. RKB. RT. GR. etc.) | Name of Producting Formation | Top Oll/Gas Pay | Tubing Depth | |
| Perforations | | L | Depth Cesting Shee | |
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| | | CEMENTING RECORD | | |
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| V. TEST DATA AND REQUEST FO | ATTOWARTE Content has | ter recover of seal volume of l | and all and must be errol to or error | ed too allo |
| OIL WELL | · able for this de | pth or be for full 24 hours) | | |
| Date First New Oil Run Te Tanks | Deno of Teel | Producing Method (Flow, pump | gos lift, etc. | |
| Longth of Tool | Tubing Pressure | Casing Pressure | Choke Size | |
| | | | | |
| Actual Prod. During Test | Dil-Bhis. | Water-Bala | Gas-MCF | |
| L | | | | <u></u> |
| GAS WELL | | | · · · · | |
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| - Testing Weihed (pelat, back pr.) | white Process (SLat-La) | Casing Pressure (:but-in) | Chok= Size | |
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| .I. CERTIFICATE OF COMPLIANCE | 2 | DIL CONSE | RVATION DIVISION | • |
| | | | 3 1 1984 | |
| I hereby certify that the rules and rep Division have been complied with p | nd that the information given | APPROVEDAN | (| |
| above is true and complete to the I | est of my knowledge and belief. | - BY OBIGINAL SIG | T I SUPERVISOR | <u></u> |
| | pawa | TITLE | | |
| | \mathbf{N} | This form is to be fil | od in compliance with MULE 11 | |
| | · · | | | |
| | · · · · · · · · · · · · · · · · · · · | If this to a request for | s allowable for a newly drilled a commented by a fabulation of th | a despens |
| Attorney-in-Fact | | If this is a request for well, this form must be ac tests taken on the well in | compented by a fabulation of the accordance with MULE 111. | e devietia |
| Attorney-in-Fact | · | If this is a request for well, this form must be ac tests taken on the well in | compented by a fabulation of the accordance with AULE 111. Just must be filled out completely | e devietia |

| NO. OF COPIES RECEIVED | | Free C 100 |
|---------------------------|---|---|
| | | Form C-103 Supersedes Old |
| DISTRIBUTION | | C-102 and C-103 |
| SANTA FE | NEW MEXICO OIL CONSERVATION COMMISSION | Effective 1-1-65 |
| FILE | | |
| U.S.G.S. | | 5a. Indicate Type of Lease |
| LAND OFFICE | | State Fee |
| OPERATOR | | 5, State Oil & Gas Lease No. |
| LOO NOT USE THIS FORM FOR | IDRY NOTICES AND REPORTS ON WELLS PROPOSALS TO PRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVICIA. LATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.) | |
| OIL CAS WELL | OTHER- | 7. Unit Agreement Name |
| 2. Name of Operator | | 8. Farm or Lease Name |
| Shell Oil Company | | State L |
| , Address of Operator | | 9. Well No. |
| P. O. Box 1509 - M | idland, Texas 79701 | 3 |
| Location of Well | | 10. Field and Pool, or Wildcat |
| UNIT LETTER | 660 FEET FROM THE South LINE AND 1980 FEET FR | Eumont |
| | ECTION TOWNSHIP 21-S RANGE 35-E NMI | |
| THE LINE, SE | ECTION TOWNSHIP RANGE NMI | ~ ()))))))))))))))))))))))))))))))))))) |
| | 15. Elevation (Show whether DF, RT, GR, etc.) 3606 DF | 12, County Les |
| le. Cher | ck Appropriate Box To Indicate Nature of Notice, Report or (| ther Data |
| | - | NT REPORT OF: |
| PERFORM REMEDIAL WORK | PLUG AND ABANDON | ALTERING CASING |
| TEMPORARILY ABANDON | COMMENCE DRILLING OPNS. | PLUG AND ABANDONMENT |
| | CHANGE PLANS CASING TEST AND CEMENT JOB | |
| PULL OR ALTER CASING | CHANGE PLANS CASING TEST AND CEMENT JOB | |
| | CHANGE PLANS CASING TEST AND CEMENT JQB | |

April 9, 1972

Acidized open hole 3799-3908 with 2700 gel 15% NE acid.

• •

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

| signed Millieure | | TITLE | Senior Production Engineer | DATE | 5-1-72 | |
|---------------------------------|---------------------------------|-------|----------------------------|------|--------|--------|
| APPROVED BY | Orion Signed by Joe D. Ramey | TITLE | | DATE | MAY | 4 1972 |
| CONDITIONS OF APPROVAL, IF ANY: | Dist. I, Supv. | | | | | |

| NO. OF COPIES RECEIVED | • | | • Form C-1 Supersed | |
|---|---|---|------------------------|----------------------------|
| DISTRIBUTION | | |). U. C-102 an | |
| | NEW MEXICO OIL CONS | ERVATION COMMISSION | Effective | : 1-1-65 |
| FILE | | HR 12 7 . 1 | 1%7 [5g. Indicate | Type of Lease |
| LAND OFFICE | | ATR | State 🕱 | |
| OPERATOR | | | | & Gas Lease No. |
| | | | | B-1400 |
| SUNDRY (DO NOT USE THIS FORM FOR PROF USE "APPLICATION | NOTICES AND REPORTS ON POSALS TO DRILL OR TO DEEPEN OR PLUG B N FOR PERMIT - (FORM C-101) FOR SUC | WELLS ACK TO A DIFFERENT RESERVOIR. H PROPOSALS.) | | |
| 1. OIL GAS WELL K WELL | OTHER- | | 7. Unit Agre | ement Name |
| 2. Name of Operator | | | 8. Form or L | ease Name |
| Shell 011 Company (We | stern Division) | | 1 | State L |
| 3. Address of Operator | | | 9, Well No. | |
| | Midland, Texas 79701 | | | 3 |
| 4. Location of Well | (CO Grand | 1000 | 10. Field and | d Pool, or Wildcat |
| UNIT LETTER | 660 FEET FROM THE South | 1980 | ET FROM | Eumont |
| Prot | 1 21 | ९ २ ५ -म | | |
| THELINE, SECTION | L TOWNSHIP | S 35-E | - ^{NMPM•} | |
| | 15. Elevation (Show whether | DF. RT. GR. etc.) | 12. County | ~~~%}}}}} |
| AIIIIIIIIIIIIIIIIIIIIIIA | | 06' DF | Lea | |
| ¹⁶ . Charle A | | | | |
| NOTICE OF IN | ppropriate Box To Indicate N TENTION TO: | · · · | OF Other Data | OF: |
| | | r | 1 | |
| TEMPORARILY ABANDON | PLUG AND ABANDON | REMECIAL WORK | = | LTERING CASING |
| PULL OR ALTER CASING | CHANGE PLANS | COMMENCE DRILLING OPNS. | | UG AND ABANDONMENT |
| | | OTHER | · | |
| OTHER | | | | L |
| | | | | |
| Describe Proposed or Completed Ope work) SEE RULE 1103. | rations (Clearly state all pertinent deto | ails, and give pertinent dates, in | cluding estimated date | e of starting any proposed |
| • | MARCH 27, 1967 THROUGH | APRIL 8, 1967 | | • |
| | | | | |
| 1. Pulled rods, pump | and tubing. | | | |
| | rains/ft. string shots | over open hole inte | rval 3810'-38 | 90'. |
| | 847'), 2" 8RD tubing, h | | | |
| with 1 - 4', 1 - | 10', and 1 - 6' 2" subs | on top of string. | | |
| 4. Treated with 2000 | gallons 28% LST-NE aci | d. | | |
| 5. Ran 2" x 1 1/2" x | 12' RWAC Sargent pump | on 154 3/4" rods, 2 | - 2', 2 - 4' | , and |
| 1 - 6' x 3/4" rod | subs. | | | |
| 6. Recovered load. | | | | |
| 7. Placed on product | | | | |
| 8. In 24 hours pumpe | nd 18 BO and 69 BW on 16 | – 34" SPM. | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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| 18, I hereby certify that the in Original Signed B | | ete to the best of my knowledge and belief. | |
|---|----------------|---|----------------|
| N. W. Harrison | N. W. Harrison | TITLE Staff Exploitation Engineer | April 11, 1967 |
| APPROVED BY | . IF ANY | TITLE | DATE |

| NO. OF COPIES RECEIVED | | Form C-103 |
|----------------------------------|--|--|
| DISTRIBUTION | | Supersedes Old C-102 and C-103 |
| SANTA FE | NEW MEXICO OIL CONSERVATION COMMISSION | Effective 1-1-65 |
| FILE | | |
| U.S.G.S. | | 5a. Indicate Type of Lease |
| LAND OFFICE | finit L i T LUI a to UP | State K Fee |
| OPERATOR | | 5. State Oil & Gas Lease No. |
| | | B-1400 |
| (DO NOT USE THIS FORM USE "AI | UNDRY NOTICES AND REPORTS ON WELLS FOR PROPOSALS TO DAILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. PPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.) | |
| 1. | | 7. Unit Agreement Name |
| OIL GAS WELL WELL | OTHER- | |
| 2. Name of Operator | | 8. Farm or Lease Name |
| Shell Oil C | ompany (Western Division) | State L |
| 3. Address of Operator | | 9. Well No. |
| Post Office | Box 1509, Midland, Texas 79701 | 3 |
| 4. Location of Well | | 10. Field and Pool, or Wildcat |
| UNIT LETTER W | | Eumont |
| | | |
| THE EAST LINE | , SECTION 1 TOWNSHIP 21-S RANGE 35-E NMPM. | AIIIIIIIIIIIIIIIIIIIIIIIA |
| | | $\Delta () () () () () () () () () () () () () $ |
| | 15. Elevation (Show whether DF, RT, GR, etc.) | 12. County |
| | 3606' DF | Lea |
| 16. Cł | neck Appropriate Box To Indicate Nature of Notice, Report or Otl | ner Data |
| | | REPORT OF: |
| | | |
| PERFORM REMEDIAL WORK | PLUG AND ABANDON REMEDIAL WORK | ALTERING CASING |
| TEMPORARILY ABANDON | COMMENCE DRILLING OPNS | PLUG AND ABANDONMENT |
| PULL OR ALTER CASING | CHANGE PLANS CASING TEST AND CEMENT JOB | COV OR ABORTONALN' |
| | | |
| OTHER | | |
| | | |

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17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1. Pull rods, pump and tubing.
- 2. Run 2 80' 1000 grains/ft. string shots over open hole interval 3810'-3890'.
- 3. Clean out if necessary.
- 4. Run tubing.
- 5. Treat with 2000 gallons 28% acid.
- 6. Recover load.
- 7. Place on production.

| | | ation above is true and complete | te to the best of my knowledge and belief. | |
|-------------|-----------------|----------------------------------|--|---------------------|
| | Original Signed | | | |
| 5 IGNED | N. W. Hurrow | N. W. Herrison | TITLE Staff Exploitation Engineer | DATE March 22, 1967 |
| | | | | |
| APPROVED BY | | ÷ | TITLE | DATE |
| CONDITIONS | OF APPROVAL, IF | ANY: | | |

| | | | tati ka shekar | : · · · · · · · | . 1. 1. 1. 1. 2 | · | | | - |
|-------------------------|---|--|--|--------------------------------------|-----------------|--|--------------------|----------------|---|
| | | | W MEXICO MISCELLA 10 appropriate | NEOU | S REP | ORTSO | N WELI | IS PE C | |
| Name of Com | pany | | | Addres | s | | | | |
| Lease | Shell | OIL Company | ell No. Uni | t Letter | | Township | 1070, | Roswei | 1, New Mexico |
| | State I | | 3 | W | 1 | | 215 | | 351 |
| Date Work Pe 6-14-63 | uhru 6-23-63 | the second s | umonu | | | County | Lea | _ | |
| P · · · | | | REPORT OF: | | | | | | |
| Degiani | og Drilling Operation | | ng Test and Ce edial Work | ment job | 1 | Other (E | xplain): | | |
| 4. Tr 5. Re 6. Re | s anchor 3672' eated via tubi ran rods and p covered load. 24 hours pump M. R. Dilio | ng w/1000 gel pump. wed 23 B0 + 44 | | 4" S PM | | Сотрапу | Shel | 1 011 (| ompany |
| | | FILL IN BELC | OW FOR REMA | | | EPORTS ON | VLY | | |
| DF Elev. | 3606' TD | 3908' | PBTD | | | Producing 27001 | Interval - 3908 | | ompletion Date 6-22-54 |
| Tubing Diam | eter | Tubing Depth | L | Oil Strin | ng Diame | ter | | String De | pth |
| Perforated In | 2" terval(s) | 370 | 3' | <u> </u> | | 5 1/2" | | | 3799' |
| Open Hole In | terval 3799' - 3 | | | Produci | ng Forma | ation(s) | Seven | Rivers | |
| | | | RESULTS | | | | J | | |
| Test | Date of Test | Oil Production BPD | | CFPD | | Water Production BPD | | OR eet/Bbl | Gas Well Potential MCFPD |
| Before Vorkover | 5-7-63 | 11 | 147.5 | | 10 | | 13,407 | | - |
| After Workover | 6-23-63 | 23 | 265.8 | 5 | | 44 | 11, | 557 | - |
| Approved by Tiple | OIL CONSERVA | TION COMMISSION | / | I here to the Name Position | Bin She | y that the in my knowledg A. Icywer strict, Es ell Oil (| y cploita | R.A. | ve is true and comple I Signed By LOWRRY IgIneer |
| Date | | | | I | | | | | |

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| NUMBER OF COPIE | S RECEIVED | |
|-----------------|------------|-------|
| 011 | TRIBUTION |] |
| SANTA FE | | 7 |
| FILE | | 1 |
| U.8.g.s. | | 1 |
| LAND OFFICE | | 1 |
| | OIL | 1 |
| TRANSPORTER | 643 | |
| PRORATION OFFIC | | 1 |
| OPERATOR | | 1 |

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the senarce on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| NOTICE OF INTENTION TO CHANGE PLANS | Notice of Intention to Temporarily Abandon Well | | NOTICE OF INTENTION TO DRILL DEEPER | |
|---|--|---|---|--|
| NOTICE OF INTENTION TO PLUG WELL | NOTICE OF INTENTION TO PLUG BACK | | Notice of Intention to Set Liner | |
| Notice of Intention to Squeeze | Notice of Intention to Acidize | x | NOTICE OF INTENTION TO SHOOT (Nitro) | |
| Notice of Intention to Gun Perforate | NOTICE OF INTENTION (Other) | | Notice of Intention (Other) | |

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

Lea

Roswell, New Mexico

June 11, 1963 (Date)

Gentlemen:

| Follow | ving is a l | Notice of I | Intentio | on to do cert | ain work a | s described | below a | it the | ••••• | | | | | |
|--------|-------------|-------------|----------|---------------------------------------|------------|--------------|---------|-----------------|-------|------|---------|-----------------|---|------|
| | | Shell | Oil | Company | | | ate L | | Well | No | 3 | ir | W | |
| SW | ST | | | Operator) | 218 | | Leese | N 1 | | 110. | Eumone | | (Ur | nit) |
| | | | f Sec | ـــــــــــــــــــــــــــــــــــــ | , T | , R . | 35E | ,NMPM. , | ····· | | EGHIONC | ••••••••••••••• | • ••• • • • • • • • • • • • • • • • • • | Pool |

FULL DETAILS OF PROPOSED PLAN OF WORK (FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

- 1. Pull cubing.
- 2. Run 2-1000 grains/foot string snots over open nole interval 3810' 3890'.
- 3. Run tubing open-ended and treat w/1000 gallons 15% Fe acid.
- 4. Recover load and place on production.

| Approved | Shell Oll Company |
|---|---|
| Except as follows: | Company or Orderiginal Signed 13; |
| | By R. A. Lowery R. A. LOWERY |
| Approved | Position Discrict Exploitation Engineer Send Communications regarding well to: |
| OIL CONSERVATION COMMISSION | |
| By Fighte M. C. Conto | NameShell Cil Company |
| // /////////////////////////////////// | Address P. O. Hox 1858, Roswell, New Mexico |
| Title | Address. I. U. INA LUJU, RUSWELL, NEW MEXICU |

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| | | · · · · · · | | | | | | | |
|-------------------------------|--|-----------------------|---------------|-------------------|----------------------|-----------------------------|------------------------|----------------|-----------------------------|
| HUMBER OF CO | | N | EW MEXIC | | ONSER | | | | FORM C-103 (Rev 3-55) |
| TRANSPORTER PRORATION OF | 01L 4A3 PICE | (Submi | MISCEL | LANEOU | | | | - |) |
| Name of Com | pany Shell | 1 Oil Compan | | Addres | | 0. Box | 1858.1 | Rosvell. | New Mexico |
| Lease | State L | | Well No. 3 | Unit Letter W | | Township | | Range | |
| Date Work Pe | | Pool | | . | - <u>+</u> | L County | | | |
| 1-24-62 | 1-24-62 thru 1-31-62 Exmont Lea THIS IS A REPORT OF: (Check appropriate block) | | | | | | | | |
| Beginni | g Drilling Operations | | sing Test and | | ببيد ويرغبوني كالأقا | | Explain): | · | |
| D Pluggin | | | medial Work | | L | | | | |
| | ount of work done, nat | | | ised, and res | ults obta | ined. | | | |
| 4. Trea 5. Rera 6. Reca | 120 jts. (369 ated via tubing an pump and rod overed load. 21 hours pumped | g w/1000 gal ls. | lons 15% | NEA. | | | Jeating | Nipp le | at 3671'. |
| withessed by | H. B. Leach | 1 | | ction For | | Сотраву | Shell | Oil Com | ipany |
| | | FILL IN BEL | | | | PORTS O | NLY | | |
| D F Elev. | T D | · | PBTD | NAL WELL (| | Producing | Interval | | mpletion Date |
| 3 | 506 ' | 39081 | | • | | 3'799' | - 390 | | -22-54 |
| Tubing Diame | 2" | Tubing Depth | 3703' | Oil Stri | ng Diame 5 1/ | | Oil | String Dept | ь 3799' |
| Perforated In | | | 5105 | I | 1 -1 | | | | 5177 |
| | | <u></u> | | | ····· | | | | |
| Open Hole In | | 99' - 3908' | | | ng Forma | 110B(S, | Seven 1 | Rivers | |
| | ······································ | | | S OF WOR | | | 1 | | 1 |
| Test | Date of Test | Oil Production BPD | | roduction CFPD | | roduction PD | G Cubic f | O R eet/Bbl | Gas Well Potential MCFPD |
| Before Workover | 1-8-62 | 13 | | 189.8 | | 5 | | 14,600 | - |
| After Workover | 1-31-62 | 51 | ł | 412.5 | נ | .7 | | 8089 | - |
| | OIL CONSERVAT | ION COMMISSION | 4 | I here to the | by certif | y that the id my knowled | formation ge. | given abov | e is true and complete |
| Approved by | <u> </u> | | | Name | · L. K | | iginal Sig V. L. K. | ned By: ING | |
| Title | | - | | Positi A | on cting | | t Exploi | itation | Engineer |
| Date | / | | | Compa S | | il Compe | ny | | |

| NUMBER C | SAECEIVED | |
|-----------------|-----------|-------|
| Dit | TRIBUTION | |
| BANTA FF | | |
| FILE | | Ī. |
| U.S.G.S. | | 1 |
| LAND OFFICE | | ľ |
| TRANSPORTER | OIL | |
| THANAPUNTER | GAD | |
| PROBATION OFFIC | E . | |
| OPERATOR | | |

EW MEXICO OIL CONSERVATION COMMISSION

Santa Fc, New Mexico

MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

| NOTICE OF INTENTION TO CHANGE PLANS | NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL | | NOTICE OF INTENTION TO DRILL DEEPER | |
|---|--|---|--|--|
| NOTICE OF INTENTION TO PLUG WELL | Notice of Intention to Plue Back | | NOTICE OF INTENTION TO SET LINER | |
| Notice of Intention to Squeeze | NOTICE OF INTENTION TO ACIDIZE | x | NOTICE OF INTENTION TO SHOOT (NEO) | |
| NOTICE OF INTENTION TO GUN PERFORATE | NOTICE OF INTENTION (OTHER) | | Notice of Intention (Other) | |

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

(Place) (Date)

Roswell, New Mexico January 17, 1962

Gentlemen:

| Following is a Notice of Intention to do certa | in work as described | below at the | | **** |
|--|----------------------|--------------|-------------|----------------|
| Shell Oil Company | | State L | We'll No. 3 | W |
| (Company or Operator) SW <u>%</u> SE % of Sec. 1 (40-acre Subdivision) | T. 215, R. | Leese | | (Unit) Pool |
| (40-acre Subdivision) I AA | | - | • | |

FULL DETAILS OF PROPOSED PLAN OF WORK (FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

PROPOSED OF SRATION:

- 1. Run 1-500 grains/foot followed by 1-500 grains/foot string shots over interval 3810' - 3875'.
- 2. Treat w/1000 gallons 15% NEA.
 3. Recover load and place on production.

| Approved 19 | Shell Oil Company |
|---|---|
| Except as follows: | Company or Operator Original Signed By R. A. Lewery R. A. LOWERY |
| Approved OIL CONSERVATION COMMISSION | PositionDistrict Exploitation Engineer |
| By | NameShell Oil Company |
| Title | Addrem Box 1858, Roswell, New Mexico |

and the second second second and the second seco

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| NUMBLA OF COPIES RECEIVED DISTRIBUTION SANTA FF PILE U.S.G LAND OFFICE TRANSPORTER OIL GAS | | Image: Provide state of compliance and authorization compliance and authorization to transport oil and natural gas Form c-110 (Rev. 7-60) | | | | | | | | |
|--|--|---|------------------|----------|--|-------------------------|---------------|-------------------------|--|--|
| PRORATION DIFICE | | FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE | | | | | | | | |
| Company or Operator | Shell | Oil Compan | | | | Lease | ate L | | Vell_Np. 3 | |
| Unit Letter | Section 1 | Township 215 | F | Range | 35E | County | Lea | | ······································ | |
| Pool | Pool Kind of Lease (State, Fed Fee) State | | | | | | | |) | |
| If well produce give loc | s oil or conde ation of tanks | | Unit Letter O | | Section 1 | Township | 215 | Range | 35E | |
| Authorized transporter of | oil 📕 or cor | idensate | <u>.</u> | | Address (give ad | idress to which a | approved copy | of this for | | |
| Shell Pipe Li | ne Corpei | ation | | | P. O. Bo: | r 1598, Ho | bbs, New | Mexico |) | |
| | | ls Gas Ac | tually Co | nnected | l? Yes I | _No | | | | |
| Authorized transporter of | casing head ga | as 🔳 or dry gas | Date C nected | | Address (give ad | ldress to which a | approved copy | of this fo n | m is to be sentj | |
| Phillips Petro | oleum Com | ipany | 11- | 24-60 | P. O. Bo | c 758, Hob | bs, New H | exico | | |
| If gas is not being sold, g | ive reasons ar | id also explain its | present disp | osition: | | | | | | |
| | | | | | | | | | | |
| | | , | | | | | | | | |
| | Change in Trai Oil | nsporter (check one | | | (please check ; Change in Own Othet (explain | ership | c | | | |
| D | | | | | | | | | | |
| Well | Remarks Well now producing into combined State F, G, L, & M tank battery located on the State "M" Lease as authorized by NMOCC Order No. R-1804. | | | | | | | | | |
| The undersigned certifi | | | | | | | een complied | l with. | | |
| | Executed 1 | his the 12th | _ day of | Jan | By | <u>, 19 61</u> . | | | | |
| Approved by | ON SERVATI | ON COMMISSION | 11 | | R. A. L | ongry | Or R. | iginal Si A. LOY | gned By | |
| 1.1111 | line; | M. | | | Title | t Exploita | | | <u>ст. С. Ц. у</u> | |
| Title. | and the second s | | | | Company | il Company | | | | |
| Date | | | | | Address Box 845 | , Roswell, | New Hex: | i co | <u></u> | |

| · · · · · · · · · · · · · · · · · · · | | Form C-103 (Revised 3-55) | | | |
|---------------------------------------|----------------------|------------------------------|-------------------|-------------|------------|
| NEW MEXICO OI | L CONSERVAT | TION COMMES | | Kevisea . | 5-55J |
| MISCELLA | NEOUS REPOR | TS ON WELLS | 5 | | |
| (Submit to appropriate Dist | rict Office as j | per Commissio | on Rule 110 | | |
| COMPANY Shell Oil Company | Box 845 (Address) | Roswell. | <u>New Mexico</u> | | |
| LEASE State "L" WE | ELL NO. 3 | UNIT X S | <u> </u> | <u>21</u> F | 35 |
| DATE WORK PERFORMED | ne 30, 1958 | POOL Eumon | t | | |
| This is a Report of: (Check app | ropriate block) | Result | ts of Test | of Casing | g Shut-off |
| Beginning Drilling Oper | rations | Reme | dial Work | | |
| Plugging | | x Other | Install | pumping | unit |

Detailed account of work done, nature and quantity of materials used and results obtained.

Installed Parkersburg CCS CH114 DK-16-A3, 222 Polly Pumping Unit.

| FILL IN BELO | OW FOR RE | MEDIAL W | ORK REPORTS ON | ILY | |
|----------------|---------------|---------------|-------------------|--|---------------|
| Original Well | Data: | | | | |
| DF Elev. | TD | PBD | Prod. Int. | Com | pl Date |
| Tbng. Dia | Tbng De | pth | Oil String Dia | Oil Str | ing Depth |
| Perf Interval | (s) | | | | |
| Open Hole Inte | erval | Pr | oducing Formation | (s) | |
| RESULTS OF | WORKOVER | R: | | BEFORE | AFTER |
| Date of Test | | | | | |
| Oil Production | n, bbls. per | day | | | |
| Gas Productio | on, Mcf per | day | | | |
| Water Produc | tion, bbls. | per day | | | |
| Gas~Oil Ratio | , cu. ft. pe | r bbl. | | | |
| Gas Well Pote | ential, Mcf p | er day | | | |
| Witnessed by | | | | | |
| | | | | | pany) |
| OIL CONS | SERVATION | | | tify that the inf e and complete ge. O | |
| Name | | <u>- 11 (</u> | Name | R. L. Elkins | |
| Title | / | | Position | Division Mechar | ical Engineer |
| Date | | | Company | Shell Oil Compa | nv |

| • | | Earra C 110 |
|---|-----------------------------|--|
| | Re | Form C-110 vised 7/1/55 |
| NEW MEXICO OIL CONSERV | ATION COMMISSION | |
| SANTA FE, NEW | MEXICO | • . |
| (File the original and 4 copies with the | e appropriate district offi | ce) |
| CERTIFICATE OF COMPLIANC TO TRANSPORT OIL AND | | p <u>2 - 2 -</u> |
| Company or Operator Shall Oll Company | Lease | tete I |
| Well No. <u>3</u> Unit Letter S T T | n R r Pool uma | 12 |
| County Les Kind of Lease (S | State, Fed. or Patented)_ | tate |
| If well produces oil or condensate, give locatio | | |
| Authorized Transporter of Oil or Condensate | Shall f a line | |
| Address . 0. Not 1598, Mable, New Merico | | |
| (Give address to which approved co | opy of this form is to be s | ent) |
| Authorized Transporter of Gas | | |
| Address J. D. Box 758, Hobbs, Mew Sector | | |
| Give address to which approved co | | • |
| If Gas is not being sold, give reasons and also | explain its present dispo | sition: |
| | | |
| | | |
| | | ······································ |
| | | |
| Reasons for Filing: Please check proper box) | New Well | () |
| Change in Transporter of (Check One): Oil () | Dry Gas () C'head () | Condensate () |
| Change in Ownership () | Other | |
| Remarks: | OtherGive explanati | on below) |
| | | |
| | | |
| | ro-uce file and interes | the storage stat |
| | | |
| The undersigned certifies that the Rules and Remission have been complied with. | gulations of the Oil Cons | ervation Com- |
| Executed this the 27 day of Jury 19 | | • |
| | By & Caussy | Nort 3. Sevill |
| -1 1955 | | |
| Approved19 | Title driving - loit | tion Instraar |
| OIL CONSERVATION COMMISSION | Company hall Gil | amany |
| By MAGrantrono | | iobbs. Severe ito |
| Title Oil & G: | | <u>. 10995, 1089 208 1</u> 00 |
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NEW MEXICO OIL CONSERVATION COMMISSION BOX 2045

HOBBS, NEW MEXICO

DATE July 7, 1985

TO: Shell Oll Company

Ben 1997

Nobben Hew Mexico

Gentlemen:

You are hereby instructed to file Form C-110 in Quintuplicate with the Hobbs Office showing the change in pool designation not later than <u>August 1, 1909</u>. If you desire to produce this well into common tankage with other wells in another pool which are located on the same basic lease, please incorporate the following statement on the form C-110: "Permission is hereby requested to produce this well into common storage with wells on the same lease currently prorated in <u>Eugice</u> pool."

If you do not agree with this classification of your well you should notify this office in writing immediately.

Failure to file Form C-110 by the specified time will result in Allowable cancellation.

OIL CONSERVATION COMMISSION

BY A. L. Porter, Jr.

OCC Santa Fe

cc: Oil Transporter **SHell Oil Cumpany** Gas Transporter **Phillips Petroleum Company** Well File

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

.

It is necessary that Form C-104 be approved before this form can be approved an an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE. 1.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

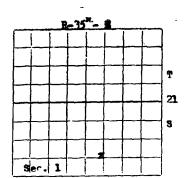
| Company or | r Operator | hell il company | Lease | tate | •••• |
|---------------|-----------------|---------------------------------|-------------------------|------------------------------|-------------|
| Address | ixx 1957. | Obbs, en exist | | Incipal Place of Business | |
| Unit | , Well(s) 1 | No | . T 21- 5, R 35- | , Pool | |
| County | 30 | | tate | | |
| If Oil well I | location of Tan | ks | | | |
| Authorized | Transporter | hillips Setroleum 20. | | Address of | Transporter |
| ox 758 | obbs, (Loc | W . OX CO al or Field Office | | Principal Place of Business | |
| Per cent of | 🕅 or Natural (| Gas to be Transported | Other Transporters au | thorized to transport Oil or | Natural Gas |
| from this ur | nit are | NIC | | | |
| | | | | | |
| REASON F | FOR FILING: | (Please check proper box) | | | |
| NEW WEL | Л | | CHANGE IN OWN | ERSHIP | |
| CHANGE 1 | IN TRANSPO | RTER | OTHER (Explain u | nder Remarks) | |
| REMARKS | 5: | | | | |
| : | This report | covers casinghead jus pro | ouction on the al | cove leace in accom | tance |

WIGH DUPL sarou ligel Carsoration y, sule List, -ection (a).

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

| Executed this theday of | |
|-----------------------------|---------------------------------------|
| | heil is capany |
| Approved, 19 | |
| OIL CONSERVATION COMMISSION | By A |
| Ву | Title ivision roluction uperintendent |
| Title | |

(See Instructions on Reverse Side)



NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

and the star was seen

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES LOCATE WELL CORRECTLY

| | (Company or Operal | (10) | | | (Lesse) | | |
|-------------------------|--------------------|----------------|-------------------------|---------------|--------------------|---------------|-----------------|
| Well No | , in SV | .14 of SE | | , Т | 19 R | 35B | , NMPM |
| | Buni ce | | Pool, | Lea | | | County |
| | | | line and | | | | |
| f Section1 | If Sta | te Land the Oi | il and Gas Lease No. is | J=1400 | | | |
| Filling Commenced | 5-31-54 | | , 19 Drilling | was Completed | 6-14 | | , 19. 54 |
| Name of Drilling Cont | ractor | Velma | retroleun com |). | | | |
| Address | | Hobbs. | Nev Texico | | | | |
| Elevation above sea lev | | Head | 3575 | The info | imation given is t | o be kept con | fidential unti |

Not confidential , 19......

Result of Production Stimulation.

OIL SANDS OR ZONES

| No. 1, from | 3799 | <u>to</u> | No. 4, from |
|-------------|------|-----------|---------------|
| No. 2, from | | to | No. 5, fromto |
| No. 3, from | | | No. 6, fromto |

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

| No. 1, | , from | to | feet. | |
|--------|--------|----|-------|--|
| No. 2, | . from | to | fect. | |
| No. 3, | . from | to | | |
| No. 4, | , from | to | feet, | |

CASING RECORD CUT AND PULLED FROM WEIGHT PEB FOOT NEW OR USED KIND OF BHOE SILE AMOUNT PERFORATIONS **PURPOSE** 8 5/8" 3441 32# New Lerkin 5 1/2" New 37891 Lorkin 15.5

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | BIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|-----------------|-------------------|--------------|------------------------|----------------|----------------|-----------------------|
| 12 1/4" | 8 5/8" | 354 | 200 | Pum & plug | | |
| 7 7/8" | 5 1/2" | 3799 | 750 | Pump & plug | | |
| | | | | | | |
| | | | | I | | |

BECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Treated open hole interval 3799-3908' with 15,000 sallons Sendfrac.

After recovering hele load of 560 bbls. flowed 209 bbls. fluid, cut 65 BS & 65 water, in 6 hrs.

BECTED OF DRILL-STEM AND SPECIAL TESTS

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•

If drill-stem of other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

| | | | • | | | | • | | |
|--------------|-------------|--------------|-------------------------------|--------------------|-----------|-------------|-------------|--------------------|---|
| | | | • | TOOLS U | sed | | | | |
| Rotary tools | were us | ed from | feet to | 3908 | feet, and | d from | | feet to | feet. |
| Cable tools | were use | d from | | | feet, and | d from | | feet to | feet. |
| | | | | PRODUCT | TION | | | | |
| | | 6 | -22 | | | | | | •• |
| Put to Prod | | | | | | | | | |
| OIL WELL | : The | production | during the first 24 hours w | as | | barr | els of liqu | id of which | 88 % was |
| | | -i1. | - % was emulsi | 8 | | | | | |
| • | | | ah a0 | | | | , and | | was sedunent. A.F.J. |
| | Grav | /i ty | Prej Ari | | GOR | 91 9 | | | |
| GAS WELL | : The | production | during the first 24 hours w | as | N | I.C.F. ph | 15 | | barrels of |
| | lioui | d Hydroca | rbon. Shut in Pressure | lhe | | | | | |
| | - | | | <i>e</i> | | | | | |
| Length of 7 | Time Shu | ut in | | •••••••••••••••••• | | | | | |
| PLEAS | SE INDI | ICATE BI | ELOW FORMATION TOP | 8 (IN CONFO | RMANC | e with | I GEOGR | APHICAL SECTI | ON OF STATE): |
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| T. Salt | | ····· | | urian | | | T . | Kirtland-Fruitland | |
| B. Salt | 20.04 | | Т. Мо | ntoya | | ·····, | T . | Farmington | ••••••••••••••••• |
| T. Yates | 3085 | • | | npson | | | | Pictured Cliffs | |
| | • | | | Ксс | | | | | ••••••••••••••••••••••••••••••••••••••• |
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ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

| · | (Date) |
|--|---|
| Company or Operator. Shell 011 Company | Address |
| B. Nevill | Position or Title. Division Exploitation Engineer |

NEW MEXICO OIL CONSERVATION COMMISSION

5-4-

2 N 2 N 4

Santa Fe, New Mexico

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MODES (E. TRE COC

It is necessary that Form C-104 be approved before this form can be approved an an *initial* allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

| Company or Operator. Shell 911 | Company | Lease | fitate I. | |
|--|----------------|------------------------|-----------------------------|---------------|
| Address Tox 1.957, Fighba, Ve (Local or Field Office) | v `ezico | Fox 1509 | Principal Place of Business | ····· |
| Unit | , Sec 1 | . T | , Pool | |
| County Lea | | State | | |
| If Oil well Location of Tanks | Censer of | | | |
| Authorized Transporter | Tipe Line | | Address o | [Transporter |
| Nobbe, New Dexico | | louston. | er38 | |
| (Local or Field Office) | | ۲. | rincipal Place of Business, | |
| Per cent of Oil or Distant Set to be Tra | insported 100% | Other Transporters aut | horized to transport Oil of | r Natural Gas |
| from this unit are | Tone. | | | ••••• |
| | | | | Ç |
| REASON FOR FILING: (Please check | x proper box) | | | |
| NEW WELI. | | CHANGE IN OWN | ERSHIP | |
| CHANGE IN TRANSPORTER | | OTHER (Explain u | nder Remarks) | |
| REMARKS: | | | · · · | |

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

| Executed this the | - Wie 19 54 |
|-------------------|--|
| Approved, 19 | By Barill Original signed by B. Levill |
| By Title | By |

(See Instructions on Reverse Side)

| _ | | | | - | · · · · · · · · · · · · | yaa i Viitaa Ju | | | | |
|---|--|---|------------------------|------------------------------|---|---|---|--|--|-----------------------------|
| • | | | | | | | | | | |
| | | | W. | EXICO | OIL CONS Santa Fe, N | ERVATION | COMM | JON | -{Forn (Revised | n C-104) 7/1/52) |
| • • • • • • • • • • • • • • • • • • • | | | TEE | T EOI | | | ΑΤΤΛ | XAZA DI T | I I O O New M | [[م/ |
| | . بى مىرى - بىرمەن - | KEQ | ULS. | 1 101 | (OIL) | - (Annorm) | ALLA | WADLE | INE CORNew W | |
| Form C-104 able will be month of co | is to be sub assigned eff ompletion or | mitted in Q ective 7:00 r recomplet | UADI A.M. ion. T | RUPLIC on date he comp | ATE to the of completio eletion date 25 psia at 60 | same District n or recomp shall be that ° Fahrenheit | Office to letion, pri- date in th | which Form Q- vided this form e case of an oil | mpleted Oil or Ga 1011 way send The is filed during ca well when oil is del | allow- lendar livered |
| | | | | | | (Place) | , :ev : | exico | 6-25-54 (Date) | |
| WE ARE H | IEREBY RI | EQUESTIN | IG AN | I ALLO | WABLE FO | R A WELL | | I AS: | (Date) | |
| She | 11 011 0 | many | | | le L | Well | | | M | ¼, |
| (C o: | mpany or Ope | erator) | | | (Lease) | | | | | |
| (Unit) | , Sec.) | - | , I | | ., R | , INIVIPINI | ·, ····· | | •••••••••••••••••••••••••••• | Pool |
| •••••••••••••••• | 1.00 | | Cou | inty. Date | e Spudded | 5-31-54 | ,] | Date Completed | <u>~-22-54</u> | |
| Pleas | se indicate la | ocation: | | | | | | | | |
| | | | | Elevation | 3585 | Tota | l Depth | 3908 | , P.B | |
| | | - | • | | | | - | | | |
| | | i | · | Top oil | gar pay | 3790 | | Prod. Form | even Rive | 74 |
| | | | 7 | Casing P | erforations:. | | | ····· | | or |
| | | | 27 | Ū | | | | | | |
| | ľ | | | Depth to | Casing shoe | of Prod. Stri | ng | 7.39 | | |
| | ·1 | | 8 | Natural I | Prod. Test | | | | | BOPD |
| See | x | | 1 | hased on | • · | bble | Oil in | ц. | 5 | Mine |
| | | | | | | | | | | |
| | ••••• | ••••• | - ' | Test afte | r acid or sho | t | 4 | |] | BOPD |
| Casing Size | and Cementi Feet | ng Record Sax |] | Based on | 41 | bbls. | Oil in | 1 Hr | s | .Mins. |
| | | | | Gas Wal | Potential | | - | | | |
| 8 5/8* | 354 | 200 | | | | | | | | |
| 5 1/2" | 3799 | 750 | : | Size chol | e in inches. | 1" | | · · · · · · · · · · · · · · · · · · · | •••••• | ••••• |
| | | |] | Date firs | t oil run to t | anks or gas to | Transmis | sion system: | 6-?2-54 | |
| | ↓ ↓ | | | | | | | | | |
| | | | • | Transpor | ter taking O | il or Gas: | | 7# 1.* t1 @ | | ••••••••••• |
| L | <u></u> | i | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| I hereb | y certify that | it the inform | mation | given a | bove is true | and complet | e to the be | st of my knowle | | |
| - F F | | | | | , | | (| Company or Oper | ator) | L by |
| 2 | L CONSER | VATION (| COMN | AISSION | 1 | By: | •••••• | H. Nevill (Signature) | B. Mevil | L |
| . U | 4 | allin | _ | Ĺ | | Title | | | oloitetion En | ginee |
| y: | | | | | | s itleS | | nunications rega | | |
| ʻitle | ••••• | · · · · · · · · · · · · · · · · · · · | | | ····· | Name | | Sh ell 011 G | omany | |
| | | | | | | | | | obbs, New Mex | |
| | | | | | | Address | | | | |

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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DOC SCHERO S REPORT

MISCELLANEOUS REPORTS ON WELLS 7:44

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

| Indicate | Nature | of | Report | by | Checking | Below |
|----------|--------|----|--------|----|----------|-------|
|----------|--------|----|--------|----|----------|-------|

| REPORT ON BEGINNING | REPORT ON RESULT OF TEST | REPORT ON | |
|---------------------|--------------------------|-------------------|---|
| DRILLING OPERATIONS | OF CASING SHUT-OFF | REPAIRING WELL | |
| REPORT ON RESULT | REPORT ON RECOMPLETION | REPORT ON SANDRAC | X |
| OF PLUGGING WELL | OPERATION | (Other) TREATHENT | |

6-25-54

Hobbs, New Merico (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

| (Company or Operator) (Lease) (Contractor) (Contractor) (Contractor) | Shell Oil Company | State 1 | | | |
|--|---|------------|--------|------|-----------------|
| | (Company or Operator) | (Lease) | | | |
| (Contractor) | | Well No. 3 | in the | V SE | 4 of Sec |
| | (Contractor) | | | / | , or occurring, |
| T. 21S, 85E, NMPM., | T. 218, R. 35E, NMPM., Sunice | | Lea | | County. |
| The Dates of this work were as folows: | The Dates of this work were as follows: | ŧ | | | |
| | | | | | |

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Treated open hole interval 3799-3908' with 15,000 gallons Sandfrac. After

recovering hold load flowed 209 bbls. fluid, cut 6 783 & 66 water, in 6 hrs.

| Witnessed by | bell 011 Company | Production Foreman |
|-----------------------------|---|---|
| (Name) | (Company) | (Title) |
| Approved: | I hereby certify that the info to the best of my knowledge | mation given above is true and complete |
| OLE CONSERVATION COMMISSION | | Original signed by |
| Wh tarker | Name | D, Nevin |
| (Name) | rosition | on Exploitation Engineer |
| , · | Shell 4 |)il Company |
| (Date) | Address. | 57, Pobhs, Nev Merico |

NEW MEXICO OIL CONSERVATION COMMISSION COC EDUCE COC

MISCELLANEOUS REPORTS ON WELLS : 1:23

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

| REPORT ON BEGINNING | REPORT ON RESULT OF TEST | x | REPORT ON |
|---------------------|--------------------------|---|----------------|
| DRILLING OPERATIONS | OF CASING SHUT-OFF | | REPAIRING WELL |
| REPORT ON RESULT | REPORT ON RECOMPLETION | | REPORT ON |
| OF PLUGGING WELL | OPERATION | | (Other) |

Indicate Nature of Report by Checking Below

June 21, 1954 Hobbs, New Mexico

Following is a report on the work done and the results obtained under the heading noted above at the

•. •

| Shell Oil Company | State #L* | | | | |
|---|-----------|---------------------------|---------|--|--|
| (Company or Operator) | | (Lease) | | | |
| Velma Petroleum Company | , Well No | in the SW 14 SE | | | |
| (Contractor) | | _ | | | |
| T 21-S , R 35-E , NMPM, Eunice | Pool, | Lea | County. | | |
| The Dates of this work were as follows: June 16, 1954 | | | | | |
| Notice of intention to do the work (secut (was not) submitted on Fo | | ross out incorrect words) | , 19, | | |

and approval of the proposed plan (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 3788' of 5 1/2" casing and cemented at 3799' with 650 sacks 4% gel and 100 sacks neat coment. Did not circulate coment. After WOC 48 hours tested casing with 1500 psi for 30 minutes. Test OK.

| Witnessed by F. W. Stewart | Shell Oil Company | y Drilling Foreman |
|---------------------------------------|------------------------------------|--|
| (Name) | (Company) | (Title) |
| Approved: OIL CONSERVATION COMMISSION | I hereby certify to the best of my | that the information given above is true and complete y knowledge. Original signed by F. D. Leigh |
| A.J. Stanley | Nапе | F. D. Leigh F. D. Leigh |
| (Napp) | Position | Division Machanical Engineer |
| | Representing | Shell Oil Company |
| (Title) (Di | Address | Box 1957, Hobbs, New Mexico |

(Form C-103) (Revised 7/1/52)

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| (Revised 7/1 | 1/52) |
|---|-------|
| NEW MEXICO OIL CONSERVATION COMMISSION | |
| NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico July | |
| MISCELLANEOUS REPORTS ON WEELS | |
| Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is a pleted. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of v result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additions in the Rules and Regulations of the Commission. | well, |
| Tailante Nations of Depart by Chestrian Delay | |

| Indicate N | ature of | Report b | y Checking | Below |
|------------|----------|----------|------------|-------|
|------------|----------|----------|------------|-------|

| REPORT ON BEGINNING | x | REPORT ON RESULT OF TEST | REPORT ON |
|---------------------|---|--------------------------|----------------|
| DRILLING OPERATIONS | | OF CASING SHUT-OFF | REPAIRING WELL |
| REPORT ON RESULT | | REPORT ON RECOMPLETION | REPORT ON |
| OF PLUGGING WELL | | OPERATION | (Other) |

| June 1, 1954 | Hobbs, New Mexico |
|--------------|-------------------|
| (Date) | (Place) |

Following is a report on the work done and the results obtained under the heading noted above at the

| Shell Oil Company | | State "L" (Lease) | | | | |
|---|-----------------|----------------------|-----------------------------|------------------|--|--|
| (Company or Operat | or) | | | | | |
| Velma Petroleum Company | | , Well No | in the SW 14 SE | | | |
| (Contractor) | | | - | | | |
| т. 21-S , к. 35-Е , NMPM., | Eunice | Pool, | les. | County. | | |
| The Dates of this work were as folows: | M | ay 31, 1954 | | ····· | | |
| Notice of intention to do the work (was) C | Submitted on Fe | orm Carlon | May 19, | , 19 54 , | | |
| and approval of the proposed plan (was) | (DOD) obtained. | | (Gross out incorrect words) | | | |

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spudded May 31, 1954 at 5:00 P.H.

| Witnessed by R. E. Flournoy | Shell Oil Company | Drilling Foreman |
|---------------------------------------|-----------------------|--|
| (Name) | (Company) | (Title) |
| Approved: OIL CONSERVATION COMMISSION | to the best of my kno | the information given above is true and complete |
| S. J. Atanley | Name | D. Leigh Original signed by F. D. Leigh |
| (Name) | Position | vision Mechanical Engineer |
| V | Representing | ell 011 Company |
| (Title) (| Date) Address Bo | x 1957, Hobbs, New Mexice |

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS AN 9:28

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| REPORT ON BEGINNING DRILLING OPERATIONS | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | X | REPORT ON REPAIRING WELL | |
|--|--|---|-----------------------------|--|
| REPORT ON RESULT OF PLUCGING WELL | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

June 2, 1954 Hobbs, liew Maxiee (Date) (Place)

HOEBS OFFICE OCC

Following is a report on the work done and the results obtained under the heading noted above at the

| Shell Oil Company | State "L" | |
|---|-----------|-----------|
| (Company or Operator) | (Lease) | |
| Velma Petroleur Company (Contractor) | , Well No | ¼ of Sec, |
| T21-S, R.35-E, NMPM., | | County. |
| The Dates of this work were as follows: | e 1, 1954 | |
| | | |

and approval of the proposed plan (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran 344 feet of 8 5/8" casing and cemented at 354 feet with 200 sacks neat cement. Circulated approximately 20 sacks cement. After WOC 24 hours tested casing with 1500 psi for 30 minutes. Test OK.

| Witnessed by R. B. Flournoy | Shell Oil Company | Drilling Foremen |
|--|-------------------------------|--|
| (Name) | (Company) | (Title) |
| Approved: BIL-CONSERVATION COMMISSION | to the best of my knowledg | formation given above is true and complete re. Original signed by Leigh F. D. Leigh |
| (Namo) 1 (Title) (Da | Representing. Shell Box 10 | · · · · · · · · · · · · · · · · · · · |



Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

| Hobbs, Nev Mexico | Nay 19, 1954 |
|-------------------|--------------|
| (Place) | (Date) |

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as

| | | | | | Shell Oil Company | |
|--------|------------|------------|---------|----|--|-------------|
| | | | | | (Company or Operator) | 1 |
| | | Ş : | La to J | | , Well No, in | The well is |
| | 1080 | | | | | |
| ocated | | | | | east line and 660 line and 660 | |
| GIVE L | OCATIO | | | | E) Bunice Pool, Les | - |
| | | R-35-E | | | If State Land the Oil and Gas Lease is No | ····· |
| | 1 | | | 7 | If patented land the owner is | |
| D | С | В | A | 1 | Address | ••••• |
| | _ <u> </u> | | | - | We propose to drill well with drilling equipment as follows: | |
| E | F | G | я | • | Conventional Rotary Hig | |
| | 1 | | •• | 21 | The status of plugging bond is | |
| | | | - | - | Blanke's Bond | ••••• |
| L | K | J | I | S | Drilling Contractor | |
| Sec. | 1 | | | _ | Hobbs, New Faring | |
| M | N | | Р | | | |
| | | | • | | We intend to complete this well in the | |
| • | | <u>.</u> | | _' | formation at an approximate depth of | feet. |

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

| Size of Hole | Size of Casing | Weight per Foot | New or Second Hand | Depth | Sacks Cemen |
|--------------|----------------|-----------------|--------------------|-------|-------------|
| 11* | 8 5/8" | 32# | Netr | 300 | 200 |
| 7 7/8" | 5 1/2" | 15.5# | Netr | 3750 | 800 |
| | | | | | |
| ····· | | | | | + |

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

| Approved, | 19 |
|--------------------|----|
| Except as follows: | |

Sincerely yours,

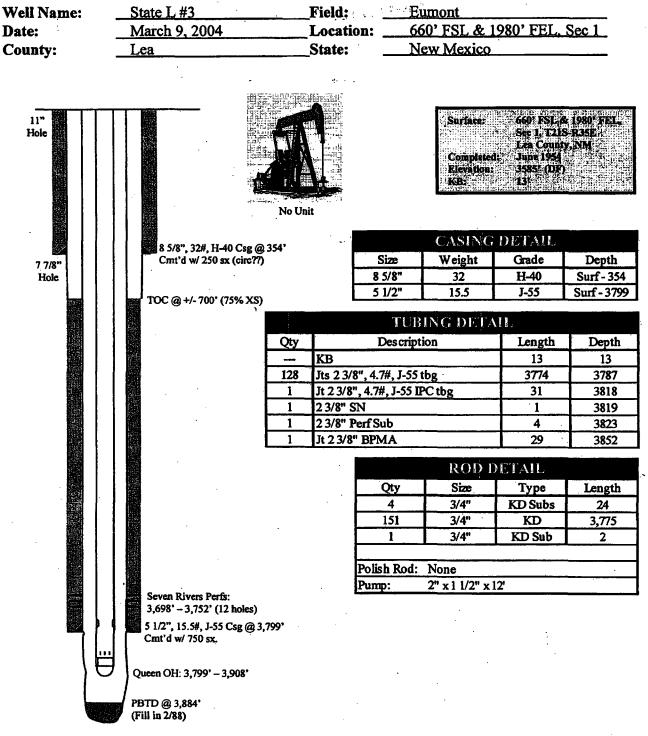
| | Shell uil Company |
|----------|--|
| Ву | (Company or OperatorOriginal signed by B. Nevill B. Nevill |
| Position | Sider and an end of the film of the second |
| Name | Shell Oil Company |
| Address | Baz 1957, Hobbs, New Hexico |

| abed 3 Capite To Appropriate District State of New Mexico Form C-103 Direction Energy, Minerals and Natural Resources Revised March 25, 1999. Direction Direction State of New Mexico Revised March 25, 1999. Direction Direction Direction State of New Mexico Revised March 25, 1999. Direction Direction Direction State of New Mexico Revised March 25, 1999. Direction Direction Direction State of New Mexico Revised March 25, 1999. Direction Direction Direction State of New Mexico State of New Mexico Direction Direction Direction State of New Mexico State of New Mexico Direction State of New Mexico State of New Mexico State of New Mexico Direction State of New Mexico State of New Mexico State of New Mexico Direction State of New Mexico State of New Mexico State of New Mexico Direction State of New Mexico State of New Mexico State of New Mexico Direction State of New Mexico State of New Mexico State of New Mexico Direction State of New Mexico State of New Mexico State of New Mexico Direction State of New Mexico State of New Mexico State of New Mexico Direction Case Well Other State of New Mexico State of New Mexico Direction Case Coperator State of New Mexico New Mexico State of New Mexico < | • | | | |
|--|--|--------------------------------|--|---|
| Office Datacl 1023CL 1023CL Energy, Minerals and Natural Resources Revised March 25, 1999. 1023CL | -ubrait 3 Copies To Appropriate District | State of New | Mexico | Form C-103 |
| WELL API No. 3 WELL API por of Lease State II 1301 W. Grand Are., Antesia, NM 88210 Didta Cill 1001 Kinzanos Rd., Acte., NM 87410 12020 S. Breis De., Satta Fe, NM 87410 1200 S. Breis De., Satta Fe, NM 87410 1100 Will 1100 Will 1100 Well: 1100 Well: 1110 Well 1110 Well: 1111 Well: <t< td=""><td>Office</td><td></td><td></td><td>Revised March 25, 1999</td></t<> | Office | | | Revised March 25, 1999 |
| 100 W. Grand Are., Anter, NM 8710 OIL CONSERVATION DIVISION S. Indicate Type of Lease 100 R. Braze Rd., Azte, NM 8740 Santa Fe, NM 87505 S. Indicate Type of Lease 1220 South St. Francis Dr. Santa Fe, NM 87505 S. Indicate Type of Lease 1200 St. Francis Dr., Santa Fe, NM Santa Fe, NM 87505 B. 1400 1201 St. Francis Dr., Santa Fe, NM State Division Not Provide St. State Division Not Net Not Provide St. State Division Not Net Net Net Not Net Net Net Net Net Net Net Net Net Ne | 1625 N. French Dr., Hobbs, NM 88240 | | 1 Decision | |
| Journal and Met, Jones J, Meter 200 1220 South St. Francis Dr. Santa Fe, NM 8740 Stata Fe, NM 87505 Jamsai M. 1220. St. Francis Dr., Samt Fe, NM 8750 Stata Fe, NM 87505 Stata Fe, NM 87505 Stata Fe, Samt Fe, Samt Fe, MM 8750 Stata Fe, NM 87505 Stata Fe, NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS (CO NOT USE THIS FORM FOR PROPOSALS TO DELLOR TO DEEPEN OR PLUC BACK TO A PROPOSALS) 7. Lease Name or Unit Agreement Name: State L OI Well: OI Well Gas Well Other 8. Well No. 3 OI Well: OI Well Gas Well Other 9. Pool name or Wildcat Euront Scion 1 Township 21S Range 35E NMPM County Lea 10. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING PULL OR ALTER CASING MULTPLE COMPLETION COMMENCE DRILLING OPNS. PLUG AND ABANDON TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. ABANDONMENT PUL OR ALTER CASING MULTPLE COMPLETION COMMENCE DRILLING OPNS. ALTERING CASING 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS. PLUG AND ABAND | | OIL CONSERVAT | ION DIVISION | |
| 1000 Ring Ray, Add., Santa Fe, NM 87505 0 0.001 Ring Rd, Adde, NM 87410 0 0.001 Ring Rd, Adde, NM 87410 1200 Starte Dr., Santa Fe, NM 6 Starte Di & Gas Lease No. B 1400 1200 Starte Dr., Santa Fe, NM 7. Lease Name or Unit Agreement Name: 5.001 Rd Gas Lease No. B 1400 1000 Rice Rd No. For PROTOCALS TO DELLOR TO DELEPON OR PLUG BACK TO A PENDOSALS 7. Lease Name or Unit Agreement Name: 1000 Rice Rd No. Santa Fe, NM 3 7. Lease Name or Unit Agreement Name: State Di & Gas Lease No. 11. Type of Well: 010 Well Gas Well Other 8. Well No. 3 2. Name of Operator 9. Pool name or Wildeat 9. Pool name or Wildeat 10. Elevation (Now whether DR, RKB, RT, GR, etc.) 3606' DF 3. Address of Operator 10. Elevation (Now whether DR, RKB, RT, GR, etc.) 3606' DF 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENT OCOMENT ABANDON CASING TEST AND | - | | | |
| 12223 S.S. Francis Dr., Santa Fe, NM B - 1400 27505 SUNDRY NOTICES AND REPORTS ON WELLS 7. Lease Name or Unit Agreement Name: State L 00 NOT USE THIS FORM FOR PROPOSALS TO BRILL OR TO DEEPEN OR PLUC BACK TO A DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS) 7. Lease Name or Unit Agreement Name: State L 1. Type of Well: Oil Well Gas Well Other 8. Well No. 3 2. Name of Operator Citation Oil & Gas Corp. 9. Pool name or Wildcat Eumont 3. Address of Operator P O Box 690688 Houston, Texas 77269 9. Pool name or Wildcat Eumont 4. Well Location 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING MULTIPLE COMPLETION COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed or completed operations. (Cl | | | | |
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| DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPONALS) 1. Type of Well: Oil Well S Gas Well Other 1. Name of Operator Citation Oil & Gas Corp. 8. Well No. 3 3. Address of Operator Citation Oil & Gas Corp. 9. Pool name or Wildcat Eumont 9. Pool name or Wildcat 4. Well Location Unit LetterW: 660feet from the South line and 1980feet from the East line Section 10. Elevation (Show whether DR. RKB, RT. GR. etc.) 3606 DF 10. Elevation (Show whether DR. RKB, RT. GR. etc.) 3606 DF SUBSEQUENT REPORT OF: SUBSEQUENT REPORT OF: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING MULTIPLE COMPLETION CASING TEST AND CEMENT JOB OTHER: 0THER: Open additional perfs and frac. OTHER: OTHER: OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation. OTHER: to production 5 (7 18 To 1 - 16 0F the state of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation. | SUNDRY NOTIO | | | - |
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| 2. Name of Operator Citation Oil & Gas Corp. 8. Well No. 3 3. Address of Operator P O Box 690688 Houston, Texas 77269 9. Pool name or Wildcat Eumont 9. Pool name or Wildcat Eumont 4. Well Location Unit LetterW: 660feet from the South line and 1980feet from the East line 5 Section 1 Township 21S Range 35E NMPM County Lea 10. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data 3606' DF 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING PULL OR ALTER CASING MULTIPLE COMPLETION COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT 21. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation. Citation Oil & Gas Corp. request permission to fracture treat the above named well and return it to production 5: 17.78 | | | | |
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| or recompilation. Citation Oil & Gas Corp. request permission to fracture treat the above named well and return it to production 6 17 18 16 20 20 20 20 20 20 20 20 20 20 20 20 20 | 12. Describe proposed or complete | | | |
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| Contraction of the second of t | Citation Oil & Gas Corp. request pe | rmission to fracture treat the | above named well and r | eturn it to production 5 17 18 to |
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| - 1E OE BE 2501 | | | | |
| - 1E OE BE 2501 | | | | 15 Batton B |
| - 1E OE BE 2501 | | | | |
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. | | | | |
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. | | | | |
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. | | | | |
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. | | | | 201-1202021-122 |
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. | | | | |
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. | | | | |
| | I hereby certify that the information | above is true and complete to | the best of my knowle | dge and belief. |

1947 (C. 1947) (C. 1947)

| SIGNATURE Bridget Alexander | |
|---|---|
| (This space for State use) APPPROVED BY Lary Willing | TITLE DATE OC FIELD REPRESENTATIVE II/STAFF MANAGER |
| Conditions of approval, if any: | OC FIELD IN D W ZOUS |

CITATION OIL AND GAS CORPORATION CURRENT WELLBORE DIAGRAM AND INFORMATION



TD @ 3,908'

| · | | | | | | |
|--|---------------------------------------|--------|---------------------------------------|------------------|--------------------|----------|
| ubmit 3 Copies To Appropriate District | State of New | / Mex | kico | | Form (| C-103 |
| Office | Energy, Minerals and | Natur | al Resources | | Revised March 2 | 5. 1999 |
| District I 1625 N. French Dr., Hobbs, NM 88240 | | | | WELL API NO. | | <u> </u> |
| District II | | 1001 | | 30-025-03391 | | |
| 1301 W. Grand Ave., Artesia, NM 88210 | OIL CONSERVAT | | | 5. Indicate Type | of Lease | |
| District III | 1220 South St. | Fran | cis Dr. | | FEE | |
| 1000 Rio Brazos Rd., Aztec, NM 87410 | Santa Fe, NI | M 87 | 505 | 6. State Oil & C | | |
| District IV 1220 S. St. Francis Dr., Santa Fe, NM | · · · · · · · · · · · · · · · · · · · | | | B- 1400 | da Lease IVU. | |
| 87505 | | | | D- 1400 | | |
| SUNDRY NOTION | CES AND REPORTS ON WI | ELLS | | 7. Lease Name of | r Unit Agreement N | Jame: |
| (DO NOT USE THIS FORM FOR PROPOS | | | | State L | - | |
| DIFFERENT RESERVOIR. USE "APPLIC | ATION FOR PERMIT" (FORM C-1 | 01) FO | R SUCH | | | |
| PROPOSALS.) | | | | | | |
| 1. Type of Well: | | | | | | |
| Oil Well Gas Well | Other | | | 0 W-11 Ma | <u> </u> | |
| 2. Name of Operator | | | | 8. Well No. | 3 | |
| Citation Oil & Gas Corp. | | | | | | |
| 3. Address of Operator | | | | 9. Pool name or | Wildcat | |
| P O Box 690688 Houston, Texa | as 77269 | | · · · · · · · · · · · · · · · · · · · | Eumont | | |
| 4. Well Location | | | | | | |
| Unit LetterW: 660feet from | the South line and 1980feet: | from 1 | the East line | | | |
| | | | | • . | | |
| Section 1 Townsh | ip 21S Range 35E | | NMPM | County L | ea | |
| | 10. Elevation (Show wheth | er Dk | R, RKB, RT, GR, etc | | | |
| | 3606' DF | | | | | |
| 11. Check A | ppropriate Box to Indica | te Na | ture of Notice. | Report or Other | Data | |
| NOTICE OF IN | | | | SÉQUENT RE | | |
| | PLUG AND ABANDON | | REMEDIAL WOR | | ALTERING CAS | |
| | | | | | | |
| | CHANGE PLANS | | COMMENCE DRI | | PLUG AND | |
| | | | | | ABANDONMEN | г |
| PULL OR ALTER CASING | MULTIPLE | | CASING TEST AN | | | |
| _ | COMPLETION | _ | CEMENT JOB | _ | | |
| | - | | | | | _ |
| OTHER: Open additional perfs and | l frac. | 1 | OTHER: | | | |
| | | | | | | |

 $\{i,j\} \mapsto \{j,j\} \in \{1,\dots,n\}$

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12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Citation Oil & Gas Corp. request permission to open additional perforations, fracture treat the above named well and return it to production with the attached procedure.



| I hereby certify that the information above is true and comp | plete to the best of my knowledge and be | elief. |
|--|--|---|
| SIGNATURE Bridget Allkander | TITLE Regulatory Assistant | DATE7/15/04 Telephone No. 281-517-7309 |
| (This space for State use) | | Telephone No. 281-517-7509 |
| APPPROVED BY | TITLEPETROLEUM ENGIN | DATE EER JUL 2 2 2004 |

``

WORKOVER PROCEDURE

| PROJECT: State L #3 – OAP and Frac | | |
|--|-----------------------------------|--------|
| DRILLED & COMPLETED: <u>6/54</u> LAST V | VO: <u>2/76 – OAP and Acidize</u> | |
| LOCATION: 660' FSL & 1980' FEL Section 1 | -21S-35E | |
| FIELD: Eumont | COUNTY: Lea | STATE: |
| TD: 3,908' PBTD: 3,884' DATI | UM: 3572'GL KB: | 13' |

CASING AND LINER RECORD

| SIZE | WEIGHT | DEPTH | CEMENT | HOLE | TÒC | REMARKS |
|--------|--------|-------|--------|--------|------------|----------------|
| 8 5/8" | 32# | 354' | 250 sx | 11" | Surf | Circ??? |
| 5 1/2" | 15.5# | 3799' | 750 sx | 7 7/8" | 700' (Est) | Calc w/ 75% XS |

Producing Formation: Well SI'd. Seven Rivers (3698' – 3752') and Queen OH (3799' – 3908')

Rods: (4) 3/4" KD Rod Subs (6', 6', 4', 8'), (151) 3/4" KD Rods, (1) 3/4" KD Rod Sub (2'), 2" x 1 1/2" x 12' Pump

Tubing: (128) Jts 2 3/8" 4.7# J-55 Tbg, (1) Jt 2 3/8" 4.7# J-55 IPC Tbg, 2 3/8" SN, 2 3/8" Perf Sub and 2 3/8" BPMA

Note: Well SI'd w/ rods and tbg in well. 4 3/4" OH f/ 3799' - 3908'

PROCEDURE

- Notify NMOCD of planned work.
- > Use 2% KCl water for all water placed in wellbore.
- > Dig working pit w/ bank for circulating w/ air unit.
- Locate and rack 3800' 2 3/8" 4.7# J-55 eue 8rd production tbg.
- Locate and rack 3800' 2 7/8" 6.5# N-80 WS.
- Locate and rack 3600' 3 1/2" 9.3# N-80 WS.

> Move in American 160D from State M #3. Sheave for 7 SPM in 54" SL. Install 10 HP motor.

- 1. MIRU PU. POH w/ rods. (NOTE: Inspect rods and lay down as needed.) Kill tbg and csg w/ 2% KCL water if necessary.
- 2. ND WH. NU BOP. POH w/ 2 3/8" tbg. Lay down all tbg.
- 3. RIH w/ 4 3/4" MT skirted bit and 2 7/8" SN on 2 7/8" 6.5# N-80 WS to 3799' (Top of OH). Tally in hole. POH w/bit.
- 4. RU WL. RIH and set CIBP at +/- 3680'. POH w/ WL.
- 5. Load hole w/ 2% KCl and PT to 500#. (NOTE: If csg does not test, RIH w/ pkr to isolate leak.)

6. RIH w/ GR/CCL/CBL logging tools. Run GR/CCL/CBL f/ PBTD to TOC or minimum run. POH w/ logging tools. Evaluate log for cmt top. RD WL.

State L #3 – OAP and Frac Page 2 of 3

7. RU WL w/ full lubricator. RIH w/ 3 1/8" csg gun. Correlate to Schlumberger Gamma Ray Neutron log dated 6/15/54. Perf Yates / Seven Rivers w/ 1 JSPF (0.38") as follows:

| Perf Interval | Shots ` | Formation |
|---------------|---------|--------------|
| 3353' - 3414' | 62 | Yates |
| 3438' - 3446' | 9 | Yates |
| 3460' - 3466' | 7 | Seven Rivers |
| 3484' - 3490' | 7 | Seven Rivers |
| 3532' - 3550' | 19 | Seven Rivers |
| 3560' - 3586' | 27 | Seven Rivers |
| Totals | 131 | |

Total of 131 holes f/ (3353' - 3586'). POH w/ csg guns.

- 8. RIH and dump bail 2 sx cmt on CIBP @ +/- 3680' (10' cmt / sack). RD WL.
- RU hydrotesters. RIH w/ 5 1/2" Arrowset 1X Frac Pkr w/ Dual Direction flapper valves, P-110 Inner Flow Tube (2.0"ID) and T-2 On/Off tool, 2 7/8" SN and 6' x 3 ½" N-80 tbg sub on 3 1/2" 9.3# N-80 WS. Test tbg to 7000 psi AS (69% of new rating). Set pkr @ +/- 3600'. Test CIBP to 3000 psi. Release Pkr and PUH to +/- 3586' (btm perf).
- RU acid/frac company. Spot 250 gal 15% AS HCl acid across perfs. PUH w/ pkr to 3325' and reverse 5 bbls. Set pkr @ +/-3325'. Load csg w/ 2% KCl. Hold 500 psi on csg w/ pop off set at +/- 750 psi. Monitor csg throughout acid and frac job.
- Acidize Yates/ Seven Rivers (3353' 3586') w/ 3300 gal 15% AS HCL acid at +/- 10-15 BPM (No Diverter). Frac Yates / Seven Rivers (3353' 3586') as per service company recommendation using CO₂. Tag w/ IR-192 @ 0.5MC/1M# sand (74 day half-life). Record rates, max and min pressures and SIP's. (NOTE: Max pressure = 5500 psi. All sand tagged w/ IR-192.)
- Rlse On-Off Tool and sting out of Pkr. Check for backflow. PUH to 3300' (btm 2nd stage perf). Spot 300 gal double inhibited 15% AS HCl acid across 2nd stage interval (3052' - 3300'). POH w/ Inner Flow Tube and On-Off tool.
- 13. RU WL w/ full lubricator. Pressure csg to 500 psi w/ 2% KCl. RIH w/ 3 1/8" csg gun. Correlate to Schlumberger Gamma Ray Neutron log dated 6/15/54. Perf Yates w/ 1 JSPF (0.38") as follows:

| Perf Interval | Shots | Formation |
|---------------|-------|-----------|
| 3052' - 3076' | 25 | Yates |
| 3084' - 3114' | 31 | Yates |
| 3134' - 3154' | 21 | Yates |
| 3176' - 3182' | 7 | · Yates |
| 3218' - 3223' | 6 | Yates |
| 3227' - 3234' | 8 2 | Yates |
| 3257' - 3267' | 11 | Yates |
| 3277' - 3300' | 24 | Yates |
| Totals | 133 | |

Total of 133 holes f/ (3052' - 3300'). POH w/ csg guns.

- 14. RIH w/ 5 ½" RTTS Pkr, 2 7/8" SN AND X-Over on 3 1/2" WS to +/- 3300'. Spot 275 gal 15% AS HCl acid across perfs. PUH w/ pkr to 3000' and reverse 5 bbls. Set pkr @ +/-3300'.
- 15. Load csg w/ 2% KCl. Hold 500 psi on csg w/ pop off set at +/- 750 psi. Monitor csg throughout acid and frac job.
- Acidize Yates (3052' 3300') w/ 3300 gal 15% AS HCL acid at +/- 10-15 BPM (No Diverter). Frac Yates (3052' - 3300') as per service company recommendation using CO₂. Tag w/ SC-46 @

State L #3 – OAP and Frac Page 3 of 3

0.5MC/1M# sand (84 day half-life). Record rates, max and min pressures and SIP's. (NOTE: Max pressure = 5500 psi. All sand tagged w/SC-46.)

- 17. Flow back well to TT as per service company recommendation.
- RU SL. Set SL Tbg plug in 2 7/8" SN. Load and test 3 1/2" tbg w/ 2% KCL. Perf 3 1/2" tbg sub above SN. RD SL. RU and swab back load from annulus. RD swab. (NOTE: Perforate w/ SL Tbg punch.)
- 19. Rise Pkr. POH w/ 3 1/2" WS. LD Pkr and 3 1/2" WS.
- 20. RIH w/ 2 7/8" frac Pkr retrieving head and 2 7/8" SN on 2 7/8" WS to frac Pkr. RU foam air unit and clean out sand to Pkr. RD foam air unit. Latch onto Pkr and release. POH w/ frac Pkr and 2 7/8" WS.
- 21. TIH w/4 ³/₄" MT skirted bit and 2 7/8" SN on 2 7/8" WS. Tag for fill. RU foam air unit and clean out frac sand to PBTD. CHC, RD foam air unit. POH w/ bit and LD 2 7/8" WS.
- 22. RU WL w/ Lubricator. Run After Frac Spectra (dual isotope) GR Log f/ 2,700' PBTD. POH and RD WL.
- 23. Run 2 3/8" 4.7# J-55 eue 8rd production tbg string as follows: (NOTE: Tally in Hole. Set TAC w/ 10K Tension or 7" stretch. Will need to pick up all tubing.)

| QTY | ITEM | LENGTH | DEPTH |
|--------|-------------------------------------|--------|-------|
| TUBING | KB | 13' | 13' |
| 113 | Jts 2 3/8" 4.7# J-55 eue 8rd tbg | 3505' | 3518' |
| 1 | Jt 2 3/8" 4.7# J-55 eue 8rd IPC tbg | 31' | 3549' |
| 1 | 2 3/8" SN | 1' | 3550' |
| 1 | 2 3/8"x 4' TBG Sub | 4' | 3554' |
| 1 | Cavins D2301G Desander | 20' | 3574' |
| 2 | 2 Jts 2 3/8" BPMA | 62' | 3636' |

24. RU Swab. Swab well until clean fluid is produced. RD Swab.

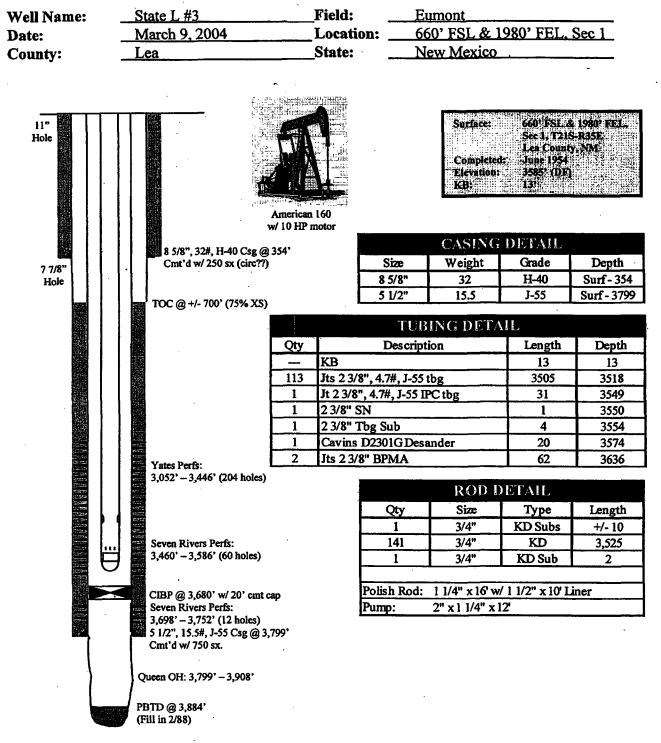
25. Run rod string as follows:

| RODS | | | |
|------|---------------------------------------|-----------|--|
| 1 | 1 1/4" x 16' PR w/ 1 1/2" x 10' Liner | 16' | |
| Set | 3/4" KD Rod Subs w/ SM couplings | 10' (+/-) | |
| 141 | 3/4" KD Rods w/ SM couplings | 3525 | |
| 1 | 3/4" KD Rod Sub w/ SM couplings | 2' | |
| 1 | 2" x 1 1/4" x 12' RHBC Pump | 12' | |

26. Load tbg w 2% KCl and pressure test pump. Space out and hang well on. Place pumping unit in 54" SL at +/- 7 SPM (Expected production rate +/- 49 BFPD @ 85% efficiency and 1 %" pump).

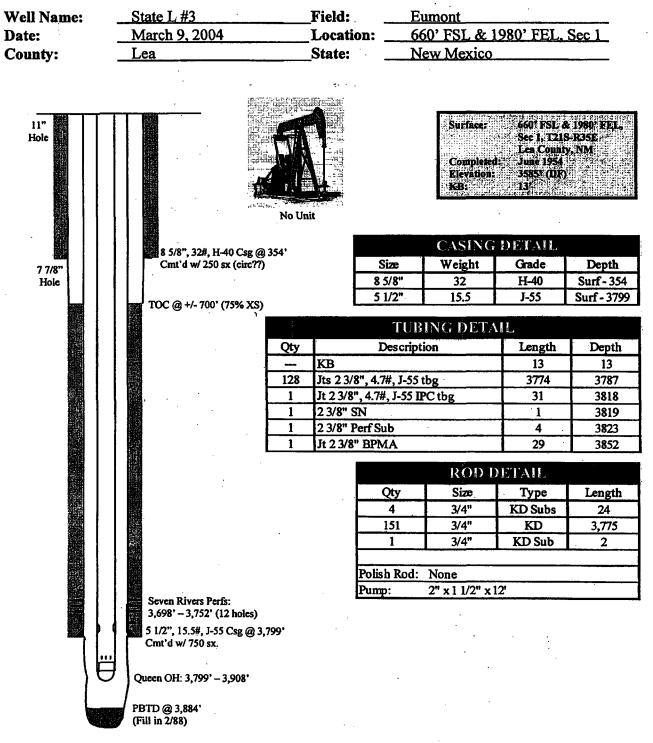
27. RD MO PU. Return well to production and place on test.

CITATION OIL AND GAS CORPORATION PROPOSED WELLBORE DIAGRAM AND INFORMATION



TD @ 3,908'

CITATION OIL AND GAS CORPORATION CURRENT WELLBORE DIAGRAM AND INFORMATION



TD @ 3,908'

New Mexico OIL CONSERVATION COMMISSION

P. O. BOX 871 SANTA FE, NEW MEXICO

December 30, 1953

GOVERNOR EDWIN L. MECHEM CHAIRMAN LAND COMMISSIONER E.S.WALKER

MEMBER State Geologist R.R.Spurrier Secretary and director

> Mr. L. E. Slagle Shell Oil Company Box 1957 Hobbs, New Mexico

> > Subject: Unorthodox Location - Shell Oil Company's State L-2 SE/4 Section 1, Township 21 South, Range 35 East Eumont Gas Pool.

File

Dear Sir:

Reference is made to your letter of December 10, 1953 pertaining to approval of an unorthodox location for the above captioned well.

Pursuant to authority granted me by the provisions of Order No. R-370-A, Rule 4, permission is hereby granted to produce this well in compliance with pool rules.

Very truly yours mier R. R. SPURRIER

Secretary and Director

RRS:vc

- cc: (1) Well File
 - (1) Unorthodox File
 - (2) OCC, Hobbs
 - (1) Gulf Oil Corp., Hobbs
 - (1) The Atlantic Refining Co., Midland