

Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator YATES PETROLEUM CORPORATION ✓		MAY 10 1991		Well API No. 30-015-20423	
Address 105 South 4th St., Artesia, NM 88210					
Reason(s) for Filing (Check proper box) New Well <input type="checkbox"/> Change in Transporter of: <input type="checkbox"/> CONVERT TO DUAL WELL-SWD & Oil Well Recompletion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Order No. SWD-411(DC) Change in Operator <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> Assign Allowable.					
If change of operator give name and address of previous operator					

II. DESCRIPTION OF WELL AND LEASE

Lease Name Medano VA State	Well No. 1	Pool Name, Including Formation <del>Unders. Delaware</del>	Kind of Lease State, Federal or Fee/	Lease No. V-120
Location Unit Letter <u>K</u> : <u>1947</u> Feet From The <u>South</u> Line and <u>1986</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>23S</u> Range <u>31E</u> , NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Navajo Refining Co.	Address (Give address to which approved copy of this form is to be sent) PO Box 159, Artesia, NM 88210				
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)				
If well produces oil or liquids, give location of tanks.	Unit K	Sec. 16	Twp. 23	Rge. 31	Is gas actually connected? When ? No

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v <input checked="" type="checkbox"/>	Diff Res'v <input type="checkbox"/>
Date Spudded 10-11-90	Date Compl. Ready to Prod. 4-10-91		Total Depth 12175'			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.) 3358' GR	Name of Producing Formation Delaware		Top Oil/Gas Pay 4218'			Tubing Depth 7797'		
Perforations 4218-37', 7825-56'						Depth Casing Shoe 12500'		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
26"	20"		600'		1000 sx (in place)			
17 1/2"	13-3/8"		4400'		3500 sx (in place)			
12 1/4"	9-5/8"		12500'		1200 sx (in place)			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank 4-10-91	Date of Test 4-18-91	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24 hrs	Tubing Pressure -	Casing Pressure -	Choke Size Open
Actual Prod. During Test 224	Oil - Bbls. 83	Water - Bbls. 141	Gas - MCF 20

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut in)	Casing Pressure (Shut in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations 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  
Juanita Goodlett - Production Supvr.  
Printed Name  
5-9-91  
Date  
(505) 748-1471  
Title  
Telephone No.

OIL CONSERVATION DIVISION

MAY 14 1991

Date Approved  
By ORIGINAL SIGNED BY  
MIKE WILLIAMS  
Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

State of New Mexico  
Energy, Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240  
**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210  
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

NOV 16 '90

WELL API NO.  
30-015-20423

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
V-120

7. Lease Name or Unit Agreement Name  
Medano VA State

8. Well No.  
1

9. Pool name or Wildcat  
Undes. Delaware

10. Date Spudded  
10-11-90

11. Date T.D. Reached  
-

12. Date Compl. (Ready to Prod.)  
10-30-90

13. Elevations (DF & RKB, RT, GR, etc.)  
3358' GR

14. Elev. Casinghead  
Eddy

15. Total Depth  
12175'

16. Plug Back T.D.  
5935'

17. If Multiple Compl. How Many Zones?  
-

18. Intervals Drilled By  
Rotary-Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
4218-26'; 4229-37' Delaware

20. Was Directional Survey Made  
No

21. Type Electric and Other Logs Run  
None for recompletion.

22. Was Well Cored  
No

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG D.**

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:  
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☒ OTHER ☐

2. Name of Operator  
YATES PETROLEUM CORPORATION (505/748-1471)

3. Address of Operator  
105 South 4th St., Artesia, NM 88210

4. Well Location  
Unit Letter K: 1947 Feet From The South Line and 1986 Feet From The West Line  
Section 16 Township 23S Range 31E NMPM

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PUL
20"	94#	600'	26"	1000 sx (in place)	
13-3/8"	61#	4400'	17 1/2"	3500 sx (in place)	
9-5/8"	43.4#	12500'	12 1/4"	1200 sx (in place)	

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKET
					2-7/8"	4302'	

26. Perforation record (interval, size, and number)  
4218-26'; 4229-37' w/64 - .40" Holes (4 SPF)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, I  
DEPTH INTERVAL  
4218-4237'  
AMOUNT AND KIND MATERIAL USED  
w/1500gal 7 1/2% NEFE acid  
ball sealers.

PRODUCTION				Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut)	
Pumping						Producing	
Date First Production 10-19-90	Hours Tested 24	Choke Size Open	Prod'n For Test Period Oil - Bbl. 66	Gas - MCF 30	Water - Bbl. 40	Oil Gravity - API - (Cor) 38° (est)	Gas - 455
Date of Test 10-30-90	Casing Pressure 30	Calculated 24-Hour Rate 66	Oil - Bbl. 66	Gas - MCF 30	Water - Bbl. 40	Test Witnessed By Larry Raga	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Gas used on lease for engine.

30. List Attachments  
None

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Juanita Goodlett Printed Name Juanita Goodlett Title Production Supv Date Nov 16 '90