

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

DEC 7 '89

Form C-105
Revised 1-1-89

CISF
BLM
ST
Bgm

WELL API NO.
30-015-26134

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
647

7. Lease Name or Unit Agreement Name

Resler Yates State

8. Well No.
381

9. Pool name or Wildcat
Artesia-QN-GB-SA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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
Arch Petroleum Inc.

3. Address of Operator
Suite II-A, 777 Taylor St., Fort Worth, Texas 76102

4. Well Location
Unit Letter G: 1884 Feet From The North Line and 1395 Feet From The East Line
Section 32 Township 185 Range 28E NMPM Eddy County

10. Date Spudded 10/19/89 11. Date T.D. Reached 10/23/89 12. Date Compl. (Ready to Prod.) 11/1/89 13. Elevations (DF & RKB, RT, GR, etc.) 3548.6 KB 14. Elev. Casinghead 3541.6

15. Total Depth 2100' 16. Plug Back T.D. 2068 17. If Multiple Compl. How Many Zones? --- 18. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐

19. Producing Interval(s), of this completion - Top, Bottom, Name 2020-2034 KB 1st Grayburg 20. Was Directional Survey Made yes

21. Type Electric and Other Logs Run CNL w/ GR, GBL/CL/GR 22. Was Well Cored no

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4	40.5 J55	400'	14 3/4	350 sx Premt	0
7	23 J55	2100'	9 5/8	345 sx 65/35 PP/POZ	0

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
					2048	

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2021-2033	.370	25	2021-2033	500 gal. 15% MCA
			2021-2033	17,000 gal. 30# gel with
				10,000# 12/20 sand

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
11/2/89		pumping				prod.	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/5/89	24	--		8	TSTM	30	N/A
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
--	--		8	TSTM	30	35.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) vented Test Witnessed By --

30. List Attachments

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 Jim B. Paschall Printed Name Jim B. Paschall Title V.P. Operations Date 12/5/89

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 _____
T. 7 Rivers _____
T. Queen 1582
T. Grayburg 2020
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinbry _____
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. _____
T. _____
T. _____
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. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
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 2020 to 2034 feet 14
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	444	444	Red beds & shale				
444	530	86	Anhydrite & sand				
530	1498		Anhydrite				
1498	2006		Anhydrite & lime				
2006	2012		Sand				
2012	2020		Sand & shale				
2020	2034		Sand				
2034	2069		Lime				

ARTESIA FISHING TOOL COMPANY

P. O. BOX ~~XX~~ PHONE (505) 746-6651

470

ARTESIA, NEW MEXICO 88210

October 31, 1989

Arch Petroleum Company
Suite 2A
777 Taylor St.
Fort Worth, TX 76102

Re: Resler Yates State 381
1847' FNL & 1934' FEL
Sec. 32, T8S, R28E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

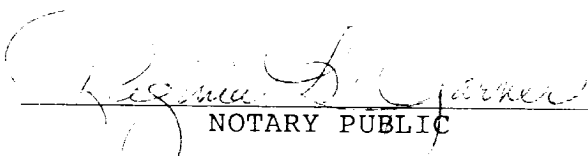
DEPTH	DEVIATION
200'	1/4°
400'	1°
879'	3/4°
1378'	1°
1875'	3/4°
2100'	1°

Very truly yours,


C. E. LaRue
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 31st day
of October, 1989.



NOTARY PUBLIC

