

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

RECEIVED

JUL 10 1991

O. C. D.
ARTESIA, OFFICE

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator YATES PETROLEUM CORPORATION	Well API No. 30-015-26722
Address 105 South 4th St., Artesia, NM 88210	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of operator give name
and address of previous operator

II. DESCRIPTION OF WELL AND LEASE

Lease Name Dolores AIL Federal	Well No. 3	Pool Name, Including Formation Livingston Ridge Delaware	Kind of Lease State, Federal or Fed/ State, Federal or Fed/	Lease No. NM 65418
Location Unit Letter <u>H</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>430</u> Feet From The <u>West East</u> Line Section <u>14</u> Township <u>22S</u> Range <u>31E</u> , NMPM, Eddy 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"/> Pride Pipeline Co.	Address (Give address to which approved copy of this form is to be sent) PO Box 2436, Abilene, TX 79604					
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 A	Sec. 14	Twp. 22s	Rge. 31e	Is gas actually connected? NO	When ?

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 X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 6-1-91	Date Compl. Ready to Prod. 7-2-91		Total Depth 8420'		P.B.T.D. 8364'			
Elevations (DF, RKB, RT, GR, etc.) 3551' GR	Name of Producing Formation Delaware		Top Oil/Gas Pay 7002'		Tubing Depth 6993'			
Perforations 7002-7030'					Depth Casing Shoe 8420'			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
26"	20"		40'		Redi-Mix			
17 1/2"	13-3/8"		855'		750 sx			
11"	8-5/8"		4460'		1600 sx			
7-7/8"	5 1/2"		8420'		850 sx			

V. TEST DATA AND REQUEST FOR ALLOWABLE /2-7/8" @ 6993'/

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.)

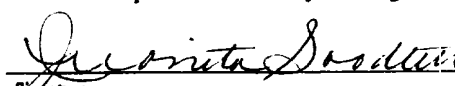
Date First New Oil Run To Tank 6-30-91	Date of Test 7-2-91	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24 hrs	Tubing Pressure 40#	Casing Pressure 40#	Choke Size 2"
Actual Prod. During Test 458	Oil - Bbls. 347	Water - Bbls. 111	Gas - MCF 152

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
7-8-91
Date
(505) 748-1471
Title
Telephone No.

OIL CONSERVATION DIVISION

Date Approved JUL 26 1991

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *
RECEIVED

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐
JUL 18 1991

2. NAME OF OPERATOR
YATES PETROLEUM CORPORATION (505) 748-1477
O. C. D. ARTESIA OFFICE

3. ADDRESS OF OPERATOR
105 South 4th Street, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL, 430' FNL, Sec. 14-T22S-R31E
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
API #30-015-26722

5. LEASE DESIGNATION AND SERIAL NO.
NM 65418
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Dolores AIL Federal
9. WELL NO.
3
10. FIELD AND POOL, OR WILDCAT
Livingston Ridge Delaware
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Unit H, Sec. 14-T22S-R31E

12. COUNTY OR PARISH
Eddy
13. STATE
NM

15. DATE SPUDDED 6-1-91
16. DATE T.D. REACHED 6-21-91
17. DATE COMPL. (Ready to prod.) 7-2-91
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3551' GR
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8420'
21. PLUG, BACK T.D., MD & TVD 8364'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7002-7030' Delaware
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL/LDT; DLL
27. WAS WELL CORED
No

CNL/LDT; DLL

CASING RECORD (Report all strings set in well)						AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		
20"		40'	26"	Redi-Mix		
13-3/8"	54.5#	855'	17 1/2"	750 SX		
8-5/8"	32#	4460'	11"	1600 SX		
5 1/2"	15.5 & 17#	8420'	7-7/8"	850 SX		

30. TUBING RECORD

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6993'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7002-7030' w/20 - .40" holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		7002-7030'	w/1000g. 7 1/2% NEFE acid.
			SF w/8500g. 40# X-linked gel
			+ 16000# 20/40 sd & 8000# 20/40
			Resin-coated Sd.

33. PRODUCTION								WELL STATUS (Producing or shut-in) Producing
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						
6-30-91		Pumping						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7-2-91	24	2"	→	347	152	111	438	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HR R. RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
40	40	→	347	152	111	38° (est)		
							TEST WITNESSED BY	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented - Will be sold
TEST WITNESSED BY
Dan Dolan

35. LIST OF ATTACHMENTS
Logs, Deviation Survey
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
JUL 15 1991
DATE 7-8-91

SIGNED *[Signature]* TITLE Production Supervisor

*(See Instructions and Spaces for Additional Data on Reverse Side)

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			DST #1 6761-6821' (60'): TIMES: 5", 60", 60", 120", 120". RECOVERY: 120' mud (38000) Cl) and 603' formation water (136000 Cl). SAMPLER: 2600 cc formation water (167000 Cl) at 225 psi. Pit mud - 36000 Cl. PRESSURES: IHP 3057, IFP 65-85, ISIP 2822, 3rd FP 83-282, FSIP 2727, FFP 215-392, FHP 3062, BHT 110° F.	Rustler Delaware Cherry Canyon Brushy Canyon Bone Springs	798 4442 5455 7146 8315	