



SOUTHWEST POTASH CORPORATION
P. O. BOX 279, CARLSBAD, NEW MEXICO 88220 • 885-3157

A SUBSIDIARY OF
AMAX
AMERICAN METAL CLIMAX, INC.

October 5, 1966

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O. C. C.
ARTESIA, OFFICE


Mr. J. J. Velten
Division Civil Engineer
Texaco, Inc.
Post Office Box 2109
Midland, Texas 79701

Dear Mr. Velten:

With reference to your application to the New Mexico Oil Conservation Commission to drill a well in the NW $\frac{1}{4}$, NW $\frac{1}{4}$ Section 32, T18S, R30E, Southwest Potash Corporation has no objections to the granting of this permit.

Please accept our thanks for the notification of intent to drill.

Very truly yours,


V. A. Zandon
General Manager

VAZ:lp

cc: N. M. Oil Conservation Commission, Santa Fe
N. M. Oil Conservation Commission, Artesia ✓
Mr. R. S. Fulton, U.S.G.S., Carlsbad
Mr. John A. Anderson, U.S.G.S., Roswell

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RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

OCT 6 1966

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ARTESIA, OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	E-9262

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name State of	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		New Mexico "CY" NCT-1	
2. Name of Operator TEXACO INC. ✓		9. Well No. 2	
3. Address of Operator P. O. BOX 3109, MIDLAND, TEXAS 79701		10. Field and Pool, or Wildcat North Benson-Queen	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>18S</u> RGE. <u>30E</u> NMPM		12. County Eddy	
19. Proposed Depth 3110'		19A. Formation Queen	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3429' Gr.	
21A. Kind & Status Plug. Bond \$10,000 blanket		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start At once			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9 7/8"	7 5/8"	24#, 15.28#	475'	*400	250% to circulate
6 3/4"	4 1/2"	10.5#	3110'	**800	300% to circulate

*Cement with 400 sx Class "C" neat (250% to circulate)
 **Cement with 500 sx TLW 12.2#/gal 10% salt followed by 300 sx Class "C" neat salt saturated 14.8#/gal. (300% to circulate)

COMPLETION PROGRAM

1. Selectively perforate pay with 2 jspl.
2. Treat with 1500 gals. 15% NE acid & ball sealers.
3. Fracture with 30,000 gals. refined oil with 1 1/2#/gal. of sand. Stage fracture with ball sealers.

FORMATION TOPS EXPECTED

Anhydrite	255'	Queen	2510'
Base of Salt	1245'	Total Depth	3110'

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed J. J. Veltin Title Division Civil Engineer Date 9/26/66
 (This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

N. MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

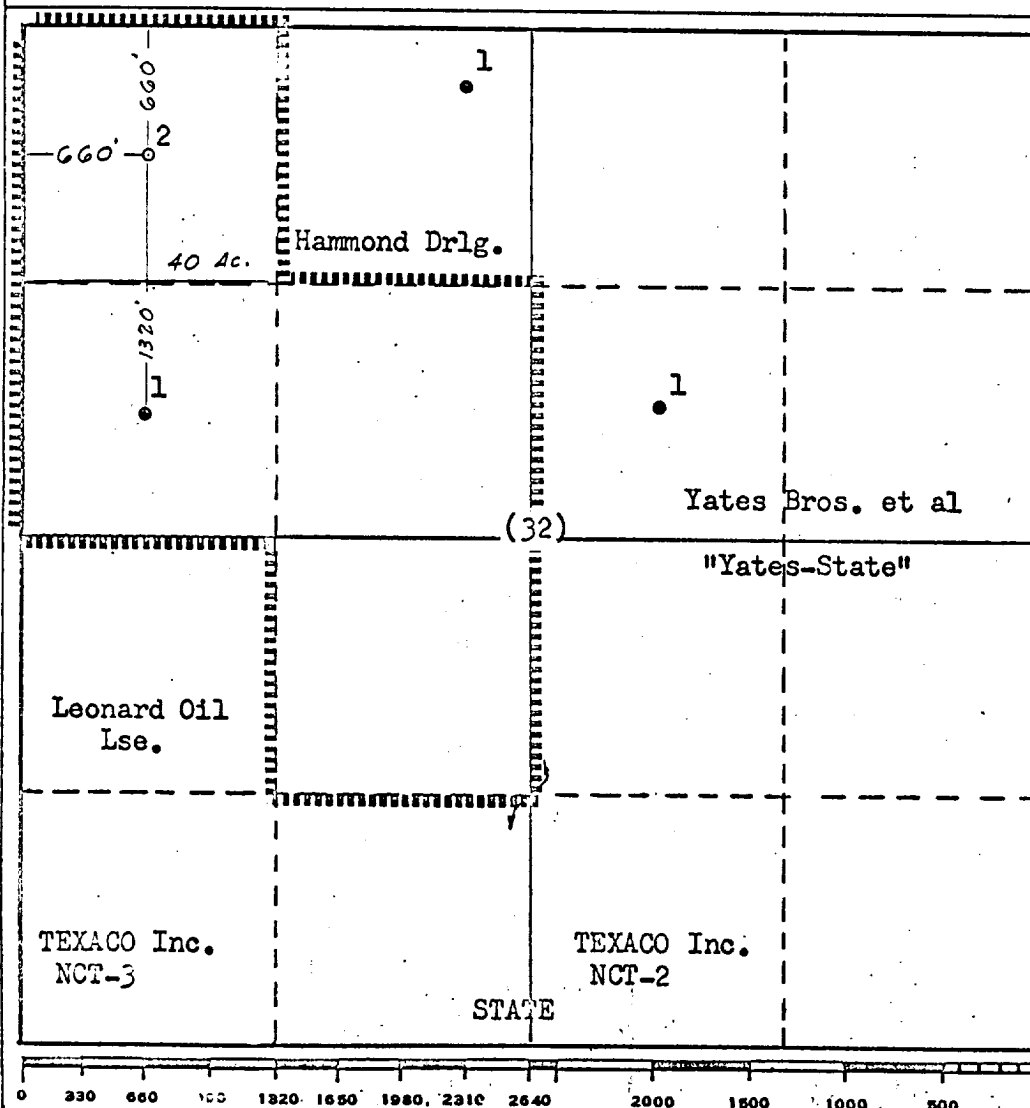
Operator TEXACO Inc.		Lease State of New Mexico "CY" NCT-1		Well No. 2
Unit Letter D	Section 32	Township 18 South	Range 30 East	County Eddy
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line Sec. 32				
Ground Level Elev. 3429	Producing Formation Queen	Pool North Benson-Queen	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.



CERTIFICATION

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

Name

J. J. Velten
J. J. Velten

Position

Division Civil Engineer

Company

TEXACO Inc.

Date

9/26/66

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.

Date Surveyed

9/23/66

Registered Professional Engineer and/or Land Surveyor

J. J. Velten
J. J. Velten

Certificate No.

8174

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Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

O. C. C.
ARTESIA OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input checked="" type="checkbox"/> Injection Well</p> <p>Name of Operator TEXACO Inc.</p> <p>Address of Operator P. O. Box 728, Hobbs, New Mexico 88240</p> <p>Location of Well UNIT LETTER D 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 32 TOWNSHIP 18-S RANGE 30-E NMPM.</p>	<p>5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/></p> <p>5. State Oil & Gas Lease No. E-9262</p> <p>7. Unit Agreement Name North Benson Queen Unit</p> <p>9. Farm or Lease Name</p> <p>9. Well No. 31</p> <p>10. Field and Pool, or Wildcat North Benson Queen Grayburg</p> <p>12. County Eddy</p>
<p>15. Elevation (Show whether DF, RT, GR, etc.)</p>	

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

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p> <p>PLUG AND ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOB <input type="checkbox"/></p> <p>OTHER <input checked="" type="checkbox"/> Acidize Injection Well</p> <p>ALTERING CASING <input type="checkbox"/></p> <p>PLUG AND ABANDONMENT <input type="checkbox"/></p>
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Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. MIRU Well Units Inc. Ran pkr & RBP. Prep to acidize.
2. Ran 2 3/8" PC tbg & pkr set at 2612'. Tested csng annulus to 500#. Tested OK. Displaced annulus w/inhibited wtr.
3. Inj. 400 BWPD at 1650# into Queen perfs. 2708-3057'.
4. Return to injection. 5-12-75.

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

SIGNED TITLE Asst. Dist. Supt. DATE 5-13-75

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

