

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-045-25934
5. LEASE DESIGNATION AND SERIAL NO.
NM-013860-A

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1850' FSL, 1460' FEL

At proposed prod. zone

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

12 mi SE of Blanco, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1460'

16. NO. OF ACRES IN LEASE

1200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

S/320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

+ 7370'

20. ROTARY OR CABLE TOOLS

Rotary

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

6300' GR

22. APPROX. DATE WORK WILL START*

ASAP

23.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	+ 300'	Circulate to surface
8-3/4"	7"	23#	+3530'	Circulate to surface
6-1/4"	4-1/2"	10.5#	+7000'	Circulate to liner top
6-1/4"	4-1/2"	11.6#	+7370'	Circulate to liner top

See Attached

We will be hauling water from 10 mi crossing in NE/4 Sec. 17, T28N, R8W

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

TITLE Production Analyst

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

ok7

NMOC

RECEIVED
MAR 29 1984
OIL CON. DIV.
DIST. 3

3/6/84 APPROVED
AS AMENDED
MAR 26 1984
 AREA MANAGER FARMINGTON RESOURCE AREA

All distances must be from the outer boundaries of the Section.

Operator TENNECO OIL COMPANY		Lease RUSSELL		Well No. 2E
Unit Letter J	Section 24	Township 28N	Range 8W	County San Juan
Actual Footage Location of Well: 1850 feet from the South line and 1460 feet from the East line				
Ground Level Elev: 6300	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

<p>RECEIVED MAR 29 1984 OIL CON. DIV. DIST. 3</p>	<p>RECEIVED MAR 12 1984 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>
<p>Sec.</p>	<p>24</p>

Scale: 1"=1000'

<p>CERTIFICATION</p>	
<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>	
<p>Name John Orr</p>	
<p>Position Production Analyst</p>	
<p>Company Tenneco Oil Company</p>	
<p>Date March 6, 1984</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 knowledge and belief.</p>	
<p>Date Surveyed December 30, 1983</p>	
<p>Registered Professional Engineer and Land Surveyor Fred B. Kerr Jr.</p>	
<p>Certificate No. 3950</p>	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Tenneco Oil Company		8. FARM OR LEASE NAME Russell
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, CO 80155		9. WELL NO. 2E
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1850' FSL, 1460' FEL		10. FIELD AND POOL, OR WILDCAT Basin Dakota
14. PERMIT NO. 30-045-25934		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 24, T28N, R8W
15. ELEVATIONS (Show vertical or true vertical depth) 6300' GR		12. COUNTY OR PARISH 13. STATE San Juan NM

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JUN 25 1984

FARMINGTON RESOURCE AREA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Progress Report

REPAIRING WELL

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)*

06/06/84: MIRURT. Spud well @ 2 p.m. 6-6-84 w/4 Corners Rig #7. Drld to 309'. RU & Ran 7 jts (295') 9-5/8" 36# K-55 STC csg set @ 308. Cmt w/210 sx (248) CL-B + 1/4#/sx Flocele + 2% CaCl₂. WOC. NUBOPE & Test, OK.

06/10/84: Drill to 4150. RU & Ran 93 jts 7" 23# K-55 LT&C & 3 jts ST&C csg (total 4167'), set @ 4150, FC 4105, DV 2192. Cmt W/20 bbls CW ahead of 100 sx (184cf) HALCO LITE + 2% CaCl₂, 1/4#/sx FLOCELE, +1/4cf PERLITE. Tail w/150 sxs (177cf) CL-B+2% CaCl₂, +1/4#/sx FLOCELE. Cmt 2nd stage: W/300 sx (552cf) HALCO LITE + 2% CaCl₂, + 1/4#/sx FLOCELE + 1/4cf PERLITE. Tail w/50 sx CL-B (59cf) + 2% CaCl₂ + 1/4#/sx FLOCELE. PD @ 4:35 a.m. 6-11. Circ 5 bbls cmt.

06/17/84: Drilled to TD. RU & Ran 11 jts 4-1/2 11.6# K-55 LT&C & 69 jts 4-1/2 10.5# K-55 LT&C csg, set @ 7426, FC @ 7388. TOL @ 4007. Cmt w/20 bbls CW ahead of 250sx (460cf) 65:35 + 6% gel+6%+.6% HALAD 9. Tail w/150sx (177cf) CL-B + .6% HALAD 9. PD @ 8:50 p.m. 6-17-84. Circ 5 bbls cmt to surf. Rig released 12:01 a.m. 6-18-84

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JUL 02 1984

OIL CON. DIV.
DIST. 3

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

SIGNED

[Signature]

TITLE Senior Regulatory Analyst

DATE

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

NMOCC

*See Instructions on Reverse Side

JUN 29 1984

FARMINGTON RESOURCE AREA

BY

[Signature]