

DATE IN <u>3/26/01</u>	SUSPENSE <u>4/16/01</u>	ENGINEER <u>M.S</u>	LOGGED BY <u>RN</u>	TYPE <u>NSL</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -

~~1005637780~~  
**111447587**

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

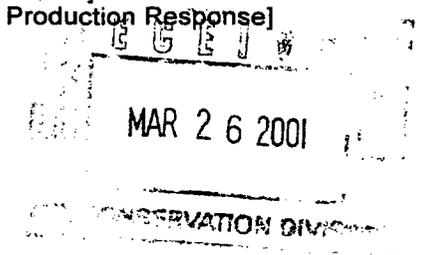
- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

- [A] Location - Spacing Unit - Directional Drilling  
 NSL     NSP     DD     SD

Check One Only for [B] and [C]

- [B] Commingling - Storage - Measurement  
 DHC     CTB     PLC     PC     OLS     OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX     PMX     SWD     IPI     EOR     PPR



[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or  Does Not Apply**

- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding**

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

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

<u>Kay Maddox</u> Print or Type Name	<u><i>Kay Maddox</i></u> Signature	<u>Regulatory Agent</u> Title	<u>3/23/01</u> <del>3/20/01</del> Date
---	---------------------------------------	----------------------------------	--



Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

23  
March 20, 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-S, 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.

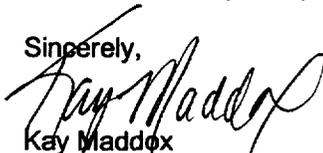
There are several other prospective zones behind casing lower in the Wolfcamp in the Elvis No. 4. There is a zone in the lower Wolfcamp that is at a depth comparable to the producing intervals in the Elvis No. 2 Wolfcamp completion. In the Elvis No. 4 this zone has a mud log show, but the logs indicate 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.

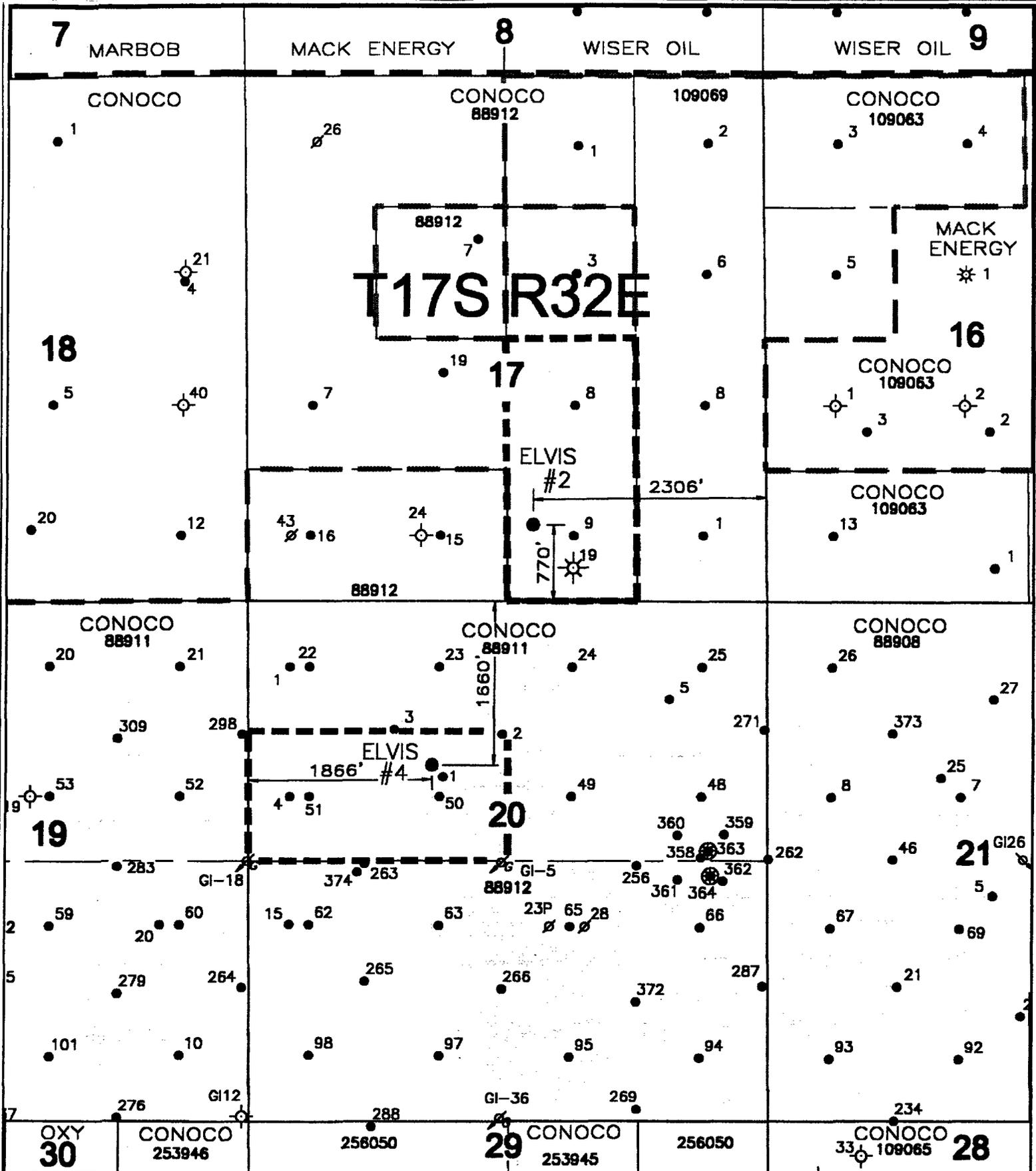
Conoco respectfully requests that an unorthodox location be granted for the Elvis # 4 and the Elvis # 2 in order to prevent waste by utilizing nonproductive existing wellbores. If any additional information is required please call me at (915) 686-5798.

Sincerely,



Kay Maddox  
Regulatory Agent - Conoco

Cc: New Mexico Oil Conservation Division - Hobbs  
W. Thomas Kellahin - Legal Counsel



MCA UNIT - GRAYBURG & SA ONLY

CONOCO LEASEHOLD

CONOCO INC. OFFICE  
10 DESTA DRIVE WEST  
MIDLAND, TEXAS 79705

DATE: 3/01/01

DRAWN BY: glg

CHECKED BY:

APPROVED BY:

SCALE: 1" = 1320'



EXPLORATION PRODUCTION AMERICAS

ELVIS NO. 2 & 4  
SECTION 17 & 20, T17S, R32E  
LEA COUNTY, NEW MEXICO

STATE	API COUNTY
30	\ 025

DRAWING
MCA-1720

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

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102

Revised February 21, 1994  
instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33949		2 Pool Code 4480		3 Pool Name Baish Wolfcamp	
4 Property Code		5 Property Name Elvis			6 Well Number # 4
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3984

#### 10 Surface Location

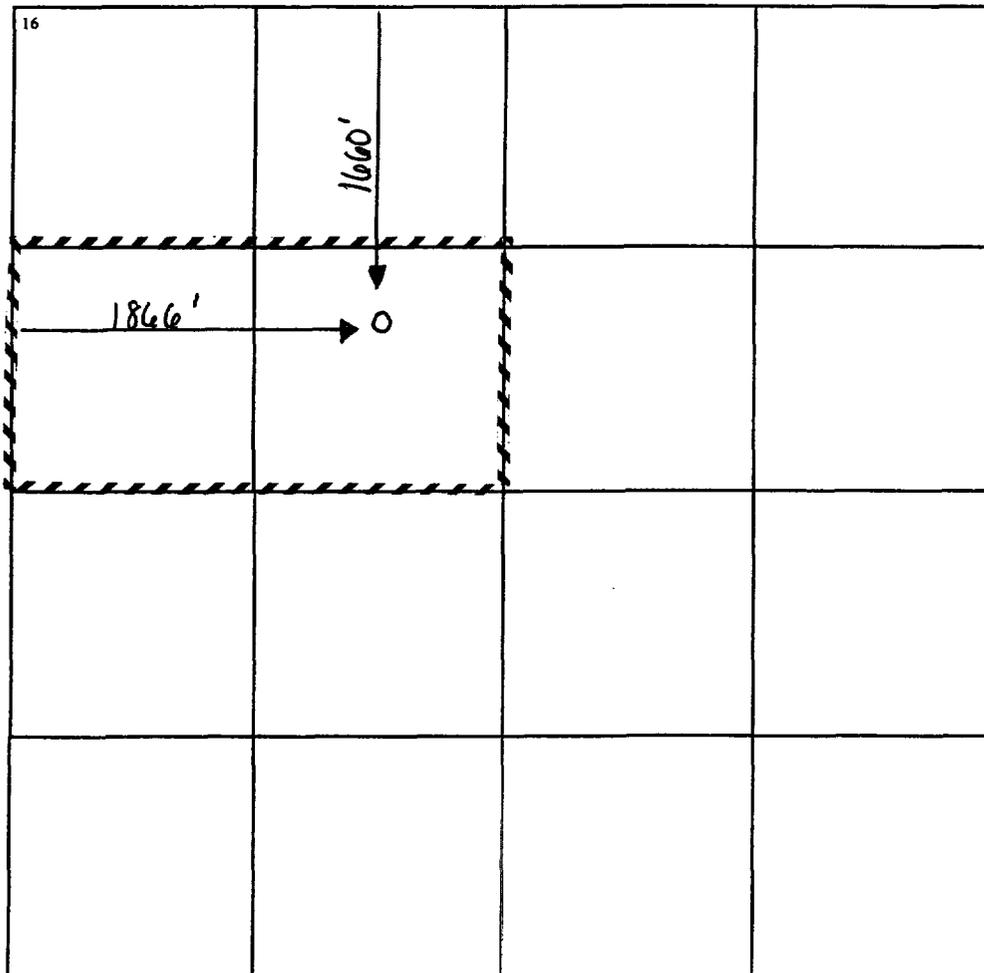
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	17S	32E		1660	North	1866	West	Lea

#### 11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 80	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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



#### 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*  
Signature

Kay Maddox

Printed Name

Regulatory Agent

Title

March 1, 2001

Date

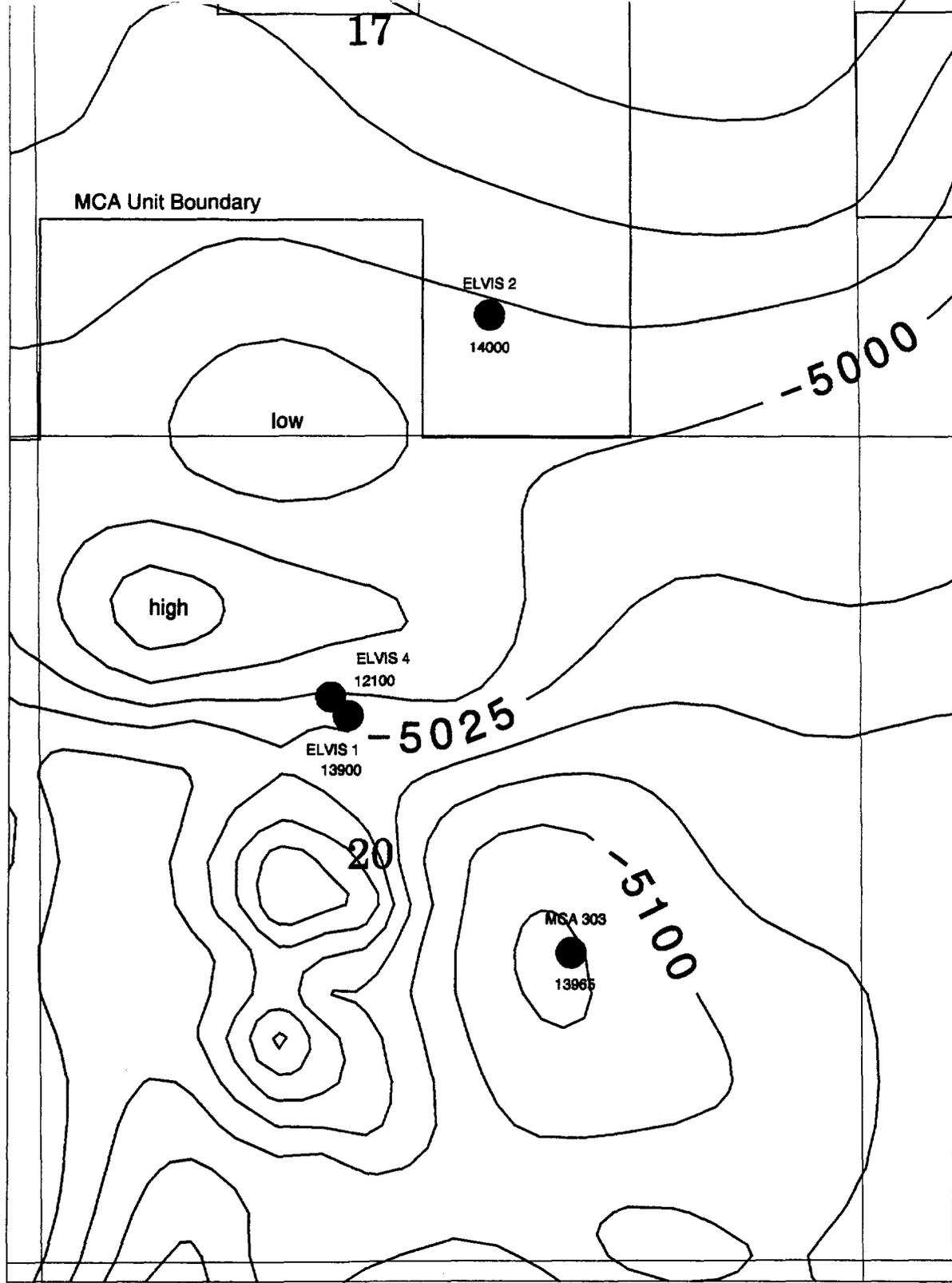
#### 18 SURVEYOR CERTIFICATION

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 best of my belief.

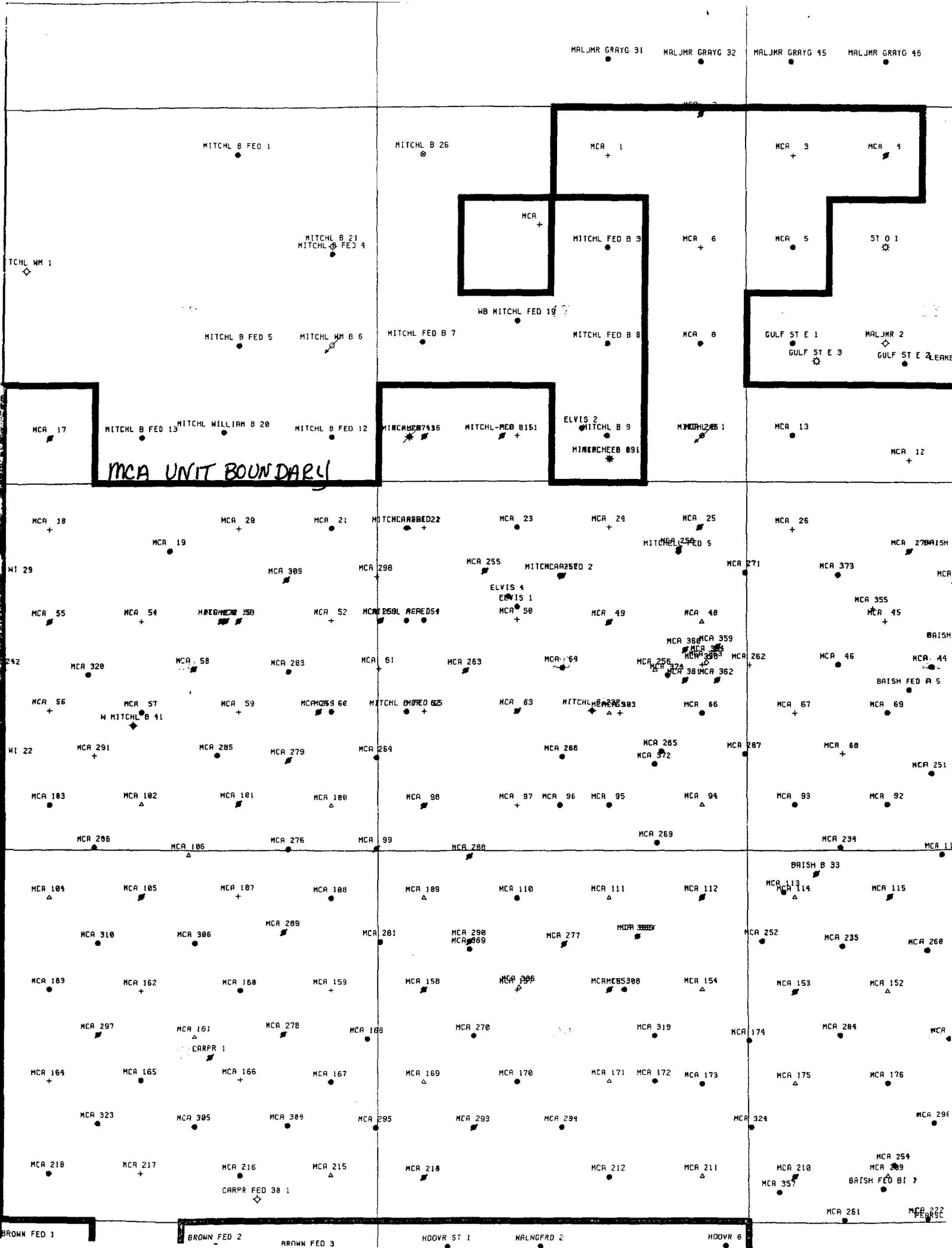
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number



<b>CONOCO</b>	
MCA Lea County, N.M.	
1:12000	FEET
MKB	Jan 11, 2001
Wells > 9000	
Sec 20, T17B, R32E	
STRUCTURE CONTOURS ON TOP OF WOLF CAMP	



MCA UNIT BOUNDARY

Form 3160-4  
(November 1983)  
(Expires 9-30-93)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

5. LEASE DESIGNATION AND SERIAL NO.  
L-029485A-1C-029405(2)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Elvis Well #4

9. API Number  
30 025 33949

10. FIELD AND POOL, OR WILDCAT  
Maljamar Cisco

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec 20, T17S, R32E

12. COUNTY OR PARISH  
Lee

13. STATE  
NM

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER

1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  OTHER

2. NAME OF OPERATOR  
CONOCO, INC.

3. ADDRESS OF OPERATOR  
10 Deata Dr., Suite 100W, Midland, Texas 79705-4500 (915) 684-6381

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1660 FNL & 1866 FWL, Unit Ltr. F  
At top prod. interval reported below  
At total depth

14. PERMIT NO. DATE ISSUED  
4-22-97

15. Date Spudded 5-22-97 16. Date T.D. Reached 7-18-97 17. DATE COMPL (Ready to prod.) 8-7-97 18. ELEVATIONS (DF,RKB,RT,GR,ETC.) 3984' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 12,100' 21. PLUG, BACK T.D., MD & TVD 11,396' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS X 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)\*  
Cisco @ 10,392-10,458 (initial)  
Perforations added October 1997 - 10,710-10,890' 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR/OCL 27. WAS WELL CORED no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	Amount Pulled
11 3/4"	428	670'	14 3/4"	370 sac	NONE
8 5/8"	328	4800'	12 1/4"	190 sac	NONE
5 1/2"	178	12,100'	7 7/8"	1280 sac	NONE

29. LINER RECORD 30. TUBING RECORD

Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	10,336'	10,336'

31. PERFORATION RECORD (Interval, size and number)  
Cisco @ 10,392'-10,890'

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

DEPTH INTERVAL (MD)	AMT. AND KIND OF MATERIAL USED
10,392-10,458'	40 bbls 2% KCL, 11 bbls 15% NEPE HCL
10,710-10,890'	15,000 gals 15% NEPE HCL

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or PRODUCING)
8-7-97	flowing	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
8-27-97	24			244	261	0	1070

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
1008						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Sales TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
filed to correct field name listed on initial filing of 9-8-97

ACCEPTED FOR RECORD  
JUL 21 1998  
Ann E. Ritchie, Regulatory Admin

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
915 684-6381

SIGNED: *Ann E. Ritchie* TITLE: Ann E. Ritchie, Regulatory Admin DATE: 7-17-98

\*(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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**OPERATOR'S COPY**  
SUBMIT IN DUPLICATED

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1 a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
1b. TYPE OF COMPLETION: NE WELL  WORK OVER  DEEP-en  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR  
CONOCO INC.

3. ADDRESS OF OPERATOR  
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)\*  
At surface 770' FSL & 2366' FEL  
At top prod. interval reported below 2306' "  
At total depth "

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. Date Spudded 3-8-97 16. Date T.D. Reached 5-13-97 17. DATE COMP (Ready to prod) RC:1-5-2000 18. ELEVATIONS (DF,RKB,RT,GR,ETC.) 4000' GR 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 14,000' 21. PLUG, BACK T.D., MD & TVD 13,715' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS X CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)\*  
Wolfcamp @ 9674-9989' & 9690'-9714'  
0974

25. WAS DIRECTIONAL SURVEY MADE \_\_\_\_\_

26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR/CBL/VDL/CCL/Radial Bond

27. WAS WELL CORED  
NO

28. 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'	17 1/2"	565 sx	none
9 5/8"	40#	4588'	12 1/4"	2085 sx	none
7"	29#	14,000'	8 1/4"	3617 sx	none

29. LINER RECORD

Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD
					SIZE 2 7/8" DEPTH SET (MD) 10,028' PACKER SET (MD) _____

31. PERFORATION RECORD (Interval, size and number)  
0974  
9674-9989' w/ 4 shots/ft., 9690-9714' w/4 shots/ft.

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

DEPTH INTERVAL (MD)	AMT. AND KIND OF MATERIAL USED
9674-9989'	1000 gals HCL, 85 bbls acid, 7500 gals acid, & 60 bbls 2% KCL flush, 292 bbls 2% HCL, 30 & 60 bbls acid, w/60 bbls flush w/ball sealers
	10,000 gals cross link acid

33. PRODUCTION

DATE FIRST PRODUCTION 11-30-99 PRODUCTION METHO (Flowing, gas lffy pumping - size and type of pump) pumping WELL STATU (Producing or shut-in) PROD

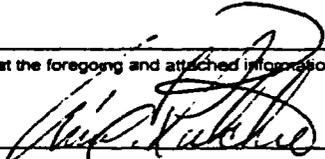
DATE OF TEST 1-12-2000 HOURS TESTED 24 CHOKE SIZE \_\_\_\_\_ PROD'N. FOR OIL - BBL TEST PERIOD 85 GAS - MCF. 75 WATER - BBL. 175 GAS-OIL RATIO 882

FLOW. TUBING PRESS. \_\_\_\_\_ CASING PRESSURE 57 CALCULATED 24-HOUR RATE \_\_\_\_\_ OIL GRAVITY-API (CORR.) \_\_\_\_\_

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
C-104

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED  TITLE Regulatory Agent DATE 1-21-2000

ACCEPTED FOR RECORD  
JAN 27 2000  
RLM

\*(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.

CC: SHEAR, PONCA, COST ASST, FIELD, WELL FILE, WTOR

District I  
PO Box 1980, Hobbs, NM 88241-198

District II  
PO Drawer DD, Artesia, NM 88211-071

District III  
1000 Rio Brazos Rd. Aztec, NM 8741

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102

Revised February 21, 1994

instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33854		2 Pool Code 4480		3 Pool Name Baish Wolfcamp	
4 Property Code 19491		5 Property Name Elvis			6 Well Number 2
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 4000'

10 Surface Location

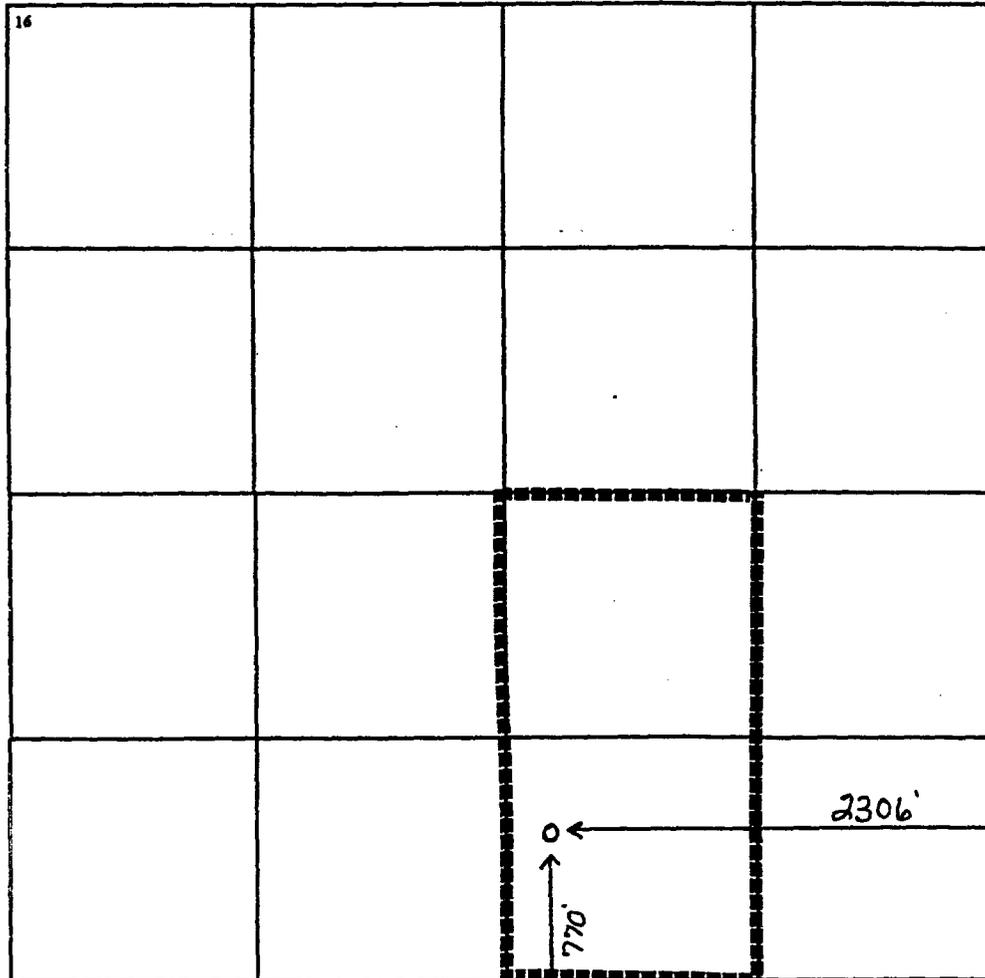
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	17	17S	32E		770	South	2306	East	Lea

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 80	13 Joint or Infill	14 Consolidation Code	15 Order No.
--------------------------	--------------------	-----------------------	--------------

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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Reesa Wilkes*

Signature  
Reesa R. Wilkes

Printed Name  
Sr. Staff Regulatory Assistant

Title  
11/29/99

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 best of my belief.

Date of Survey  
Signature and Seal of Professional Surveyor:

Certificate Number

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 deem 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-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

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 hereina-  
above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*Jack M. Campbell*  
JACK M. CAMPBELL, Chairman

*E. S. Walker*  
E. S. WALKER, Member

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

S E A L

esr/





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

3/21/01

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC	_____
DHC	_____
NSL	_____ X _____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

<del>Elvis</del>	<del># 4-F, 17-179-32e</del>	<del>30-025-33849</del>
Conoco Inc	Elvis # 2-8, 17-179-32e	30-025-33854
Operator	Lease & Well No. Unit	S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Chris Williams  
Supervisor, District 1

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

04/23/01 16:16:31  
OGOMES -TPOW  
PAGE NO: 1

Sec : 20 Twp : 17S Rng : 32E Section Type : NORMAL

D 40.00  Federal owned U A	C 40.00  Federal owned U A A	B 40.00  Federal owned U A A	A 40.00  Federal owned U A A A
E 40.00  Federal owned U A A	F 40.00  Federal owned U A A A A	G 40.00  Federal owned U A	H 40.00  Federal owned U A A

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

04/23/01 16:16:36  
OGOMES -TPOW  
PAGE NO: 2

Sec : 20 Twp : 17S Rng : 32E Section Type : NORMAL

L 40.00  Federal owned U A A A A A	K 40.00  Federal owned U A A C A	J 40.00  Federal owned U A A	I 40.00  Federal owned U A A A
M 40.00  Federal owned U A	N 40.00  Federal owned U A	O 40.00  Federal owned U A	P 40.00  Federal owned U A A A

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            PF12

CMD : ONGARD 04/23/01 16:18:54  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPOW

API Well No : 30 25 33949 Eff Date : 05-22-1997 WC Status : A  
Pool Idn : 4471 BAISH;CISCO  
OGRID Idn : 5073 CONOCO INC  
Prop Idn : 19491 ELVIS

Well No : 004  
GL Elevation: 3984

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: F	20	17S	32E	FTG 1660 F N	FTG 1866 F W	A

Lot Identifier:  
Dedicated Acre: 40.00  
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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Conoco Inc

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX 79705-4500 (915) 686-5580

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

1660' FNL & 1866' FWL, Sec. 20, T17S, R32E, F

5. Lease Designation and Serial No.

LC 029405A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Elvis #4

9. API Well No.

30-025-33949

10. Field and Pool, or Exploratory Area

Baish Cisco

11. County or Parish, State

Lea, NM

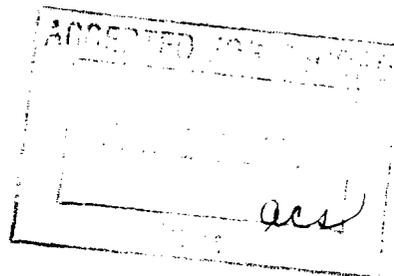
**12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change Rod Size</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

Note: 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.)\***

- 12/28/99 Drove crew & unit to location. Held Safety Meeting. Rigged up unit, bled well down, unseated pump, laid down 124 x 1" - 285 x 7/8" rods, 9 - 1 1/4" K-Bars on trailer. Shut down.
- 12/29/99 Drove crew to location. Held Safety Meeting. Started picking up rods & pump, picked up pump, 6 K-Bars x 1 1/4" - 286 x 3/4" rods and 45 x 7/8". Shut well in. Shut down.
- 12/30/99 Drove crew to location. Held Safety Meeting. Picked up rest of rods, spaced well out, hung well on, loaded tubing w/50 bbls. Well pumped O.K. Rigged down and moved off.



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

Signed

*Reesa Wilkes*

Title

Reesa R. Wilkes

Sr. Staff Regulatory Assistant

Date

01/14/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval if any:

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.

\*See Instruction on Reverse Side

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

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

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address <b>Conoco Inc. 10 Desta Dr. Ste 100W Midland, Tx. 79705-4500</b>		2 OGRID Number <b>005073</b>
		3 Reason for Filing Code <b>CH 5/98 CO</b>
4 API Number <b>30 - 0 25 33949</b>	5 Pool Name <b>Baish Cisco</b>	6. Pool Code <b>04471</b>
7. Property Code <b>19491</b>	8 Property Name <b>Elvis</b>	9 Well Number <b>4</b>

II. 10. Surface Location

UL or Lot No	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
<b>F</b>	<b>20</b>	<b>17S</b>	<b>32E</b>		<b>1660</b>	<b>North</b>	<b>1866</b>	<b>West</b>	<b>Lea</b>

11. Bottom Hole Location

UL or Lot No.	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County

12 Lse Code <b>F</b>	13. Producing Method Code <b>P</b>	14. Gas Connection Date <b>5/98</b>	15. C-129 Permit Number	16. C-129 Effective Date	17. C-129 Expiration Date
-------------------------	---------------------------------------	--	-------------------------	--------------------------	---------------------------

III. Oil and Gas Transporters

18 Transporter OGRID	19. Transporter Name and Address	20 POD	21. O/G	22. POD ULSTR Location and Description
<b>037480</b>	<b>EOTT Energy Pipeline P.O. Box 1188, Houston, TX 77251</b>	<b>2818371</b>	<b>O</b>	<b>Sec 20, T17S, R32E</b>
<b>005097</b>	<b>Conoco Production 10 Desta Dr., Suite 100W Midland, TX 79705</b>	<b>2819787</b>	<b>G</b>	<b>Sec 20, T17S, R32E</b>

IV. Produced Water

23. POD <b>2815827</b>	24. POD ULSTR Location and Description <b>Sec 20, T17S, R32E</b>
---------------------------	---

V. Well Completion Data

25 Spud Date	26 Ready Date	27. TD	28 PBTD	29 Perforations
30 Hole Size	31. Casing & Tubing Size	32 Depth Set	33. Sacks Cement	

VI. Well Test Data

34 Date New Oil	35 Gas Delivery Date	36. Test Date	37. Test Length	38 Tbg. Pressure	39. Csg. Pressure
40. Choke Size	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 knowledge and belief Signature: <i>Ann E. Ritchie</i>		OIL CONSERVATION DIVISION Approved by: <i>Harry W. Wink</i>	
Printed name: <b>Ann E. Ritchie</b>		Title: <b>REGULATORY AGENT</b>	
Title: <b>Regulatory Agent 915 684-6381</b>		Approval Date: <b>11-23-98</b>	
Date: <b>11-23-98</b>	Phone: <b>(915) 686-5424</b>		

17 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
-----------------------------	--------------	-------	------

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**N.M. Oil Cons. Division**  
P.O. Box 1980  
HODDS, NM 88241

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.  
LC 029495A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
C.A. NM 90999

8. Name of lease & well  
Elvis  
Well #4

9. API#  
30 025 33949

10. Field and Pool, or Exploratory Area  
Maljamar Cisco

11. County or Parish, State  
Lea, NM

**SUNDRY NOTICES AND REPORTS ON WELLS**

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**

1. Type of Well  
 Oil Well     Gas Well     INJECTION Other

2. Name of Operator  
CONOCO, INC.

3. Address and telephone no.  
10 Desta Dr., Suite 100W, Midland, Texas 79705-4500, 915 686-5424    915 684-8381

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 Surface: 1660' FNL & 1866' FWL  
 TD: Sec 20, T17S, R32E

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

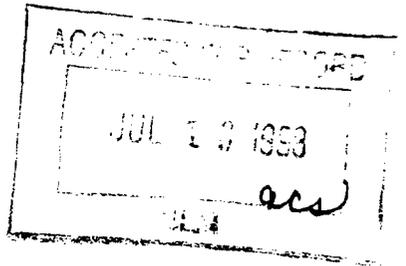
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Amend Field/Pool name
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: 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.)

After review of the drilling and completion records pertaining to the Elvis, Well #4 we find that the producing interval in this well, 10,392'-10,890' should have been reported as the Maljamar Cisco, the perforation record is as follows:

7-25-97: Perforated Strawn @ 11,498'-11,692'.  
 8-4-97: Ran CIBP to 11,430', dumped 35' of CI H cement on top of CIBP.  
 8-6-97: Perforated w/4 JSPF from 10,392'-10,458'.  
 10-10-97: Perforated w/4 JSPF from 10,710'-10,890', re-perf from 10,710'-718' and 10,802'-10,790'.  
 10-28-97: Perforations re-shot in same zone: w/4 JSPF from 10,480'-10,890'.  
 11-21-97: Paraffin problems - pumped 15,000 gals of 15% NEFE HCL.  
 12-17-97: Set RBP @ 10,340', rigged up hot oiler, hot oil tubi w/ 120 bbls oil & BJ paraffin solvent.  
 12-22-97: Ran 2 7/8" tubing, SN @ 10,498'.  
 1-9-98: Rods & tubing pulled from well, ran back in hole w/pump & rods, spaced out pump, loaded tubing & tested pump. Well put on production.



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

Signed *Ann E. Ritchie* Title Ann E. Ritchie REGULATORY AGENT Date 7-2-98

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 wilfully 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.

**\*See Instruction on Reverse Side**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Lease Designation and Serial No.  
LC 029485A

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well  
 Oil Well     Gas Well     INJECTION Other

2. Name of Operator  
 CONOCO, INC.

3. Address and Telephone No.  
 10 Desta Dr., Suite 100W, Midland, Texas 79705-4500, 915 686-5424    915 684-6381

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 Surface: 1660' FNL & 1866' FWL  
 TD: Sec 20, T17S, R32E

8. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Name of lease & well  
 Elvis Well #4

9. API#  
 30 025 33949

10. Field and Pool, or Exploratory Area  
 Maljamar Cisco

11. County or Parish, State  
 Lea, NM

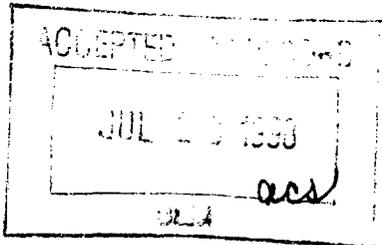
12 CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Amend Pool
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: 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.)

Completion attempt in Maljamar Strawn pool was unsuccessful on this well, perforations @ 11,498-11,692' were abandoned as non-productive with a CIBP @ 11,430' w/35' CI H cement on top.  
 Well perforated in the Cisco pool from 10,392'-10,890', request amendment of permit to Maljamar Cisco pool.



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

Signed *Ann E. Ritchie* Title Ann E. Ritchie REGULATORY AGENT Date 7-2-98

(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.

\*See Instruction on Reverse Side

District I  
 PO Box 1908, Hobbs, NM 88241-1908  
 District II  
 PO Drawer DD, Artesia, NM 88211-8719  
 District III  
 1088 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-102  
 Revised February 10, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30 025 33949		* Pool Code 447 43270		* Pool Name British Atajamar Cisco	
* Property Code 19491	* Property Name Elvis			* Well Number 4	
* OGRID No. 005073	* Operator Name Conoco, Inc.			* Elevation 3984'	

10 Surface Location

UT. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	17S	32E		1660	North	1866	West	Lea

11 Bottom Hole Location If Different From Surface

UT. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

* Deduct Acres 40	* Joint or Infill	* Consolidation Code	* Order No.
----------------------	-------------------	----------------------	-------------

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.   Signature Ann E. Ritchie Printed Name Regulatory Agent Title 7-2-98 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 best of my belief.  Date of Survey Signature and Seal of Professional Surveyer:		
	Certificate Number		

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

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

I. **REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

1. Operator name and Address <b>Conoco Inc.</b> <b>10 Desta Dr. Ste 100W</b> <b>Midland, Tx. 79705-4500</b>		2. OGRID Number <b>005073</b>	
3. Reason for Filing Code <b>NW 8-7-97</b>		4. API Number <b>30 - 0 25 33949</b>	
5. Pool Name <b>Beish</b> <b>— Matjamar Cisco</b>		6. Pool Code <b>447L</b> <b>43270</b>	
7. Property Code <b>19491</b>		8. Property Name <b>Elvis</b>	
		9. Well Number <b>4</b>	

II. **10. Surface Location**

UL or Lot No.	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
F	20	17S	32E		1660	North	1866	West	Lea

III. **Bottom Hole Location**

UL or Lot No.	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
F	F								

12 Use Code F	13. Producing Method Code F	14. Gas Connection Date 8-7-97	15. C-129 Permit Number	16. C-129 Effective Date	17. C-129 Expiration Date
------------------	--------------------------------	-----------------------------------	-------------------------	--------------------------	---------------------------

III. **Oil and Gas Transporters**

18 Transporter OGRID	19. Transporter Name and Address	20 POD	21. O/G	22. POD ULSTR Location and Description
005097	Conoco Production 10 Desta Dr., Suite 100W Midland, TX 79705	2819787	G	Sec 20, T17S, R32E
138648	Amoco Pipeline ICT 502 NW Ave., Levelland, TX 79336	2819786	O	Sec 20, T17S, R32E

IV. **Produced Water**

23. POD 2815827	24. POD ULSTR Location and Description Sec 20, T17S, R32E
--------------------	--

V. **Well Completion Data**

25 Spud Date 5-22-97	26 Ready Date 8-7-97	27. TD 12,100'	28 PBTB 11,396'	29 Perforations 10,392'-10,890'
30. Hole Size	31. Casing & Tubing Size	32 Depth Set	33. Sacks Cement	
14 3/4"	11 3/4"	670'	370 sx	
12 1/4"	8 5/8"	4600'	1910 sx	
7 7/8"	5 1/2"	12,100'	1280 sx	
	2 7/8"	10,498'		

VI. **Well Test Data**

34. Date New Oil 8-7-97	35. Gas Delivery Date 8-7-97	36. Test Date 8-27-97	37. Test Length 24	38. Tbg. Pressure 100#	39. Csg. Pressure packer
40. Choke Size 32/64"	41. Oil 244	42. Water 0	43. Gas 261	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 knowledge and belief Signature: <i>Ann E. Ritchie</i>		OIL CONSERVATION DIVISION Approved by: <i>Chris Williams</i>			
Printed name: <b>Ann E. Ritchie</b>		Title: <b>DISTRICT 1 SUPERVISOR</b>			
Title: <b>Regulatory Agent 915 684-6381</b>		Approval Date: <b>AUG 28 1998</b>			
Date: <b>7-2-98</b>	Phone: <b>(915) 686-5424</b>				
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		

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

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

Form approved.  
Budget Bureau No. 1004-0137

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.  
LG-629495A-

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>				7. UNIT AGREEMENT NAME	
1b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>				8. FARM OR LEASE NAME Elvis Well #4	
2. NAME OF OPERATOR CONOCO, INC.				9. API Number 30 025 33949	
3. ADDRESS OF OPERATOR 10 Desta Dr., Suite 100W, Midland, Texas 79705-4500 (915) 684-6381				10. FIELD AND POOL, OR WILDCAT Maljamar Cisco	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1660 FNL & 1866 FWL, Unit Ltr. F (915) 686-5424				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA G 15 S 20 T17S R32E	
At top prod. interval reported below				12. COUNTY OR PARISH Lee	
At total depth				13. STATE NM	
14. PERMIT NO.		DATE ISSUED 4-22-97		19. ELEV. CASINGHEAD	
15. Date Spudded 5-22-97	16. Date T.D. Reached 7-18-97	17. DATE COMPL. (Ready to prod.) 8-7-97	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3984' GR		
20. TOTAL DEPTH, MD & TVD 12,100'	21. PLUG, BACK T.D., MD & TVD 11,396'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)* Cisco @ 10,392-10,458 (initial) Perforations added October 1997 - 10,710-10,890'				25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL				27. WAS WELL CORED no	

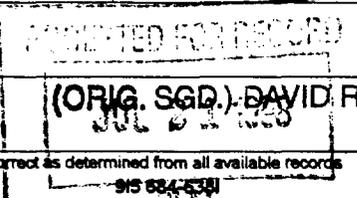
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	Amount Pulled
11 3/4"	42#	870'	14 3/4"	370 ex	NONE
8 5/8"	32#	4600'	12 1/4"	1910 ex	NONE
5 1/2"	17#	12,100'	7 7/8"	1280 ex	NONE

29. LINER RECORD				30. TUBING RECORD		
Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 7/8"	10,336'
						PACKER SET (MD) 10,336'

31. PERFORATION RECORD (Interval, size and number)  Cisco @ 10,392'-10,890'	32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.	
	DEPTH INTERVAL (MD)	AMT. AND KIND OF MATERIAL USED
	10,392-10,458'	40 bbls 2% KCL, 11 bbls 15% NEFE HCL
	10,710-10,890'	15,000 gals 15% NEFE HCL

33* PRODUCTION							
DATE FIRST PRODUCTION 8-7-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) flowing				WELL STATUS (Producing or PRODUCING)	
DATE OF TEST 8-27-97	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL 244	GAS - MCF 261	WATER - BBL 0	GAS-OIL RATIO 1070
FLOW TUBING PRESS. 100#	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sales	TEST WITNESSED BY
35. LIST OF ATTACHMENTS filed to correct field name listed on initial filing of 9-8-97	(ORIG. SGD.) DAVID R. GLASS
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	DATE 7-17-98
SIGNED 	Ann E. Ritchie, Regulatory Agent



\*(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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well  
 Oil Well     Gas Well     INJECTION Other

2. Name of Operator  
 CONOCO, INC.

3. Address and Telephone No.  
 10 Desta Dr., Suite 100W, Midland, Texas 79705-4500, 915 686-5424    915 684-6381

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 Surface: 1660' FNL & 1866' FWL, Unit Letter F  
 TD: Sec 20, T17S, R32E

5. Lease Designation and Serial No.  
 LC 029405A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. V  
 Elvis, Well #4

9. API#  
 30 025 33949

10. Field and Pool, or Exploratory Area  
 Maljamar Strawn

11. County or Parish, State  
 Lea, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

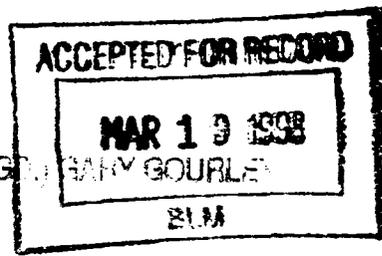
TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Put on pump, ran tbg
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: 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.)\*

- 12-17-97: RIH w/5 1/2" RBP, set @ 10,340', hot oiled tubing, released plug, SION.
- 12-18-97: POOH w/tubing & RBP, RIH w/2 7/8" tubing, sub & bull plug, bottom of tbg @ 10,890' & pkr @ 10,350' rig up BJ & pump chemical squeeze, rig down BJ.
- 12-19-97: RIH w/fishing tool, fished fluid control valve, RIH w/overshot, RIH fished & lay down wireline.
- 12-22-97: POOH w/workstring & pkr, RIH w/production equip, 2 7/8" @ 10,479', bottom of SOPMA @ 10,541' RIH w/new rods, SION.
- 12-24-97: Load & tested to 500 psi, well put on production.



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

Signed

Title

Ann E. Ritchie  
REGULATORY AGENT

Date 3-10-98

(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.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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*

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator  
CONOCO INC  
CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage. Sec., T. R. M. or Survey Description)

1660' FNL & 1866' FWL, Sec. 20, T 17S, R 32E, Unit Ltr 'F'

5. Lease Designation and Serial No.

LC 029405A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Elvis, Well # 4

9. API Well No.

30-025-33949

10. Field and Pool, or Exploratory Area

Maljamar Abo

11. County or Parish, State

Lea, NM

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Repon  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other OO & GO #7 IIIA  
 Change of Plans  
 New Construction  
 Non-Routine Fracuring  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(Note: Repon results of multiple completion w/dl 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.)\*

Water Producing Formation: Cisco  
Amount of Water Produced: 0 bpd  
Current Water Analysis Attached: No  
How is Water Stored on Lease: 1000 bbl Tank (above ground)  
How is Water Moved: By Transfer Pump  
Disposal Facility Operator Name: Conoco Inc  
Disposal Facility Well Name / No.: MCA Injection Wells,  
NMOCD SWD Permit #: R -841

Your approval of this method of disposal is respectfully requested.

RECEIVED  
1998 MAY -6 P 1:57  
BUREAU OF LAND MGMT  
HOBBS, NEW MEXICO

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

Signed *Bill R. Keathly*

Title **Bill R. Keathly**  
Sr. Regulatory Specialist

Date 4-30-98

(This space for Federal or State office use)

Approved by **ORIG. SGD) GARY GOURLEY**  
Conditions of approval if any:

Title **PETROLEUM ENGINEER**

Date **MAY 15 1998**

BLM(6), BRK, PONCA, SAB, FILE ROOM

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PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
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 1000 Rio Brazos Rd. Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe NM 87504-2088

Energy, Minerals & Natural Resources Department

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

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

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

1. Operator name and Address Conoco Inc. 10 Desta Dr. Ste 100W Midland, Tx. 79705-4500		2 OGRID Number 005073
		3 Reason for Filling Code CO (effective 5-1-98)
4 API Number 30-0 30-025-33949	5 Pool Name Maljamar Strawn	6. Pool Code 44520
7. Property Code 19491	8 Property Name Elvis	9 Well Number 4

**II. Surface Location**

UL or lot. no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
F	20	17S	32E		1660	North	1866	West	Lea

**11 Bottom Hole Location**

UL or Lot	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	county
F									

12 Lse Code F	13. Producing Method Code P	14. Gas Connection Date	15. C-129 Permit Number	16. C-129 Effective Date	17. C-12b Expiration Date
------------------	--------------------------------	-------------------------	-------------------------	--------------------------	---------------------------

**III. Oil and Gas Transporters**

18 Transporter OGRID	19. Transporter Name and Address	20 POD	21. O/G	22. POD ULSTR Location and Description
037480	EOTT Energy PL P.O. Box 1188 Houston, Tx. 77251-1188	2819786	O	F 20 17S 32E
005097	Conoco Inc. 10 Desta Dr. Ste 100W Midland, Tx. 79705-4500	2819787	G	F 20 17S 32E

**IV. Produced Water**

23 POD 2815827	24. POD ULSTR Location and Description F 20 17S 32E
-------------------	--

**V. Well Completion Data**

25 Spud Date	26 Ready Date	27. TD	28 PBTB	29 Perforations	DHC,DC,MC

30. Hole Size	31. Casing & Tubing Size	32 Depth Set	33. Sacks Cement

**VI. Well Test Data**

34 Date New Oil	35. Gas Delivery Date	36. Test Date	37. Test Length	38. Tbg. Pressure	39. Csg. Pressure

40. Choke Size	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 knowledge and belief

Signature: *Bill R. Keathly*

Printed name: **Bill R. Keathly**

Title: **Sr. Regulatory Specialist**

Date: **3-19-98**

Phone: **(915) 686-5424**

**OIL CONSERVATION DIVISION**

Approved by: *Chris Williams*

Title: **DISTRICT 1 SUPERVISOR**

Approval Date:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M Oil Cons  
P 1980  
Hobbs, NM 88241

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

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  INJECTION Other

2. Name of Operator

CONOCO, INC.

3. Address and Telephone No.

10 Desta Dr., Suite 100W, Midland, Texas 79705-4500, 915 686-5424 915 684-6381

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface: 1660 FNL & 1866' FWL  
TD: Sec 20, T17S, R32E

5. Lease Designation and Serial No.

LC 029495A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. V

Elvis  
Well #4

9. I

30 025 33949

10. Field and Pool, or Exploratory Area  
Maljamar Strawn

11. County or Parish, State

Lea, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

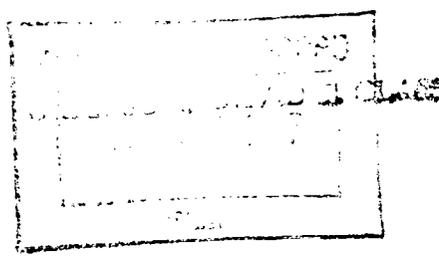
TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other: add perms
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: 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.)\*

10-10-97: Rigged up wireline and RIH & perforated w/4 JSPF @ 10,710-10,718, 10,736-10,763, 10,774-10,779, 10,786-10,790, 10,794-10,798, 10,802-10,814, 10,828-10,835, 10,842-10,844, 10,850-10,855 & 10,870-10,890'. RIH & shot 10,710-10,718' and 10,802-10,814 & 10,828-10,835' and 10,786-10,790'. RIH & shot @ 10,870-10,890'. Rigged down wireline. Shut down.



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

Signed

Title

Ann E. Ritchie  
REGULATORY AGENT

Date 10-21-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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\*See Instruction on Reverse Side

District I  
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 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos Rd. Azic, 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

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

1. Operator name and Address <b>Conoco Inc. 10 Desta Dr. Ste 100W Midland, Tx. 79705-4500</b>		2. OGRID Number <b>005073</b>
		3. Reason for Filing Code <b>NW 8-7-97</b>
4. API Number <b>30 - 0 25 33949</b>	5. Pool Name <b>Maljamar Strawn</b>	6. Pool Code <b>44520</b>
7. Property Code <b>19491</b>	8. Property Name <b>Elvis</b>	9. Well Number <b>4</b>

**II. 10. Surface Location**

UL or Lot No.	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
F	20	17S	32E		1660	North	1866	West	Lea

**11. Bottom Hole Location**

UL or Lot No.	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
F									
12. Lse Code F	13. Producing Method Code F	14. Gas Connection Date 8-7-97		15. C-129 Permit Number		16. C-129 Effective Date		17. C-129 Expiration Date	

**III. Oil and Gas Transporters**

18. Transporter OGRID	19. Transporter Name and Address	20. POD	21. O/G	22. POD ULSTR Location and Description
005097	Conoco Production 10 Desta Dr., Suite 100W Midland, Texas 79705	2819787	G	Sec 20, T17S, R32E
138648	Amoco Pipeline-ICT 502 NW Ave. Levelland, TX 79336-3914	2819786	O	Sec 20, T17S, R32E
005108	Sentinel Transportation Co. 1214 N. Eastside Dr., Bldg A Wichita Falls, TX 76304	2819786	O	Sec 20, T17S, R32E

**IV. Produced Water**

23. POD	24. POD ULSTR Location and Description
---------	--

**V. Well Completion Data**

25. Spud Date 5-22-97	26. Ready Date 8-7-97	27. TD 12,100'	28. PHTD 11,396'	29. Perforations 10,392-10,458'
30. Hole Size	31. Casing & Tubing Size	32. Depth Set	33. Sacks Cement	
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12 1/4"	8 5/8"	4600'	1910 sx	
7 7/8"	5 1/2"	12,100'	1280 sx	
	2 7/8"	10,336'		

**VI. Well Test Data**

34. Date New Oil 8-7-97	35. Gas Delivery Date 8-7-97	36. Test Date 8-27-97	37. Test Length 24	38. Tbg. Pressure 100#	39. Csg. Pressure -
40. Choke Size 32/64"	41. Oil 244	42. Water 0	43. Gas 261	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 knowledge and belief. Signature: <i>Ann E. Ritchie</i> Printed name: <b>Ann E. Ritchie</b> Title: <b>Regulatory Agent 915 684-6381</b> Date: <b>9-8-97</b>	OIL CONSERVATION DIVISION Approved by: <i>Chris Williams</i> Title: <b>DISTRICT 1 SUPERVISOR</b> Approval Date: <b>SEP 26 1997</b>
	Phone: <b>(915) 686-5424</b>
	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

**N. M. OIL CONS. COMMISSION**  
**UNITED STATES DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**  
P. O. BOX 1989  
HOTELS NEW MEXICO 88240

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER

1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  OTHER

2. NAME OF OPERATOR  
**CONOCO, INC.**

3. ADDRESS OF OPERATOR (915) 684-6381  
**10 Desta Dr., Suite 100W, Midland, Texas 79705-4500 (915) 686-5424**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **1660 FNL & 1866' FWL, Unit Ltr F**  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
**LC 029495A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Elvis Well #4**

9. **30 025 33949**

10. FIELD AND POOL, OR WILDCAT  
**Maljamar Strawn**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec 20, T17S, R32E**

12. COUNTY OR PARISH  
**Lea**

13. STATE  
**NM**

14. PERMIT NO. DATE ISSUED  
**4-22-77**

15. Date Spudded **5-22-97** 16. Date T.D. Reached **7-18-97** 17. DATE COMPL (Ready to prod.) **8-7-97** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **3984' GR** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **12,100'** 21. PLUG, BACK T.D., MD & TVD **11396'** 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS **X** 25. CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)\*  
**Strawn @ 10,392-19,458'**  
*10,458*

25. WAS DIRECTIONAL SURVEY MADE  
**NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**GR/CCL**

27. WAS WELL CORED  
**no**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	Amount Pulled
11 3/4"	42#	670'	14 3/4"	370 sx	NONE
8 5/8"	32#	4600'	12 1/4"	1910 sx	NONE
5 1/2"	17#	12,100'	7 7/8"	1280 sx	

29. LINER RECORD

Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	10,336'	10,336'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)  
**Strawn @ 10,392-10,458' w/4 JSPF**

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

DEPTH INTERVAL (MD)	AMT. AND KIND OF MATERIAL USED
10,392-10,458'	40 bbis 2% KCL 11 bbis 15% NEFE HCL
<b>CIBP @ 11,430' w/35' CI H cement on top</b>	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or PRODUCING)					
8-7-97	flowing	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
8-27-97	24	32/64"	244	261	0	1070	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)	
100#							

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**Sales**

35. LIST OF ATTACHMENTS  
**Logs & deviation**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Ann E. Ritchie* TITLE **Ann E. Ritchie, Regulatory Agent** DATE **9-8-97**

TEST WITNESSED BY  
**(ORIG. SGD) DAVID R. GLASS**  
**SEP 18 1997**

RECEIVED  
1997 SEP 10 A 10:04  
WELL OFFICE

\*(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.

9-8-97  
 Conoco, Inc.  
 Elvis, Well #4  
 Sec 20, T17S, R32E  
 Lea County, NM

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut in pressures, and recoveries):

FORMATION	TOP		BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
	9050'	12,400'				MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp			9080'	Limestone			
Morrow			12,430'	Sand			
Mississippian			12,690'	Limestone			
Silurian Devonian			13,900'	Dolomite			
					Base of Salt		
					Paddock	2490'	
					Wolfcamp	5620'	
					"	8890'	
					Mississippian	12,300'	
					Woodford	12,550'	
					Devonian	13,600'	
						13,701'	

38. GEOLOGIC MARKERS

Elvis #4

LOCATION  
LEASE & WELL

Lea County, New Mexico  
(Give Unit, Section, Township and Range)

OPERATOR

Conoco 10 Desta Drive, Suite 100W, Midland, Texas 79705

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	105	1/4	4747	0	8616		
2	491	1/4	4964	1	8901		
3 1/2	670	3/4	5153	3/4	9185		
2 3/4	771	1/4	5376	3/4	9468		
2	962	1/4	5659	1	9783		
1	1468	1/2	5912	1/4	10066		
1/2	1961	1/2	6194	1/4	10347		
1/4	2255	1	6415	3/4	10660		
1	2537	1 1/4	6698	1 3/4	10973		
1/4	2822	1	6982	1 1/2	11221		
1/4	3106	1	7265	1 1/2	11490		
1/4	3388	1/2	7517	1	12100		
1/2	3671	1/2	7800				
1/2	3925	3/4	8052				
1/4	4561	3/4	8334				

Drilling Contractor

Nabors Drilling USA, Inc.

By

*Brent Sanders*

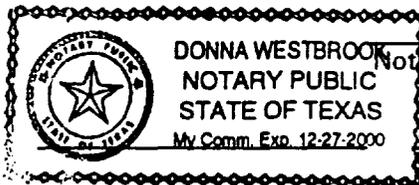
Brent Sanders, Engineering Manager

Subscribed and sworn to before me this

25<sup>th</sup>

day of

July, 1997



*Donna Westbrook*

My Commision Expires

MIDLAND

County

TEXAS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. FORM APPROVED  
P. 8 1980 Budget Bureau No. 1004-0135  
Hobbs, NM 88241 Expires: March 31, 1993  
File Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well

Oil Well  Gas Well  INJECTION Other

2. Name of Operator

CONOCO, INC.

3. Address and Telephone No.

10 Desta Dr., Suite 100W, Midland, TX 79705-4500, 915 686-5424 or 915 684-6381

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface: 1660 FNL & 1866 FWL

Location: Sec 20, T17S, R32E

TD: Same

LC 029405A  
6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. V  
Elvis  
Well #4

9. API Well No.

30 025 33949

10. Field and Pool, or Exploratory Area  
Maljamar Strawn

11. County or Parish, State

Lea County, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent

Subsequent Report

Final Abandonment Notice

TYPE OF ACTION

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other: TD, Prod Casing & Release Rig

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

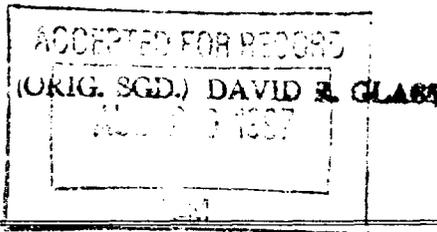
Dispose Water

(Note: 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.)\*

7-18-97: Ran 12,100' of 5 1/2", 17#, L-80 casing, cemented with lead slurry of 766 sx CI H + 1.3% flo-blok, 210 + 0.3% CD-32 + 0.4% R-3 + 0.2% SM + 0.50 PPS cello-flake, tailed with 304 sx CI H, + 1.3% flo-blok 210 + 0.3% CD-32 + 0.35 R-3 + 0.2% SM + 0.50 PPS cello-flake. WOC.

Rig released 7-19-97.



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

Signed

Title

Ann E. Ritchie  
REGULATORY AGENT

Date 8-7-97

(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.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division APPROVED  
P.O. Box 1980 Budget Bureau No. 1004-0135  
Hobbs, NM 88241 Expires: March 31, 1993  
Lease Designation and Serial No.

**SUNDRY NOTICES AND REPORTS ON WELLS**

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**

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> INJECTION Other	6. If Indian, Allottee or Tribe Name
2 Name of Operator CONOCO INC.	7. If Unit or CA, Agreement Designation
3. Address and Telephone No. 10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 686 - 5424 915 684-6381	8. V Evis Well #4
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) Surface: I660 FNL & I866 FWL Location: Sec 20, T17S, R32E TD: Same	9. API Well No. 30 025 33949
	10. Field and Pool, or Exploratory Area Maljamar Strawn
	11. County or Parish, State Lea County, NM

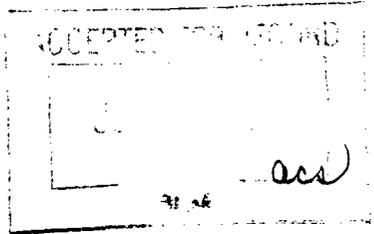
**12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other: Set casing
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: 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.)

6-2-97: Ran 4600', 8 5/8", 32#, K-55, LT & C casing, cemented with lead slurry of 920 sx, CI C + 16% gel, 3% salt, .3% CD-32, .2% SMS, tailed with 990 sx CI C + 1.1% FL-62, 1% BA-58, 1.5% salt, .3% CD-32, .2% SMS. Tested casing to 2250 psi - held ok. WOC.



BUREAU OF LAND MGMT.  
ROBERTSWELL OFFICE  
1991 JUN 10 A 10: 38  
RECEIVED

14 I hereby certify that the foregoing is true and correct

Signed *Ann E. Ritchie* Title Ann E. Ritchie Date 6-7-97  
REGULATORY AGENT

(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.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

LC 029405A

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well

Oil Well  Gas Well  INJECTION Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 686 - 5424 915 684-6381

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface: I660 FNL & I866 FWL  
TD: Sec 20 T17S, R32E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. V  
Elvis  
Well #4

9. API Well No.

30 025 33949

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Lea, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

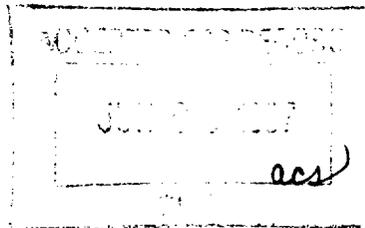
- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other: Spud & set casing
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: 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.)\*

5-22-97: Spudded I4 3/4" hole.

5-23-97: Ran 670' of II 3/4", 42#, WC40, ST & C casing, cemented with lead slurry of 220 sx 35/65 POZ + 6% gel + 2% CaCl2 + 1/4 lbs/sx cello flake, tailed with 150 sx CI C + 2% CaCl2 + 1/4 lbs/sx cello flake. Circulated 60 sx, tested to 1000#-held. WOC.



RECEIVED  
1997 JUN -6 A 9:51  
BUREAU OF LAND MGMT.  
ROSWELL OFFICE

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

Signed

Title

Ann E. Ritchie  
REGULATORY AGENT

Date 6-5-97

(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.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT 3-24-97 *RM*

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Conoco Inc.

a. ADDRESS AND TELEPHONE NO  
 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500 (915) 686-6548

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements \*)  
 At surface 1660' FNL & 1866' FWL  
 At proposed prod. zone 1660' FNL & 1866' FWL *Unit F*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

5. LEASE DESIGNATION AND SERIAL NO  
 LC 029405A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME WELL NO  
 Elvis

9. API WELL NO  
 4

10. FIELD AND POOL, OR WILDCAT  
*Mallam*  
 Wildcat Strawn

11. SEC. T., R., M. OR BLK. AND SURVEY OR AREA  
 Sec. 20, T-17S, R-32E

12. COUNTY OR PARISH  
 Lea

13. STATE  
 NM

5. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if Any)

16. NO OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

8. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
 12,550'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc )  
 3984' GR

22. APPROX. DATE WORK WILL START\*  
 5/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14-3/4"	11-3/4"	42#	675'	565 sxs, circ.
11"	K-55 8-5/8"	32#	4600'	1600 sxs, circ
7-7/8"	L-80 5-1/2"	17#	12,550'	2160 sxs, toc @ 3600'

It is proposed to drill a vertical wellbore as an Exploratory Strawn producer according to the plan submitted in the follow attachments:

- Well Location and Acreage Dedication Plat (C-102)
  - Proposed Well Plan Outline
  - Surface Use Plan
  - EXHIBIT A: 7.5" Quadrangle Topo Map.
  - EXHIBIT B: Standard rig layout
  - BOP & Choke Manifold Specifications
  - H2S Drilling Operations Plan.
- OPER. CORRID NO. 5073  
 PROPERTY NO. 19491  
 POOL CODE 44520  
 EFF. DATE 4/28/97  
 API NO. 30-025-33949

RECEIVED  
 MAR 24 97  
 BLM  
 ROSWELL, NM

This is a twin well on the pad of Elvis #1 and will require no new road, pipeline, or electric line ROW's or archaeological surveys.

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 BLM Bond File No. ES-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. SIGNED Jerry W. Hoover TITLE Sr. Conservation Coordinator

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS DATE 3/21/97

(This space for Federal or State office use)

PERMIT NO \_\_\_\_\_ APPROVAL DATE ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE BLM, MINERALS DATE 4-22-97

\*See Instructions On Reverse Side

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

**OIL CONSERVATION DIVISION**

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-33949</b>	Pool Code <b>NA44520</b>	Pool Name <b>Maljamar Wildcat Strawn</b>
Property Code <b>NA19491</b>	Property Name <b>Elvis</b>	Well Number <b>4</b>
OGRID No. <b>005073</b>	Operator Name <b>Conoco Inc.</b>	Elevation <b>3984'</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	17 S	32 E		1660	North	1866	West	Lea

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code	Order No.
------------------------------	-----------------	--------------------	-----------

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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained hereth is true and complete to the best of my knowledge and belief.</p> <p><i>Jerry W. Hoover</i> Signature</p> <p><b>Jerry W. Hoover</b> Printed Name</p> <p><b>Sr. Conservation Coord</b> Title</p> <p><b>3/21/97</b> Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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 best of my belief.</p> <p><b>March 18, 1996</b> Date Surveyed</p> <p><i>[Signature]</i> Signature &amp; Seal Professional Surveyor</p> <p><b>NEW MEXICO</b> REGISTRY OF PROFESSIONAL LAND SURVEYORS W.O. No. 71730</p> <p>Certificate No. Gary Jones 7977 BASIN SURVEYS</p>

# PROPOSED WELL PLAN OUTLINE

WELL NAME **ELVIS #4**  
 LOCATION **SECT. 20 T-17S R-32E LEA CO.**

TVD IN 1000'	MD	FORMATION TOPS & TYPE W/ 18' KB	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING		FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD		DAYS
						SIZE	DEPTH			WT	TYPE	
0			RED BEDS LOST CIRCULATION		14-3/4"	PRESET 40' CONDUCTOR			BELOW NORMAL	8.4 - 8.7	SPUD	
		RUSTLER @ 625'										
1			SALT SECTION	MUD LOGGERS AND EQUIPMENT ON BY @ 1000' BY 1000'		11-3/4" @ 675' 42# WC40 STC CIRC. CEMENT						3
2		YATES @ 2044'	INSTALL ROT. HEAD BOWL PRIOR TO DRILLING QUEEN		11"				9.0 PPG	9.0-10.0	BRINE	
3		QUEEN @ 3071'	POSSIBLE H2S	H2S EQUIPMENT ON PRIOR TO QUEEN FORMATION								
4		SAN ANDRES @ 3751'	POSSIBLE OVERPRESSURED WITH CO2 &/OR WATER FLOOD									
5				GR-CAL-CN-ZDL-DLL-MLL GR-CAL-BHC		8-5/8" @ 4600' 32# K-55 LTC 50' PAST B/ 9TH MASS CIRC. CEMENT 30% OVER CALIPER				8.5-8.8	FW	17
6		PADDOCK @ 5231'	SEEPAGE LOSSES									
7		TUBB @ 6541'			7-7/8"				8.5- 9.0 PPG			
8		ABO @ 7756'									ONLY USE MIX 2 & MAGMA FIBER TO CONTROL LOSSES BELOW ABO	
9		WOLFCAMP @ 9007'	INSTALL MUD/GAS SEP., ROT. HEAD & PVT EQUIP PRIOR TO DRILLING WOLFCAMP							8.5-9.0	FW GEL/ POLY PLUS THERMPAC WL < 20cc	
		WOLFCAMP/MZ @ 9464'	POSSIBLE H2S GAS CUT MUD									
10		CISCO @ 10284'	SEEPAGE LOSSES									
		CANYON @ 10860'										
11		STRAWN @ 11385'										
		ATOKA @ 11803'	POSSIBLE H2S /GAS CUT MUD							8.8-9.2	WL < 10cc	
12		MORROW @ 12044'	REACTIVE SHALES									
		TD @ 12550'		GR-CAL-DLL-ZDL-CNL-MLL GR-CAL-BHC-AC-SL CBIL		5-1/2" @ 12550' 17# L-80 LTC TOC @ 3600'			BHP = 5500psi			
13												
14												
15												
16												
17												

DATE March 20, 1997

APPROVED ROGER WILLIAMSON  
ENGINEER

03/20/97  
04:38:32 PM

Well Name : Elvis #4

Location : Sect. 20 T-17-S R-32E Lea Co.

**Casing Program**

Surface : 11 3/4" casing in 14 3/4" Hole at 675 ft.  
Intermediate : 8 5/8" casing in 11" Hole at 4600 ft.  
Production : 5-1/2" casing in 7 7/8" Hole at 12,550 ft.

**Cementing Program :**

**Surface**

Lead 415 sacks Class C Mixed at 12.7 ppg  
Additives 35:65:6 (Poz:Cem:Gel) + 2% CACL2 +  
0.25 pps Cello Flake

Tail 150 sacks Class C Mixed at 14.8 ppg  
Additives 2% CACL2

**Intermediate**

Lead 1450 sacks Class C Mixed at 12 ppg  
Additives 16% Gel + 3% Salt + 0.3% CD-32 + 0.2% SMS

Tail 150 sacks Class C Mixed at 14.8 ppg  
Additives 2% CACL2

**Production**

**(1st Stage)**

DV Tool 7000'  
Tail 1230 sacks Class H Mixed at 15.8 ppg  
Additives 1.3% FloBlok 210 + 0.3% CD-32 + 0.5% R-3 + 0.2 SMS  
Free Water 0 % Fluid Loss 40 cc/30 min.

**(2rd Stage)**

Lead 240 sacks Class C Mixed at 12 ppg  
Additives 16% Gel + 2% Salt + 0.3% CD-32 + 0.3% SMS  
+ 0.4% R-3

Tail 690 sacks Class C Mixed at 14.8 ppg  
Additives 1.1% FL-62 + 2% BA-90 + 3% Salt + 0.3% CD-32  
+ 0.2% SMS + 0.2% R-3

**SURFACE USE PLAN  
Conoco Inc.**

**Elvis No.4**

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 1660' FNL & 1866' FWL, Sec. 20, T-17S, R-32E, Lea County, New Mexico.
- B. Directions to the location are as follows:  
From Hobbs go west on Hwy. 80 to junction with Hwy 529. Proceed west on Hwy 529 to junction with Hwy 126. Turn north on Hwy 126 for 1.9 miles. Turn left for 1 1/2 miles and then turn right for 3/10 miles 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 "A".

4. Additional Right-of-Ways

No additional right-of-ways will be required.

5. Water Supply

Water will be secured from the MCA Battery #2 and trucked to location.

6. Source of Construction Materials

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

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 "B" (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 "B". 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

This is a twin well, being drilled on the existing pad of the Elvis #1 and will require no new road, pipeline, or electric line ROW's or archaeological surveys.

13. Operator's Representative and Certification

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

**Jerry W. Hoover**  
**10 Desta Drive West**  
**Midland, Texas 79705**  
**(915) 886-6548**

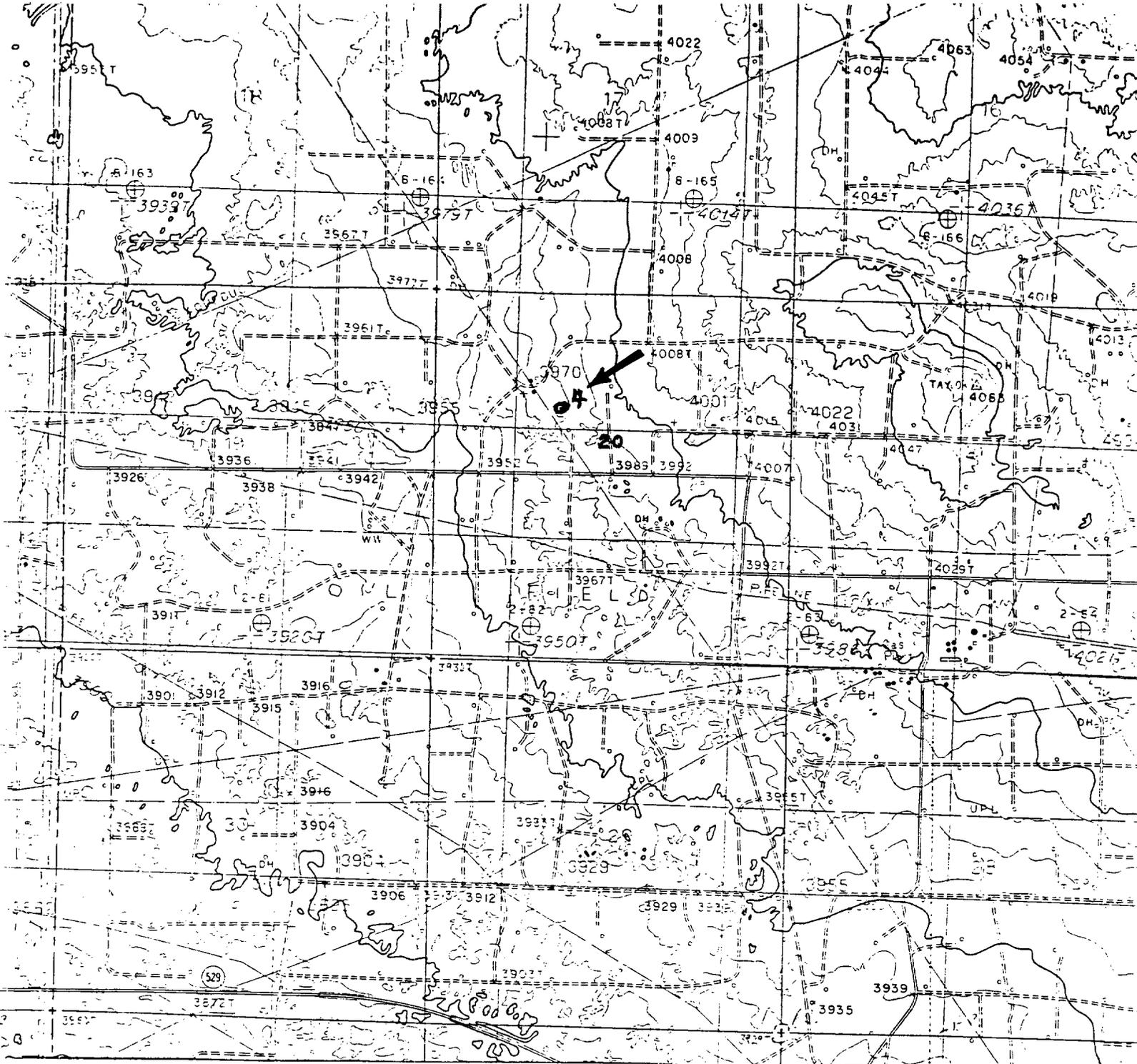
*I hereby certify that I, or persons under my direct supervision, have inspected the proposed drilling site; that I am familiar with the conditions which currently exist; that the statements made in this plan, are, to the best of my knowledge, true and correct; and that the work associated with operations 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.*

A handwritten signature in cursive script, appearing to read "Gary L. Smith", written over a horizontal line.

Gary L. Smith,  
Drilling Manager

A handwritten date "21 March '97" written in cursive script over a horizontal line.

Date



Conoco Inc.  
 Elvis No. 4  
 1660' FNL & 1866' FWL  
 Sec. 20, T-17-S, R-32-E,  
 Lea County, New Mexico.

SCALE: 1" = 2000'

**EXHIBIT A**

**BASIN SURVEYS**

P.O. BOX 1786 - HOBBS, NEW MEXICO



# STANDARD RIG LAYOUT

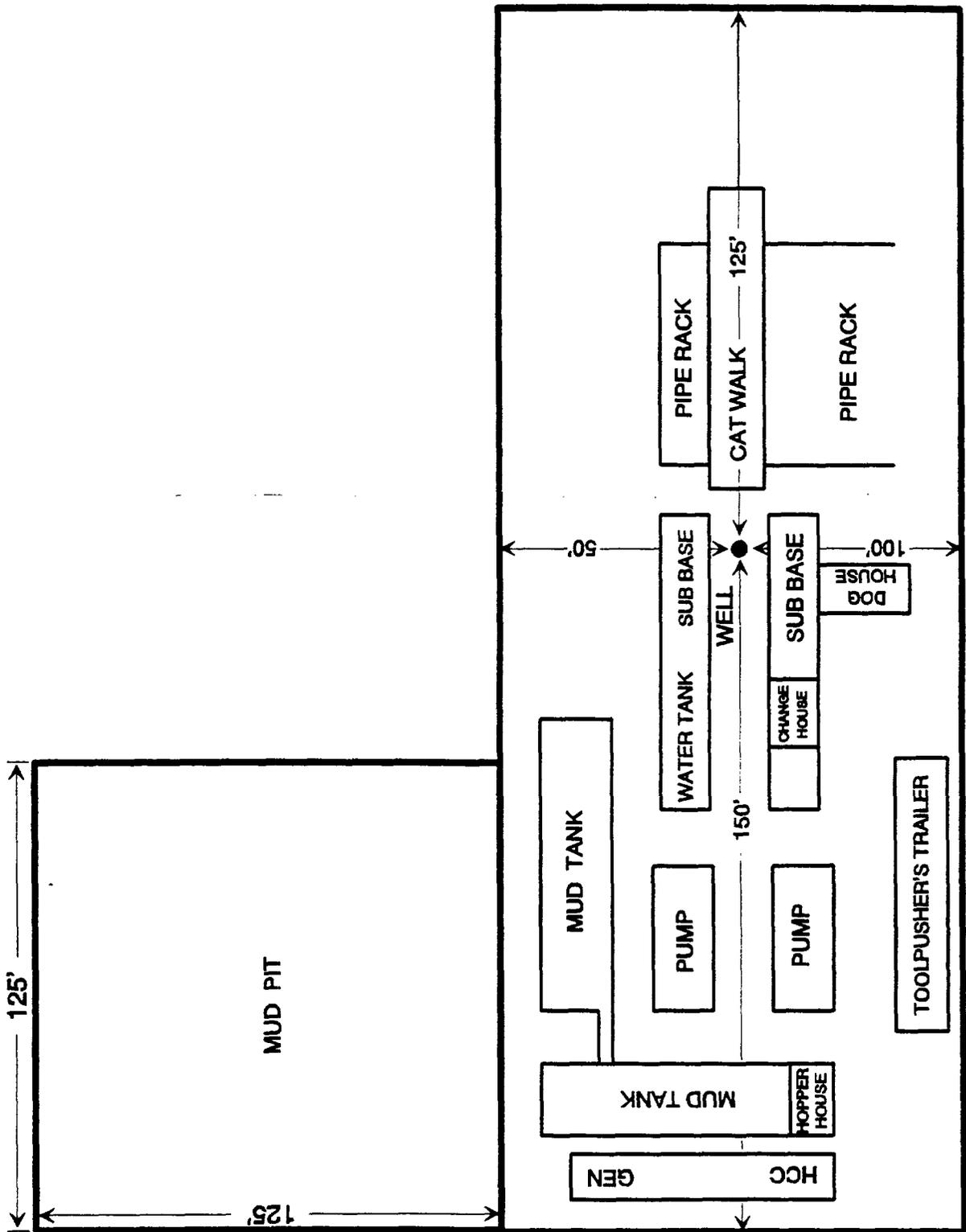
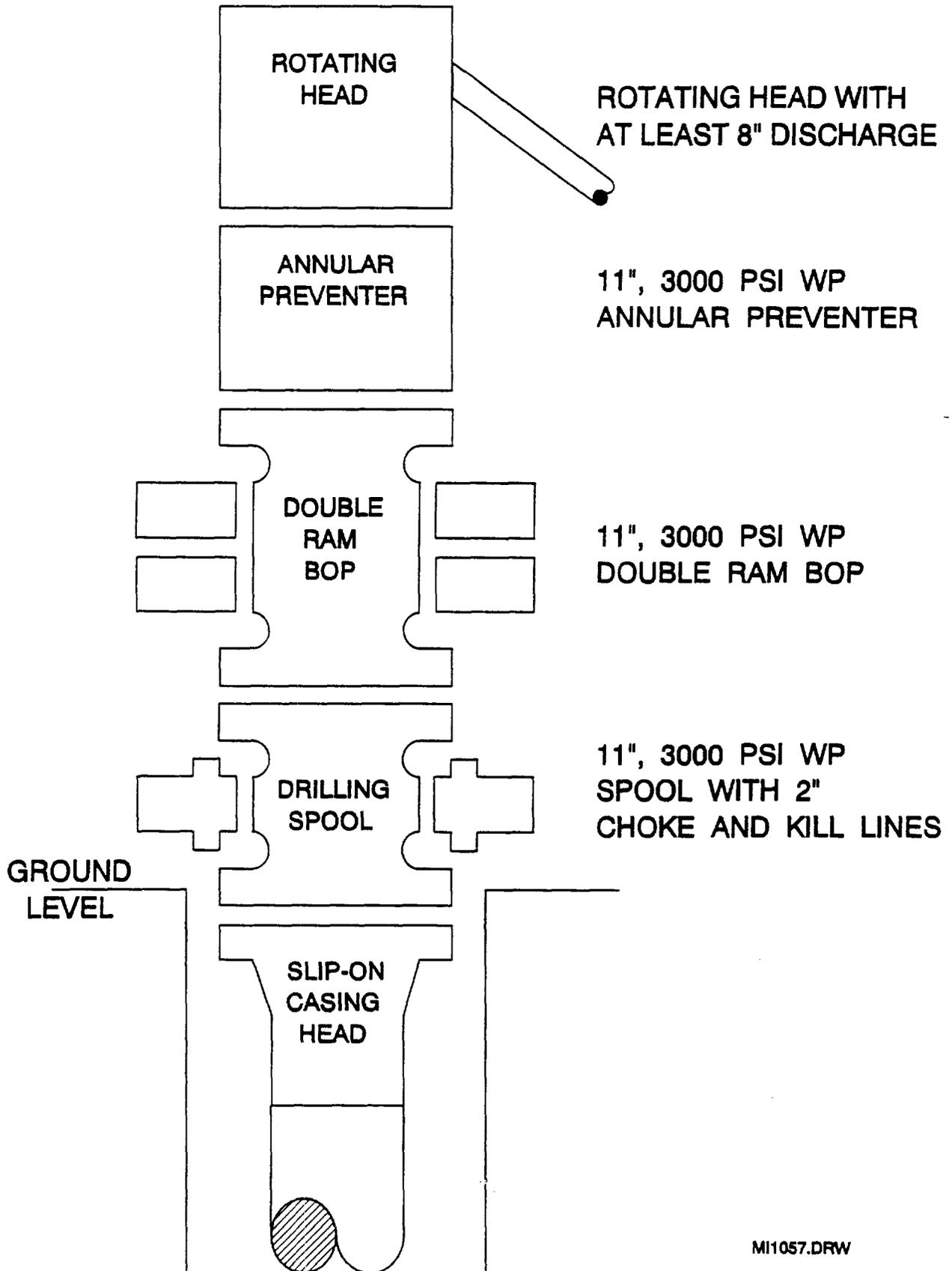
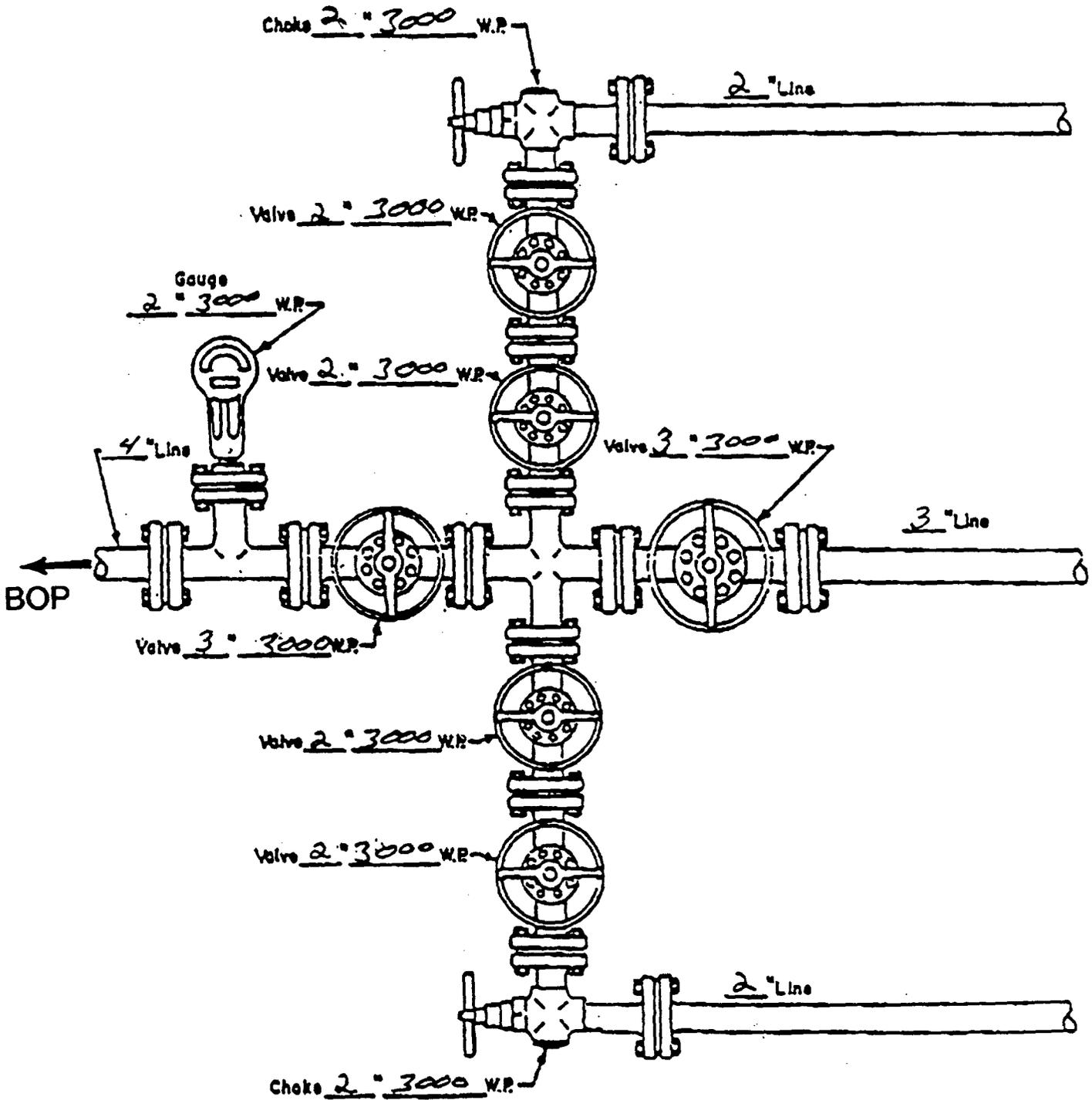


EXHIBIT B

# BOP SPECIFICATIONS



# CHOKE MANIFOLD DIAGRAM



MANIFOLD  
3000 #W.P.

- Manual
- 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 (H<sub>2</sub>S)
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 H<sub>2</sub>S 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 H<sub>2</sub>S 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.

### **C. Mud Program**

The mud program has been designed to minimize the volume of H<sub>2</sub>S circulated to surface. Proper mud weight, safe drilling practices, and the use of H<sub>2</sub>S scavengers when appropriate will minimize hazards when penetrating H<sub>2</sub>S 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



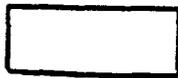
WDI



H2S Safety Contractor



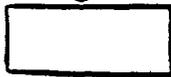
Terrain is flat, and covered with native grasses  
Two of the three WDI (wind direction indicator) locations will be utilized  
(Prevailing winds are SW to NE)



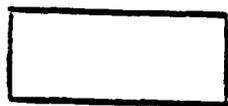
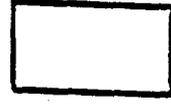
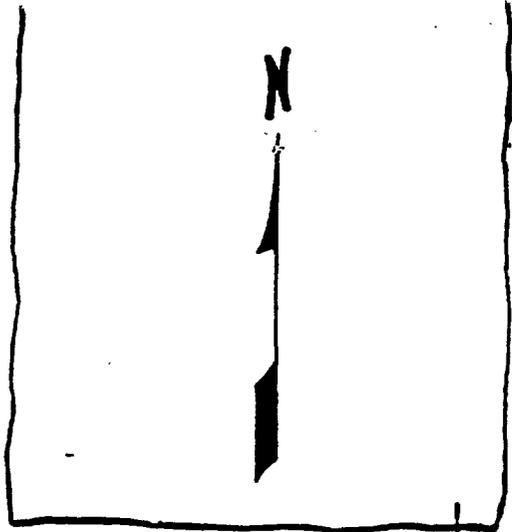
Conoco Quarters



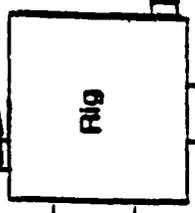
Muster Area No. 1



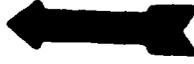
Contractor Quarters



WDI



Choke Manifold



Muster Area No. 2

WDI



**WRS COMPLETION REPORT**

COMPLETIONS SEC 20 TWP 17S RGE 32E  
30-T-0023 10/31/97 30-025-33949-0000 PAGE 1

NMEX LEA \* 1660FNL 1866FWL SEC  
STATE COUNTY FOOTAGE SPOT  
CONOCO INC WS DO  
OPERATOR WELL CLASS INIT FIN  
4 ELVIS  
WELL NO. LEASE NAME  
3984GR MALJAMAR  
OPER ELEV FIELD/POOL/AREA  
API 30-025-33949-0000  
LEASE NO. PERMIT OR WELL I.D. NO.  
05/22/1997 08/27/1997 ROTARY VERT OIL  
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS  
12550 STRAWN NABORS DR LG USA 311  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 12100 PB 11396 FM/TD STRAWN  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

3 MI SW MALJAMAR, NM  
APPROX 100 FT W/13771 (DVNN) OIL PROD IN UNNAMED FLD

WELL IDENTIFICATION/CHANGES

FLD CHGD FROM WILDCAT

CASING/LINER DATA

CSG 11 3/4 @ 670 W/ 370 SACKS  
CSG 8 5/8 @ 4600 W/ 1910 SACKS  
CSG 5 1/2 @12100 W/ 1280 SACKS

TUBING DATA

TBG 2 7/8 AT 10336

INITIAL POTENTIAL

IPF 244BOPD 261 MCFD 32/64CK 24HRS  
STRAWN PERF W/ 4/FT 10392-10458  
PERF 10392-10458  
ACID 10392-10458 51BBLS  
2% KCL & 15% NEFE HCL  
TP 100  
GOR 1070 GTY NR  
FCP PKR

CONTINUED IC# 300257022197



COMPLETIONS SEC 20 TWP 17S RGE 32E  
30-T-0023 10/31/97 30-025-33949-0000 PAGE 2

CONOCO INC WS DO  
4 ELVIS

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	RUSTLER				2490	1494
LOG	PADDOCK		5620	-1636		
LOG	WOLFCAMP		8890	-4906		
SUBSEA MEASUREMENTS FROM GR						

CORES

CORE 1 11549-11590 REC 41.00FT STRAWN CONV D  
NO DESCRIPTION AVAILABLE

CORE 2 11590-11648 REC 58.00FT STRAWN CONV D  
NO DESCRIPTION AVAILABLE

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS GR CCL

DRILLING PROGRESS DETAILS

CONOCO INC  
10 DESTA DR WEST  
MIDLAND, TX 79705  
915-686-5400  
03/25 LOC/1997/  
05/21 MIRT  
05/29 DRLG 3668  
06/05 DRLG 5115  
06/12 DRLG 7735  
06/27 DRLG 10238  
07/10 DRLG 11549  
07/25 12100 TD, WOCT  
08/15 12100 TD, PB 11396, TSTG  
RIG REL 07/18/97  
10/27 12100 TD, PB 11396  
COMP 8/27/97, IPF 244 BOPD, 261 MCFGPD,  
NO WTR, 32/64 CK, GTY (NR),  
GOR 1070, FTP 100, FCP PKR  
PROD ZONE - STRAWN 10392-10458  
TWO CORES, NO DSTS RPTD