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

Revised 11-1-78

RECEIVED

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
L-3647

Bus. of Mines 1

1a. TYPE OF WELL	OIL WELL ☐	GAS WELL ☒	DRY ☐	OTHER ☐	AUG - 7 1978	
b. TYPE OF COMPLETION	NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Siegreest JS St. Com
9. Well No.
1
10. Field and Pool, or Wildcat
Wildcat Morrow

2. Name of Operator
Yates Petroleum Corporation
3. Address of Operator
207 South 4th Street - Artesia, NM 88210
4. Location of Well

UNIT LETTER	C	LOCATED	660	FEET FROM THE	North	LINE AND	1980	FEET FROM
THE	West	LINE OF SEC.	30	TWP.	19S	RGE.	24E	NMPM

12. County
Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RAB, RT, GR, etc.)	19. Elev. Casinghead	
5-31-78	7-20-78	7-28-78	3813' GR		
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
8643'	WL 8549'			0-8643'	
24. Producing Interval(s), of this completion - Top, Bottom, Name					25. Was Directional Survey Made
8435-8462' Morrow					No
26. Type Electric and Other Logs Run					27. Was Well Cored
CNL/FDC, DLL					No

28. 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#	227'	17 1/2"	210 sacks	
8-5/8"	24#	914'	12 1/4"	910 sacks	
5 1/2"	17# & 15.5#	8602'	7-7/8"	550 sacks	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	8412'	8418'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	Natural	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
7-28-78		Flowing				SIWOPLC	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7-28-78	1	1/2"		TSTM	113		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
440	Pkr		TSTM	2700		26	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Will be sold	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	TITLE	DATE
Christine Tomlinson	Geol. Secty	8-4-78

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 one copy of all electrical and radioactivity logs in 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 30 through 34 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			Northwestern New Mexico		
Lower					
T. Anhy	T. Canyon	7080	T. Ojo Alamo	T. Penn. "B"	
T. Salt	T. Strawn	7689	T. Kirtland-Fruitland	T. Penn. "C"	
B. Salt	T. Atoka	8122	T. Fictured 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	T. Simpson		T. Gallup	T. Ignacio Qtzte	
T. Glorieta	T. McKee		Base Greenhorn	T. Granite	
T. Paddock	T. Ellenburger		T. Dakota		
T. Blinbry	T. Gr. Wash		T. Morrison		
T. Tubb	T. Granite		T. Todilto		
T. Drinkard	T. Delaware Sand		T. Entrada		
T. Abo	T. Bone Springs		T. Wingate		
T. Wolfcamp	T. Morrow	8304	T. Chinle		
T. Penn.	T. Chester	8590	T. Permian		
T. Cisco (Boyer/Cy)		6140	T. Penn. "A"		

OIL OR GAS SANDS OR ZONES					
No. 1, from	8435	to	8462	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	498	498	Surface and rock				
498	914	416	Rock & red bed				
914	3623	2709	Anhydrite				
3623	5170	1547	Lime and shale				
5170	5925	755	Shale				
5925	6920	995	Lime and shale				
6920	7428	508	Shale				
7428	8643	1215	Lime and shale				

DRILL STEM TESTS

Yates Petroleum Corporation
Siegreest "JS" State Com #1 Lease # L-3647
Section 30-19S-24E, Eddy County, New Mexico

DST #1 - 6180-6340'. TO 30", SI 90", OP 60", Op w/weak blow, increased to good blow. Reop w/good blow. Recovered: 540' of DF. Sampler 0#. BHT 118 deg. Pressures: HP 2885-2822, IFP 213-239, ISIP 2275, FFP 239-319. No FSIP - could not close tool.

DST #2 - 8310-8345'. TO 30", SI 90", OP 60", SI 120". TO w/good blow. Opened on 3/8" choke, GTS in 2" 300# and increased to 1000# in 30". Reopened tool on 3/8" choke in 15" 1000#, 30" 1200#, 45" 1250#. Recovered 150' GCM. Sampler 1700#, 11.5 cu ft gas. BHT 140 deg. Pressures: HP 3971-3918, IFP 709-1485, ISIP 3172, FFP 797-1680, FSIP 3136.

DST #3 8357-8420'. TO 30", SI 90", OP 60", SI 180". TO w/fair blow, 15" 1#, 30" 1½#. Reop w/strong blow 3/8" choke 1/2#. Recovered: 90' mud. Sampler: 40 psi, no fluid. BHT 138 deg. Pressures: HP 4018-4035, IFP 53-53, ISIP 995, FFP 53-70, FSIP 1610.

DST #4 8420-8643'. TO 30", SI 90", TO 90", SI 180". TO w/fair blow, increasing to strong blow. GTS in 9" on 1/4" choke, 680#. Reop w/strong blow. GTS immediately. Press increasing to 1150 psi in 1 hr on 1/4" choke. Fluid surfaced 1 hr into final flow. Recovered: 850' of GCM. Sampler: 1200 psi, 8.727 CFG, no fluid. Pressures: IHP 4097-4007, IFP 498-1097, ISIP 3261, FFP 710-1398, FSIP 3225. BHT 142 deg.