

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

Form C-105
Revised 11-1-78

5a. Indicate Type of Lease State ☐ Fee ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Form or Lease Name Rio Pénasco JX Com
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat Morrow

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

SEP 21 1978

2. Name of Operator
Yates Petroleum Corporation

3. Address of Operator
207 South 4th Street - Artesia, NM 88210

4. Location of Well
UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM

THE West LINE OF SEC. 35 TWP. 18S RGE. 25E NMPM

County
Eddy

15. Date Spudded 8-16-78	16. Date T.D. Reached 9-14-78	17. Date Compl. (Ready to Prod.) 9-20-78	18. Elevations (DF, RKB, RI, GR, etc.) 3472' GR	19. Elev. Casinghead -
20. Total Depth DTD 9265, LTD 9251'	21. Plug Back T.D. 9190'	22. If Multiple Compl., How Many	23. Intervals Drilled By 0-9265'	24. Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
9002-9026' Morrow

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
CNL/FDC, DLL

27. Was Well Cased
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	355'	17 1/2"	300 sacks	
8-5/8"	24#	1160'	12 1/4"	900 sacks	
4 1/2"	11.6&10.5#	9224'	7-7/8"	495 sacks	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	8986'	8988'

31. Perforation Record (Interval, size and number)
9002-9026' w/96 .50" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
Natural

33. PRODUCTION
Date First Production
9-20-78
Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing
Well Status (Prod. or Shut-in)
SIWOPLC

Date of Test 9-20-78	Hours Tested 24	Choke Size 1/2"	Prod'n. For Test Period	Oil - Bbl. 8400	Gas - MCF 8400	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. 1325#	Casing Pressure Pkr	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 8400	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Will be sold

Test Witnessed By
Harvey Apple

35. List of Attachments
DST's

36. 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.

SIGNED Christine Lombardo TITLE Geol. Secty DATE 9-21-78

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs on the well and a summary of all spectral tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of sectionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
Lower							
T. Anhy	T. Canyon	7588	T. Ojo Alamo	T. Penn. "B"			
T. Salt	T. Strawn	8183	T. Kirtland-Fruitland	T. Penn. "C"			
D. Salt	T. Atoka	8617	T. Pictured Cliffs	T. Penn. "D"			
T. Yates	T. Miss		T. Cliff House	T. Leadville			
T. 7 Rivers	T. Devonian		T. Menefee	T. Madison			
T. Queen	T. Silurian		T. Point Lookout	T. Elbert			
T. Grayburg	T. Montoya		T. Mancos	T. McCracken			
T. San Andres 688	T. Simpson		T. Gallup	T. Ignacio Qtzite			
T. Glorieta 2088	T. McKee		Base Greenhorn	T. Granite			
T. Paddock	T. Ellenburger		T. Dakota				
T. Blinbry	T. Gr. Wash		T. Morrison				
T. Tubb	T. Granite		T. Todillo				
T. Drinkard	T. Delaware Sand		T. Entrada				
T. Abo 4345	T. Boie Springs		T. Wingate				
T. Wolfcamp Ls 5632	T. Mrwr Clastics 8932		T. Chinle				
T. Penn.	T. Chester 9195		T. Permian				
T. Cisco (Bough C)			T. Penn. "A"				

OIL OR GAS SANDS OR ZONES

No. 1, from 9002 to 9026 No. 4, from to
 No. 2, from to No. 5, from to
 No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
 No. 2, from to feet
 No. 3, from to feet
 No. 4, from to feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	560	560	Surface rock				
560	1150	590	Red bed and rock				
1150	2870	1720	Lime and sand				
2870	5621	2751	Lime and shale				
5621	5971	350	Dolomite and chert				
5971	9050	3079	Lime and shale				
9050	9159	109	Sand, chert and shale				
9159	9265	106	Shale and lime				

DRILL STEM TESTS

Yates Petroleum Corporation
Rio Penasco "JX" Com No. 1
660' FSL and 1980' FWL of
Section 35-T18S-R25E
Eddy County, New Mexico

DST #1 - 5670-5745' (Wolfcamp) - TO 30", SI 90", TO 60", SI 120".
TO w/weak blow. No increase. Reop w/fair blow. Continued throughout
test. BHT 132 deg. Recovery 35' formation fluid. Sampler: 0 psi,
1700 cc drilling fluid. Pressures: HP 2689-2741, IFP 52-52, ISIP400,
FFP 52-52, FSIP 681.

DST #2 - 8330-8385' (Strawn) - TO 30", SI 90", TO 90", SI 160". TO
w/strong blow. in 5" had 10# pressure on 1/4" choke. In 30" had 20#
pressure. GTS in 31". Reop w/strong blow. GTS in 2". In 10" had 4#
pressure. In 90" had 15# pressure. BHT 158 deg. Recovered 770' GCDF.
Sampler: 150#, 1200 cc DF. Pressures: HP 4109-4088, IFP 170-212,
ISIP 3787, FFP 255-382, FSIP 3444.

DST #3 - 8915-9050' - TO 20", SI 90", OP 60", SI 120". OP on 3/8"
choke, GTS in 2". 600# = 2.1 MMCFPD in 20". Stabalized at 1450# = 4.8
MMCFPD. Reop on 1/2" choke GTS immediately 750# in 30" stabalized at
1100# = 7.0 MMCFPD. Recovered 90' DM. Sampler: 2300 psi, 2.70 cfg,
1000 cc mud. BHT 156 deg. Pressures: HP 4451-4451, IFP 1656-2619, ISIP
3719, FFP 1817-2298, FISP3696.