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NEW MEXICO OIL CONSERVATION COMMISSION
JAN 20 1987

Form C-103
 Supersedes Old
 C-102 and C-103
 Effective 1-1-85

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name City of Farmington Com
9. Well No. #1
10. Field and Pool, or Wildcat Basin Dakota
12. County San Juan

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
 USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-
2. Name of Operator Tenneco Oil Company
3. Address of Operator P.O. Box 3249, Englewood, Colorado 80155
4. Location of Well UNIT LETTER <u>J</u> <u>2160</u> FEET FROM THE <u>South</u> LINE AND <u>1591</u> FEET FROM THE <u>East</u> LINE, SECTION <u>10</u> TOWNSHIP <u>29N</u> RANGE <u>13W</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 5343' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
 NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUS AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUS AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

CITY OF FARMINGTON COM #1

12/29/86 - MIRUSU. NDWH. NUBOP. Tally & PU tbq. RIH w/tbg, bit sub, and 3-7/8" bit. Tag cmt @ 1662', drill cmt and DV tool @ 1762', circulated clean. Pulled up one stand, SDON.

12/30/86 - RIH w/tbg. Tagged cmt @ 4400', broke circulation. Drilled cmt and DV tool @ 4494'. TOOH to change out bit. RIH w/tbg and new bit. Tagged cmt @ 5860'. Drilled cmt and float collar plus 30'. PBTD 6050'. Circ hole clean. PT to 1500 psi. POOH w/tbg and bit. SDON.

12/31/86 - RIH w/Gamma Ray/CCL and CBL. Ran log from PBTD to 5700', 5400-4850, 1650-1200, 700' to surface. Had good cement bond across Dakota.

Continued on next page.

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

SIGNED Mike McCreedy TITLE Administrative Analyst DATE 01/15/87

SUPERVISOR DISTRICT 3

JAN 21 1987

Original Signed by FRANK T. CHAVEZ

APPROVED BY _____
 CONDITIONS OF APPROVAL, IF ANY:

Continued from page 1

CITY OF FARMINGTON COM #1

- 12/31/86 - RIH w/tbg to PBTD. Pulled up to 5984'. Spot 250 gals 7-1/2% DI HCL. POOH w/tbg. PT to 3500 psi, held OK. RIH 3-1/8 csg gun. Perforated Dakota w/2 JSPF 120° phasing from 5838-52', 5864-68', 5920-24', 5938-41', 5944-60', 5971-84, 60' 120 holes. Broke down formation @ 2200 psi. Established rate 26 BPM @ 2300 psi. ISIP = 600 psi. Acidized and balled off w/1500 gals 15% weighted HCL and 181 1.1 SG ball sealers. Acid away at 24 BPM at 2000 psi. Ball action good, ball off complete. RIH w/junkbasket to PBTD. Pump 25 BBLS 1% KCL to clear out casing and make sure all acid is gone. SD for weekend.
- 01/1, 2, 3, 4/1987 - Shut down for Holiday weekend.
- 01/05/87 - Frac down csg w/120,000 gals of 30# XL gel and 210,000# of 20/40 sd. AIR = 60 BPM @ 2350 psi. ISIP = 1550. Max Press = 2675 psi. 15 min SI = 1050.
- 01/06/87 - Well had 250 psi at 7:00 am. Open casing on both sides and blow well down. RIH w/tbg and SN. Tag sand fill at 5980. Reversed sand out. CO to PBTD. Pulled up to 5800'. Land tbg in BOP's. NU. SDON.
- 01/07/87 - RU to flow back. Flowed 4 hrs. Flw'd 251 BBLS of water. Had 100# on tbg at start of flow. Flw well thry full 2" straight to tank-bypass separator. Final FTP = 575#. RIH w/circulating blanking plug. Plug would not hold. RIH w/fishing tool. Released plug and POOH. SDON.
- 01/08/87 - RIH w/blanking plug. Shut tbg off. POOH. Calc BHP = 2514. Kill well with weighted brine water. Weighted up to 9.8#/gal. POOH w/balance of tbg. RIH w/4-1/2" Model D production packer. Set packer at 5808'. RIH w/tbg, SN, expendable check, half mule shoe and 1.78 F nipple one joint above seal assembly. Circulated hole with corrosion inhibitor. Knocked out expendable plug in Model D production packer. Landed tbg in packer. 15000# on packer. NDBOP, NUWH. Dropped ball, pumped out circulating check in tbg, open well up and flowed back 3 minutes. Had good pressure and flowing good. RDMOSU.

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

SIGNED Mike McCreedy

TITLE Administrative Analyst

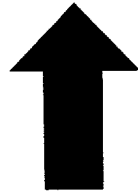
DATE 01/15/87

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:



LTR



Job separation sheet

STATE OF NEW MEXI
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

RECEIVED
JAN 29 1987

OIL CON. DIV.
DIST. 3

CASE NO. 8915
Order No. R-8253

APPLICATION OF TENNECO OIL COMPANY
FOR DIRECTIONAL DRILLING, SAN JUAN
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on June 25, 1986, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 8th day of July, 1986, the Division Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Tenneco Oil Company, seeks authority to directionally drill four wells to the Basin Dakota Pool in its City of Farmington Lease, all in Section 10, Township 29 North, Range 13 West, NMPM, Farmington City Limits, San Juan County, New Mexico, in the manner as described in Exhibit "A" attached hereto and made a part hereof.

(3) The E/2 of said Section 10 is to be dedicated to Wells Nos. 1 and 1-E and the W/2 of said Section 10 is to be dedicated to Wells Nos. 2 and 2-E.

(4) The proposed bottom hole locations including a 75 foot target radius on the four subject wells are standard gas well locations pursuant to the Special Pool Rules governing the Basin Dakota Gas Pool.

(5) The surface locations of all four wells are on a 4.561 acre tract of land in the NE/4 of said Section 10 which lies

within a residential section of the City of Farmington, New Mexico.

(6) The directional drilling of the subject wells is necessitated in order to adequately avoid occupied dwellings, streets, and City Parks located in said Section 10.

(7) Approval of the application is in the best interest of conservation, inasmuch as it will minimize surface damage and correlative rights, provided the applicant should be required to determine the subsurface locations of the bottom of the holes by means of a continuous multi-shot directional survey conducted subsequent to directional drilling, if said wells are to be completed as producing wells.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Tenneco Oil Company, is hereby authorized to directionally drill four wells to the Basin Dakota Pool in its City of Farmington Lease, all in Section 10, Township 29 North, Range 13 West, NMPM, Farmington City Limits, San Juan County, New Mexico, in the manner described in Exhibit "A" attached hereto and made a part hereof.

PROVIDED HOWEVER THAT, prior to the above described directional drilling, the operator shall determine the subsurface location of the kick-off point of each well;

PROVIDED FURTHER THAT, subsequent to the above described directional drilling, should said wells be producers, a continuous multi-shot directional survey shall be made of each wellbore from total depth to the kick-off point with shot points not more than 100 feet apart; the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe office of the Division, P. O. Box 2088, Santa Fe, New Mexico 87504, and the operator shall notify the Division's Aztec District Office of the date and time said survey is to be commenced.


(2) Form C-105's shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths for each well.

(3) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Case No. 8915
Order No. R-82.
-3-

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


R. L. STAMETS,
Director

attest

S E A L

EXHIBIT "A"
Order No. R-825.

The following well descriptions all in Section 10, Township 29 North, Range 13 West, NMPM, Farmington City Limits, Basin Dakota Pool, San Juan County, New Mexico.

City of Farmington Well No. 1:

Surface Location: 2160 feet from the South line and 1591 feet from the East line;
Approximate Kick-Off Point from Vertical: 3275 feet;
Bottom Hole Location: Within 75 feet of a point 1750 feet from the South line and 1775 feet from the East line.

City of Farmington Well No. 1-E:

Surface Location: 2203 feet from the South line and 1653 feet from the East line;
Approximate Kick-Off Point from Vertical: 1800 feet;
Bottom Hole Location: Within 75 feet of a point 1650 feet from the North and East lines. 100' (Revised)

City of Farmington Well No. 2:

Surface Location: 2159 feet from the South line and 1712 feet from the East line;
Approximate Kick-Off Point from Vertical: 750 feet;
Bottom Hole Location: Within 75 feet of a point 1650 feet from the South and West lines. 100' (Revised)

City of Farmington Well No. 2-E:

Surface Location: 2246 feet from the South line and 1712 feet from the East line;
Approximate Kick-Off Point from Vertical: 750 feet;
Bottom Hole Location: Within 75 feet of a point 1650 feet from the North and West lines. 100' (Revised)
