

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

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-105
Revised 1-1-89

WELL API NO. 30-025-31378
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. K-1860
7. Lease Name or Unit Agreement Name Atlantic 32 State
8. Well No. #4
9. Pool name or Wildcat Buffalo Queen

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		13. Elevations (DF& RKB, RT, GR, etc.) 3745.5 GL		14. Elev. Casinghead Same	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		15. Total Depth 4560'		16. Plug Back T.D. 4508'	
2. Name of Operator Harvey E. Yates Company		17. If Multiple Compl. How Many Zones? 		18. Intervals Drilled By Rotary Tools 0-TD	
3. Address of Operator P.O. Box 1933, Roswell, N.M. 88202		19. Producing Interval(s), of this completion - Top, Bottom, Name 4428-34 (oa) Queen		20. Was Directional Survey Made No	
4. Well Location Unit Letter F : 1650 Feet From The North Line and 1650 Feet From The West Line Section 32 Township 18S Range 33E NMPM Lea County		21. Type Electric and Other Logs Run PDS/CNS: DLS/MLS: CBL		22. Was Well Cored No	

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	32#	411'	12 1/4"	400 sks	
5 1/2"	17#	4560'	7 7/8"	1650 + 150 sks	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4300' SN	3975' TAC

26. Perforation record (interval, size, and number) 4428-34' (7 holes) .41"	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4428-34'	A/1000 gals 10% NEFE
	4428-34'	F/16,000 gals 25# X-link + 26,000# 16/30 sd

28. PRODUCTION							
Date First Production 10/9/91	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2" x 1 1/2" x 16' Traveling Barrel	Well Status (Prod. or Shut-in) Prod					
Date of Test 10/14/91	Hours Tested 24	Choke Size -	Prod'n For Test Period 105	Oil - Bbl. 105	Gas - MCF 35	Water - Bbl. 21 load	Gas - Oil Ratio 334
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate 105	Oil - Bbl. 105	Gas - MCF 35	Water - Bbl. 21 load	Oil Gravity - API - (Corr.) 35.6 @ 60 deg	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold	Test Witnessed By Cliff Man
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30. List Attachments Logs, C-102, Deviation Survey

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 Ray F. Nokes Printed Name Ray F. Nokes Title Prod Mrg/Eng Date 10/16/91

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate 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

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates 3035
T. 7 Rivers 3516
T. Queen 4198
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. Rustler 1364
T. Bowers 3931
T. Penrose 4426
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 4428 to 4434
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, 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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	1364	1364	Sd, silt, dolo clay				
1364	1730	366	Anhy				
1730	3035	1305	Salt, shale, anhy				
3035	3516	481	Anhy, dolo, sd				
3516	3931	415	Anhy, dolo				
3931	4198	267	Dolo, anhy, sd				
4198	4560	362	Sd, dolo				

OCT 17 1961

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