ABOVE THIS LINE FOR DIVISION USE ONLY

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NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS Application Acronyms: [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] **TYPE OF APPLICATION** - Check Those Which Apply for [A] [1] Location - Spacing Unit - Directional Drilling **⊠** NSP \square SD ⊠NSL SEVATION DE Check One Only for [B] and [C] Commingling - Storage - Measurement DHC \square CTB \square PLC \square_{PC} OLS □ OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] \square SWD ☐ IPI □ WFX □ PMX ☐ EOR ☐ PPR NOTIFICATION REQUIRED TO: - Check Those Which Apply, or \square Does Not Apply [2] ☐ Working, Royalty or Overriding Royalty Interest Owners [A] Offset Operators, Leaseholders or Surface Owner [B] ☐ Application is One Which Requires Published Legal Notice [C] □ Notification and/or Concurrent Approval by BLM or SLO [D] U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office ☐ For all of the above, Proof of Notification or Publication is Attached, and/or, [E] ☐ Waivers are Attached [F] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding [3] I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or

Note: Statement must be completed by an individual with supervisory capacity.

notification is cause to have the application package returned with no action taken.

Kay Maddox
Print or Type Name
Signature

Kay Maddo
Regulatory Agent
Title
Date



Mid-Continent Region Exploration/Production Conoco Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915) 686-5400

23 March **3**0, 2001

Mr. Michael Stogner New Mexico Oil Conservation Division 1220 S. Saint Francis Drive Santa Fe, New Mexico 87504

Application for Nonstandard Location Order Pool: Baish Wolfcamp (4480)

Conoco - Elvis # 4 API # 30-025-33949 Section 20, T-20-S, R-32-E, F 1660 FNL & 1866 FWL Lea County, NM Conoco – Elvis # 2 API # 30-025-33854 **Section 17: T-17-3**; **R-32-E,O** 770 FSL & 2306 FEL Lea County, NM

Dear Mr. Stogner,

Conoco respectfully requests your approval of this administrative application for a nonstandard location order for the above listed existing wellbores.

The Baish Wolfcamp pool rules state that the first well drilled on the 80 acre proration unit must be in the NE/4 or SW/4 of a governmental quarter section. The Elvis #4 is located in the SE/4 of the NW/4 of Section 20, and the Elvis #2 is in the SW/4 of the SE/4 thereby both wells are nonstandard. The pool rules also state that all wells shall be located within 150' from the center of each quarter-quarter section. Both wells are located outside of that boundary. When the recomplete sundry was filed for the Elvis #2 Conoco inadvertently overlooked the specific Baish Wolfcamp pool rules. Please see attached.

The Wolfcamp play in this area is based on the successful recompletion of the Elvis #2, January 21, 2000. The justification for attempting to recomplete the Elvis #4 nonstandard wellbore is as follows. The Elvis #4 is located within the MCA Unit's boundary in the SE/4 of the NW/4 of Section 20, T17S, R 32E, Lea County, New Mexico. Elvis No. 4 is currently loaded up and is only producing 3-5 MCFPD from the Cisco. The well was originally drilled to test the Strawn as a twin to the Elvis No. 1 based on shows and log analysis that indicated the Strawn would be commercial. The Strawn was cored and was found to be very tight with minimal porosity. It was tested as noncommercial and the Elvis No. 4 was completed up hole in the Cisco. The well has produced 22MBO, 43 MMCF and 4500 BW from the Cisco since August 1997. The upper Cisco was DST'd during drilling and the analysis indicated it was a limited reservoir. No recent BHP information exists, but well performance indicates this assumption is correct. The Wolfcamp is the next most prospective horizon moving up hole and three zones look more prospective than any others located below the cement top at 7950'. The Wolfcamp was completed in two zones in the Elvis # 2 in January 2000 and production averaged in excess of 30 BOPD and 30 MCFPD during 2000. This Wolfcamp completion should recover 68 MBO and 68 MMCFG gross over its life. These zones in Elvis No. 4 look similar on shows and logs, but are not the same intervals that are productive in the Elvis No. 2. Comparable reserves are anticipated and economics show the project has a 103 % ROR, a 2.36 PI, a \$269 M NPV and a 16.3 month discounted payout based on an average oil price and gas price respectively, of \$21.30 / BO and \$3.44 / MCF over the projects 12 year life. The economics assume gross Wolfcamp reserves of 63 MBO and 63 MMCF and no production or reserve recovery from returning the Cisco to production, since it appears to be depleted.

There are several other prospective zones behind casing lower in the Wolfcamp in the Elvis No. 4. There is a zone in the lower Wolfcamp that is at a depth comparable to the producing intervals in the Elvis No. 2 Wolfcamp completion. In the Elvis No. 4 this zone has a mud log show, but the logs indicate the zone is tight. The three zones recommended for completion in the Elvis No. 4 are at 8986-9006', 9465-85' and 9572-92'. All three zones had mud log shows. The lower zone's best porosity averages 9.5% over 5' and has an additional 6' above 10%. The 10% porosity interval is opposite a washout, so the log values are probably optimistic. The middle zone has 5' of 6.5% porosity, which again may be somewhat optimistic as it is opposite an enlarged section of borehole. There are two more zones with mud log shows at the top of the Wolfcamp, and the uppermost one looks most prospective. It has 5' above 6% porosity and another 5' of 4-6% porosity. A review of Conoco's other Wolfcamp producers indicate these zones have not been completed in most of the wells. The only real potential for this well is in the Wolfcamp and the zones selected are the best based on shows and log analysis.

When looking at the attached map it is evident that the Elvis # 4 well was drilled as a twin well to the Elvis # 1. The # 4 well was drilled to complete in the Strawn, which looked very prospective in the Elvis # 1. At the time the Elvis # 4 well was drilled, the Elvis # 1 was a very good Devonian producer. Conoco felt that the Devonian would continue to produce for an extended period of time thus delaying the development of the Strawn in this area. The Strawn was non-commercial in the Elvis # 4, which is why Conoco is currently seeking to recomplete into the Wolfcamp.

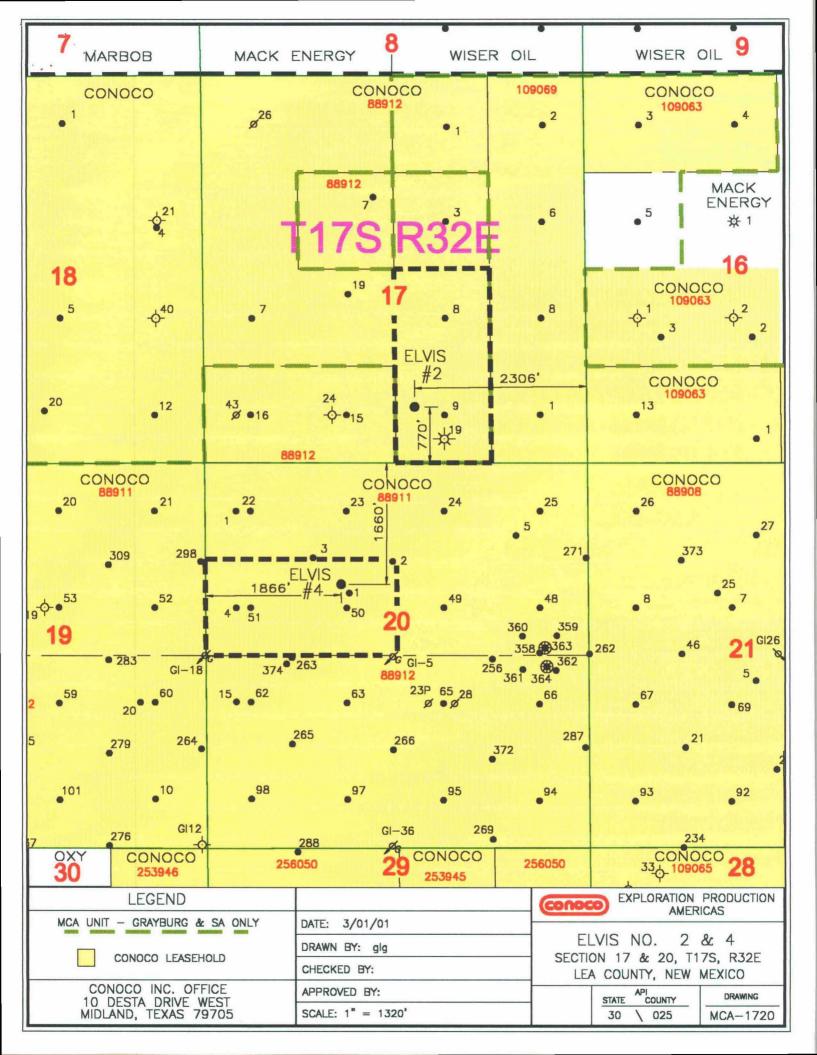
Please note that Conoco owns 100% of the deep rights in Section 17, 19, and Section 20, there is no offset operator notification required. The Elvis # 4 is within Conoco's MCA Unit however the Unit encompasses the Grayburg and San Andres only.

Conoco respectfully requests that an unorthodox location be granted for the Elvis # 4 and the Elvis # 2 in order to prevent waste by utilizing nonproductive existing wellbores. If any additional information is required please call me at (915) 686-5798.

Regulatory Agent – Conoco

Cc: New Mexico Oil Conservation Division - Hobbs

W. Thomas Kellahin - Legal Counsel



State Lease - 4 Copies

District I PO Box 1980, Hobbs. NM 88241-1980 State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994 instructions on back Submit to Appropriate District Office

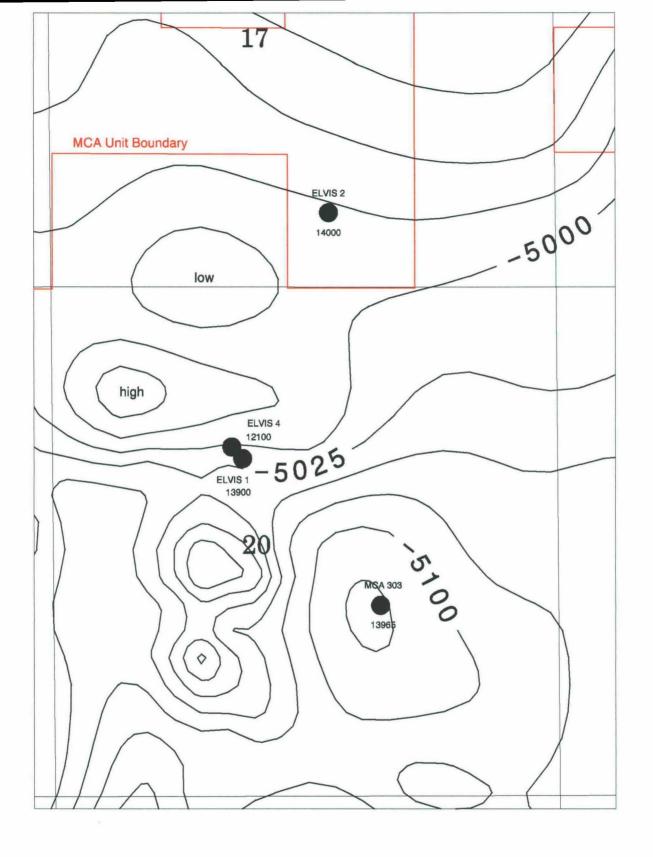
District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd. Aztec, NM 87410 District IV PO Box 2088, Santa Fe. NM 87504-2088

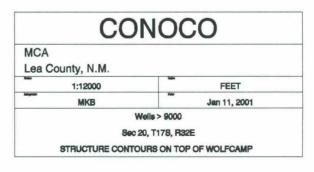
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

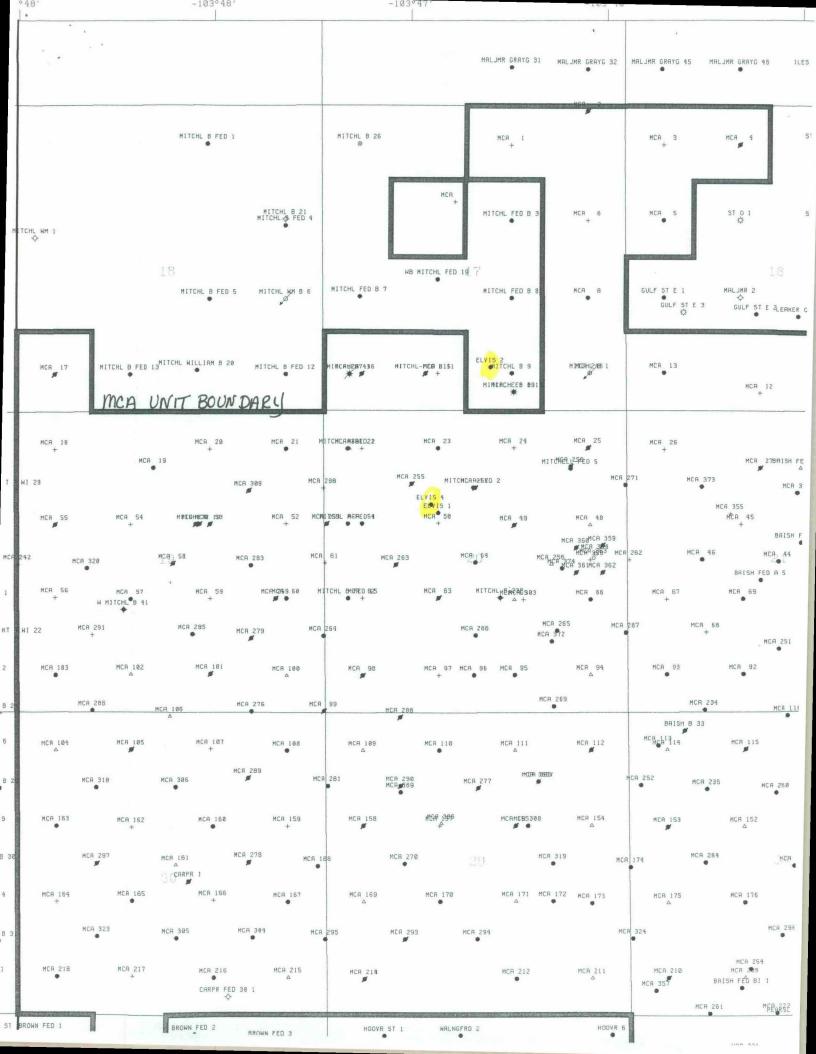
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AMENDED REPORT

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OPERATOR'S COPY

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| 36. I hereby certify th | at the foregoing | arid attache | d Information is con | plete and correct a | s determined from 915 684 | | records | | | |
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*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTR: BLM(6) NMOCD(1)

Form 3160-4 (November 1983) (formerty 9-330)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Budget Bureau No. 1004-0137

Expires August 31, 1985

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| | <u>v</u> (| | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | |

District I PO Box 1980, Hobbs. NM 88241-198 State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994 instructions on back

District II PO Drawer DD, Artesia, NM 88211-071 District III 1000 Rio Brazos Rd. Aztec, NM 8741

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

District IV PO Box 2088, Santa Fe. NM 87504-208

AMENDED REPORT

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BAISH-WOLFCAMP POOL Lea County, New Mexico 4480

Order No. R-2765, Adopting Operating Rules for the Baish-Wolfcamp Pool, Lea County, New Mexico, September 8, 1964.

Application of Continental Oil Company for Special Pool Rules, Lea County, New Mexico.

CASE No. 3097 Order No. R-2765

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on August 26, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 8th day of September, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Continental Oil Company, seeks the promulgation of special rules and regulations for the Baish-Wolfcamp Pool in Sections 21 and 22, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico, including a provision for 80-acre proration units.
- (3) That one well in the Baish-Wolfcamp Pool can efficiently and economically drain and develop 80 acres.
- (4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, special rules and regulations providing for 80-acre spacing units should be promulgated for the Baish-Wolfcamp Pool.
- (5) That the special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

IT IS THEREFORE ORDERED:

That Special Rules and Regulations for the Baish-Wolfcamp Pool are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE BAISH-WOLFCAMP POOL

RULE 1. Each well completed or recompleted in the Baish-Wolfcamp Pool or in the Wolfcamp formation within one mile thereof, and not nearer to or within the limits of another

designated Wolfcamp oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a single quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. The first well drilled on every standard or non-standard unit shall be located in the NE/4 or SW/4 of a governmental quarter section. All wells shall be located within 150 feet of the center of a governmental quarter-quarter section.

RULE 5. The Secretary-Director may grant an exception to the footage requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon, provided the well will be located no nearer than 330 feet to the outer boundary of the unit. All operators offsetting the proposed unorthodox location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 4.77 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

IT IS FURTHER ORDERED:

- (1) That any operator desiring to dedicate 80 acres to a well presently drilling to or completed in the Baish-Wolfcamp Pool shall file a new Form C-128 with the Commission on or before September 15, 1964.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deen necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 3097 Order No. R-2765

APPLICATION OF CONTINENTAL OIL COMPANY FOR SPECIAL POOL RULES, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 26, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 8th day of September, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Continental Oil Company, seeks the promulgation of special rules and regulations for the Baish-Wolfcamp Pool in Sections 21 and 22, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico, including a provision for 80-acre proration units.
- (3) That one well in the Baish-Wolfcamp Pool can efficiently and economically drain and develop 80 acres.
- (4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, special rules and regulations providing

-2-CASE No. 3097 Order No. R-2765

for 80-acre spacing units should be promulgated for the Baish-Wolfcamp Pool.

(5) That the special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

IT IS THEREFORE ORDERED:

That Special Rules and Regulations for the Baish-Wolf camp Pool are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE BAISH-WOLFCAMP POOL

- RULE 1. Each well completed or recompleted in the Balsh-Wolfcamp Pool or in the Wolfcamp formation within one mile thereof, and not nearer to or within the limits of another designated Wolfcamp oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.
- RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.
- RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a single quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.
- RULE 4. The first well drilled on every standard or non-standard unit shall be located in the NE/4 or SW/4 of a

-3-CASE No. 3097 Order No. R-2765

governmental quarter section. All wells shall be located within 150 feet of the center of a governmental quarter-quarter section.

RULE 5. The Secretary-Director may grant an exception to the footage requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon, provided the well will be located no nearer than 330 feet to the outer boundary of the unit. All operators offsetting the proposed unorthodox location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 4.77 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

IT IS FURTHER ORDERED:

- (1) That any operator desiring to dedicate 80 acres to a well presently drilling to or completed in the Baish-Wolfcamp Pool shall file a new Form C-128 with the Commission on or before September 15, 1964.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

-4-CASE No. 3097 Order No. R-2765

DONE at Santa Fe, New Mexico, on the day and year here: n-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

SEAL

esr/

| Township | 17 South | Range 32 E | ast | NMPM | |
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| Description: NW/4 Sec. 22, (R-2292,8-1-62). xt: NE/Sec. 21(l-2705,6-1-64) = SW Sec. 15 (R-304,1-1-66) Ext: 5E/4 Sec. 15 (R-5511, 9-1-77) Ext. NE/4 Sec. 15(R-11243,8-15-99) |
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| xt: NE Sec. 21(R-2705, 6-1-64) - 5W Sec. 15 (R-3014.1-1-66) |
| Ext: 5 /4 Sec 15 (R-5511, 9-1-77) Ext NEW Sec, 15(R-11243,9-15-89) |
| Ext: 5/25ec. 16.54/45ec. 17 (R-11475, 10-24-60) |
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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Supervisor, District 1

Lori Wrotenbery
Director
Oil Conservation Division

3/21/01

| | 3/21/01 | |
|---|--|------------------------------|
| OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501 | | |
| RE: Proposed: MC DHC NSL NSP SWD WFX PMX | | • |
| Gentlemen: | | |
| I have examined the application of the contraction | ation for the: # 4-F, 20-175-326 Elvis # 2-8, 17-175-326 Lease & Well No. Unit S-T-R | 30-025-33949 30-025-33954 |
| and my recommendations are | | |
| OV | as fortows: | |
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| Yours very truly, | | |
| Phris William (| PH) | |
| Chris Williams | | |

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CMD : OG5SECT

ONGARD

INQUIRE LAND BY SECTION

04/23/01 16:19:29

OGOMES -TPOW

PAGE NO: 1

Sec : 17 Twp : 17S Rng : 32E Section Type : NORMAL

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| PF07 BKWD PF08 FV | | PF10 SDIV PF11 | PF12 |
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Date: 4/23/2001 Time: 04:45:54 PM

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CMD : OG5SECT ONGARD

INQUIRE LAND BY SECTION

04/23/01 16:19:34

OGOMES -TPOW

PAGE NO: 2

Sec : 17 Twp : 17S Rng : 32E Section Type : NORMAL

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Page: 1 Document Name: untitled

CMD : ONGARD 04/23/01 16:20:12

OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPOW

Pool Idn : 4480 BAISH; WOLFCAMP OGRID Idn : 5073 CONOCO INC

Prop Idn : 19491 ELVIS

Well No : 002 GL Elevation: 4000

U/L Sec Township Range North/South East/West Prop/Act(P/A)

___ ___

B.H. Locn : O 17 17S 32E FTG 770 F S FTG 2306 F E A

Lot Identifier:

Dedicated Acre: 80.00

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 4/23/2001 Time: 04:46:38 PM

Page: 1 Document Name: untitled

CMD: 04/23/01 16:20:18

OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPOW

API Well No : 30 25 33854 Eff Date : 11-23-1999 WC Status : P

Pool Idn : 96662 MALJAMAR; DEVONIAN, WEST

OGRID Idn : 5073 CONOCO INC

Prop Idn : 19491 ELVIS

Well No : 002 GL Elevation: 4000

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : O 17 17S 32E FTG 770 F S FTG 2306 F E A

Lot Identifier:
Dedicated Acre:
Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

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ONGARD 04/23/01 16:20:40 CMD :

OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPOW

Page No : 1

API Well No : 30 25 33854 Eff Date : 11-13-1999

Pool Idn : 4480 BAISH; WOLFCAMP Prop Idn : 19491 ELVIS Well No: 002

Simultaneous Dedication: Spacing Unit : 52964 OCD Order : Sect/Twp/Rng : Acreage : 80.00 Revised C102? (Y/N) :

Dedicated Land:

S Base U/L Sec Twp Rng Acreage L/W Ownership Lot Idn J 17 17S 32E 40.00 N FD O 17 17S 32E 40.00 N FD

E0005: Enter data to modify or PF keys to scroll

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District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd. Aztic, NM 87410
District IV

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back:
Submit to Appropriate District Office
5 Copies

5 Copies

AMENDED REPORT

| | | QUEST F | nertor nam | ne and Address | | | | | | 2 OGRI | | er |
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| 23 PC 28185 | ор 527 | | | | | | | | • | | | |
| 23 PC 28185 | ов 527 omplet | | 26 Ready | Date | | | | | • | | | 29 Perforations |
| 28185 7. Well Co | ов 527 omplet | | 26 Ready 1-5-200 | Ì | | Se | | | 2E | | | 29 Perforations 9674'-9989' |
| 23 PG 28185 7. Well CG 25 Spud | ов 527 omplet | | 1-5-20 | Ì | ing Size | 27. TD | ec 20, T1 | | 2E 28 PBTD 13,715' | | | |
| 23 PG 28185 7. Well CG 25 Spud | 527 omplet | ion Data | 1-5-20 | 00 | ing Size | 27. TD | ec 20, T1 | 7S, R32 | 28 PBTD 13,715' Set | 565 sx | | 9674'-9989' |
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al. Oil Cons. Division

Form 3160-5 (June 1990)

1625 N. French Dr. **UNITED STATES** DEPARTMENT OF THE INTERIOR Hobbs, NM 88240

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31,1993

BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No.

LC 029405B 6. If Indian, Allotee or Tribe Name

| SUNDRY NOTICES AND REPORTS ON WELI | SUNDRY | NOTICES AND | REPORTS | ON WELLS |
|------------------------------------|--------|-------------|---------|----------|
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Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals

7. If Unit or CA, Agreement Designation

Change of Plans New Construction Non-Routine Fracturing

Water Shut-Off

Conversion to Injection Dispose Water Note: Report results of multiple comple

| SUBMI | T IN TRIPLICATE | |
|---|------------------------------------|---|
| 1. Type of Well | | |
| Well Gas Other | | 8. Well Name and No. |
| 2. Name of Operator | | Elvis, Well #2 |
| Conoco, Inc. | | 9. API Well No. |
| 3. Address and Telephone No. | | 30-025-33854 |
| 10 Desta Drive Ste. 100W, Midland, Tx. 7 | 79705-4500 (915) 686-5580/684-6381 | 10. Field and Pool, or Exploratory Area |
| 4. Location of Well (Footage, Sec., T. R. M. or Survey De | escription) L300 | Undesignated Baish Wolfcamp |
| 770' 1 | 11. County or Parish, State | |
| Sec | 17, T17S, R32E | Lea, N.M. |
| 12 CHECK APPROPRIATE BOX | (s) TO INDICATE NATURE OF NOTICE, | REPORT, OR OTHER DATA |
| TYPE OF SUBMISSION | TYPE OF A | ACTION |

Completion or Recompletion Report and Log form 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled. give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Plugging Back Casing Repair

Altering Casing

11/23/99: POOH w/RBP (13,826') & tubing. Rig up wireline, set CIBP @ 13,750', ran in hole with bail and dumped 35' cement on top of CIBP. POOH w/bailer, rig down wireline & SION.

11/24/99: RIH w/tubing & RBP, RBP @ 10,100', spot 300 gals acid & flush w/ 58 bbls 2% KCL, POOH w/tbg, drop sand &SI. 11/29-30/99: Rig up wireline, perforated from 9674-9989' w/4 shots /ft. Rig down wireline & RIH w/packer & tubing, set packer @ 9875' began swabbing. SION.

12/1-8/99: Rigged up BJ, pumped 1000 gals acid, swabbing.

12/9-14/99: Rigged up BJ - 7500 gals acid & 60 bbls 2% KCL. Swabbing.

BUM

12/15/99: Rigged up BJ, pumped 292 bbls 2% KCL & 7 bbls 10% acid, flushed w/61 bbls 2% KCL, POOH w/tubing, rigged up wireline - perforated from 9690-9714' w/4 shots/ft.. rigged down wireline. RIH w/packer to 9617'. SION.

12/16/99: Rigged up BJ, tested casing, pumped 30 bbls acid. SI.

12/21/99: Rigged up BJ, tested lines, tested casing, pumped 60 bls acid & ball sealers, flushed w/60 bbls 2% KCL, pumped 10,000 gals cross link acid. Flushed w/60 bbls 2% KCL, rigged down BJ Services. SI.

12/22-23/99: Swabbing. SI for holiday.

Notice of Intent

12/28/99: RIH w/tubing, landed SN @ 10,028', tbg anchor @ 9492'.ND BOP, NU wellhead. SION.

12/29-31/99: RIH w/rods, pump, spaced well out, set pumping unit, electrical hook up.

| 14. I hereby certify that the foregoing true and the foregoing true and the foregoing true and the foregoing true and the foregoing true and the foregoing true and the foregoing true and true | Title | Ann E. Ritchie Regulatory Agent | Date | 1-21-2000 |
|---|---------|------------------------------------|------|-----------|
| (This space for Federal or State office use) | | | | |
| Approved by | Title _ | | Date | • |

BLM(6)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its junsdiction

N. M. Oll Cons. Division Form 3160-4 DEPARTMENT OF THE INTERIOR NM 88240 Budget Bureau No. 1004-0137 (November 196.) Expires August 31, 1985 (formerty 9-330) 5. LEASE DESIGNATION AND SERIAL NO. LC 029405B WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1 a. TYPE OF WELL: OIL GAS 7. UNIT AGREMENT NAME WELL X WELL DRY OTHER 1b. TYPE OF COMPLETION: 8. FARM OR LEASE NAME DEEP-Elvis, Well #2 NE WORK en OVER BACK RESVR OTHER WELL 9. API NO. 30 025 33854 2. NAME OF OPERATOR CONOCO INC 10. FIELD AND POOL,, OR WILDCAT 3. ADDRESS OF OPERATOR Undesignated Baish Wolfcamp 10 DESTA DR. STE 100W, MIDLAND, TX. 79705-4500 (915) 686-5580/684-6381 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* 11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA At surface 770' FSL &-2366' FEL 23061 " Sec 17, T17S, R32E At top prod. interval reported below 13. STATE 12. COUNTY OR PARISH At total depth -14. PERMIT NO DATE ISSUED Lea NM 16. Date T.D. Reached 17. DATE COMP (Ready to prod) 18. ELEVATIONS (DF,RKB,RT,GR,ETC.) 19. ELEV. CASINGHEAD 15. Date Spudded 3-8-97 5-13-97 RC:1-5-2000 4000' GR 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., 23. INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY DRILLED BY 13,715' X 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)* 25. WAS DIRECTIONAL Wolfcamp @ 9674-9989' & 9690'-9714' SURVEY MADE 9974 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED GR/CBL/VDL/CCL/Radial Bond no CASING RECORD Report all strings set in well **CASING SIZE** WEIGHT, LB.IFT DEPTH SET MD **HOLE SIZE** CEMENTING RECORD Amount Pulled 13 3/8" 48# 675 none 17 1/2' 565 sx 9 5/8" 40# 4588 12 1/4 2085 sx none 14,000 8 1/4" 3617 sx none 29 LINER RECORD TUBING RECORD 30 TOP (MD) BOTTOM (MD) | SACKS CEMENT SCREEN (MD DEPTH SET (MD PACKER SET (MD 2 7/8 10,028 31. PERFORATION RECORD (Interval_size and number) ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc. DEPTH INTERVAL MD AMT. AND KIND OF MATERIAL USED 9674-9989' w/ 4 shots/ft, 9690-9714' w/4 shots/ft. 9674'-9989' 1000 gals HCL, 85 bbls acid, 7500 gals acid, 9974 & 60 bbls 2% KCL flush,292 bbls 2% HCL 30 & 60 bbls acid, w/60 bbls flush w/ball seaiers 10,000 gals cross link acid PRODUCTION PRODUCTION METHO (Flowing, gas Iffy pumping - size and type of pump) DATE FIRST PRODUCTION WELL STATU (Producing or 11-30-99 pumping **PROD** shut-in) HOURS TESTED DATE OF TEST **CHOKE SIZE** PROD'N. FOR OIL-BBL. GAS MCF WATER - BBL GAS-OIL RATIO 1-12-2000 24 175 85 75 **TEST PERIOd** 882 CASING PRESSURE CALCULATED BRI GAS - MCF WATER -- BBL FLOW TUBING PRESS OIL GRAVITY-API (CORR.) 57 24-HOUR RATE 34. DISPOSITION OF GAS (Sold, used for fuel, vented, eta) TEST WITNESSED BY sales 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached on is complete and correct as datermined from all available records DATE 1-21-2000 TITLE Regulatory Agent SIGNED

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division 1625 N. French Dr. Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31,1993

Expires: March 31,1993

5. Lease Designation and Serial No.

| | | LC 029405B |
|--|---|--|
| Do not use this form for proposals to di | AND REPORTS ON WELLS rill or to deepen or reentry to a different reservoir. OR PERMIT—" for such proposals | 6. If Indian, Allotee or Tribe Name |
| SUBMI | T IN TRIPLICATE | 7. If Unit or CA, Agreement Designation |
| 1. Type of Well Oil Gas Well Other | | 8. Well Name and No. |
| 2 Name of Operator | | Elvis, Well #2 |
| Conoco, Inc. 3. Address and Telephone No. | | 9. API Well No. 30-025-33854 |
| 10 Desta Drive Ste. 100W, Midland, Tx. 7 | 79705-4500 (915) 686-5580/684-6381 | 10. Field and Pool, or Exploratory Area |
| 4. Location of Well (Footage, Sec., T. R. M. or Survey De | scription) 2.30 É (| Undesignated Baish Wolfcamp |
| - | FSL & 2366 FEL 17, T17S, R32E | 11. County or Parish, State Lea, N.M. |
| CUECK ADDDODDIATE DOV | · · · · · · · · · · · · · · · · · · · | <u> </u> |
| | (s) TO INDICATE NATURE OF NOTICE, REPO | KI, OR OTHER DATA |
| TYPE OF SUBMISSION | TYPE OF ACTION | —————————————————————————————————————— |
| Notice of Intent | Abandonment | Change of Plans |
| Subsequent Report | Recompletion Plugging Back | New Construction Non-Routine Fracturing |
| | Casing Repair | Water Shut-Off |
| Final Abandonment Notice | Altering Casing | Conversion to Injection |
| | Other — | Dispose Water Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form) |
| Elvis, Wells # 1, 2 and 4 began with swab Section 20, Tl7S, R32E, Unit Ltr F, Lea C | nendment) dated January 10, 2000, please be notified the bing of the recompletion of the Elvis #2, 11-30-99. The County, NM. The battery is authorized to commingle property, West Maljamar-Devonian (96662) & Undesignated Bank 27 | e tank battery facility is located in oduction from the Baish-Cisco aish Wolfcamp (Oil-4480) pools. |
| 14. I hereby certify that the foregring uses and correct. Signed (This space for Federal or State office use) Approved by Conditions of approval if any: | Ann E. Ritchie Title Regulatory Agent Title | Date 1-24-2000 |
| BLM(6) | | |
| Title 18 U.S.C. Section 1001, makes it a crime for any person k | nowingly and willfully to make to any department or agency of the United | States any false, fictitious or fraudulent statements |

or representations as to any matter within its junsdiction.

.... Interior On Conservation Division, District I 1625 N. French Drive

(Ji

UNITED STATES by, NM 88240

FORM APPROVED

| une 1990) | · · | NT OF THE INTERIOR | Budget Bureau No. 1004-0135 Expires: March 31,1993 |
|---------------------------|-----------------------------|--|---|
| | BUREAU OF | LAND MANAGEMENT | 5. Lease Designation and Serial No. |
| | | | LC029405B |
| | orm for proposals to di | AND REPORTS ON WELLS ill or to deepen or reentry to a different reserve OR PERMIT—" for such proposals | 6. If Indian, Allotee or Tribe Name |
| | SUBMI | T IN TRIPLICATE | 7. If Unit or CA, Agreement Designation |
| I. Type of Well | | | |
| Well Gas | Other | | 3. Well Name and No. |
| . Name of Operator | | | Elvis, Well #2 |
| Conoco, Inc. | | | 9. API Well No. |
| . Address and Telephone ? | | | 30-025-33854 |
| 10 Desta Drive S | te. 100W, Midland, Tx. | 79705-4500 (915) 686-5580/684-6381 | 10. Field and Pool, or Exploratory Area |
| Location of Well (Foots | Undesignated Baish Wolfcamp | | |
| | 11. County or Parish, State | | |
| | Lea, N.M. | | |
| CHECK | APPROPRIATE BOX | s) TO INDICATE NATURE OF NOTICE, REF | PORT, OR OTHER DATA |
| TYPE OF | SUBMISSION | TYPE OF ACTION | ON |
| | | | |

Surface Commingling Dispose Water s: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled,

give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plugging Back

Please see attached the application for surface commingling for the recompletion of the Elvis, Well #2 to the Baish Wolfcamp pool.

SEE ATTACHED FOR COMPITIONS AS ADDOOMA

Change of Plans New Construction

Non-Routine Fracturing Water Shut-Off Conversion to Injection

| | -> *= # # # # # # # # # # # # # # # # # # | | OI METAGRA |
|--|---|------|---|
| | | | and an industry was the distance of the property of the second second second second second second second second |
| 14. I hereby certify that the forestime is the electrocect. Signed Mill (MMU) Title | Ann E. Ritchie Regulatory Agent | Date | December 17, 1999 |
| (This space for Federal or State office use) (ORIG. SGD.) ALEXIS C. SWOBODA Approved by Conditions of approval if any: | PETROLEUW ENGINEER | Date | DEC 21 1999 |
| 751 AA(B) | | | |

December 16, 1999

New Mexico Oil Conservation Commission Department of Energy and Minerals State of New Mexico P.O. Box 2088 Santa Fe, NM 87501

Att: Mark Ashley, Engineering

RE: Conoco, Inc., Elvis, Well #2, Section 17, T17S, R32E, Unit Letter O, 770' FSL & 2306' FEL, Lea County, New Mexico: Surface Commingling Application

Dear Mark,

Conoco, Inc., is requesting administrative approval to surface commingle production incurred from the recompletion from the Maljamar, West Devonian pool (please see Sundry Notice attached concerning Devonian completion) to the Undesignated Baish Wolfcamp pool. We are requesting that this addition be made to PLC-132.

As explained in the "Justification" enclosed, the Elvis #2 well has been shut-in since the unsuccessful recompletion in 1997 in the Devonian pool. The gravities and pricing are explained in the "Justification". As explained, the production will be metered prior to sales.

The listing of the ownership and working interest for the Elvis lease is enclosed. Lease and battery plats are attached for your review and file along with information pertaining to the value comparisons for each pool.

Please let me know if you need any further information in review of this application. Thank you.

Yours truly,

Ann E. Ritchie, Regulatory Agent

1-800-432-2967, (915) 684-6381, (915) 682-1458-fax, e-mail: ARitc19676@aol.com

Conoco. Inc.

10 Desta Dr., Suite 100W Midland, TX 79705-4500

Attachments

Cc: Reesa Wilkes-Conoco/Midland; Bureau of Land Management-Roswell, NM

Elvis No. 2 Lease - Surface Commingling Baish-Wolfcamp

Conoco Inc. is seeking permission to add another horizon to its surface commingling order for its three Elvis wells located in Sections 17 and 20, T17S, R32E, Lea County, New Mexico (see plat attached). The Elvis No. 2 well has been shut in since it tested wet in the Baish-Devonian in 1997. This well was tied into the Elvis Central Tank Battery at this time and still has these lines in place. The Elvis No. 2 well appears to have good potential in the Undesginated Baish-Wolfcamp and a recompletion to this zone is expected to occur in November 1999. Since none of the other wells are completed in this horizon, the current Amended Commingling Order PLC-132 does not authorize Conoco to surface commingle production from the Baish-Wolfcamp horizon. It does authorize Baish-Devonian production from the Elvis No. 2 lease to be surface commingled with the Elvis Nos. 1 and 4 lease production.

The Baish-Wolfcamp horizon is productive is this area and produces sweet 39.2 degree API crude and sweet gas with a specific gravity of 0.999, a 1656 gross dry BTU/ Cu.Ft. content, and a 12.7 GPM. Similar oil and gas characteristics are anticipated from the Baish-Wolfcamp recompletion in the Elvis No. 2 well. The Elvis Nos. 1 and 4 produce sweet crude at an average gravity of 48 degrees API and gas that has a 0.967 specific gravity, a 1570 gross dry BTU/ Cu.Ft. content, and a 14.4 GPM. Conoco's Crude Oil Trading Department purchases this crude based on a 40 degree API price. Normally any crude with API gravity above 45 is penalized, but that is not the case for these wells. Thus, the commingling of these oils should have a neutral impact on the price received for the oil production from the Elvis No. 2 Baish-Wolfcamp recompletion. As for any gas production from the Baish-Wolfcamp zone, the gas gravity, BTU content, and GPM will be taken periodically to assure the proper value is being determined for this gas and accurate royalties paid.

Each of the Elvis wells, including the Elvis No. 2, has a separate flow line that carries their produced fluids to the Elvis Central Tank Battery. At the Elvis Central Tank Battery located in Unit Letter "F", Section 20, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico, each well has its own treating vessels. The produced fluids are not commingled until after they are metered. The metered oil, gas, and water volumes are used to allocate the appropriate sales volumes back to each of the wells. The oil is sold through a single master meter on a LACT unit and natural gas is sold through a master EFM meter. This set up assures proper volume allocation of oil, gas and water to each well and lease takes place.

Conoco, Inc.
Elvis, Well #2
Sec 17, T17S, R32E, Lea County, New Mexico
Surface Commingling Application

Copies of the Surface Commingling Application request and justification have been sent to the working, royalty and overriding royalty interests owners as listed on the "Current Ownership Pay List" for the Elvis lease on December 17, 1999.

Ann E. Ritchie, Regulatory Agent

Conoco, Inc.

10 Desta Dr., Suite 100W Midland, TX 79705-4500

I NO: B8076-01

CURRENT OWNERSHIP PAY LIST

RUN TIME: 15.29.28 RUN DATE: 12/06/1999 PAGE:

PREPARED BY: CARL SHERRIL

| (LEASE/TRACT/POOL/WELL): 6987045 | _ | ELVIS #2 |
|----------------------------------|---|----------|
| | | |

TE: 32 NEW MEXICO /TOWNSHIP /RANGE

TRACT ALLOCATION OIL = 0.5000000 GAS = 0.5000000

1STDESCRIPTION:

32E

OWNER NUMBER 62814900-21

> QTR/QTR/QTR/QTR 5 DESCRIPTION REMARKS

COUNTY: 025 LEA

73-6094820 SSN/TAX ID BUFFALO OIL COMPANY BANK OF OKLAHOMA NA NAME AND ADDRESS TRUSTEE LIQUIDATION STOCKHOLDERS

GAS

0.0437500 PP 0.0437500 PP

γq

PAY PAY 1 1

PROD TYPE

-- INTEREST --

DECIMAL TYPE

PAY STATUS

PO BOX 1588 TULSA OK 74101-1588

99997900-18 99999900-74 73-0196000 53-0196958 P O BOX 5810 CONOCO DENVER ONSHORE FEDERAL #17555 MINERALS MGT SERVICE CO 80217-5810 74603-0001 GAS GAS OIL 0.1250000 0.8312500 0.8312500 0.1250000 RI E E

TOTAL GAS ----> 1.0000000 1.0000000

PY Yd

PAY PAY

74 74 PAY

************** *****************

END OF REPORT

DIVISION OF INTEREST SENT TO YOU AS A COURTESY WITH THE UNDERSTANDING THAT

CONOCO INC. CANNOT BE RESPONSIBLE IF YOU SHOULD RELY ON SAME TO YOUR DETRIMENT.

PAY: DISBURSEMENTS AUTHORIZED; N/PY: NON-PAY, TITLE INFORMATION ONLY; HOLD: SEE EXPLANATION ABOVE *****

* * * * * * * * * * * *

| NO: 88076-01 | |
|----------------------------|--|
| CURRENT | |
| CURRENT OWNERSHIP PAY LIST | |
| PAY LIST | |

RUN DATE: 12/06/1999 RUN TIME: 15.30.10

PREPARED BY: CARL SHERRIL

GAS - 0.5000000

TRACT ALLOCATION OIL = 0.5000000

QTR/QTR/QTR/QTR ş DESCRIPTION REMARKS

COUNTY: 025 LEA

TE: 32 NEW MEXICO TOWNSHIP / RANGE

(LEASE/TRACT/POOL/WELL): 6987045

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ELVIS #2

1STDESCRIPTION:

73-0717296 SSN/TAX ID J H MORRIS AGENT UAD 11-4-97 NAME AND ADDRESS

GAS

0.0700000 ORI 0.0700000 ORI

PD PD

PAY DISTR PAY DISTR PAY STATUS

PROD TYPE

-- INTEREST -- |

DECIMAL TYPE

22755800-81 OWNER NUMBER

C/O BANK OF OKLAHOMA PO BOX 1588

TULSA

OK 74101-1588

ONSHORE FEDERAL #17555 P O BOX 5810 MINERALS MGT SERVICE

GAS

0.1250000 0.1250000

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PAY

99997900-18

53-0196958

99999900-74

73-0196000

CONOCO

DENVER

CO 80217-5810

0.8050000

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0.8050000

GAS

74603-0001

γq PAY

1.0000000

TOTAL GAS ----> 1.0000000

********** END OF REPORT

DIVISION OF INTEREST SENT TO YOU AS A COURTESY WITH THE UNDERSTANDING THAT

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* * * * * **** * * * *

RUN DATE: 12/06/1999 PA RUN TIME: 15.28.40 PREPARED BY: CARL SHERRIL

(LEASE/TRACT/POOL/WELL): 6987044

TE: 32 NEW MEXICO COUNTY: 025 LEA

T0 DESCRIPTION REMARKS

BELOW 7500'

QTR/QTR/QTR/QTR NW DESCRIPTION:

/TOWNSHIP /RANGE 17S 32E

ELVIS #1 (and *4)

| OWNER NUMBER | SSN/TAX ID | NAME AND ADDRESS | PROD TYPE | , 03 | TYPE | : | PAY STATUS |
|--------------|-------------|--|--------------|------------------------|------------|------------|------------|
| | | 513 POWELL AVE CRESSON PA 16630-1314 | TIO | 0.0013889 | ORI | ΡY | PAY |
| 04946300-00 | 066-14-1294 | HENRY W BEARDSLEY TRUST FIRST UNION NATL BK TRST U/T/A DTD 5-6-83 TREM/FL0135 PO BOX 40062 FL0135 JACKSONVILLE FL 32203-0062 | GAS OIL | 0.0053571 0.0053571 | ORI ORI | PY | рау Рау |
| 13142501-41 | 525-48-2331 | AUSTIN FAMILY TRUST DTD 3-22-95 IRVING G AUSTIN & MARGARET A AUSTIN TRSTEE 24992 NELLIE GAIL RD LAGUNA HILLS CA 92653-5822 | GAS | 0.0026786 0.0026786 | ORI ORI | प्रव ४व | PAY PAY |
| 13955800-95 | 06-0646917 | STAMFORD HOSPITAL TREASURERS OFFICE PO BOX 9317 STAMFORD CT 06904-9317 | GAS | 0.0023810 0.0023810 | ORI ORI | PY Y | PAY PAY |
| 14401340-29 | 183-44-0208 | KAREN ELIZABETH CHARLES 110 HUDSON AVE ALTOONA PA 16602-4914 | GAS OIL | 0.0013888 0.0013888 | ORI | Уq | PAY |
| 16385100-84 | 525-14-0424 | NANCY CARTER TERESA LAGGNER CONSERVATOR PO BOX 3659 LA MESA CA 91944-3659 | GAS | 0.0013393 | ORI ORI | УЧ | PAY |
| 30520800-32 | 04-6843874 | ANNE M ELLIOTT ESTATE HARRY B ELLIOTT PERS REP PO BOX 161 DORSET VT 05251-0161 | GAS OIL | 0.0026785 0.0026785 | ORI ORI | 79 | PAY PAY |

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DIVISION OF INTEREST SENT TO YOU AS A COURTESY WITH THE UNDERSTANDING THAT

CONOCO INC. CANNOT BE RESPONSIBLE IF YOU SHOULD RELY ON SAME TO YOUR DETRIMENT.

PAY: DISBURSEMENTS AUTHORIZED; N/PY: NON-PAY, TITLE INFORMATION ONLY; HOLD: SEE EXPLANATION ABOVE

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|-----|
| 8 |
| 076 |
| -01 |
| • |

LEASE/TRACT/POOL/WELL): 6987044

ELVIS #1

CURRENT OWNERSHIP PAY LIST

2

RUN DATE: 12/06/1999 PARUN TIME: 15.28.40
PREPARED BY: CARL SHERRIL

| 79157600-27 | 64763800-97 | 62814900-21 | 62334500-31 | 60022000-86 | 57844700-12 | 56554500-12 | 54008300-13 | OWNER NUMBER |
|--|--|---|---|---|---|--|--|--|
| 190-48-8117 | 448-16-7567 | 73-6094820 | 05-0258809 | 449-80-4328 | 86-6208106 | 211-24-0464 | 75-2220418 | SSN/TAX ID |
| KATHERINE MARY SCOTT 809 SHERIDAN ST ALTOONA | LUCY MCCARLEY 4463 SPRINGMOOR CR RALEIGH | BUFFALO OIL COMPANY LIQUIDATION STOCKHOLDERS BANK OF OKLAHOMA NA TRUSTEE PO BOX 1588 TULSA OK | BROWN UNIVERSITY INVFSTMENT OFFICE BOX C PROVIDENCE | C LOUIS RENAUD PO BOX 10015 MIDLAND | BETTY B STROHMEYER EST JAMES S STROHMEYER PERSONAL REPRESENTATIVE 5311 E 5TH ST TUCSON AZ | MARGARET MASTERS 47 OAKWOOD DRIVE WORMLEYSBURG | SOUTHWEST ROYALTIES INSTITUTIONAL FUND VIII-B L P PO BOX 970613 DALLAS | NAME AND ADDRESS |
| T PA 16602-5440 | NC 27615-5707 | LDERS OK 74101-1588 | RI 02912-0001 | TX 79702-7015 | EST FIVE AZ 85711-2331 | PA 17043-1134 | TX 75397-0613 | CT 06850-3894 |
| GAS OIL | GAS OIL | GAS OIL | GAS | GAS OIL | GAS OIL | GAS OIL | GAS OIL | PROD TYPE GAS |
| 0.0013888 0.0013888 | 0.0013392 0.0013392 | 0.1750000 0.1750000 | 0.0023809 0.0023809 | 0.0006250 0.0006250 | 0.0041667 0.0041667 | 0.0291668 0.0291668 | 0.0008036 0.0008036 | DECIMAL TYPI 0.0023810 ORI 0.0023810 ORI |
| ORI ORI | ORI ORI | व व व | ORI ORI | ORI ORI | ORI ORI | ORI ORI | ORI ORI | T TYPE ORI ORI |
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| PAY | PAY PAY | PAY | PAY PAY | PAY PAY | PAY | PAY PAY | PAY PAY | PAY STATUS |

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DIVISION OF INTEREST SENT TO YOU AS A COURTESY WITH THE UNDERSTANDING THAT

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|----------|--|
| B8076-01 | |

CURRENT OWNERSHIP PAY LIST

PAGE:

RUN DATE: 12/06/1999 PA RUN TIME: 15.28.40 PREPARED BY: CARL SHERRIL

(LEASE/TRACT/POOL/WELL): 6987044

ELVIS #1

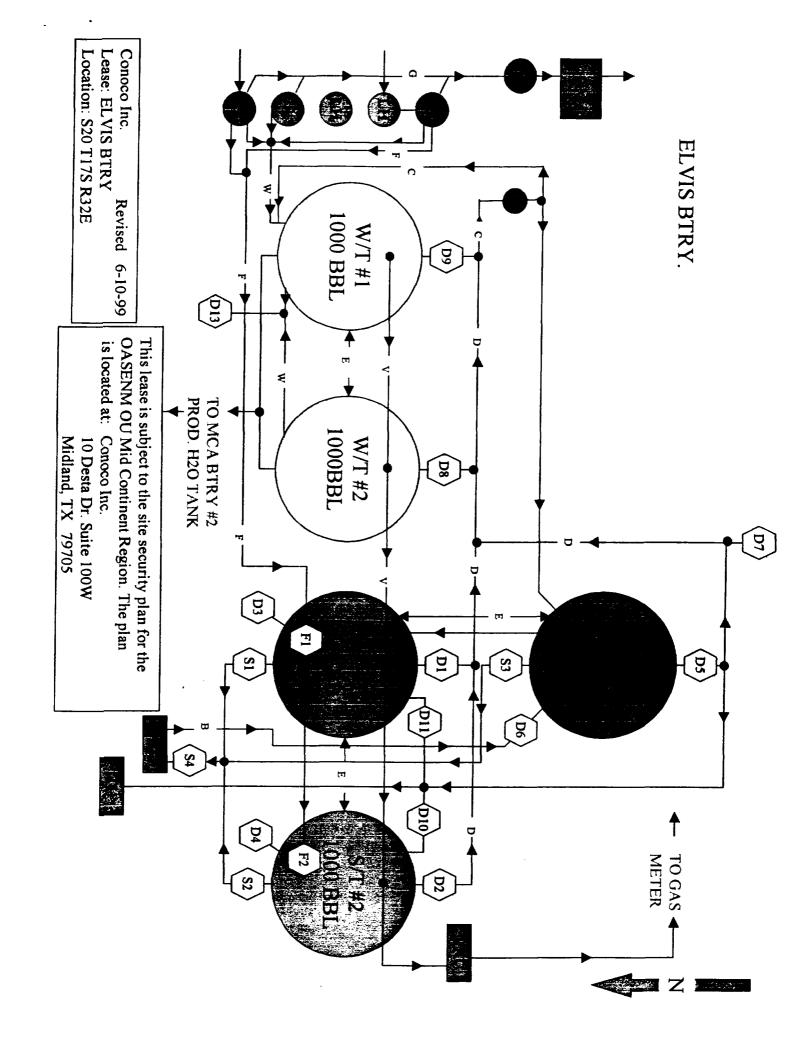
| OWNER NUMBER | SSN/TAX ID | NAME AND ADDRESS | PROD | INTEREST DECIMAL TYPE | TYPE | | PAY STATUS |
|--------------|-------------|--------------------------|------|---|------|-----|-------------------------|
| | | 1 2 1 4 4 8 8 8 8 8 | | 1 | 1 | 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 |
| 91711600-63 | 040-22-0311 | WILLIAM LAWRENCE KING JR | GAS | 0.0026786 | ORI | γq | PAY |
| | | REVOC TR DTD 3-16-94 | 110 | | ORI | γq | PAY |
| | | WILLIAM L KING JR TRSTEE | | | | | |
| | | PO BOX 278 | | | | | |
| | | DORSET VT 05251-0278 | | | | | |
| | | | | | | | |
| 99997900-18 | 53-0196958 | MINERALS MGT SERVICE | GAS | 0.0500000 | RI | ΡY | PAY |
| | | ONSHORE FEDERAL #17555 | 110 | 0.0500000 | RI | ΡY | PAY |
| | | P O BOX 5810 | | | | | |
| | | DENVER CO 80217-5810 | | | | | |
| 99999900-74 | 73-0196000 | CONOCO | GAS | 0.0128572 | ORI | γq | PAY |
| | | 74603-0001 | GAS | 0.7000000 | E | γq | PAY |
| | | | 110 | | ORI | PΥ | PAY |
| | | | 110 | 0.7000000 | ΨI | γq | PAY |
| | | TOTAL GAS> | 8> | 1.0000000 | | | |
| | | TOTAL OIL> | L> | 1.0000000 | | | |
| | | | | | | | |

DIVISION OF INTEREST SENT TO YOU AS A COURTESY WITH THE UNDERSTANDING THAT

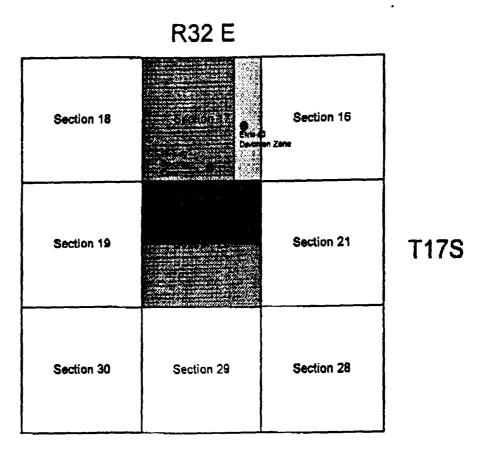
CONOCO INC. CANNOT BE RESPONSIBLE IF YOU SHOULD RELY ON SAME TO YOUR DETRIMENT.

PAY: DISBURSEMENTS AUTHORIZED; N/PY: NON-PAY, TITLE INFORMATION ONLY; HOLD: SEE EXPLANATION ABOVE *****

* * * * * * * * * * * * *



Conoco's Elvis Leases Lea County, New Mexico





CONOCO ELVIS NO. 2 LEASE SURFACE COMMINGLING UNDESIGNATED BAISH-WOLFCAMP

VALUE COMPARISON WITH AND WITHOUT SURFACE COMMINGLING

CONOCO ELVIS LEASE - FEDERAL LEASE CODE LC 029405 (a)

| Well Name | Horizon | Oil Rate | API Gravity | Oil Price | Revenue |
|-------------|----------|----------|--------------------|-----------|------------|
| / Number | Name | BOPD | Degrees | \$/ BO | \$ / Day |
| Elvis No. 1 | Devonian | 275 | 48 | \$20.00 | \$5,500.00 |
| Elvis No. 4 | Cisco | 7 | 40 | \$20.00 | \$140.00 |
| Total | | 282 | | | \$5,640.00 |

CONOCO ELVIS LEASE -- FEDERAL LEASE CODE LC 029405 (b)

| Well Name | Horizon | Oil Rate | API Gravity | Oil Price | Revenue | • |
|-------------|----------|----------|--------------------|-----------|------------|-------------|
| / Number | Name | BOPD | Degrees | \$/ BO | \$ / Day | • |
| Elvis No. 2 | Wolfcamp | 50 | 39.4 | \$20.00 | \$1,000.00 | Development |
| Total | | 50 | 39.4 | \$20.00 | \$1,000.00 | |

CONOCO ELVIS LEASES PRODUCTION AFTER DEVELOPMENT WITH COMMINGLING

| Well Name | Horizon | Oil Rate | API Gravity | Oil Price | Revenue | • |
|-------------|----------|----------|--------------------|-----------|------------|-------------------|
| / Number | Name | BOPD | Degrees | \$/ BO | \$ / Day | • |
| Elvis No. 1 | Devonian | 275 | 48 | \$20.00 | \$5,500.00 | |
| Elvis No. 4 | Císco | 7 | 40 | \$20.00 | \$140.00 | |
| Elvis No. 2 | Wolfcamp | 50 | 39.4 | \$20.00 | \$1,000.00 | Development |
| Total | | 332 | | | \$6,640.00 | After Development |

DAILY VALUE OF PRODUCTION UNCOMMINGLED = \$6640.00

DAILY VALUE OF PRODUCTION SURFACE COMMINGLED = \$6640.00

Sile

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

AMENDED COMMINGLING ORDER PLC-132

Conoco, Inc.

10 Desta Drive, Suite 100 West Midland, Texas 79705-4500

Attention: Mr. Jerry Hoover

The above-named company is hereby authorized to commingle Undesignated Cisco (Pool not yet assigned), Maljamar Strawn (Oil -50350), and West Maljamar Devonian (96662) Pool production from the following leases:

Lease:

Elvis Well Nos.1 and 4 (Federal Lease No.LC-029405-A)

Description:

N/2 of Section 20, and.

Lease:

Elvis Well No.2 (Federal Lease No.LC-029405-B) Wolfcamp

Description:

W/2, W/2 NE/4, W/2 SE/4 of Section 17, and,

Lease:

Elvis Well No.3 (Federal Lease No.LC-060329) never drilled

Description:

E/2 NE/4, E/2 SE/4 of Section 17,

all in Township 17 South, Range 32 East, NMPM, Lea County, New Mexico.

Production shall be allocated to each lease by separately metering the production from each well prior to commingling

FURTHER: The operator shall notify the Hobbs District Office of the Division upon implementation of the commingling process.

REMARKS: This installation shall be installed and operated in accordance with the applicable provisions of Rule 309-B of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

NOTE: The commingled production shall be stored in the Elvis Consolidated tank battery facility located in Unit Letter 'F' of Section 20, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico.

NOTE: Validation of this authority shall be accomplished with like approval by the U.S. Bureau of Land Management.

DONE at Santa Fe, New Mexico, on this 11th day of December, 1997.

WILLAM J. LEMAY. Division Director

WJL/BES

cc:

Oil Conservation Division - Hobbs Bureau of Land Management - Carlsbad

Form 3160-6 (June 1990)

e , , ,

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

PORM APPROVED OPERATOR'S COPY Expires: Merch 31, 1998
3. Cesse Designation and Serial No.

| | | LC 029405A |
|---|--|---|
| | AND REPORTS ON WELLS | 8. If Indian, Allottee or Tribe Name |
| Do not use this form for proposals to drill or to deep Use "APPLICATION FOR PERMIT —" for s | | |
| | TRIPLICATE | 7. If Unit or CA, Agreement Designation |
| . Type of Well | | |
| X Of Gas INJECTION | | |
| Well Well Other Name of Operator | | EMB CI MASS & WER |
| CONOCO, INC. | | Well #2 s. /api well # |
| Aboness Brig Telephone No. | | 30 025 33854 |
| 10 Desta Dr., Suite 100W, Midland, Texas 79705-4500,9 Location of Well (Footage, Sec., T., R., M., or Survey Description) | 95 686-5424 915 684-6361 | 10. Field and Pool, or Exploratory Area |
| Surface: 770' FSL & 2306' FEL, Sec 17, TI7S, R32E | | Maljarmer, West Devonjan 90682 |
| TD: same as above | | |
| | | Lea, NM |
| CHECK APPROPRIATE BOX(s) TO INDIC | CATE NATURE OF NOTICE, REPOR | T, OR OTHER DATA |
| TYPE OF SUBMISSION | TYPE OF ACT | ION |
| Notice of Intent | Abendonment | Change of Plens |
| | Recompletion | New Construction |
| X Subsequent Report | Plugging Back | Non-Routine Fracturing |
| | Casing Repair | Weter Shut-Off |
| Final Abandonment Notice | Altering Casing X Status of Devorate perfs | Conversion to Injection Discose Water |
| | A Commission Devolution paris | |
| Sundry notice filed t2-14-98 reported worko the workover was unsuccessful, the | ver attempt in June 1998, added perfi e well is shut-in for plugging evaluation | |
| No production has been reported/incurred | from this well since 4/98. | |
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| 450 D 0 | | APPROVED |
| APPROVE | D FOR - MONTH FERIOD | Jelen W. CHESTER |
| EMO IRQ _ | JUN 1 193 | MAR 2 6 1999 |
| | | 2 0 1333 |
| | В | BUREAU OF LAND MANAGEMENT |
| $\int_{\mathcal{L}} \int_{\mathcal{L}} \int$ | <u>L</u> | ROSWELL RESOURCE AREA |
| hereby certify that the lidregating is take and correct. | | |
| | Ann 5 Direkto | |
| Signed / Well Culcher The | ANN E. RICHIO REGULATORY AGENT | Date 1-29-99 |
| This space for Federal or State office use) | | |
| proved by Title | | Deta |
| Conditions of approval, if any: | | |
| 18 U.S.C. Section 1001, makes it a crime for any parson knowingly an | d willuly to make to any department or agency of the Ur | alad States any takes, fictitious or fraudulent |
| rments or representations as to any matter within its jurisdiction. | | |

District 1 PO Box 1980, Hobbs, NM 88241-1980 District II

PC Drawer DD, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd. Aztic, NM 87410 District IV PO Box 2088, Santa Fe NM 87504-2088 State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-104 Revised February 10, 1994 Instructions on back:

Submit to Appropriate District Office 5 Copies

AMENDED REPORT

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Form 3 160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR PUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division 1625 N. French Dr. Hobbs, NM 88240

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 3 1 ,1993

| | LAND MANAGEMENT Hobbs, NM 88240 | Expires: March 3 1 ,1993 5. Lease Designation and Serial No. |
|--|--|---|
| | | LC 029405A |
| | AND REPORTS ON WELLS | 6. If Indian, Allottee or Tribe Name |
| | ill or to deepen or reentry to a different reservoir. R PERMIT—" for such proposals | |
| SUBMIT | IN TRIPLICA TE | 7. If Unit or CA, Agreement Designation |
| 1. Type of Well | | 1 |
| Oil Ges Well Other | | \$. Well Name and No. |
| 2. Name of Operator | | Elvis #2 |
| Conoco Inc | | 9. API Well No. |
| Address and Telephone No. DESTA DR. STE. 100W, MIDLAND. | TY 70705_4500 (015) 686_5580 | 30-025-33854 |
| | | 10. Field and Pool, or Exploratory Area |
| 4. Location of Well (Footage, Sec., T. R. M. or Survey De | scription) | Maljamar, West Devonian 90682 |
| 7701 751 9 22021 | FET Co. 17 T175 D20F O | 11. County or Parish, State |
| //U FSL & 2300 I | FEL, Sec. 17, T17S, R32E, O | |
| | | Lea, NM |
| CHECK APPROPRIATE BOX | s) TO INDICATE NATURE OF NOTICE, REPOR | RT, OR OTHER DATA |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| Notice of Intent | Abandonment | Change of Plans |
| | Recompletion | New Construction |
| Subsequent Report | Plugging Back | Non-Routine Fracturing |
| | Casing Repair | Water Shut-Off |
| Final Abandonment Notice | Altering Casing | Conversion to Injection |
| • | Other | Dispose Water |
| | | Note: Report results of multiple completion on Well |
| 3 Describe Proposed or Completed Operations (Clearly state al | I pertinent details, and give pertinent dates, including estimated date of starting | Completion or Recompletion Report and Log form.) |
| | cal depths for all markers and zones pertinent to this work.)* | any proposed work. It went is differentially different |
| | | |
| Conoco is requesting approval to Recomplete | to the Wolfcamp, per the attached justification and proce | edure. |
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| 14. I hereby certiff that the foregoing is true and correct | | Reesa R. Wilkes | | |
|--|---------|--------------------------------|------|---------------|
| Signed Plesa WURIS | | Sr. Staff Regulatory Assistant | Date | 11/04/99 |
| (This space for Federal or State office use) (ORIG. SGD.) ALEXIS C. SWOBODA Approved by Conditions of approval if any: | _ Title | PETROLEUM ENGINEER | Date | 110V 1 0 1899 |

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM, FIELD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

AFE JUSTIFICATION ELVIS NO. 2 WOLFCAMP RECOMPLETION

Funds in the amount of \$118,000 are requested to recomplete the Elvis No. 2 in the upper and lower Wolfcamp zones. Conoco holds a 100% working interest in this lease. The well is located within the MCA unit boundary in the SWSE quarter of Section 17 and is currently TSI. The Elvis No. 2 was drilled as a Devonian step out to the Elvis No. 1 well and found the oil water contact. The well was tested extensively in the Devonian and commercial production was not established. The well has been inactive since mid 1997. The Wolcamp zones look more prospective than any other potential pay zones behind casing and need to be tested before the well is abandoned. It is expected the upper and lower Wolfcamp zones combined will produce 50 BOPD after their initial completion and ultimate recovery will be 68,000 BO gross. Economics for this project show it has a 123% ROR, a 2.26 Pl and a \$149 M NPV. The payout period is 11 months before FIT and 13.2 months after taxes. The average oil price over the life of the well is \$17.69. The last quarter average oil price for the Maljamar area has been over \$20 per BO.

There are several prospective zones behind casing in this well which need to be tested before the well is plugged. The lower Wolfcamp zone is at 9974-9989' and has an average porosity of 7.5%. There was a drilling break in this interval and some fluorescence (15%) was noted. The mud log and PE curve indicate the zone is 100% limestone. The upper Wolcamp zone had no shows, but looks even better on the logs. It has an average porosity of 8% and the caliper log shows a reduction in hole size, which is probably from a thick mud cake. This would suggest the zone may be under pressured relative to the mud column, but should have very good permeability. None of the other behind pipe zones look as encouraging as the upper and lower Wolfcamp zones. Other potential horizons reviewed for recompletion potential include the Abo, Strawn, Canyon, and Cisco. These zones appear to be very risky candidates based on the log analysis, sidewall core data and shows.

The Conoco Hudson lease in Section 21 is the closest known isolated Wolfcamp production. Some other wells in Section 22 have the Wolfcamp commingled with the ABO and other horizons. The Hudson No. 1 well has produced nearly 200 MBO and 0.5 BCFG from just the Wolfcamp since its completion in 1965. The majority of the production occurred following stimulation in 1977 (see decline curve, attached). Since the closest offset well completed in the Wolfcamp is over a mile away, and the zone is very heterogeneous, the Wolfcamp in the Elvis No. 2 should be at or near original pressure.

The cost to perforate and swab test these Wolfcamp zones individually is about \$100,000. The plan for the recompletion includes the cost of permanently abandoning the Devonian interval by setting a CIBP and capping it with cement. Next the lower Wolfcamp pay zone will be perforated and broken down with acid. After swab testing is completed and the lower perforations are isolated, the upper Wolcamp zone will be tested similar to the lower. Since the well already has a full string of 2.875" tubing in it, the cost to equip this well for a pump test is only \$25,000, which includes funds for a new rod string, new pump and setting a pumping unit. AFE funds for a pumping unit were not included since the Elvis No. 4 has a 912-pumping unit on it that Conoco owns 100%. This well is only producing 7 BOPD and does not need this large of a pumping unit. This AFE includes funds to move this pumping unit to the Elvis No. 2 for pump testing. Depending on the results of the pump testing, another pumping unit may need to be transferred from the MCA Unit for one of these wells. With Conoco's high working interest in the MCA Unit, the cost to purchase the non-Conoco owned share will be minimal.

In order to produce the Wolfcamp a surface commingling permit for the Elvis No. 1 and 4 wells will need to be amended to include the Wolfcamp from the Elvis No. 2. Until this permit is amended with the NMOCD, all production from the well will need to be kept separate from the other Elvis wells. The Elvis No. 2 is already connected to the Elvis No. 1 battery.

ELVIS No. 2 WOLFCAMP RECOMPLETION PROCEDURE

- 1. MIRU derrick rig and hold prejob safety meeting covering the details of this workover. Remove tree and rig up BOP's. Test BOP's to assure they operate correctly.
- 2. Wellview records indicate there is a packer in the hole, set at 13,600'. Release the packer and POOH with tubing and packer.
- 3. Pick up a retrieving head for a bridge plug and RIH with it on the tubing to 13,872'.
- 4. Spot 150 bbls. of packer fluid from 13872' to +/- 10,000'.
- Latch onto the plug, release it, and POOH. Lay down the last 3800' of tubing.
- 6. Rig up an electric line truck and run a gauge ring with a junk basket to 13,750'. POOH.
- 7. Contact the NMOCD to witness setting of this plug, since it will constitute the abandonment of the Devonian completion. At least 24 hours advance notice should be given.
- 8. Pick up a CIBP for 7", 29 lb/ft casing and RIH with the plug and a CCL to 13,750'. Correlate with Wedge Dialog RAL dated 5/27/97and set the plug at +/- 13,725'. POOH to 10,200'. Run the CCL from 10,200' to 9200'. Correlate with same Wedge Dialog RAL. POOH.
- 9. Spot 10' of Class H cement on top of the plug with a wireline bailer. POOH and rig down electric line truck.
- 10. Pick up the retrievable bridge plug on the tubing and RIH to 10,100'. Set the plug in the middle of the closest joint to 10,100', but do not set it above 10,100'.
- 11. Spot 300 gallons of acetic acid on bottom. Displace acid with 2% KCL water. POOH.
- 12. Dump 2 sacks of 20-40 sand from surface down the casing. Let the sand settle on top of the plug. This should provide 9-10 of sand on top of the bridge plug.
- 13. Fill the hole with 2% KCL water.
- 14. Rig up Jarrel Services to perforate the lower Wolfcamp. RIH with GR-CCL and correlate with log strip run in step 8 above. POOH.
- 15. Pick up 5" expendable HSC casing gun and RIH to 10,000'. Correlate and perforate the lower Wolfcamp from 9974 9989' with 4 JSPF, 90 or 120-degree phasing (see perforating detail). POOH and rig down perforators.
- 16. RIH with a retrievable full-bore treating packer and seating nipple to 9875'. Set the packer at 9875'. Swab test lower Wolfcamp zone to determine if it is productive. If the zone swabs dry or if a perforation breakdown is required proceed with next step. Otherwise skip to step 27.
- 17. Release the packer and POOH with the tubing and packer.
- 18. Pick up a Pinpoint injection packer (or any other perforation isolation treating packer) with a 3' spacing between elements and RIH on the tubing to 10,050'. Set the packer and fill the tubing with 2% KCL water.

- 19. Rig up BJ Services and surface treating lines. Pressure test treating lines to 5000 psig. Pressure test the tubing to 3500 psig.
- 20. Release the packer and spot 1000 gallons of 15% HCL acid with additives as per BJ Services treating proposal attached to the packer. Displace the acid with 2% KCL water. Drop the fluid control valve.
- 21. Pull up to the bottom 3' of perforations, set the packer and break down the perforations with 200 gallons of acid at 0.5 to 1 BPM. Maximum pressure is 3500 psig. Make sure the casing-tubing annulus is closed while pumping the acid.
- 22. After 200 gallons is pumped, shut down, release the packer and pull up to next 3' of perforations and set the packer. Break down the perforations with 200 gallons of acid at 0.5 to 1 BPM.
- 23. Repeat step 22 until all of the perforations have been treated.
- 24. Pull packer up above all of the perforations to +/- 9900' and retrieve the fluid control valve with sand line.
- 25. Spot another 1000 gallons of 15% HCL acid to the packer. Set the packer at 9900' and pump acid into the perforations at 3-5 BPM. Maximum pressure is 3500 psig. Displace acid with 2% KCL water. Let acid soak for an hour while rigging down BJ Services.
- 26. Rig up to swab back acid load. Swab back as much load as is possible the same day of the acid job.
- 27. Swab test zone, recording rates, recoveries and fluid levels. Release the packer and POOH.
- 28. Once testing is completed, make determination as to whether the zone will be commercial. If it looks prospective, RIH with a retrieving head for the bridge plug and wash the sand off of the top of the bridge plug. Release it and pull it up hole to +/- 9800'.
- 29. Set the bridge plug at 9800' and spot 300 gallons of acetic acid on bottom. Displace acid with 2% KCL water. POOH.
- **30.** Dump 2 sacks of 20-40 sand from surface down the casing. Let the sand settle on top of the plug. This should provide 9-10 of sand on top of the bridge plug.
- 31. Fill the hole with 2% KCL water.
- 32. Rig up Jarrel Services to perforate the upper Wolfcamp. RIH with GR-CCL and correlate with log strip run in step 8 above. POOH.
- 33. Pick up 5" expendable HSC casing gun and RIH to 9700'. Correlate and perforate the upper Wolfcamp from 9690-9714' with 4 JSPF, 90 or 120-degree phasing (see perforating detail). POOH and rig down perforators.
- 34. RIH with a retrievable full-bore treating packer and seating nipple to 9625'. Set the packer at 9625'. Swab test upper Wolfcamp zone to determine if it is productive. If the zone swabs dry or if a perforation breakdown is required proceed with next step. Otherwise skip to step 45.

- 35. Release the packer and POOH with the tubing and packer.
- 36. Pick up a Pinpoint injection packer (or any other perforation isolation treating packer) with a 3' spacing between elements and RIH on the tubing to 9750'. Set the packer and fill the tubing with 2% KCL water.
- 37. Rig up BJ Services and surface treating lines. Pressure test treating lines to 5000 psig. Pressure test the tubing to 3500 psig.
- 38. Release the packer and spot 1600 gallons of 15% HCL acid with additives as per BJ Services treating proposal attached to the packer. Displace the acid with 2% KCL water. Drop the fluid control valve.
- 39. Pull up to the bottom 3' of perforations, set the packer and break down the perforations with 200 gallons of acid at 0.5 to 1 BPM. Maximum pressure is 3500 psig. Make sure the casing-tubing annulus is closed while pumping the acid.
- **40.** After 200 gallons is pumped, shut down, release the packer and pull up to next 3' of perforations and set the packer. Break down the perforations with 200 gallons of acid at 0.5 to 1 BPM.
- 41. Repeat step 40 until all of the perforations have been treated.
- **42.** Pull packer up above all of the perforations to +/- 9625' and retrieve the fluid control valve with sand line.
- 43. Spot another 1600 gallons of 15% HCL acid to the packer. Set the packer at 9625' and pump acid into the perforations at 3-5 BPM. Maximum pressure is 3500 psig. Displace acid with 2% KCL water. Let acid soak for an hour while rigging down BJ Services.
- 44. Rig up to swab back acid load. Swab back as much load as is possible the same day of the acid job.
- 45. Swab test zone, recording rates, recoveries and fluid levels. Release the packer and POOH.
- 46. Once testing is completed, make determination as to whether the zone will be commercial. If it looks prospective, RIH with a retrieving head for the bridge plug and wash the sand off of the top of the bridge plug. Release it and POOH.
- 47. RIH with a conventional mud anchor, seating nipple, and tubing anchor on the tubing to +/10,050'. Land tubing so the seating nipple is at least 25' below the bottom perforation to
 provide a natural gas anchor.
- **48.** Pick up an insert pump sized for the estimated capacity of these zones and RIH with a tapered 86 rod string. Seat the pump and fill the tubing with water.
- 49. Set up wellhead for a pumping well. Set an appropriately sized pumping unit. Tie in tubing to existing flow line.
- 50. Place well on production. Monitor rates and fluid levels until the well pumps down.

| N.M. Oil Cons., | Divi: |
|-----------------|-------|
| P.O. Box 1980 | |
| Hobbs, NM 5024 | i Exp |

cion

Dispose Water

witon Report and Log form.)

| Form 3160-5 | UNI | ED STATES | DO Pay 1090 | FORM APPROVED |
|--|---------------------------------------|--------------------------------|--------------------|---|
| (June 1990) | DEPARTMENT | OF THE INTERIOR | P.O. Box 1980 | Budget Bureau No. 1004-0135 |
| | BUREAU OF L | AND MANAGEMENT | Hobbs, NM CC24 | Expires: March 31, 1963 |
| | | | | 5. Lease Designation and Serial No. |
| | | | | LC 029405A |
| | SUNDRY NOTICES A | ND REPORTS ON WELI | S | 6. If Indian, Allottee or Tribe Name |
| Do not use this form for pro Use "APPLICATIO | posals to drill or to deeper | • | reservoir. | |
| | SUBMIT IN T | RIPLICATE | | 7. If Unit or CA, Agreement Designation |
| 1. Type of Well | · · · · · · · · · · · · · · · · · · · | | | |
| X Of Ges | INJECTION | | | |
| Well Well (2. Name of Operator | Other | | | 8.VName or lease & well Evis |
| • | | | | Well #2 |
| CONOCO, INC. 3. Address and Telephone No. | · · · · · · · · · · · · · · · · · · · | | | s. /api weii # |
| J. Padress and Telephonomic | | | | 30 025 33854 |
| 10 Desta Dr., Suite IOOW, Mi | | 5 686-5424 915 684-6381 | | 10. Field and Pool, or Exploratory Area |
| Location of Well (Footage, Sec., T., I | R., M., or Survey Description) | | | Maljamar, West Devonian 90682 |
| Surface: 770' FSL & 230 TD: same as above | 06' FEL, Sec 17, 1175, R32E | | | 11. County or Parish, State |
| | | | ! | Lea, NM |
| 12. CHECK APPROPRIM | ATE BOX(s) TO INDICA | ATE NATURE OF NO | TICE, REPORT, OR O | THER DATA |
| TYPE OF SUBMIS | SION | <u></u> | TYPE OF ACTION | |
| Notice of Intent | | Abandon | mert | Change of Plans |
| | | Recomp | etion [| New Construction |
| X Subsequent Repo | nt | Plugging | Back | Non-Routine Fracturing |
| - | | Casing R | l'opair | Water Shut-Off |
| C Sant Abandana | | | : F | <u> </u> |

X Status of Devonian perfs

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including astimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Sundry notice filed I2-I4-98 reported workover attempt in June 1998, added perfs to the Devonian pool, the workover was unsuccessful, the well is shut-in for plugging evaluation. No test on well.

No production has been reported/incurred from this well since 4/98.

| | | and the same of th |
|---|--------------------------------------|--|
| | | APPROVED |
| | 100000 / 100 HAA | PRIER W. CHI-STED |
| | APPROVES FOR - MON | |
| | ENDING JUN 1 199 | The same over determine the same of the sa |
| | _ | BUREAU OF LAND MANAGEMENT |
| 511 | | ROSWELL RESOURCE AREA |
| 14. I hereby certify that the toregoing is true and correct | | |
| Signed / West Culche | Ann E. Ritchie Title REGULATORY AGEN | FT Data 1-29-99 |
| (This space for Federal or State office use) | | |
| Approved by Conditions of approval, if any: | Title | Deta |
| warrante or approven; a arry. | | |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 2160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Divini Officoved P.O. Box 1980 Budget Bureau No. 1004-0135 Expires: March 31, 1993

Hobbs, NM 8824 pase Designation and Senal No. LC 029405A **SUNDRY NOTICES AND REPORTS ON WELLS** 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT -- for such proposals /. If Unit or CA. Agreement Designation **SUBMIT IN TRIPLICATE** 1. Type of Well X Oil Gas Well Well INJECTION 8. VIVame or lease & well 2. Name of Operator Well #2 CONOCO, INC. 9. /api weii # 30 025 33854 10 Desta Dr., Suite 100VV, Midland, Texas 79705-4500,915 686-5424 915 684-6381 10. Field and Pool, or Exploratory Area Maljamar, Devonian, W 90662 Maljamar (Cisco) 43270 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface: 770' FSL & 2306' FEL, Sec 17, T175, R32E 11. County or Parish, State Lea, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans **New Construction** X Subsequent Report Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Attering Casing Conversion to Injection 13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* 6-I5-98: MIRU, unset pkr, POOH w/pkr, SION. 6-I6-98: Rigged up wireline, RIH w/RBP set down @ 2nd DV tool @ II.825, unable to get through, POOH w/RBP, rig down wireline, ran in hole w/casing scraper, worked through, RIH to 13,935', pull out, SION. 6-I7-98: Cont POOH w/scraper, rig up wireline, RIH w/RBP set @ 13,782', rig down wireline, go in hole w/tbg. 6-I8-98: Hot oiled, spotted w/acid @ I3,700-I3,770', pulled up hole to I2,000, blew well dry, POOH w/tbg. SION. 6-I9-98: Con't POOH, perf @I3,763'-I3,773' (40 holes), rig down wireline, RIH w/pkr, I55 its. SION. 6-20-98: Set pkr @ 13,600', rig up swab & RIH tag fluid. SION. 6-22-98: Ran fluid levels and swabbed. SION. 6-23-98: Fluid levels and swabbed. SION. 6-24/25-98: Fluid levels and swabbed. SION. 6-26-98: Bied well down, tagged fluid, rigged down swab, spaced out well, installed wellhead, tog @ I3,600'. Prep to test well. 14. I hereby certify that the f Ann E. Ritchie REGULATORY AGENT Date 12-14-98 (This space for Federal or State office us Approved by Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent

statements or representations as to any matter within its jurisdiction.

Form 3 160-5

UNITED STATES

N.M. Oil Cons. Division

FORM APPROVED

| June 1990) | | OF THE INTERIOR | P.O. Box 1980 Hobbs, NM 8824 | Budget Bureau No. 1004-0135 Expires: March 3 1 ,1993 |
|---------------------------|--|---------------------------------|---------------------------------|--|
| | BUREAU OF LA | ND MANAGEMENT | HODDS' IAIN COT | 5 Lease Designation and Seriai No |
| | 01111701111071070 | | • | LC 029405A |
| | orm for proposals to drill or use "APPLICATION FOR I | • | a different reservoir. | 6 If Indian, Allonee or Tribe Name |
| | SUBMIT IN | TRIPLICA TE | | 7 If Unit or CA, Agreement Designation |
| 1 Type of Well | | | | |
| Well Gas Well | Other | | | 8 Well Name and No |
| 2 Name of Operator | | | | Elvis #2 |
| | CONOCO INC. | | | 9 API Well No. |
| 3 Address and Telephone | No. | | | 30-025-33854 |
| 10 DESTA DR. | STE. 100W, MIDLAND, T | X. 79705-4500 (915) 686 | 3-5424 | Maljamat Devortate West 9662 |
| 4. Location of Well (Foot | age. Sec., T. R. M. or Survey Descrip | | | Maljamar Cisco 43270 |
| | | -17-S, R-32-E, O & 2306' FEL | | 11 County or Parish, State |
| | | | | Lea County, New Mexico |
| CHECK | APPROPRIATE BOX(s) | TO INDICATE NATURE | OF NOTICE, REPOR | T, OR OTHER DATA |
| TYPE OF | SUBMISSION | | TYPE OF ACTION | |
| Notice (| of Intent | Abandonment | | Change of Plans |
| | | Recompletion | | New Construction |
| Subsequ | zent Repon | Plugging Back | | Non-Routine Fracrunng |
| | | Casing Repair | | Water Shut-Off |
| Final A | bandonment Notice | Altering Casing | | Conversion to Injection |
| | | Other | | Dispose Water |
| | | | | INote: Reportesuitsof multiplecompition on Wd1 Completion or Recompletion Report and Log form) |

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled. give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

It has been proposed to perforate & swab test the top of the Devonian in this well and if this proves non-productive to perf the Cisco formation. The attached procedure will be used.

| 4 I hereby certify that the foregoing is true and correct | Kay Maddox | | | |
|--|--------------------|------|---------------|--|
| Signed Title | Regulatory Agent | Date | June 15, 1998 | |
| (This space for Federal or State office use) Approved by(ORIG. SGD.) DAVID R. GLASS title | PETROLEUM ENGINEER | Date | JUL 2 2 1998 | |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its junsdiction

PROCEDURE:

- 1. MIRU. Install BOP max expected wellhead pressure from Devonian formation is 2500 psi.
- 2. POOH w/Tbg. There is a profile plug stuck in the tbg. Check tbg for paraffin, steam on location or hot oil with an RBP if necessary (we will be using this tubing to swab through).
- 3. RU wireline. Set cmt retainer @ 13,778' or 13,782'(short joint located from 13,546' to 13,581'). Existing perfs are from 13,791' to 13,802' & 13,839' to 13,852' with a collar @ 13,785'.
- 4. RIH w/tbg to +/- 13,770', circ hole w/1% KCL. Spot 10% acetic acid from 13,770 to 13,700' (2.5 bbls). PUH w/tbg. to +/- 12,000'. Blow casing down nitrogen (pump N2 down tbg and circulate water out of csg).
- 5. Rig-up full length 5,000# lubricator, perf w/4-1/2" casing gun w/4 JSPF spiraled down gun @ 90 degree phasing. Schlumberger 51J charges (39 gram, 0.37" hole w/47" penetration):

13,763' to 13,773' (40 total shots)

- 6. RIH w/Conoco owned 7" production pkr on 2-7/8" tbg to +/- 13,600'. If well did not flow more than tbg displacement, then set pkr and begin swabbing. If well flowed more than expected and there is ANY chance of getting acid behind the pkr then pump 30 bbls to 80 bbls of 1% KCL down the casing, then set pkr and begin swabbing. Set pkr with 2 to 5 points compression. Do not swab below 12,000'. Obtain and analyze fluid samples (oil & water). Report results to Midland.
- 7. If well does not flow and oil cut cannot justify producing this zone, then continue to step 8.
- 8.POOH w/pkr. RIH w/cmt retainer (this may change to a RBP, depending on the results of step 6) & set @ +/- 13,720'.

- 9.PUH to +/- 10,535', circ hole w/1% KCL. Spot 10% acetic acid from 10,535' to 10,450' (2.5 bbls). PUH w/tbg. to +/- 8,100'. Blow casing down nitrogen (pump N2 down tbg and circulate water out of csg).
- 10. Rig-up full length 5,000# lubricator, perf w/4-1/2" casing gun w/4 JSPF spiraled down gun @ 90 degree phasing. Utilize standard JSI charges as follows:

10,490' to 10,506' (64 shots) 10,521' to 10,540' (76 shots)

11. RIH w/Conoco owned 7" production pkr on 2-7/8" tbg to +/- 10,400'. If well did not flow more than tbg displacement, then set pkr and begin swabbing. If well flowed more than expected and there is ANY chance of getting acid behind the pkr then pump 30 bbls to 80 bbls of 1% KCL down the casing, then set pkr and begin swabbing. Set pkr with 2 to 5 points compression. Do not swab below 8,000'. Obtain and analyze fluid samples (oil & water).

District ! PO Box 1980, Hobbs. NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

State of New Mexico Energy, Minerals & Natural Resources Department

instructions on back OIL CONSERVATION DIVISION

PO Box 2088 Santa Fe, NM 87504-2088 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

Signature and Seal of Professional Surveyor:

Certificate Number

MAMENDED REPORT

Revised February 21, 1994

District III 1000 Rio Brazos Rd. Aztec, NM 87410 District IV

PO Box 2088, Santa Fe. NM 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number 2 Pool Code 3 Pool Name 43270 Maljamar Cisoco 30-025-33854 6 Well Number 4 Property Code 5 Property Name 19491 **Elvis** #2 7 OGRID No. 8 Operator Name 9 Elevation Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 005073 10 Surface Location UL or lating Section Township Range Lot Idn Feet from the North/South tine East/West line Feet from the County 0 17 17S 32E 770 2306' South East Lea 11 Bottom Hole Location If Different From Surface North/South line Range Lot Idn Feet from the Feet from the UL or lot no Section Township East/West line 13 Joint or Infil 14 Consolidation Code 15 Order No. 12 Dedicated Acres 40 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Kay Maddox Printed Name Regulatory Agent Date 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the hest of my belief. Date of Survey

2306'

0

N.M. Oil Cons. Di Son

Form 3160-4 Spekini in out 1988 **UNITED STATES** Budget Bureau No. 1004-0137 (November 1983) Hobbs, NM 88244 pires August 31, 1985 **DEPARTMENT OF THE INTERIOR** (formerly 9-330) BUREAU OF LAND MANAGEMENT 5. LEASE DESIGNATION AND SERIAL NO. LC 029405B WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 8. IF INDIAN, ALLOTTEE OR TRIBE NAME 1a. TYPE OF WELL: CIL GAS 7. UNIT AGREMENT NAME WELL X WELL DRY OTHER 1b. TYPE OF COMPLETION: 8. FARM OR LEASE NAME NEW WORK DEEP **PLUG** DIFF Elvis BACK Well #2 WELL X OVER RESVR. OTHER EN 9. 2. NAME OF OPERATOR 30 025 33854 CONOCO, INC. 10. FIELD AND POOL,, OR WILDCAT 3. ADDRESS OF OPERATOR (915) 684-6381 10 Desta Dr., Suite IOOW, Midland, Texas 79705-4500 (915) 686-5424 Wildcat (Devonian) LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* 11. SEC., T., R., M., OR BLOCK AND SURVEY 770 FSL &-2366 FEL OR AREA At surface Sec 17, T17S, R32E At top prod. interval report 12. COUNTY OR 13. STATE At total depth PARISH 14. PERMIT NO. DATE ISSUED 2-24-97 NM Les 15. Date Spudded 16. Date T.D. Reached 17. DATE COMPL (Ready to prod.) 18. ELEVATIONS (DF,RKB,RT,GR,ETC.) ELEV. CASINGHEAD 3-8-97 5-13-97 6-3-97 4000 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL.. 23. INTERVALS ROTARY TOOLS CABLE TOOLS 14,000 13,960 HOW MANY DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)* 25. WAS DIRECTIONAL Devonian: perforated from (3,842-I3,852) SURVEY MADE 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED GR/CBL/VDL/CCL/Radial Bond no 28. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT, LB./FT DEPTH SET (MD) HOLE SIZE CEMENTING RECORD Amount Pulled 13 3/8" 17 V2" 565 sx NONE 484 675 9 5/8 404 4588 12 1/4" 2085 sx NONE 294 14.000 8 V4" 3617 sx LINER RECORD TUBING RECORD 29 30 Size TOP (MD) BOTTOM (MD) | SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2 7/8 13,780 ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc. 31. PERFORATION RECORD (Interval, size and number) DEPTH INTERVAL (MD) AMT. AND KIND OF MATERIAL USED bbl 15% NEFE acid 13,842-13,852 13.842 - 13.852 w/5 J.S.P.F 33. PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STATUS (Producing or Proping
PROD'N FOR YOIL -- BBL **PRODUCING** 6-15-97 DATE OF TEST HOURS TESTED CHOKE SILE GAS -- MCF WATER - BBL GAS-OIL RATIO 1,325 2300 6-18-97 TEST PERIOD 943 1250 WATER - BBL CASING PRESSURE OIL GRAVITY-API (CORR.) FLOW: TUBING PRESS CALCULATED GAS - MCF. 710 # 250 * 24-HOUR RATE 51 DAVID 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) WITNESSED BY IORIG. SGD. D 7 Sales 5-19-97 -.1: Ö 35. LIST OF ATTACHMENTS ر تنا Logs & deviation 38. I hereby certify that the foreg ation is complete and correct as determined from all 915 684-6381

(See Instructions and Spaces for Additional Data on Reverse Side)

TITLE Ann E. Ritchie, Regulatory Agent

DATE

6-20-97

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SIGNED

√ 17+97

Conoco, Inc.
Elvis, Well #2
Sec 17 TI7S R32F

| | Wolfcamp Morrow Mississippian 12. Silurian Devonian 13. | | cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut in pressures, and recoveries): FORMATION TOB TOB TOB TOB TOB TOB TOB T | 1. SUMMARY OF POROUS |
|--|---|-----------------------------|---|--|
| | 9050° 12,400° 13,765° | Ç | t in pressures, and | ZONES: (Show a |
| | 9080 ⁻ 12,430 ⁻ 14,000 ⁻ | DO TOM | ding depth interval to direcoveries): | Il important zones o |
| | Sand Limestone Dolomite | DESCRIPTION, CONTENTS, ETC. | tested, cushion used, time | Summary of Porous zones: (Show all important zones of porosity and contents thereof; |
| The state of the s | Base Satt Paddock Wolfcamp Mississippian Woodford Devonian | 2 | 38. GE | |
| | MEAS. DEPTH 2490' 5632' 8910' 12,500 13,765' | | GEOLOGIC MARKERS | |
| | VERT. DEPTH | TOP | ι σ | |

LOCATION LEASE & WELL Graceland Field, Lea County, New Mexico

(Give Unit, Section, Township and Range)

OPERATOR

Conoco, Inc. 10 Desta Drive, Suite 100W

Midland, Texas 79705-4500

DRILLING CONTRACTOR

NABORS DRILLING USA, INC.

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| DEGREES @ DEPTH | | DEGREES @ | DEPTH | DEGREES @ | DEPTH | DEGREES @ DEPTH | | | |
|-----------------|------|-----------|-------|-----------|-------|-----------------|-------|--|--|
| 1/4 | 250 | 3 1/4 | 6052 | 3/4 | 8665 | 2 1/4 | 11866 | | |
| 1/2 | 500 | 2 3/4 | 6149 | 1/2 | 8855 | 2 1/4 | 12051 | | |
| 1/4 | 1132 | 1 1/2 | 6438 | 3/4 | 9048 | 2 | 12237 | | |
| 1 | 1620 | 1 3/4 | 6628 | 1 | 9432 | 2 1/2 | 12647 | | |
| 1 1/4 | 2111 | 1 1/4 | 6819 | 1 | 9623 | 2 | 12833 | | |
| 3/4 | 2580 | 1/2 | 7011 | 1/4 | 9815 | 1 3/4 | 13022 | | |
| 3/4 | 2978 | 1/2 | 7202 | 1 | 10006 | 1 1/4 | 13353 | | |
| 1 1/2 | 3150 | 1/4 | 7398 | 1/4 | 10235 | 2 1/2 | 14000 | | |
| 1 1/2 | 3372 | 1 | 7492 | 3/4 | 10459 | | | | |
| 1 1/4 | 3765 | 1/2 | 7623 | 2 1/2 | 10772 | | | | |
| 1 | 4175 | 1/2 | 7814 | 2 1/2 | 10929 | | | | |
| 3/4 | 4561 | 0 | 7911 | 1 | 11118 | | | | |
| 1 | 5094 | 1/2 | 8088 | 1/4 | 11304 | | | | |
| 2 1/2 | 5692 | 1/2 | 8281 | 2 1/4 | 11490 | | | | |
| 3 1/4 | 5928 | 1 | 8475 | 2 | 11679 | | | | |
| | 5928 | | | | | | | | |

Drilling Contractor

Nabors Drilling USA, Inc.

Ву

Jinmy Streed

Subscribed and sworn to before me this

day of

DONNA WESTBROOK

Notary Public NOTARY PUBLIC STATE OF TEXAS

MIDLAND

County

TEXAS

My Commisid

June 23, 1997

Oil Conservation Divison

Hobbs, NM 88210

RE: Conoco, Inc., Elvis, Well #2, API #30 025 33854, Lea County, NM

Ladies/Gentlemen:

Concerning the above referenced well, we are respectfully requesting that the completion information and logs be held confidential as long as permitted by the New Mexico Oil Conservation Division.

If you have any questions concerning the completion filing or request please call me @ I-800-432-2967. Thank you.

Yours truly,

Ann E. Ritchie, Regulatory Agent

Conoco, Inc.

10 Desta Dr., Suite 100W Midland, Texas 79705

cc: Bill Keathly, Conoco-Midland

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Diversity 1980
P.O. Box 1980
Hobbs, NM 88241

| 5} 0 11 | FORM | APPROVE |
|----------------|------|---------|
|----------------|------|---------|

Budget Bureau No. 1004-0135

Expires: March 31, 1993
5. Lease Designation and Senai No.

| | Hobbs, NM SSS | LC 029405B |
|--|--|--|
| SUNDRY NOTICES | 6. If Indian, Allottee or Tribe Name | |
| Do not use this form for proposals to drill or to deeper | • | |
| | TRIPLICATE | 7. If Unit or CA, Agreement Designation |
| Type of Well | IRFLICATE | |
| X Oil Gas INJECTION Well Other | | 8. V |
| Name of Operator | | Elvis |
| CONOCO, INC. | | Well #2 9. API Well No. |
| Address and Telephone No. | | 30 025 33854 |
| 10 Desta Dr., Suite IOOW, Midland, TX 79705-4500, 915 Location of Welf (Footage, Sec., T., R., M., or Survey Description) | 686-5424 or 915 684-6381 | Field and Pool, or Exploratory Area Wildcat (Devonian) |
| Surface: 770 FSL and 200 FEL | | |
| Location: Sec 17, T17S, R32E | | 11. County or Parish, State |
| TD: Same | | Lea County, NM |
| CHECK APPROPRIATE BOX(s) TO INDIC | ATE NATURE OF NOTICE, REPORT, OR | OTHER DATA |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| Notice of Intent | Abandonment | Change of Plans |
| ▽ | Recompletion | New Construction |
| X Subsequent Report | Plugging Back Casing Repair | Non-Routine Fracturing Water Shut-Off |
| Final Abandonment Notice | Altering Casing | Conversion to Injection |
| | X Other: Amend reported location | Dispose Water |
| | | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |
| Sundry notice filed to correct location - distar report was reported as 2366' FEL - | | pletion 😌 |
| I hereby certify that the successful is tryle and correct Signed Market Company Title | Ann E. Ritchie REGULATORY AGENT | Date 7- IO-97 |
| (This space for Federal or State office use) | THE COURT OF THE C | |
| Approved by CRIC. SGD.) DAVID R. GLASSItie Conditions of approved (1 any: 1007 | | Date |
| e 18 U.S.C. Section 1001; makes it a onime for any person knowingly itements or representations as to any matter within its jurisdiction. | and willfully to make to any department or agency of the United | States any false, fictitious or fraudulent |
| The second section of the second seco | | |

t0-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

N.M. UI COID P.O. Lox 1980

FORM APPROVED Budget Bureau No. 1004-0135

| Lease Designation and Serial No. LC 029405B If Indian, Allottee or Tribe Name T Unit or CA, Agreement Designation Elvis, Well #2 30035 33854 Field and Pool, or Exploratory Area West Maljamar Devonian County or Parish, State Lea, NM HER DATA |
|--|
| FUnit or CA, Agreement Designation Elvis, Well #2 30 025 33854 Field and Pool, or Exploratory Area West Maljamar Devonian County or Parish, State Lea, NM |
| Elvis, Well #2 30 025 33854 Field and Pool, or Exploratory Area West Maljamar Devonian County or Parish, State Lea, NM |
| Elvis, Well #2 30 025 33854 Field and Pool, or Exploratory Area West Maljamar Devonian County or Parish, State Lea, NM |
| Elvis, Well #2 30 025 33854 Field and Pool, or Exploratory Area West Maljamar Devonian County or Parish, State Lea, NM |
| Elvis, Well #2 30 025 33854 Field and Pool, or Exploratory Area West Maljamar Devonian County or Parish, State Lea, NM |
| Elvis, Well #2 30 025 33854 Field and Pool, or Exploratory Area West Maljamar Devonian County or Parish, State Lea, NM |
| 30 025 33854 Field and Pool, or Exploratory Area West Maljarnar Devonian County or Parish, State Lea, NM |
| Field and Pool, or Exploratory Area West Maljamar Devonian County or Parish, State Lea, NM |
| West Maljamar Devonian County or Parish, State Lea, NM |
| County or Parish, State Lea, NM |
| Lea, NM |
| , |
| HER DATA |
| |
| |
| Change of Plans |
| New Construction |
| Non-Routine Fracturing |
| Water Shut-Off Conversion to Injection |
| Dispose Water |
| Report results of multiple completion on Well |
| lation or Recompletion Report and Log form.) any proposed work. If well is |
| ıg. utes. |
| |
| |
| |
| Date <u>2-24-98</u> |
| |

Approved ORIG. SGD.) DAVID R. GLASSTITE PETROLEUM ENGINEER
Conditions of approval, if any:

PO Box 1980, Hobbs, NM 88241-1980

Energy, Minerals & Natural Resources Department

District II

PO Drawer DD, Artesia, NM 88211-0719 District III

os Rd. Aztic, NM 87410

Revised October 18, 1994 Instructions on back: Submit to Appropriate District Office 5 Copies

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe. NM 87504-2088

| 000 KIO Brazos istrict IV O Box 2088, Si | | | | Santa F | e, NM 8 | 5/304 | 1-2088 | | | | AME | NDED REPORT |
|--|------------|---|-----------------------------------|--|-----------------|--------------|----------------|-------------|------------------------|---|-------------|----------------------|
| | | REQUEST I | | | LE AND |) AU | THORI | ZATI | ON TO TR | ANSP 2 OGRI | | *** |
| Co | noco In | | Opertor name | e and Address | | | | ļ | 0050 | | ט מוווטא | cr |
| | | Or. Ste 100W x. 79705-450 | | | | | | ţ | | Reason fo | rr Filling | Code |
| | | | | | | | | | C |) (effect | | |
| | PI Numbe | | | | | ool Nam | | | | | | Pool Code |
| 30 - 0 30-025-33854 West Maljamar Devonian 96662 7. PropertyCode 8 Property Name 9 Well Nember | | | | | | | | | | | | |
| | 19491 | | | | I | Elvis | | | | | | 2 |
| <u> </u> | | Location | I Dance | I at Ida | Foot Grown 4 | L . | I XI and IC | at i :- I | Face Grand Ale | I Frankl | | |
| UL or lot. no. | Section | Township | | Lot. Idn | Feet from the | | North/Sou | | Feet from the | East/We | i | Couunty |
| O 11 | Botton | 17S n Hole Loca | 32E tion | | 770 | <u></u> | Sou | itn j | 2306 | Ea | st | Lea |
| UL or Lot | Section | Township | Range | Lot. Idn. | Feet from | the | North/Sou | uth Line | Feet from the | Eest/We | st Line | county |
| 12 Lse Code | 13. Prod | ucing Method Code | e 14. Gas | Connection Date | e 15. C- | 129 Perr | mit Number | | 6. C-129 Effective | Date | 17. C | -12b Expiration Date |
| F | | P | | | | | | | | | | • |
| | I Gas T | ransporters | | | | | | · | | | | |
| 18 Transpo OGRID | | 19. | Transporter N and Address | | | 20 PC | DD | 21. O/G | | 22. POD L and I | JLSTR L | |
| 037480 | , | | TT Energy | | | 28193 | 316 | 0 | | F 20 | 17S 32 | Е |
| | | | O. Box 118 n, Tx. <i>17</i> 25 | | | | | | | | | |
| 00509 | 7 | | Conoco Inc sta Dr. Ste | | | 28193 | 317 | G | O 17 17S 32E | | | E |
| | | | d, Tx. 7970 | | | | | | 7 | | | |
| | | | | | Ī | | | | | | | |
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| | | | | ·· · · · · · · · · · · · · · · · · · · | | | | | | - | | |
| | | | | | | | | | | | | |
| IV. Produ | iced W | /ater | | | | | | | | | | |
| | в РОО | | | | 2. | 4. POD | ULSTR Loc | | Description | | | |
| | 5827 | letion Data | | | | | F 20 17 | S 32E | | | | |
| | pud Date | | Rea dy Date | | 27. TT) | | 28 | PBTD | 2 | 9 Perforati | ons | DHC,DC,MC |
| | | | | | | | | | | - · · · · · · · · · · · · · · · · · · · | | |
| | 30. Hole S | ize | 31. | Casing & Tubin | ng Size | | 3 | 2 Depth S | et | | 33. Sa | cks Cement |
| | | | <u> </u> | | | | _ , | | | | | |
| | | | | | | | | | | | | |
| | | | | | | + | | | | | | |
| VI. Well | Test I | Data | | | | 1 | _, <u>.</u> | | | | | |
| 34, Date | New Oil | 35. Gas De | livery Date | 36. T | est Date | | 37. Test L | ength | 38. Tbg. | Pressure | | 39. Csg. Pressure |
| 40. Cho | oke Siz e | 41 | . Oil | 42. | Water | ╁╴ | 43. Ga | ıs | 44. / | OF | | 45. Test Method |
| | | | | | | <u> </u> | | | | | | |
| , . | • | rules of the Oil Co ation given above is | | | | | O | IL CC | NSERVAT | TION I | DIVIS | SION |
| knowledge an Signature: | d belief | | <i></i> | 00. | | Appro | oveJ by | OBIO | NIAL GLONET |) PV | | |
| Printed name: | Rill D | . Keathly | | ely | | Title | | G | NAL SIGNED ARY WINK | / 10 [| ···· | |
| Title Sr. Re | | Specialist | | | | Аррго | val Date: | | eldber i L25 1998 | | | - |
| Date | 3-19 | 9-98 | | 15) 686-54 | | | | TIA | C 4 (330) | | | |
| 47 If this | is a cha | nge of operat | Or fill in the C | OGRID number and | d name of the p | revious of | perator | | | | | |
| Previous | Operat | or Signature | | Print | ed Name | | · | | Title | | | Date |
| | | - · g. · | | r HHL | ou Haille | • | | | | | | -4.0 |

| N.M. UII COIIS | r |
|----------------|---|
| n 1980 | 1 |
| NINE GOO | A.1 FORM APPROVED |
| Hobbs, NM OOZ | FORM APPROVED Budget Bureau No. 1004-01: |

| | | | M.M. O. C. | |
|--|--|--|-----------------------|---|
| | | | P 1980 | |
| Form 3160-5 | UNITED STATES | | Hobbs, NM 8824 | 1 FORM APPROVED |
| (June 1990) | DEPARTMENT OF THE INT | ERIOR | HODDS' IAM COS | Budget Bureau No. 1004-0135 |
| | BUREAU OF LAND MANAG | EMENT | | Expires: March 31, 1993 |
| | | | 5 | Lease Designation and Serial No. |
| | | | | LC 029405B |
| | SUNDRY NOTICES AND REPOR | TO ON WELLS | 6 | |
| | SUNDKT NOTICES AND REPOR | 13 ON WELLS | P | If Indian, Allottee or Tribe Name |
| | sals to drill or to deepen or reentry to FOR PERMIT for such proposals | a different reserve | oir. | |
| | SUBMIT IN TRIPLICATI | <u> </u> | 7. | If Unit or CA, Agreement Designation |
| | | | | |
| Type of Well | | | | |
| | NJECTION | | | |
| Well Well Oth | ier | | 8 | |
| 2. Name of Operator | | | - | Elvis |
| CONOCO, INC. | | | 5 | Well #2 API Well No. |
| Address and Telephone No. | | | i ^{3.} | API VVER IVO. |
| 5. 7.12.1665 2.15 76.16p.167.16 116. | | | | 30 025 33854 |
| 10 Desta Dr., Suite IOOW, Midla | and, TX 79705-4500, 9l5 686-5424 or | 915 684-6381 | 10 | Field |
| 4. Location of Well (Footage, Sec., T., F | (., M., or Survey Description) | | | West Maljamar Devonian |
| • • • • • | | | | • |
| Surface: 770 FSL & 2306 I | | | 11 | . County or Parish, State |
| Location: Sec 17, TI7S, R32 | :E | | į | |
| TD: Same | | | | Lea County, NM |
| | | | | |
| 12. CHECK APPROPRIAT | TE BOX(s) TO INDICATE NATUR | E OF NOTICE, | REPORT, OR OTH | IER DATA |
| TYPE OF SUBMISS | ION | TYI | PE OF ACTION | |
| Notice of Intent | | Abandonment | | Change of Plans |
| naiss of mass | | | <u> </u> | |
| | | Recompletion | L | New Construction |
| X Subsequent Report | | Plugging Back | | Non-Routine Fracturing |
| | | Casing Repair | 7 | Water Shut-Off |
| | | | <u></u> | ا م |
| Final Abandonment | Notice | Altering Casing | | Conversion to Injection |
| | | X Other:Add perfs | | Dispose Water |
| | | | (No | te: Report results of multiple completion on Well |
| | | | Cor | relation or Recompletion Report and Log form.) |
| 9-30-97: Rigged up BJ BJ. SION. 10-1-97: Rigged up wird reverse unit, die | Services, , spotted 700 gals I5% Neline, ran in hole and perforated was splaced acid w/20 bbls 2% KCL was 2.7331. Becaused BDO installed w | NEFE HCL from /4 JSPF from I3 rater, ran Model | 13,808-13,258', rigge | ed down rigged up |
| | 3,722'. Removed BPO, installed w | elinead, SION. | 1 100 | דחדרם רחם מבניתפת |
| 10-2-97: Swabbed. | | | AUG | EPTED FOR RECORD |
| 10-3-97: Started flowing | , well put on production. | | 1 1 | |
| | | | | OCT 2 9 1997 |
| | | | | 001 0 0 1001 |
| | | | | m |
| | | | | 7) 31 |
| | _ | | } | BLM |
| | $\widehat{}$ | | | |
| 14. I hereby certify that the foreaping is tr | ue and conject | | | |
| | /1 <i>U</i> / | | | |
| In! 1 € | Ann E. Ritchie | DV 4.05117 | | |
| Signed //// | ultiu REGULATOR | RY AGENT | | Date 10-10-97 |
| (This space for Federal or State office | use) | | | |
| | | | | |
| Approved by | Title | | | Date |
| Conditions of approval, if any. | | | | · · · · · · · · · · · · · · · · · · · |
| | | | | |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

N.M. Oil Con

FORM APPROVED Budget Bureau No. 1004-0135

| | BUREAU OF LAND MANAGEMENT | P 198 | 13. Lease Designation a | |
|--|---|-----------------------------|-------------------------------------|--------------------------|
| | | Hobbs NM 8 | 88241 LC 029405B | |
| SUN | DRY NOTICES AND REPORTS ON V | VELLS | 6. If Indian, Allottee or 1 | Tribe Name |
| | drill or to deepen or reentry to a difference PERMIT - for such proposals | nt reservoir. | | |
| | SUBMIT IN TRIPLICATE | | 7. If Unit or CA, Agreem | ent Designation |
| ype of Well | | | | |
| X Oil Gas INJECT | TION | | 18. V | |
| ame of Operator | | | Elvis | |
| CONOCO, INC. | | | Well #2 9. API Well No. | |
| ddress and Telephone No. | | | | |
| O Desta Dr., Suite 100W, Midland, TX | (79705-4500, 915 686-5424 or 915 684- | R391 | 30 025 33854 10. Field | |
| ocation of Well (Footage, Sec., T., R., M., or | Survey Description) | USUI | Wildcat (Devoniar | ٦) |
| 306 Surface: 770 FSL & 2006 FEL Location: Sec !7, T!7S, R32E | | | 11. County or Parish, S | tate |
| TD: Same | | | Lea County, NM | |
| CHECK APPROPRIATE BO | X(s) TO INDICATE NATURE OF N | OTICE, REPORT, O | OR OTHER DATA | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | N | |
| Notice of Intent | | andonment | Change of Plans | |
| | ACCEPTED FOR DECORD Re | completion | New Construction | |
| | | | | |
| X Subsequent Report | | gging Back | Non-Routine Fractu | ring |
| X Subsequent Report | 1 Nic o b (007 == | gging Back sing Repair | Non-Routine Fractu | ring |
| X Subsequent Report Final Abandonment Notice | AUS 2 8 1997 Cas | | | |
| | AUS 3 8 1997 Cas | sing Repair | Water Shut-Off | |
| | AUS 2 8 1997 | sing Repair ering Casing | Water Shut-Off Conversion to Inject | ion Impletion on Well |

14. I hereby certify that the oregoing is true and correct

Ann E. Ritchie

REGULATORY AGENT

Date 8-15-97

(This space for Federal or State office use)

Approved by Conditions of approval, if any I^i

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd. Aztic, NM 87410

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION PO Box 2088 Santa F2, NM 87504-2088

Form C-104 Revised February 10, 1994 Instructions on back: Submit to Appropriate District Office 5 Copies

| istrict IV O Box 2088, Sa | | | | | | | | | | | | <u> </u> | | NUEU K | EFORI |
|---------------------------------------|---------------------|-------------------|-------------|------------------------|--|----------------|------------|-------------------|---------------------------------------|--|---|------------|--------------------|---------------------------------------|--------------|
| | R | EQUES | | | | | AND. | AU7 | THORI | ZATI | ON TO TR | | PORT | | |
| 0- | | | 1. C | - | e and Address | | | 16, T | שב פחמו | | | | | ег | |
| | noco Ind Desta D | շ. Ir. Ste 100 | w | THIS W | IELL HAS BI | EEN P W. IF | YOU D | O M | ON CONC | UR - | | | 5073 for Filing | Code | NW |
| | | | | O NOTIFY | THIS OFFI | CE. | | | | . | 6- I -97 | | | | 14 44 |
| | DI Mumba | | | | | ~ | 5 Paol | Nama | | | | | - 6 | Pool Code | |
| 4 API Number West Majamar Devoi | | | | | | | | evov | lian | | G_1° | Pool Code | n | | |
| 30 - 0 25 33 | | | | | | <u>-₩i</u> | 8 Proper | | | ******* | | | 9 11 | ell Nember | |
| 7. Pi | ropertyCod | e | | | | | • | • | iii C | | | | <i>y</i> w | | |
| · · · · · · · · · · · · · · · · · · · | 7 4 9 Surface | Locatio | | Elvis | | | | | | 2 | | | | | |
| UL or Lot No. | Section | Township | | Range | Lot. Idn. | Feet | from the | | North/So | uth Line | Feet from the | East/W | est Line | Cou | ntv |
| P | | 1 ' | | | 2011 1411 | 1 | | | | | 2306 | | | | - |
| | Botton | 17S 1 Hole L | 2021 | 32E | | <u> </u> | 770 | | Sou | th | 2366~ | E | ast | Le | <u>a</u> |
| UL or Lot No. | Section | Townshi | | Kange | Lot. Idn. | Fact | from the | _ | North/So | oth Line | Feet from the | Fact/N | est Line | Cou | infar |
| OL OI LOUNG. | Section | Townshi | P | gu | Tor 14th | 1 '' | . HOM un | | Northboo | mii Citie | rea nom me | Lasp | OST LANC | | шту |
| 12 Lse Code | 13. Produ | cing Method | Code | 14. Gas | Connection Da | ite | 15. C-12 | 29 Perm | nit Number | | 6. C-129 Effective | Date | 17.0 | 2-129 Expirat | ion Date |
| | | _ | | 1 | | | 13. 0 12 | ., | | | | | | - | |
| F | <u> </u> | P | | | 6/97 | | | | · | | | | <u> </u> | | |
| | | ansporte | _ | Transporter N | Vame | | - | 20 PO | D. | 21. O/G | | 22 POD | ULSTR L | ocation | |
| 18 Transpo OGRID | | | | and Address | | | | | - | 21.070 | | | Description | | |
| 005108 | | Senti | nel ' | Transport | ation Co. | | 28 | 19 | 316 | 0 | | Sec 17, | T17S, R | 32E | |
| 003108 | | | | astside Dr | | | 110 | 16. | | 0 | | | | | |
| .2011 | | | | Falls, TX | | | | | | | | | | | |
| 318648 | 42 | A | | co Pipeline 2 NW Av | | | 28 | iq | 316 | 0 | | Sec 17, | T17S, F | R32E | |
| | | Level | | L Texas 79 | | | | | | | | | | | |
| | | | | oco Produ | | | 08 | 1/2 | 2 (2) | | | | | | |
| 005097 | 7 | | | a Dr., Sui | | | 10 | (4 | 317 | G | | | | | |
| | | Mic | llanc | d, TX 797 | 05-4500 | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
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| TX7 D 1 | - 1 11 | 7 - 4 | | | | | | | | | | | | | |
| IV. Produ | | ater | | | | | | DOD I | | | D | | | | |
| _ | 3 POD | | | | | | 24. | | | | Description | | | | |
| | 18527 | . _ | | | | | | S | ec 20, Tl | /S, R32 | E | | | | |
| V. Well | | etion Da | ta | 26 Ready D |)ate T | | | . 75 | | | 28 PBTD | | · | 40 m . 6 | |
| | pud Date | | | • | l | | | 27. TD 14.000' | | | | | | 29 Perforations | |
| 3. | -8-97 30. Hole S | ize | | 6-15-97 | . Casing & Tub | ing Size | <u>.</u> | 1 1000 | · · · · · · · · · · · · · · · · · · · | 32 Depth S | 13,960' 13,842-13,852' Set 33. Sacks Cement | | | | 52' |
| 17.1/00 | | | | | . Cesing & 150 | ing size | | (7 | | or Deptit 5 | | 565 | | acus Cemen | |
| 17 1/2" | | | - | 13 3/8" | | | | 67 | | | | 565 s | | | |
| 12 1/4" | | | | 9 5/8" | | | | 45 | 88' | | | 2085 | SX | · · · · · · · · · · · · · · · · · · · | |
| 8 1/4" | | | | 7" | | | | 14, | ,000' | | | 3617 | sx | | |
| 7" | | | | 2 7/8" | | | | 13, | , 780' 1 | ubing | | | | | |
| VI. Well | Test I | Data | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| 34. Date | New Oil | 35. G | as De | livery Date | 36. | Test Da | ite | T | 37. Test | Length | 38. Tbg | . Pressure | | 39. Csg. P | ressure |
| 6-15 | 5-97 | | 6/ | 97 | 6- | -18-97 | | | 24 | | 710 | 0# | | 250 | # |
| 40. Ch | oke Size | | 41 | . Oil | 4 | 2. Water | • | | 43. G | 26 | 44. | AOF | | 45. Test N | dethod |
| | | | 94 | 43 | | 2300 | | | 125 | 0 | | | | pump | ing |
| | | | | | Division have b | | | | _ | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | | |
| with and that knowledge as | | ition given ab | ove ii ر | s true and co | implete to the be | cst of m | y | | (| JIL CC |)NSERVA' | 110N | DIVI | SION | |
| Signature: | | 1 | Eli. | | The same | | | Appro | vel by | | mel | 7 | 1 | | |
| Printed name | · Ann C | . Ritchie | | (() | ************************************** | | | Title | | Geo | ogisi | | | | |
| Title | | | 10 - | 04.5001 | | | | Appro | val Date: | 9191 | 15 1997 | | | | |
| Date | | Agent 9 | 15 6 | | 045) 555 - | | | | | UL | म्य विश | | | | |
| <u></u> | | -97 | ATO* | | 915) 686-5 OGRID number a | | | | | | | | | | |
| 47.11 tims | 15 a vila | uge or op | oi al | OI HII IN INC | OGKIN BUMBET 8 | ma name | or the bre | aions ol | peratof | | | | | | |
| Previous | Oneral | or Signat | ure | | Drie | nted A | Name | | | | Title | | | Date | |
| | ę <u>-</u> . | J | - | | 1 111 | | 141110 | | | | | | | Date | |
| | | | | | | | | | | | | | | | |

Elvis #2

LOCATION LEASE & WELL

OPERATOR

Graceland Field, Lea County, New Mexico

770/5 a 2306/E (Give Unit, Section, Township and Range)
17 175 - 326
Conoco, Inc. 10 Desta Drive, Suite 100W

Midland, Texas 79705-4500

DRILLING CONTRACTOR

NABORS DRILLING USA, INC.

3D.D25-33854

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| DEGREES @ DEPTH | | DEGREES @ | DEPTH | DEGREES @ | DEPTH | DEGREES @ DEPTH | | | |
|-----------------|------|-----------|-------|-----------|-------|-----------------|---------------------------------------|--|--|
| 1/4 | 250 | 3 1/4 | 6052 | 3/4 | 8665 | 2 1/4 | 11866 | | |
| 1/2 | 500 | 2 3/4 | 6149 | 1/2 | 8855 | 2 1/4 | 12051 | | |
| 1/4 | 1132 | 1 1/2 | 6438 | 3/4 | 9048 | 2 | 12237 | | |
| 1 | 1620 | 1 3/4 | 6628 | 1 | 9432 | 2 1/2 | 12647 | | |
| 1 1/4 | 2111 | 1 1/4 | 6819 | 1 | 9623 | 2 | 12833 | | |
| 3/4 | 2580 | 1/2 | 7011 | 1/4 | 9815 | 1 3/4 | 13022 | | |
| 3/4 | 2978 | 1/2 | 7202 | 1 | 10006 | 1 1/4 | 13353 | | |
| 1 1/2 | 3150 | 1/4 | 7398 | 1/4 | 10235 | 2 1/2 | 14000 | | |
| 1 1/2 | 3372 | 1 | 7492 | 3/4 | 10459 | <u></u> | · · · · · · · · · · · · · · · · · · · | | |
| 1 1/4 | 3765 | 1/2 | 7623 | 2 1/2 | 10772 | | | | |
| 1 | 4175 | 1/2 | 7814 | 2 1/2 | 10929 | | | | |
| 3/4 | 4561 | 0 | 7911 | 1 | 11118 | | | | |
| 1 | 5094 | 1/2 | 8088 | 1/4 | 11304 | | | | |
| 2 1/2 | 5692 | 1/2 | 8281 | 2 1/4 | 11490 | | | | |
| 3 1/4 | 5928 | 1 | 8475 | 2 | 11679 | | · | | |
| | 5928 | | | | | | | | |

Drilling Contractor Nabors Drilling USA, Inc. Ву Jimmy Stroud

Subscribed and sworn to before me this

day of

Notary Public

DONNA WESTBROOK NOTARY PUBLIC STATE OF TEXAS

MIDLAND

County

TEXAS

My Commision?

| Form 3160-5 (June 1990) | | ITED STATES NT OF THE INTERIOR | | DIVISION APPROVED Budget Bureau No. 1004-0135 |
|----------------------------|--|--|-------------------------|---|
| (Julie 1350) | | LAND MANAGEMENT | P.O. Box 1980 | Expires: March 31, 1993 |
| | | | Hobbs, NM 8824 | |
| | SUNDRY NOTICES | AND REPORTS ON WELLS | s | LC 029405B 6. If Indian, Allottee or Tribe Name |
| | s form for proposals to drill or to deeper "APPLICATION FOR PERMIT" for si | - | ervoir. | |
| 030 | | | | 7. If Unit or CA, Agreement Designation |
| Type of Well | 208MII IN | TRIPLICATE | | |
| X Oil | Gas INJECTION | | | |
| Well Name of Operator | Well Other | | | B.V. Elvis |
| CONOCO, IN | NC | | S | Well #2 9. API Well No. |
| Address and Tel | | | - | |
| 10 Desta Dr., | Suite IOOW, Midland, TX 79705-4500, 9l5 6 | 686-5424 or 915 684-6381 | 1 | 30 025 33854 10. Field and Pool, or Exploratory Area |
| Location of Well | (Footage, Sec., T., R., M., or Survey Description) | | | Wildcat Ellenburger |
| Surface: Location: | 770 FSL & 2966 PEL 2306/E Sec 17, T175, R32E | | 1 | 1. County or Parish, State |
| TD: Same | , 1170, NOZE | | Lea County, NM | |
| 2. CHECK | APPROPRIATE BOX(s) TO INDIC | ATE NATURE OF NOTIC | E, REPORT, OR OTI | HER DATA |
| | PE OF SUBMISSION | | TYPE OF ACTION | |
| | Notice of Intent | Abandonme | ent | Change of Plans |
| _ | | Recompleti | on | New Construction |
| X | Subsequent Report | Plugging Ba | <u> </u> | Non-Routine Fracturing |
| | Final Abandan and Making | Casing Rep | | Water Shut-Off |
| <u></u> | Final Abandonment Notice | Aftering Cas | ermediate casing | Conversion to Injection Dispose Water |
| | | | | tote: Report results of multiple completion on Well |
| 3 Describe Propos | sed or Completed Operations (Clearly state all perti | pent details, and owe pertinent dates. | | ompletion or Recompletion Report and Log form.) |
| | drilled, give subsurface locations and measured an | | | |
| To corre | ct Sundry Notice submitted 5-27-97 | which deleted part of cem | enting job. | |
| | | | | |
| 3-24-97: | Ran 4588' of 9 5/8", 40#, L-80 cas | ing, cemented with lead sle | urry of 600 sx Cl C + k | 6% gel + 3% salt |
| , | +3/10% CD-32 + 2/10% SM tailed wit | | | |
| • | Tested to 2500# held. WOC. | | | |
| | | | FOR RECORD | RECEIVE |
| | | ORIG. SO | GD.) DAVID R GI | LARS |
| | | | 2 3 1997 | JN 23 97 |
| | | | | |
| | | | 134 | BLM ROSWELL NM |
| | | | | |

REGULATORY AGENT Date 6-19-97 (This space for Federal or State office use) Approved by Conditions of approval, if any Date Title

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Ann E. Ritchie

N.M. Oil Cons. Division **UNITED STATES** FORM APPROVED Form 3160-5 DEPARTMENT OF THE INTERIOR P.O. Box 1980 Budget Bureau No. 1004-0135 (June 1990) **BUREAU OF LAND MANAGEMENT** Expires: March 31, 1993
5. Lease Designation and Senal No. Hobbs, NM 88241 LC 029405B SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well Oil Gas INJECTION Other 2. Name of Operator Elivs Elvis Well #2 CONOCO INC 9. API Well No 3. Address and Telephone No. 30 025 33854 10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 686 - 5424 915 684-6381 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Wildcat Ellenburger

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12 TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion ACCEPTED FOR RECORD **New Construction** Subsequent Report Non-Routine Fracturing Plugging Back Casing Repair Water Shut-Off Final Abandonment Notice Conversion to Injection Altering Casing X Other: Ran Intermediate & long string Dispose Water

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3-24-97: Ran 4588' of 9 5/8", 40#, L-80 casing, cemented with lead slurry of 600 sx CI C + 16% gel + 3% Salt + 3/10% CD-32 + 2/10% SM, tailed with + 1.5% Salt + 3/10% CD-32. Tested to 2500# held. WOC.

13 200

5-I3-97: Ran I4,000' of 7", 29#, L-80 casing, cemented with lst stage, lead slurry - 825 sx Cl H + 1.3% Floblock + .3% CD-32 + .45% R-3 + .2% SM + 1/2/sx cello flake. 2nd stage lead slurry - 435 sx 50:50 POZ, 2% gel + 1.3% floblock 2l0, .45% R-3, .3% CD-32, .2% SM+ V4#/sx celloseal. Tailed with I236 sx Cl H + I.3% floblok 2I0 + .3% CD-32, .3% R-3, .2% SM & I/4#/sx celloseal. 3rd stage - lead slurry - 265 sx Cl C + I5% gel + 2% salt + .3% CD-32 + .3% SM + .4% R-3 + V4#/sx celloflake, tailed with 856 sx CI C + I.I% FL-62, I% BA-52 bonding, I.5% salt, .3% CD-32 + .2% SM + .2% R-3 + V4#/sx celloflake. Closed DV tool w/3500 psi Tested to 4000 psi. WOC.

5-14-97: Released rig 10:00 pm.

| 4. | I hereby | certify that | the forego | oing js tn | ue and o | oppet |
|----|----------|--------------|------------|------------|----------|-------|
| | • | • | | // , | | // |

Ann E. Ritchie

REGULATORY AGENT

Date 5-27-97

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11. County or Parish, State

Lea County, NM

Report results of multiple con-

on or Recompletion Report and Log form.)

(This space for Federal or State office use)

Surface: 770 FSL & 2366 FEL

TD: Same

Location: Section 17, TI7S, R32E

Approved by Conditions of approval, if any Title

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Signed

District I PO Box 1980, Hobbs, NM 88241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719 District III

1000 Rio Brazos Rd. Aztic, NM 87410

State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 10, 1994 Instructions on back: Submit to Appropriate District Office

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

| Submit to Appropriate District Office | |
|---------------------------------------|--|
| 5 Copies | |
| | |

Form C-104

AMENDED REPORT District IV PO Box 2088, Santa Fe NM 87504-2088 REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT 2 OGRID Number 1. Opertor name and Address Conoco Inc. 005073 10 Desta Dr. Ste 100W 3. Reason for Filling Code Midland, Tx. 79705-4500 RT (13,202 for June 97) MALJAMAN; DEVONIAN, WEST 6. Pool Code 4 API Number 30 - 0 25-33854 8 Property Name 9 Well Nember 7. PropertyCode 19491 **Elvis** Surface Location 11. Township Lot. Idn Feet from the North/South Line Feet from the East/West Line Range Section UL or lot, no Couunty б () 32E 770 South 2366 East Lea 11 Bottom Hole Location Township Lot. Idn. Feet from the North/South Line Feet from the Eest/West Line UL or Lot Section Range county 17. C-12b Expiration Date 13. Producing Method Code 16. C-129 Effective Date 12 Lse Code 14. Gas Connection Date 15. C-129 Permit Number 6-19-97 Oil and Gas Transporters III. 19. Transporter Name 20 POD 22. POD ULSTR Location 18 Transporter OGRID and Address and Desciption Sentinel Transportation Co. D 17 17S 32E 2819316 0 005108 1214 N. Eastside Dr. Bldg A Wichita Falls, Tx. 76304 Please assign a New POD Amoco Pipeline - ICT D 17 17S 32E 2819316 138648 O 502 NW Ave. Leveland, Tx. 79336-3914 D 17 17S 32E Conoco Production 2819317 005097 G 10 Desta Dr. Ste 100W Midland, Tx. 79705-4500 Please assign a New POD IV. Produced Water 23 POD 24. POD ULSTR Location and Description 2818527 F 20 17S 32E V. Well Completion Data 25 Spud Date 26 Rea dy Date 28 PBTD 27. TD 29 Perforations 3842-13852 3-8-97 30. Hole Size 31. Casing & Tubing Size 32 Depth Set 33. Sacks Cement VI. Well Test Data 35. Gas Delivery Date 34. Date New Oil 36. Test Date 37. Test Length 38. Tbg. Pressure 39. Csg. Pressure 40. Choke Siz e 41. Oil 42. Water 43. Gas 44. AOF 45. Test Method [I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my OIL CONSERVATION DIVISION knowledge and belief Signature: Printed name: On a Gas Hisper Bill R. Keathly Title Sr. Regulatory Specialist UN 23 1997 Date 6-18-97 Phone (915) 686-5424 47. If this is a change of operator fill in the OGRID number and name of the previous operator Previous Operator Signature **Printed Name** Title Date

District I PO Box 1980, Hobbs. NM 88241-1980

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994 instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd. Aztec, NM 87410 District IV PO Box 2088, Santa Fe. NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | | | | 2 Pool Code 3 Pool Name | | | | | | | | | |
|--------------------|---------|---------------|--------------|---|------------------|---------|------------------|------------------|---------------|-------------------|-----------------|--|--|
| 30-0 | 025-338 | 54 | | 96662 West Maljamar Devonian | | | | | | | | ····- | |
| 4 Property C | ode | | | 5 Property Name | | | | | | | 6 Well Number | | |
| 19491 | | | | |] | Elvis | | | | | 2 | | |
| 7 OGRID No. | | | | | 8 O ₁ | perato | r Name | | | | 9 E I | levation | |
| 005073 | l | Cond | oco Inc., | 10 Desta | Drive, Ste | e. 100\ | W, Midland, T | X 7970 | 05-4500 | | | 4000' | |
| | | | | | 10 Surf | face L | ocation | | | · | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from t | the | North/South line | Feet f | rom the | East/We | st line | County | |
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| | <u></u> | | | ttom Ho | | on If | Different Fro | | | | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from t | | North/South line | | from the | East/Wes | st line | County | |
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| 12 Dedicated Acres | 13 Join | t or Infil 14 | Consolidatio | n Code 15 | Order No. | | , | L | | | | | |
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| | ABLE. | WILL BE | ASSIGNE | D TO TH | S COMPL | ETION | NUNTIL ALL I | NTERI | ESTS HA | VE BEI | EN CON | ISOLIDATED | |
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District I PO Box 1980, Hobbs, NM 88241-1980 PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-10: Revised February 21, 1994 Instructions on back

Submit to Appropriate District Office State Lease - 4 Copie: Fee Lease - 3 Copie:

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name API Number Pool Code Wildcat Ellenburger 3D-025-3385 Well Number Property Code Property Name 19491 **ELVIS** 2 OGRID No. *Operator Name Elevation CONOCO INC. 4000' 005073 ¹⁰Surface Location Lot Idn Feet from the North/South line East/West line UL or lot no. Section Township Range Feet from the County 17-S 770 2306 **EAST** 0 17 32-E SOUTH LEA Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot Idn Feet from the North/South line | Feet from the East/West line County ¹³Joint or Infill "Consolidation Code "Order No. 12 Dedicated Acres 40 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 OPERATOR CERTIFICATION I hereby certify that the information contained herein is J**E**RRY W. HOOVER SR. CONSERVATION COORDINATOR 75110 Date 18 SURVEYOR CERTIFICATION was plotted from field notes of actual surveys made by I or under my supervision, and that the same is true correct to best of my belief. JANUARY 23<u>. 1</u>997 EARL FOO Date of Survey Signature and Seal 8278 2306' OFESSIONAL

Certificate Number

PROPOSED WELL PLAN OUTLINE

WELL NAME ELVIS #2

SECT. 17 T-17S R-32E LEA CO. LOCATION

| TO | <u> </u> | | S R-32E LEA CO | | | | , | | | | |
|-----|----------|------------------------|---|--|---------|-----------------------------------|--------|---------------|----------|----------------------|---------|
| | | FORMATION | | TYPE OF | | CASING | | FORMATION | | MUD | |
| | | TOPS & TYPE | DRILLING | FORMATION | HOLE | | FRAC | PRESSURE | | | |
|), | MD | W/ 18' KB | PROBLEMS | EVALUATION | SIZE | SIZE DEPTH | GRAD | | WT | TYPE | DAYS |
| 0 | | | | | | PRESET 40' CONDUCTOR | | BELOW | 84-87 | SPUD | i i |
| Ī | | | RED BEDS LOST CIRCULATION | | 17-1/2* | | | NORMAL | | | |
| ŀ | | RUSTLER @625 | LOST CIRCULATION | | | | | | | | 1 |
| 1 | | | | | | 13-3/8" @ 675' | | | _ | | |
| F | | | SALT SECTION | MUD LOGGERS AND EQUIPMENT ON BY@ 1000' | | 54.5# K-55 stc CIRC. CEMENT | | | | | |
| t | | | | BY 1000' | | CIRC CLIMAN | | | | | |
| 2 | | YATES @2044' | INSTALL ROT. HEAD BOWL | | | | | 0.0.000 | | | ì |
| - | | | PRIOR TO DRILLING QUEEN | | 12-1/4" | | | 9.0 PPG | 9.0-10 0 | BRINE | |
| | | | | | | | | | | | |
| 3 | | QUEEN @ 3071' | POSSIBLE H2S | H2S EQUIPMENT ON PRIOR TO QUEEN FORMATION | | | | 1 | | | 1 |
| | | SAN ANDRES @ 3751' | POSSIBLE OVERPRESSURED | | Ì | | | | | | [|
| 4 | | SAN ANDRES @ 3731 | WITH CO2 &/OR WATER FLOOD | | | | | i | | | |
| 7 | | | WITH COLEON WATER TEOOD | | | | 1 | | | | |
| F | | | + | GR-CAL-CN-ZDL-DLL-MLL | | 9-5/8" @ 4600' | | | | | 1. |
| 5 | | | | GR-CAL-BHC | | 40# L-80 LTC | |] | 8.5-8.8 | FW | |
| ļ | | PADDOCK @ 5231' | | | | 50' PAST B/ 9TH MASS | | | | | |
| - | | | | | ŀ | CIRC. CEMENT 30 % OVER CALIPER | 1 | | | | } |
| 6 | | | SEEPAGÉ LOSSES | | | | | | | | 1 |
| F | | TUBB @ 6541' | | | | | | | | | |
| Ì | | | | | 8-3/4" | | 1 | 1 | | | |
| 7 | | | | | | | | 8.5- 9.0 PPG | | | |
| ł | | | | | | | ! | | | | ĺ |
| -[| | ABO @ 7756 | | | Ì | | } | i | | E MIX 2 & | 1 |
| 8 | | | INSTALL MUD/GAS SEP. | | | | | | | FIBER TO L LOSSES | |
| - | | | ROT. HEAD & PVT EQUIP PRIOR TO DRILLING WOLFCAMP | | | | 1 | | BELOW A | BO FW GEL/ | |
| 9 | | WOLFCAMP @ 9007 | POSSIBLE H2S | | | | | | 8,5-9.0 | POLY PLI |) 35 |
| ļ | | | GAS CUT MUD | | | | | ! ! | | THERMP | |
| ŀ | | WOLFCAMP/MZ @ 9464 | | | | | | | | WL<20cc | |
| 0 | | | | | | | | | | | |
| } | | CISCO @ 10284' | SEEPAGE LOSSES | | | | | | | | |
| ļ | | CANYON @ 10860' | | | | | | | | | |
| щ | | STRAWN @ 1385' | | • | | | j [| | | | |
| Í | | _ | | | | | | | | WL<15cc | |
| F | | ATOKA @ 11803' | POSSIBLE H2S /GAS CUT MUD | | | | | | | | |
| 12 | | MORROW @ 12044 | REACTIVE SHALES | | | | | | | | |
| - | | BARNETT @ 12749 | | | | | | | 8.8-9 2 | WL<10cc | |
| 13 | | J. 150.75.11 (B) 14/77 | | | | | | | | i | |
| Ė | \equiv | WOODFORD | REACTIVE SHALES | BOSSIBI E DET | | | | | | | |
| - | | DEVONIAN @ 13704 | GAS CUT MUD | POSSIBLE DST | { | | | | | | |
| 14 | | - | | | | | | | | | |
| F | | | | | | | | | | | |
| þ | | | | | | | | | | | |
| 15 | | ELLENBURGER @ 15100' | | | | | | | | | |
| L | | | | | | | | | | | |
| اء, | | | | | | i : | | | | | |
| 16 | | | | | 1 | , | | | | | |
| F | | TD @ 17000' | | | | | | BUD = 7300: | | | |
| 17 | -+ | 1D@1/000 | | GR-CAL-DLL-ZDL-CNL-MLL | - | | | BHP = 7300psi | | | |
| t | | | | GR-CAL-BHC-AC-SL | | 7" @ 17000 32# L-80 BTC | | | | | |
| - | | | | CBIL | | 32# L-80 BTC TOC @ 3600' | | | | | |
| (| | | 1 | 1 | | ~ | | | | | |

| DATE JANUAR | Y 23. | 1997 |
|-------------|-------|------|
|-------------|-------|------|

APPROVED ROGER WILLIAMSON

ENGINEER

| Well Name: | Elvis #2 | | | _ | | | |
|-------------------------|---------------------------------------|---|------------------------|-------------------------------------|---------------------|----------|-------------|
| Location : | Sect. 17 T-17 | -S R-32E Lea Co | · | _ | | | |
| Casing Program Surface: | 13 3/8" | casing in | 17 1/2" | _Hole at | 650ft. | | |
| Intermediate : | 9 5/8" | casing in | 12 1/4" | _Hole at | ft. | | |
| Production : | 7" | casing in | 8 3/4" | _Hole at | ft. | | |
| Cementing Program: | | | | | | | |
| | Surface Lead Additives | 415 35:65:6 (Poz:Ce 0.25 pps Cello | m:Gel) + 2% (| Class C CACL2 + | Mixed at | 12.7 | ppg |
| | Tail Additives | 150 2% CACL2 | sacks | Class C | Mixed at | 14.8 | ppg |
| | Intermediate Lead Additives | | | Class C D-32 + 0.2% SMS | | 12 | ppg |
| | Tail Additives | 150 2% CACL2 | sacks | Class C | Mixed at | 14.8 | ppg |
| | | 1230 1.3% FloBlok 21 | | | Mixed at 0.2 SMS | 15.8 | ppg |
| | Free Water (2nd Stage) Lead Additives | | DV Tool sacks | 7,000 Class H FloBlok 210 + 0 | Mixed at | /30 min. | ppg |
| | Tail Additives | 0.3% CD-32 + 0. 1150 1.3% FloBlok 210 | sacks | Class H 32 + 0.4% R-3 + | Mixed at 0.2 SMS | 15.6 | ppg |
| | (3rd Stage) Lead Additives | 240 16% Gel + 2% S + 0.4% R-3 | sacks Salt + 0.3% C | <u>Class C</u> CD-32 + 0.3% SI | | 12 | ppg |
| | Tail Additives | 690 1.1% FL-62 + 29 + 0.2% SMS | | Class C Salt + 0.3% CI | Mixed at 0-32 | 14.8 | ppg |

SURFACE USE PLAN Conocoinc.

Elvis No. 2

The following is required information concerning the possible effect which the drilling of this well may have on the environment, existing road sites, and surrounding acreage. A copy will be posted on the derrick floor so all contractors and sub-contractors will be aware of all items of this plan.

1. Existing Roads

- A. The proposed well site is 770' FSL & 2366' FWL, Sec. 17, T-17S, R-32E, Lea County, New Mexico.
- B. Exhibit "A" is a Vicinity road and well map. Directions to the location are as follows:

Go south from Maljamar on Highway 126 for 2-3/4 miles. Then turn right for 1.1 miles, right for .4 miles, left for .2 miles, right for .2 miles, left for .2 miles, and right for .2 miles. Then go 200 feet to location.

C. No improvement or maintenance is anticipated for the existing roads.

2. Planned Access Roads

- A. No new access road will be required.
- B. No turnout will be required.
- C. No culverts will be required.
- D. No gates, cattleguards, or fences will be required.

3. Topographic Map and Well Location

A 7.5" quadrangle topo map of the area is included as Exhibit "B".

4. Additional Right-of-Ways

No additional right-of-ways will be required.

5. Water Supply

Water will be secured from the Double Eagle water line which runs just to the north side of the location by 3" Fas-line.

6. Source of Construction Materials

Caliche will come from a pit located in the NE/4 NE/4 Sec. 4, T-17S, R-32E.

Form 3180-5 (June 1990)

TD:

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. D P.O. Box 1980

FORM APPROVED

| (18 <u>1</u> 0.17 | | | |
|-------------------|----------|-----|-------|
| ease Des | ignation | and | Segal |

| Hobbs NDRY NOTICES AND REPORTS ON WELLS | NM | 882 |
|---|----|-----|
|---|----|-----|

LC 029405B

Wildcat Ellenburger

Lea, NM

11. County or Parish, State

| SUNDRY NOTICES AND REPORTS ON WELLS | 6. If Indian, Allottee or Tribe Name |
|--|---|
| Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals | |
| SUBMIT IN TRIPLICATE | 7. If Unit or CA, Agreement Designation |
| 1. Type of Well | |
| X Oil Gas INJECTION Well Well Other | 8.V |
| 2. Name of Operator | Elvis Well #2 |
| CONOCO INC. 3. Address and Telephone No. | 9. API Well No. |
| · | 30 025 33854 |
| 10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 686 - 5424 915 684-6381 | 10. Field and Pool, or Exploratory Area |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) | |

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--------------------------|-----------------------------|--|--|--|
| Notice of Intent | Abandonment | Change of Plans | | |
| | Recompletion | New Construction | | |
| X Subsequent Report | Plugging Back | Non-Routine Fracturing | | |
| | Casing Repair | Water Shut-Off | | |
| Final Abandonment Notice | Altering Casing | Conversion to Injection | | |
| | X Spud, run & cement casing | Dispose Water | | |
| | - | Piote: Report results of multiple completion on Weil | | |
| | | Completion or Recompletion Report and Log form.) | | |

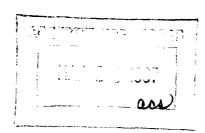
13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3-8-97: Well spudded, I7 I/2" hole.

SURFACE: 770 FSL & 2366 FEL

Sec 17, T17S, R32E

3-9-97: Ran 675' of I3 3/8", 48#, H-40 casing, cemented with lead slurry - 4l5 sx 35:65 POZ, + 6% gel + 2% CaCl2 + I/4#/sx cello-flake, tail slurry - I50 sx Cl C + 2% CaCl2 + 1/4#/sx cello-flake. Circulated II0 sx to surface. Tested to 600#-held.



RECEIVED I

| 14. I hereby certify that the foregoing it true abactoriest Signed | Ann E. Ritchie Title REGULATORY AGENT | Date 3-19-97 |
|--|---------------------------------------|--------------|
| (This space for Federal or State office use) | | |
| Approved by Conditions of approval, if any | Title | Date |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

| (\$4,1923). | The ideal of the control of the cont | TE PROPERT | , V MO: | 1940 | 11_ | DS 08 | Fr | FORM APPR OMB NO. 100 pires: Februar | 04-0136 |
|--|--|------------------|------------|---------------------------|----------|---------------------|--|--|----------------|
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | DEPARTMENT | | | <u></u> | 7 | - 1555.155 2 | | | IND SERIAL NO. |
| | BUREAU OF | | - | 13/9 | | | LC 029 | 405B | |
| APPL | CATION FOR P | FE | 30 | -125 | 33854 | F | 6. IF INDI | AN, ALLOTTER | OR TRIBE NAME |
| | ILL 🛭 | APINO | <u></u> | | | | 7. UNIT A | GREEMENT NA | ×s |
| b. Tipe of Well oil (SZ) G | AS C | | 81 | INOLE (S) | MULTIPL | | 9 | LEW BHAN POR | |
| 2. NAME OF OPERATOR | CLL OTHER | | 20 | ONE INC | ZONE | | Elvis | | . NO. |
| Conoco, Inc. | | | | (915) 6 | 86-6548 | з [| 9. AR WELL | | |
| 3. ADDRESS AND TELEPHONE NO. | | | | | | | 30-25- | | |
| 10 Desta Dr. S 4. LOCATION OF WELL (R At Muriace | ite 100W, Midlan eport location clearly and | d. TX 79705 | th any s | itate requireme | nts.•) | | 10. FIBLD AND POOL, OR WILDCAT Wildcat Ellenburger | | |
| Tr 111176 | 770' FSL & 236 | 6' FEL | | | \wedge | ľ | 11. #BC., T | ., R., M., OR BI | LR. |
| At proposed prod. zor | 770' FLS & 236 | 6' FEL | L | lwif | D | 1 | | 7, T-17S | - |
| 14. DISTANCE IN MILES | AND DIRECTION FROM NEA | REST TOWN OR POS | T OFFIC | E* | | | 12. COUNT | T OR PARISH | 13. STATE |
| 15. DISTANCE PROM PROP | | | | | | | Lea | | NM |
| LOCATION TO NEAREST PROPERTY OR LEASE 1 | r | | 16. K | O. OF ACREE IN | LEASE | 17. NO. 01 | PACRES AS: IS WELL | BIGNED | |
| (Also to nearest drig | OSED LOCATIONS | | 19. Pt | OPOSED DEPTH | | 20. ROTAE | T OR CABLE | 40 | |
| TO NUAREST WELL, D OR APPLIED FOR, ON TH | RILLING, COMPLETED, IS LEASE, FT. | | 1 17 | '.000 ' | | | ary | | |
| 21. ELEVATIONS (Show wh | ether DF, RT, GR, etc.) | | | 1000 | | | 22. APPE | OX. DATE WOR | K WILL START" |
| 23. | | | | | | | 3, | /1/97 | |
| | ,, | PROPOSED CASI | NG ANI | CEMENTING | PROGRAM | | والأباع أسما | TER BAS | |
| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER PO | | SETTING D | | | QUANT | WINESS | 7 |
| 17-1/2" | 13-3/8" K-55 R-5/8" I-80 | 54.5# | | _675′ | | _565_c | | THE GO |) |
| 12-1/4" 8-3/4" | 7" L-80 | 32# | | 17,000 | | 1600_ | | 7/00/ | |
| U 37 4 | Y 2 30 | 132# | | , 17,000 | i | 3700 | - top (| . 7900 | |
| to the drilling | to drill this we plan outlined i | in the follo | owing | attachme | nts: | | | | • |
| Well Locati Proposed We | on & Acreage Dec ll Plan Outline | dication Pla | at (C | -102) - U | northod | ox loc | ation f | iled wit | th NMOCD |
| Cementing P | rogram | | | | APF | PROVAL | SUBJEC | T TQ | |
| Surface Use EXHIBIT A - | Vicinity Man | | | | GE | NERAL F | REQUIRE | MENTS A | ND |
| 6. EXHIBIT B - 7. EXHIBIT C - | Topo & Lease Ro Standard Rig La | oad Map | | | SPE | ECIAL ST | TIPULATI | ONS | . • |
| 8. BUP & Choke | Manifold Specif | fications (2 | 2 dia | grams) | ATT | ACHED | | | |
| 10. H2S Drillin | g Operations Pla | ın & Diagram | n | | | | | | · ·• |
| An archeological survey will be ordered for this location and forwarded when completed. The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described above | | | | | | | | | |
| and as covered by bull bond File No. E5-0085. | | | | | | | | | |
| IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. | | | | | | | | | |
| 24. | 1,11 | | | | | | | | |
| SICNED OW | MHOORE | 7117 | Sr | Conservat | ion Coo | rdinat | OK DAT | ± 1/23/97 | |
| (This space for Federal or State office use) | | | | | | | | | |
| PERMIT NO. | | | | APPROVAL DATE | | | | | |
| Application approval does not warrant or occilly that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations them. CONDITIONS OF APPROVAL IF ANY: | | | | | | | | | |
| | | | | a magazini in menerila di | | | | | |
| APPROVED BY PRICE. SC | BL: DM - EPG) | | | JDM, WINE | | | DATE | 2/24/9 | 97 |
| *See Instructions On Reverse Side | | | | | | | | | |

7. Methods of Handling Waste Disposal

Waste Disposal: Well cuttings will be disposed in reserve pit. Barrel trash containers to be in accessible locations within drill site area during drilling and completion procedures. All detrimental waste will be hauled away. See Exhibit "C"(rig layout) for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system, or separate disposal applications will be submitted to survey for appropriate approval.

8. Ancillary Facilities

None.

9. Wellsite Layout

See Exhibit "C". The V-door faces East. The reserve pit will be lined with plastic and the pad and pits are staked. All unguarded pits containing liquids will be fenced and any unguarded pit containing oil and/or toxic liquids will be covered with a fine mesh netting to protect wildlife, if necessary.

10. Plans for Restoration of Surface

Pits will be backfilled and leveled to original condition when they are dry. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement.

11. Surface Ownership

Federal

12. Other Information

An Archeological study for this location has been ordered and will be filed as soon as completed.

13. Operator's Representative and Certification

The person who can be contacted concerning compliance of this Surface Use Plan is:

Jerry W. Hoover 10Desta Drive West Midland, Texas 79705

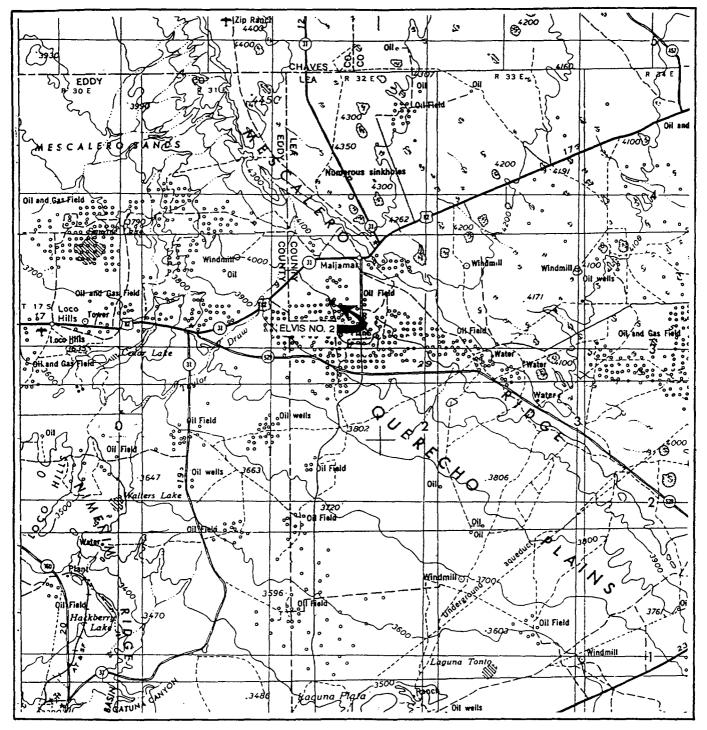
(915)886-6548

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drilling site; that I am familiar with the conditions which currently exist; that the statements made in this plan, are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Conoco Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Gary L. Smith, Drilling Manager

Date

VICINITY MAP



WTC 44762

SCALE: 1° = 4 MILES

SEC. 17 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M

COUNTY LEA STATE NM

DESCRIPTION 770' FSL & 2306' FEL

ELEVATION 4000'

OPERATOR CONOCO INC.

LEASE ELVIS NO. 2

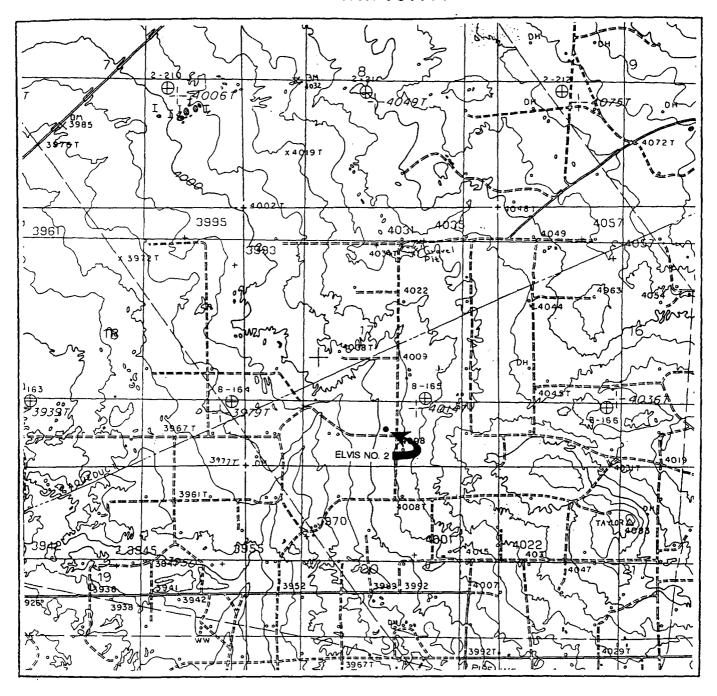
WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS
MIDLAND, TEXAS

915-685-3800

EXHIBIT A

LOCATION VERIFICATION MAP



WTC 44762

USGS TOPO MAP MALJAMAR, NM

SCALE: 1" = 4 MILES

WEST TEXAS CONSULTANTS, INC.

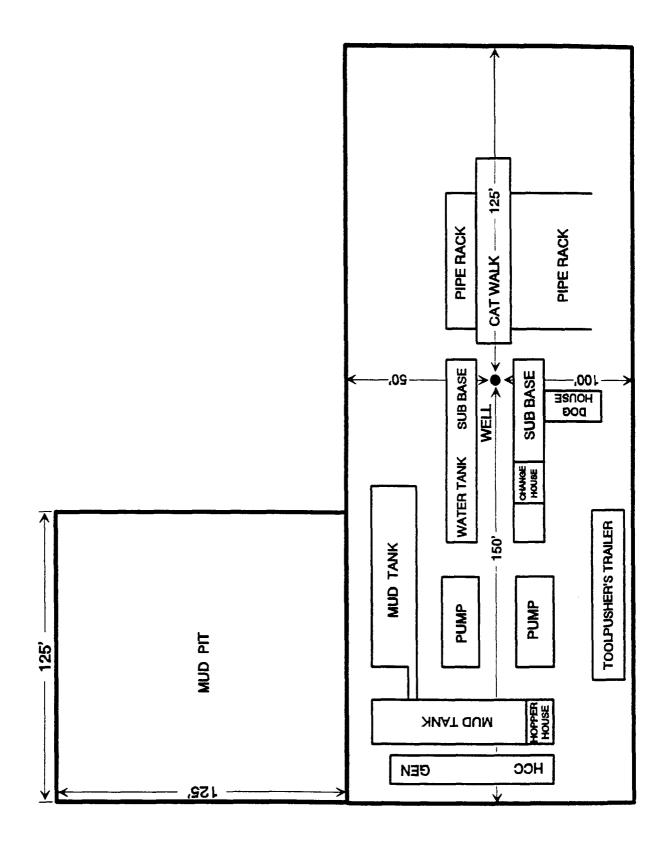
ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

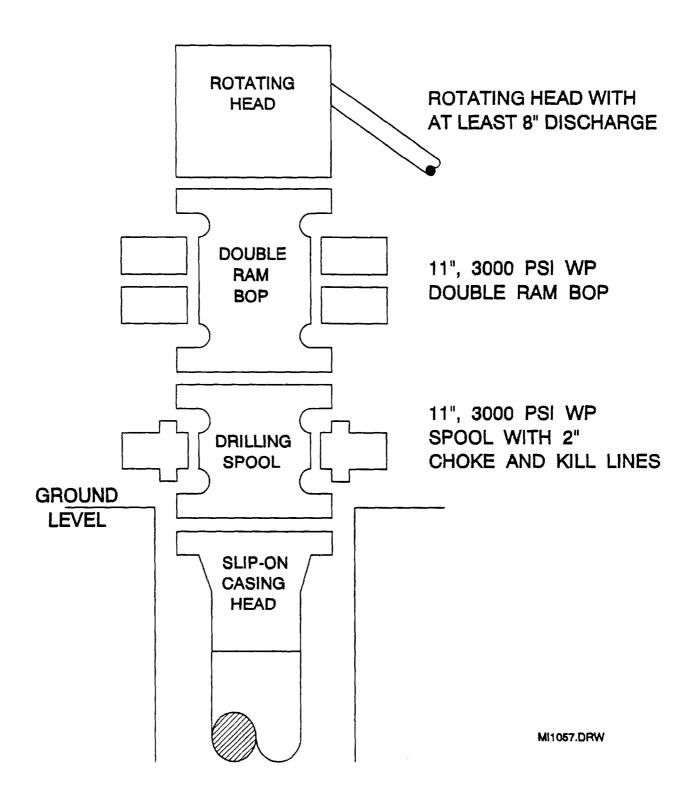
915-685-3800

EXHIBIT B

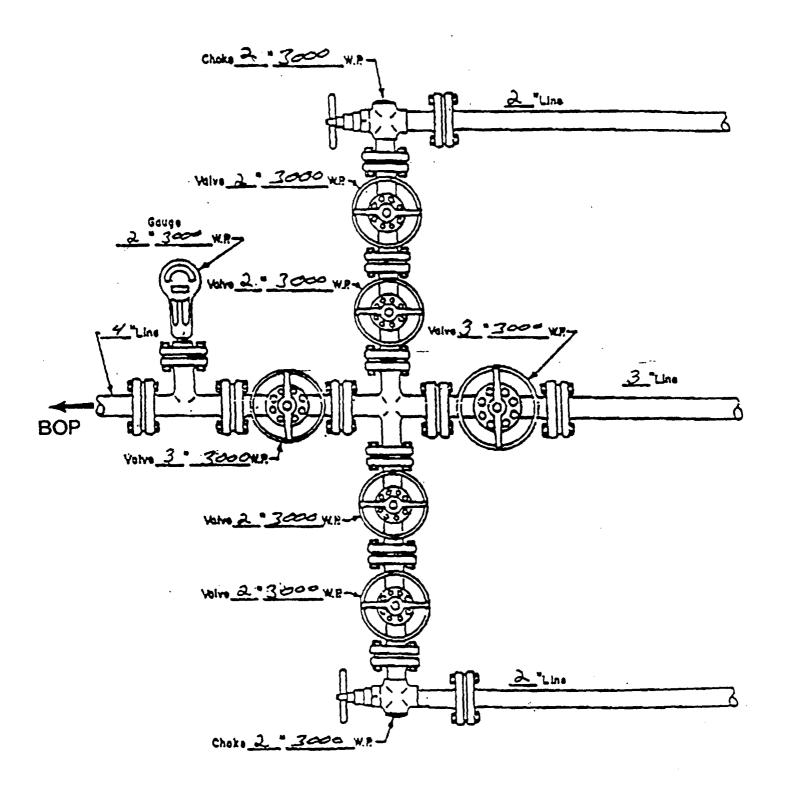
STANDARD RIG LAYOUT



BOP SPECIFICATIONS



CHOKE MANIFOLD DIAGRAM



MANIFOLD ∴7000 ¥WR Monuel ...

☐ Hydraulic

H2S DRILLING OPERATIONS PLAN

I. Hydrogen Sulfide Training

All contractors and subcontractors employed by Conoco will receive or have received training from a qualified instructor within the last twelve months in the following areas prior to commencing drilling operations on this well.

- 1. The hazards and characteristics of hydrogen sulfide (H2S)
- 2. Safety precautions
- 3. Operations of safety equipment and life support systems.

In addition, contractor supervisory personnel will be trained or prepared in the following areas:

- 1. The effect of H2S on metal components in the system, especially high tensile strength tubulars are to be used.
- 2. Corrective action and shut-down procedures when drilling or reworking a well, blowout prevention and well control procedures, if the nature of work performed involves these items.
- 3. The contents and requirements of the contingency plan when such plan is required.

All personnel will be required to carry documentation of the above training on their person.

II. H2S EQUIPMENT AND SYSTEMS

1. Safety Equipment

The following safety equipment will be on location:

- A. Wind direction indicators as seen in attached diagram.
- B. Automatic H2S detection alarm equipment (both audio and visual).
- C. Clearly visible warning signs as seen on the attached diagram. Signs will use the words "POISON GAS" and "CAUTION" with a strong color contrast.
- D. Protective breathing equipment will be located in the dog house and at briefing areas as seen in the attached diagram.

2. Well Control Systems

A. Blowout Prevention Equipment

Equipment includes but is not limited to:

- a. pipe rams to accomodate all pipe sizes
- b. blind rams
- c. choke manifold
- d. closing unit
- e. flare line and means of ignition

B. Communication

The rig contractor will be required to have two-way communication capability. Conoco will have either land-line or mobile telephone capabilities.

1

C. Mud Program

The mud program has been designed to minimize the volume of H2S circulated to surface. Proper mud weight, safe drilling practices, and the use of H2S scavengers when appropriate will minimize hazards when penetrating H2S bearing zones.

D. Drill Stem Tests

There are no drill stem tests proposed for this well.

III. WELL SITE DIAGRAM

A complete well site diagram including the following information is attached:

- 1. Rig orientation
- 2. Terrain
- 3. Briefing areas
- 4. Ingress and egress
- 5. Pits and flare lines
- 6. Caution and danger signs
- 7. Wind indicators and prevailing wind direction

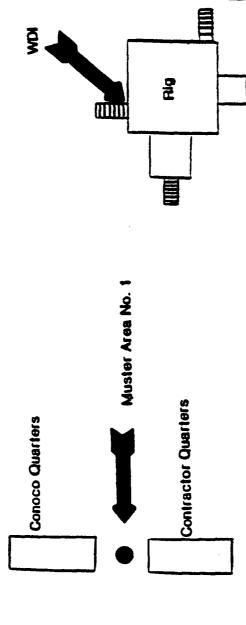
FIGW IGW

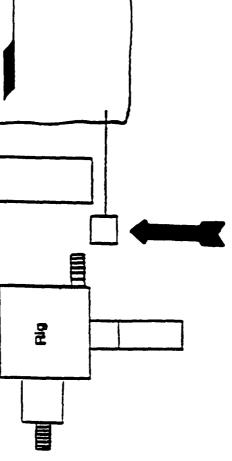
H2S Salety Contractor

Terrain is flat, and covered with native grasses

Two of the three WDI (wind direction indicator) locations will be utilized

(Prevailing winds are SW to NE)





Choke Manifold

Muster Area No. 2 WDI



| COMPLETIONS 30-T-0039 09/26/ | SEC 17 97 30-025-3 | 7 TWP 17S RGI 33854-0000 | E 32E PAGE 1 |
|---|---------------------------------------|-----------------------------|-----------------|
| NMEX LEA * STATE COUNTY | 770FSL 236 | 66FEL SEC | 2007 |
| CONOCO INC | | | WD DO |
| 2 ELVIS | S | | |
| 4000GR OPER ELEV | | MAI TAMAR | W |
| | | API 30-025-33 | 854-0000 |
| 03/08/1997 06/18/19 SPUD DATE COMP. DATE | 997 ROTARY | VERT | OIL |
| 17000 DEVONIAN NABORS | S DRLG USA | 311 | |
| DTD 14000 FORILLERS T.D. LOG T.D. | PB 13960 | FM/TD D | EVONIAN |
| | ATION DESCRI | | |
| 2 MI SW MALJAMAR, NM .25 MI E/5354 (PDCK) | OIL PROD IN | MALJAMAR FLD | |
| WELL IDEN | NTIFICATION/ | CHANGES | |
| FLD CHGD FROM WILDCAT | [| | |
| CAS | SING/LINER D | ATA | |
| CSG 13 3/8 @ 675 W/ CSG 9 5/8 @ 4588 W/ CSG 7 @14000 W/ | 565 SACKS 2085 SACKS 3617 SACKS | | |
| | INITIAL POT | ENTIAL | |
| IPP 943BOPD 1250 M DEVONIAN PERF PERF 13842-13852 | ICFD2300BW | 13842-13852 | 24HRS |
| GOR 1326 | | GTY (NR) | |
| DRILLING PROG | RESS DETAIL | S | |
| CONOCO IN 10 DESTA MIDLAND, 915-686-5 01/29 LOC/1997/ 03/13 DRLG 2545 03/20 DRLG 3906 | DR WEST TX 79705 400 | | |

CONTINUED IC# 300257006697



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COMPLETIONS 30-T-0039 09/26/97 30-025-33854-0000 PAGE 2

CONOCO INC ELVIS

DRILLING PROGRESS DETAILS

DRLG AHEAD O4/03 DRLG 7618 O4/17 DRLG 10882 O4/17 DRLG 10882 O4/24 DRLG 12044 O5/16 14000 TD, PB 13960, SWBG O6/13 14000 TD, PB 13960, SWBG O6/27 O7/22 RIG REL 05/14/97 O9/23

RIG REL 05/14/97 O9/23

PROD ZONE - DEVONIAN 13842-13852 NO CORES OR TESTS RPTD
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