

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
ARTESIA, OFFICE

API #30-005-62596

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

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
V-994

1a. TYPE OF WELL		OIL WELL ☐		GAS WELL ☐		DRY ☒		OTHER P&A							
b. TYPE OF COMPLETION		NEW WELL ☐		WORK OVER ☐		DEEPEN ☐		PLUG BACK ☐		DIFF. RESVR. ☐		OTHER			
2. Name of Operator															
Yates Petroleum Corporation															
3. Address of Operator															
105 South 4th St., Artesia, NM 88210															
4. Location of Well															
UNIT LETTER <u>H</u> LOCATED <u>2290</u> FEET FROM THE <u>North</u> LINE AND <u>1200</u> FEET FROM <u>East</u>															
THE <u>East</u> LINE OF SEC. <u>36</u> TWP. <u>10S</u> RGE. <u>27E</u> HMPM															
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead							
3-17-88		4-8-88		Dry		3698.7' GR									
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By		Rotary Tools		Cable Tools					
7305'		-				0-7305'									
24. Producing Interval(s), of this completion - Top, Bottom, Name										25. Was Directional Survey Made					
DRY										No					
26. Type Electric and Other Logs Run										27. Was Well Cored					
CNL/LDT; DLL/MSFL; LSS										No					
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
None						26"									
13-3/8"		54.5#		350'		17-1/2"		400 SX							
8-5/8"		24#		1553'		12-1/4"		800 SX							
29. LINER RECORD															
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET	
31. Perforation Record (Interval, size and number)															
NONE															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
DEPTH INTERVAL															
AMOUNT AND KIND MATERIAL USED															
33. PRODUCTION															
Date First Production		Production Method (Flowing, gas lift, pumping -- Size and type pump)								Well Status (Prod. or Shut-in)					
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil -- Bbl.		Gas -- MCF		Water -- Bbl.		Gas -- Oil Ratio	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil -- Bbl.		Gas -- MCF		Water -- Bbl.		Oil Gravity -- API (Corr.)			
34. Disposition of Gas (Sold, used for fuel, vented, etc.)												Test Witnessed By			
35. List of Attachments															
Deviation Survey, Logs, 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 <u>James A. D. Hall</u> TITLE <u>Production Supervisor</u> DATE <u>4-21-88</u>															

INSTRUCTIONS

This form is to be filled 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, two 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

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss. 6651	T. Cliff House	T. Leadville
T. 7 Rivers	T. Silurian 6792	T. Menefee	T. Madison
T. Queen	T. Devonian	T. Point Lookout	T. Elbert
T. Grayburg	T. Silurian	T. Mancos	T. McCracken
T. San Andres 1520	T. Montoya	T. Gallup	T. Ignacio Qizte
T. Glorieta 2716	T. Simpson	T. Base Greenhorn	T. Granite
T. Pandock YESO 2796	T. McKee	T. Dakota	T.
T. Blinberry	T. Ellenburger	T. Morrison	T.
T. Tubb	T. Gr. Wash	T. Todilto	T.
T. Drinkard	T. Granite	T. Entrada	T.
T. Abo 4980	T. Delaware Sand	T. Wingate	T.
T. Wolfcamp 5792	T. Bone Springs	T. Chinle	T.
T. Penn. Clastic 6554	T.	T. Permian	T.
T. Cisco (Bough C) 6296	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	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	40	40	Surface, Rock	4854	5040	186	Anhy, Dolo, Sh, Sd
40	1225	1185	Anhy, Redbeds	5040	5480	440	Sh
1225	1560	335	Anhy	5480	5876	396	Sh, Dolo, Anhy
1560	1620	60	Anhy, Dolo, Sh	5876	6654	778	LM, Sh
1620	2100	480	Dolo, Anhy	6654	6800	146	LM, Sh, Cht
2100	2240	140	Dolo	6800	7060	260	Anhy, Cht, Sh
2240	2640	400	LS, Sh	7060	7305	245	Dolo
2640	3710	1070	Dolo, Anhy, Sd, Sh				
3710	4254	544	Anhy, Dolo				
4254	4500	246	Anhy, Dolo, Sd, Sh				
4500	4854	354	Dolo, Anhy				

YATES PETROLEUM CORPORATION

Hadley AFJ State #1, V-994
Unit H, 2290' FNL & 1200' FEL
Sec. 36-T10S-R27E
Chaves County, NM

RECEIVED

APR 22 '88

O. C. D.
ARTESIA, OFFICE

DRILL STEM TESTS:

DST #1 - MISRUN. (Communication around packer.)

DST #2 - 6800-6860' (60') MONTOYA/FUSSLEMAN: On 30 minute preflow had 3 oz in 5 mins; 5 oz in 15 mins; 6 oz in 20 mins (blow to bottom of bucket); 9 oz in 30 mins. SI 60 mins. Reopened with 7 oz; 9 oz in 10 mins; 10 oz in 20 mins; 12 oz in 30 mins; 13 oz in 40 mins; 15 oz in 50 mins; 15 oz in 60 mins. SI 120 mins. Opened 6:20 AM 4-6-88 (for 180" flow) - in 5 mins had weak blow; 2 oz in 20 mins, 4 oz in 20 mins; 7 oz in 30 mins; 8 oz in 35 mins. Did not have GTS. RECOVERY: 121' mud and 91' mud and water, Rw 0.08 at 60°, Cl 83000 ppm. SAMPLER: 0.40 scf gas, 300 cc oil and 1860 cc water, Rw 0.18 at 60°, Cl 28000 ppm at 120 psi. PRESSURES: IHP 3692; 1st IFP 80-369; ISIP 2718; 2nd IFP 376-581; FSIP 2718; 3rd IFP 600-1105; FHP 3648.

DST #3 - 6797-6838' (41') MONTOYA/FUSSLEMAN: TIMES: TO 45", SI 60", TO 60", SI 90", TO 180". SI. Opened tool with weak blow. Had 3 oz in bottom bucket in 40 mins, 5.5 oz in 45 mins. On 2nd open - 7 oz in bubble hose in 15 mins; 7.5 oz in 30 mins; 8 oz in 45 mins; 10 oz in 60 mins. On 3rd open - 7.5 oz in bubble hose in 20 mins; 10 oz in 60 mins; 10.5 oz 9n 80 mins; 12.5 oz in 120 mins, 14 oz in 180 mins. RECOVERY: 280' free gas, 187 gas and slightly oil cut mud, 93' drilling mud cut with formation water, 1486' formation water. SAMPLER .3 cfg, 360 cc oi, 2040 cc water at 110 psi. PRESSURES: (Bottom) IHP 3714; 1st IFP 27-341; ISIP 2704; 2nd IFP 370-484; ISIP 2704; 3rd IFP 494-865; FHP 3675.

DST #4 - 6626-6686' (63'): Opened at 5:56 AM with good blow; 3 mins blow to bottom of bucket; 7 oz in 4 mins; 8 oz in 10 mins; 11 oz in 15 mins; 12-1/2 oz in 25 mins; 13 oz in 30 mins. Closed tool at 6:26 AM. Open at 7:26 AM. RECOVERY - 103' drilling mud (.50 bbls), Res. .06 at 72°, Cl 138000. SAMPLER: .1 cfg, 0 oil, 0 water, 2400 cc drilling mud. Res. .06 at 72°, Cl 138000. Pit mud: Res. .06 at 72°, Cl 138000. Sampler psi 55. PRESSURES: (Bottom) IHP 3656, IFP 74-74; ISIP 313; 2nd FP 74-74; 2nd SIP 313; FFP 74-84; FHP 3656. Note: Information from field report.

DST #5 - 5842-5768' (74') WOLFCAMP: TIMES: TO 30", SI 60", TO 60", SI 120". TO 120". Opened tool with good blow, bottom of bucket in 30 seconds. Had 3.5# in 15 mins and stabilized throughout initial open. On 2nd open - had strong blow, 2#; 2# in 10 mins; 2# in 30 mins; 7 oz in 45 mins; 5 oz in 60 mins. On 3rd open - 3.5 oz in 15 mins; 3.5 oz in 40 mins; 2.5 oz in 70 mins, 2 oz in 80 mins; 1 oz in 100 mins; 1 oz in 120 mins. RECOVERY: 40' drilling mud. SAMPLER: .13 cfg, 0 oil, 0 water, 1520 cc mud at 45 psi. PRESSURES: (Bottom). IHP 3171; IFP 74.9-74.9; ISIP 161; 2nd FP 86-94; SI 170; 3rd FP 94-103; FHP 3152