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

Form 3 160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Seriai No.: LC 029405

6. If Indian, Allonee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.: Elvis #4

2. Name of Operator: CONOCO INC.

9. API Well No.: 30-025-33949

3. Address and Telephone No.: 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

10. Field and Pool, or Exploratory Area: Baish Wolfcamp (4480)

4. Location of Well (Footage. Sec., T. R. M. or Survey Description)
Section 20, T-20-S, R-32-E, F
1660 FNL & 1866 FWL

11. County or Parish, State: Lea Co., NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Repon	☒ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracrunng
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Reponresultsof multiplecompitiononWdl Completion or Recompletion Report and Log form.)

13. Describe Proposed or Compieted Operations (Clearly state ail 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.)*

Conoco proposes to recomplete this well to the Wolfcamp using the attached procedure.

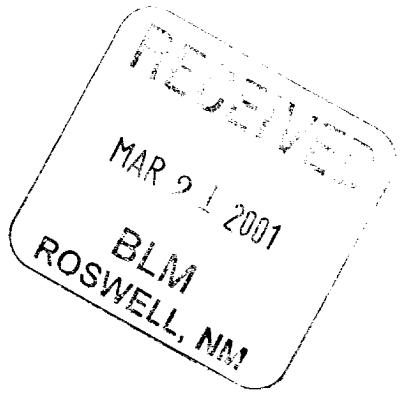
14. I hereby certify that the foregoing is true and correct
Signed Kay Maddox Title Regulatory Agent (915) 686-5798 Date March 1, 2001

(This space for Federal or State office use)
Approved by (ORIG. SGD.) LES BABYAK Title PETROLEUM ENGINEER Date MAR 22 2001
Conditions of approval if any:

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

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

*See Instruction on Reverse Side


RECEIVED
MAR 21 2001
BLM
ROSWELL, NM

ELVIS No. 4 WOLFCAMP
RECOMPLETION PROCEDURE

FIELD:	MALJAMAR		
LOCATION:	1660' FNL & 1866' FWL, UNIT LETTER "F" SECTION 20, T17S, R32E LEA COUNTY, NM		
DEPTHS:	TD = 12,100'	PBTD = 11396'	CIBP @ 11,430'
ELEVATIONS:	GL = 3984'	KB = 4011'	KB - GL = 27'
CASING:	SURFACE: 11.75", 42 LB/FT @ 670' W/ 370 SKS (CIRCULATED TO SURFACE) INTERMEDIATE: 8.625", 32 LB/FT, K-55 @ 4600' CEMENTED W/ 1910 SKS (CIRCULATED TO SURFACE) PRODUCTION: 5.5", 17 LB/FT, L-80 @ 12,100' CEMENTED W/ 1150 SKS (TOC @ 7950')		
TUBING:	2.875", 6.5 LB/FT, L-80, EUE OPEN ENDED @ 8550'		
PERFS:	CISCO: 10,398-10,458', 10,480 -74', 10,498-518', 10,527-38', 10,550-68', 10,581-90', 10,600-10', 10,619-34', 10,639-58', 10,663-671', 10,710–18', 10,736–63', 10,763-69', 10,774-79', 10786-90', 10,794-98', 10,802-14', 10,826-36', 10,842-44', 10,850-55', 10,870-90' STRAWN: 11,498-592', 11,600-56', 11,660-92' (UNDER CIBP W/ CMT)		
STATUS:	FLOWING WELL PRODUCING 3-5 MCFPD FROM CISCO PERFS		

1. MIRU derrick rig and hold prejob safety meeting covering the details of this workover.
2. POOH with the ¾" rods, laying them down. Send rods in for inspection.
3. Rig up BOP's and test them to assure they are operating correctly.
4. POOH with tubing and stand it back. Tubing was scanned last time well was pulled.
5. Move in 2500' of 2.875", L-80 tubing from yard. Pick up a bit and scraper and RIH to 10,925' KB. Check for fill and POOH.
6. Clean out any fill above this depth as plans are to rod pump the well using a natural gas anchor which will require the pump to be set 15-20' below the bottom perf at 10,890' KB.
7. Pick up a retrievable bridge plug and fullbore-treating packer (with an unloading valve and profile nipple) and RIH with them on the tubing to 9650' KB.
8. Set the bridge plug at 9650' KB and pull up 5'. Set the packer, fill the tubing, and test the plug and tubing to 5000 psig.

9. Release the packer and spot 2 bbls. of acetic acid from 9645' to 9560'. POOH.

10. Dump 2 sacks of 20-40 frac sand down the casing on top of the bridge plug. This will provide 14' to 15' of fill on top of the plug.

11. Load casing with 222 barrels of 2% KCl water.

12. Rig up Jarrel Services electric line truck and lubricator rated to 1500 psig. RIH with CCL and 4" expendable HSC casing guns loaded with charges equivalent to those specified below in the Perforating Detail.

13. Correlate with collars on the Wedge-Dialog Radius Analysis Log dated 7/22/97 and perforate the Lower Wolfcamp at 9572-92' KB. POOH with guns and rig down perforators.

14. Pick up a fullbore-treating packer (with an unloading valve, profile nipple and a joint of tubing below the packer) and RIH with them on the tubing to 9,600' KB.

15. Set the packer, fill the tubing, and test the plug and tubing to 5000 psig. Release the packer and pull up hole to 9,570' KB.

16. Rig up BJ Services and surface treating lines. Pressure test treating lines to 8000 psig. Set the pop off valve at 7000 psig. Maximum treating pressure will be 7000 psig.

17. Spot 1 barrel of 15% HCl acid to bottom. Displace acid with 55 barrels of 2% KCl water. Pull up and set the packer at 9,530' KB, land tubing, and rig up frac tree.

18. Open the unloader and spot 1000 gallons of 15% HCl acid with additives as per BJ Services treating proposal. Acid should be delivered to location at 140-150 degrees F.

19. Close the unloader and place 2000 psig on the annulus. Set up a recorder to monitor the backside pressure.

20. Treat the perforations at ¼ to ½ BPM with acid mixture. Displace the acid with 60 barrels of 2% KCl water.

21. Acid frac the Lower Wolfcamp with 6000 gallons of cross-linked 15% HCl acid plus additives at 10 BPM followed by 1500 gallons of linear 15% HCl acid plus additives at 10 BPM. Flush acid with 70 barrels of 2% KCl water at 8-10 BPM and shut down. Leave well shut in overnight.

22. Bleed any pressure off well and load the tubing with 2% KCl water. Open the unloader and release the packer and POOH with packer to 9500' KB.

23. Spot 2 bbls. of acetic acid from 9500' to 9415' and POOH with the packer.

24. Rig up Jarrel Services electric line truck and lubricator rated to 1500 psig. RIH with CCL and 4" expendable HSC casing guns loaded with charges equivalent to those specified below in the Perforating Detail.

25. Correlate with collars on the Wedge-Dialog Radius Analysis Log dated 7/22/97 and perforate the lower Wolfcamp from 9465 – 85' KB with 4 JSPF, 90 or 120-degree phasing (see Perforating Detail). POOH and rig down perforators.

26. Pick up the retrievable bridge plug and fullbore-treating packer (with an unloading valve, profile nipple and a joint of tubing below the packer) and RIH with them on the tubing to 9,530' KB.

27. Set the bridge plug at 9,530' KB and pull up 5'. Set the packer, fill the tubing, and test the plug and tubing to 5000 psig. Release the packer and pull up hole to 9,460' KB.

28. Rig up BJ Services and surface treating lines. Pressure test treating lines to 8000 psig. Set the pop off valve at 7000 psig. Maximum treating pressure will be 7000 psig.

29. Spot 1 barrel of 15% HCl acid to bottom. Displace acid with 55 barrels of 2% KCl water. Pull up and set the packer at 9400' KB, land tubing, and rig up frac tree.

30. Open the unloader and spot 1000 gallons of 15% HCl acid with additives as per BJ Services treating proposal attached to the packer. Acid should be delivered to location at 140-150 degrees F.

31. Close the unloader and place 2000 psig on the annulus. Set up a recorder to monitor the backside pressure.

32. Treat the perforations at ¼ to ½ BPM with acid mixture. Displace the acid with 60 barrels of 2% KCl water.

33. Acid frac the Lower Wolfcamp with 6000 gallons of cross-linked 15% HCl acid plus additives at 10 BPM followed by 1500 gallons of linear 15% HCl acid plus additives at 10 BPM. Flush acid with 70 barrels of 2% KCl water at 8-10 BPM and shut down. Leave well shut in overnight.

34. Bleed any pressure off well and load the tubing with 2% KCl water. Open the unloader and release the packer. Lower tubing to the bridge plug.

35. Latch onto the plug, release it, and POOH with bridge plug, packer and tubing.

36. Rig up Jarrel Services electric line truck and lubricator rated to 1500 psig. RIH with CCL and 4" expendable HSC casing guns loaded with charges equivalent to those specified below in the Perforating Detail.

37. Correlate with collars on the Wedge-Dialog Radius Analysis Log dated 7/22/97 and perforate the lower Wolfcamp from 8986' – 9006' KB with 4 JSPF, 90 or 120-degree phasing (see Perforating Detail). POOH and rig down perforators.

38. Pick up a retrievable bridge plug and fullbore-treating packer (with an unloading valve, profile nipple and a joint of tubing below the packer) and RIH with them on the tubing to 9070' KB.

39. Set the bridge plug at 9070' KB and pull up 5'. Set the packer, fill the tubing, and test the plug and tubing to 5000 psig. Release the packer and pull up hole to 8980' KB.

40. Rig up BJ Services and surface treating lines. Pressure test treating lines to 8000 psig. Set the pop off valve at 7000 psig. Maximum treating pressure will be 7000 psig.

41. Spot 1 barrel of 15% HCl acid to bottom. Displace acid with 55 barrels of 2% KCl water. Pull up and set the packer at 8900' KB, land tubing, and rig up frac tree.

42. Open the unloader and spot 1000 gallons of 15% HCl acid with additives as per BJ Services treating proposal attached to the packer. Acid should be delivered to location at 140-150 degrees F.

43. Close the unloader and place 2000 psig on the annulus. Set up a recorder to monitor the backside pressure.

44. Treat the perforations at ¼ to ½ BPM with acid mixture. Displace the acid with 60 barrels of 2% KCl water.

45. Acid frac the Upper Wolfcamp with 6000 gallons of cross-linked 15% HCl acid plus additives at 10 BPM followed by 1500 gallons of linear 15% HCl acid plus additives at 10 BPM. Flush acid with 70 barrels of 2% KCl water at 8-10 BPM and shut down. Leave well shut in overnight.

46. Bleed any pressure off well and load the tubing with 2% KCl water. Open the unloader and release the packer. Lower tubing to the bridge plug.

47. Latch onto the plug, release it, and POOH with bridge plug, packer and tubing.

48. RIH with a conventional mud anchor, seating nipple, and tubing anchor on the tubing to +/- 9610'. Land tubing so the seating nipple is at least 15' below the bottom perforation to provide a natural gas anchor.

49. ND BOP's and pick up a 2.5" x 1.5" x 30' rhbc insert pump and 6 1.5" sinker bars.

50. RIH with a tapered Norris 97 86 rod string. Seat the pump and fill the tubing with water.

51. NU tubing head and pumping tee. Hang well on.

52. Place well on production. Monitor rates and fluid levels until the well pumps down, and production stabilizes.

53. When the Wolfcamp testing is completed and a downhole commingling permit is approved, remove the retrievable bridge plug and put well on production from the Cisco and Wolfcamp with the seating nipple set at 10,910'.

54. Estimate the Cisco production by subtracting the Wolfcamp's prior production rate from the total well production.

Perforating Detail

Vendor:	Jarrel Services
Gun Type:	Expendable Hollow Steel Carrier (HSC)
Gun OD:	4.0"
Charge Name:	Titan
Charge Weight	39 grams
Hole Size:	0.47"
Penetration:	41.5" (Cement Target)
Shot Density:	4 JSPF
Phasing:	90 or 120 degrees

Form C-102

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

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	2 Pool Code	3 Pool Name
30-025-33949	4480	Baish Wolfcamp

4 Property Code	5 Property Name	6 Well Number
	Elvis	#4

7 OGRID No.	8 Operator Name	9 Elevation
005073	Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	3984

10 Surface Location

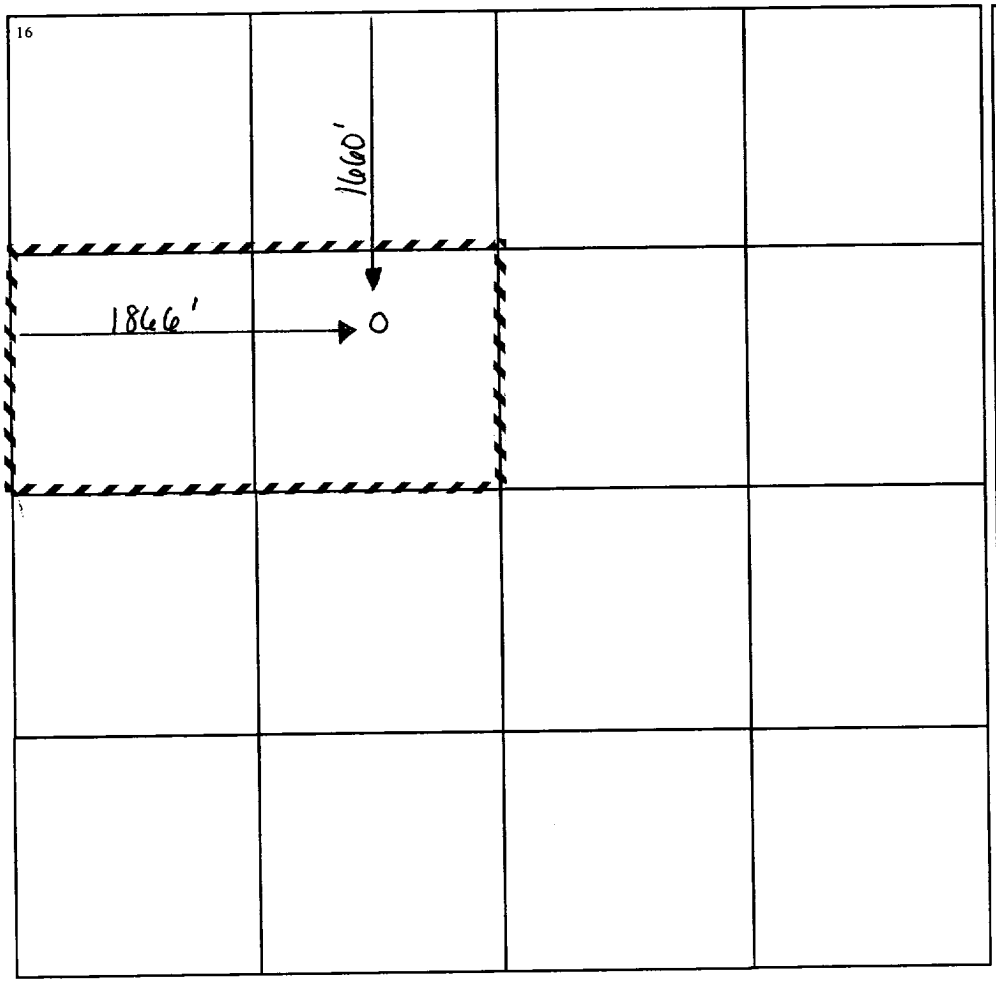
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	17S	32E		1660	North	1866	West	Lea

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	13 Joint or Infill	14 Consolidation Code	15 Order No.
80			NSL-4575

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

Signature: Kay Maddox

Printed Name: Kay Maddox

Title: Regulatory Agent

Date: March 1, 2001

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