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

Form C-105
Revised 11-1-80

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

6. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☒
DRY ☐	OTHER ☐
7. TYPE OF COMPLETION	
REPERFORATED ☒	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐
8. Name of Operator	
Artesia Petroleum Corporation	
Address of Operator	
207 South 4th St., Artesia, NM 88210	
Location of Well	

7. Unit Agreement Name
8. Farm or Lease Name
Buffalo Wallow LA Com
9. Well No.
1
10. Field and Pool, or Wildcat
Undesignated Atoka

WELLER H LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM

SECTION 21 TWP. 9S RGE. 32E NMPM

14. Date Drilled	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
1-4-81	12-2-80	1-24-81	4359.8' GR	
20. Casing Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	24. Rotary Tools
11460'	11465'		0-11900'	Cable Tools
25. Was Directional Survey Made				No
26. Electric and Other Logs Run				27. Was Well Cored
CNL/FDC; CLL				No

CASING RECORD (Report all strings set in well)

PIPE SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	348'	17-1/2"	350	
8-5/8"	24 & 32#	3614'	12-1/4"	1685	
4-1/2"	11.5 & 13.6#	11900'	7-7/8"	485	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	11209'	11209'

28. Completion Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11412-11420' w/32 .34" holes	592d	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11725-11734' w/10 .34" holes	CLBP @ 11500	11412-420'	w/1000 g. 7-1/2% MS acid & N ₂
11442-11246' w/16 .34" holes	*	11725-734'	w/1000 g. DS-30 & N ₂ + ball seal

PRODUCTION

29. Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
1-24-81		Flowing		SIWOPLC	
30. Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
1-24-81	6	1/2"		-	141
31. Flowing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
807	Packer		-	564	-
33. Disposition of Gas (Sold, used for fuel, vented, etc.)				Test Witnessed By	
Vented - will be sold				Harvey Apple	

34. Attachments
Deviation Survey, DST's

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.

NAME Harvey Apple TITLE Engineering Secretary DATE January 28, 1981

4m

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 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 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

T. Anhy _____ 1714	T. Canyon _____ 9991	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn (?) _____ 10609	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____ 11153	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2291	T. Miss _____ 11598	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2963	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3523	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____ 4938	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____ 5252	T. Ellenburger _____	T. Dakota _____	T. _____
T. Clear Fork _____ 5723	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6437	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7322	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 8403	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 9590	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	348	348	Surface, Gravel, Red Beds				
348	1649	1301	Red Beds				
1649	2338	689	Anhydrite & Red Beds				
2338	3614	1276	Anhydrite				
3614	4508	894	Lime				
4508	5218	710	Lime & Dolomite				
5218	5657	439	Dolomite				
5657	5975	318	Dolomite, Shale				
5975	6455	480	Dolomite				
6455	6985	530	Dolomite, Lime				
6985	7282	297	Lime				
7282	7378	96	Dolomite & Shale				
7378	8378	1000	Shale				
8378	9768	1390	Lime & Shale				
9768	9934	166	Shale				
9934	11900	1966	Lime & Shale				

DRILL STEM TESTS

Yates Petroleum Corporation
Buffalo Wallow "LA" Com #1
Unit H, 1980 FNL & 660 FEL
Section 21-9S-32E
Lea County, New Mexico

DST #1 - 11374-11543' - Misrun.

DST #2 - 11374-11560': TO 30", SI 60", TO 60", SI 151". Opened tool w/weak blow, no GTS. Reopened tool w/weak blow. No GTS. Had 2000' of water blanket. Sample Chamber: 90' of mud. Pressures: HP 5966-5876; IFP 917-917; ISIP 2426; FFP 959-595; FSIP 3054.

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Yates Petroleum Corporation ADDRESS 207 South 4th, Artesia, NM 88210FIELD _____ LEASE Buffalo Wallow NH Com. WELL NO. 1LOCATION Section 21, T-9-S, R-32-E

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
1 348	1/2	6305	1				
2 824	1/2	6797	1/2				
3 1312	3/4	7292	1				
4 1816	1	7790	1-1/4				
5 2314	3	8280	1-1/2				
6 2438	2	8368	1-3/4				
7 2625	3	8856	1-3/4				
8 2750	2-1/4	9350	2-1/4				
9 2875	2-1/2	9594	1-1/4				
10 3125	2-1/2	10,071	1-1/4				
11 3432	3/4	10,568	1-1/2				
12 3614	1-1/2	10,639	2				
13 3811	3/4	11,129	2-3/4				
14 4310	3/4	11,543	3				
15 4804	1/2	11,900	2-1/4				
16 5307	1/2						
17 5806	3/4						

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Signature

The Ard Drilling Company, Inc.
CompanySTATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared Dean Sims, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Signature

Drilling Superintendent
TitleSworn and Subscribed to before me, this the 9th day of December, 19 80

Jan G. Brewer
Notary Public in and for Midland County,
Texas, Jan G. Brewer

My Commission Expires:

9-10-84