

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

OCT 28 1980

Form C-103
Revised 10-1-73

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.O.S.	
LAND OFFICE	
OPERATOR	1

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG 4347

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement No.
2. Name of Operator Yates Petroleum Corporation	8. Field or Lease Name West Dixon NX State
3. Address of Operator 207 So. 4th St., Artesia, NM 88210	9. Well No. 1
4. Location of Well UNIT LETTER E 1980 FEET FROM THE North LINE AND 660 FEET FROM West THE LINE, SECTION 27 TOWNSHIP 7S RANGE 24E	10. Field and Pool, or VI and Wildcat
15. Elevation (Show whether DF, KT, GR, etc.) 3697' GR	12. County Chaves

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"/>	PLUG 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 OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER Perforate & Treat <input checked="" 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 1103.

TD 5273'- Ran 120 joints of 5-1/2" 14# K-55 LT&C (4987') of casing set at 4987'. 1 diff-fill shoe at 4987'. Used 15 centralizers. DV tool at 3587'. Cemented in 2 stages as follows:
1st Stage: Cemented w/50 sacks 75-25 Poz flush and 340 sacks 50-50 Poz, .3% D-108, .2% D-65, 3# KCL and .1% D-13, PD 10:15 AM 6-16-80. Circulated hole clean. 2nd Stage: Cemented w/50 sacks 75-25 Poz flush, 300 sacks 50-50 Poz .3% D-108, .2% D-65 and 3# KCL. PD 2:00 PM 6-16-80. WOC and tested to 1000 psi, OK. Ran temperature survey and found top of cement at 2430'.
TD 5273'; PBTD 4987'- Rigged up completion unit, installed wellhead and BOP's. Drilled out DV tool at 3587' and cleaned out to bottom. Circulated hole w/2% KCL water, ran correlation and cement bond logs. WIH w/casing gun and perforated 4617-4674 1/2' w/10 .50" holes as follows: 4617, 34 1/2, 37, 42, 45, 54 1/2, 62 1/2, 65 1/2, 73, 74 1/2. WIH w/Guiberson packer, vent assembly, 1.81" profile nipple, and on-off tool on 2-7/8" tubing. Set packer at 4569'. Swabbed with no show oil or gas. Treated perforations 4617-74 1/2' w/1000 gallons 20% acid plus nitrogen and ball sealers. Swabbed dry with no show oil or gas. Pulled tubing, packer and other downhole equipment.
TD 5273'; PBTD 4490' Set CIBP at 4525' and capped w/35' of cement. WIH w/casing gun and perforated 4260-4263' w/6 .50" holes (2 SPF). WIH w/Guiberson Uni VI packer. 1.81" profile nipple and on-off tool on 2-7/8" tubing. Set packer at 4190' and acidized perforations 4260-63' w/1000 gallons 10% acid plus nitrogen and ball sealers. Swabbed well dry w/no shows oil or gas. Pulled tubing, packer and other downhole equipment. (continued)

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

SIGNED W. A. Gressett TITLE Engineer DATE 10-23-80

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE OCT 28 1980

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

Page 2-

West Dixon NX State No. 1 - LG 4347
1980 FNL & 660 FWL, Sec. 27-7S-24E
Chaves County, NM

OCT 23 1980

O. C. R.

AS 104-0711

TD 5273', PBTD 4220' - Set CIPB at 4255' and capped w/35' of cement. WIH w/casing gun and perforated 3375'-3379' w/10 .50" holes. WIH w/Guiberson Uni VI packer, 1.81" profile nipple, and on-off tool on 2-7/8" tubing. Set packer at 3315'. Acidized perforations 3375-79' w/1000 gallons 15% acid plus nitrogen and ball sealers. Swabbed dry with gas shows TSTM. Sand frac'd perfs 3375-79' w/20000 gallons Titan II-30 gel using 44000# sand. Swabbed well-making water and gas TSTM. Loaded hole pulled tubing, packer and other downhole equipment.

TD 5273', PBTD 4220' WIH w/casing gun and perforated 3415-3485' w/10 .50" holes as follows: 3415, 16, 19, 20, 21 and 3481, 82, 83, 84, 85'. WIH w/tubing, packer, and bridge plug. Treated perforations 3481-85' w/1000 gallons 15% acid plus nitrogen and ball sealers. Flowed well back to recover load. Reset packer and retrievable bridge plug at 3402' and 3450', respectively. Started acid treatment and had communications with perforations 3375'-79'. Moved packer up to 3345' and treated perfs 3375-3421' w/1000 gallons 15% acid plus ball sealers. Flowed well back - swabbed. No show oil or gas. Pulled retrievable bridge plug and reran tubing and packer. Set packer at 3345'. Swabbed water with a show of gas. SI waiting on additional completion work.