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LAND OFFICE	
OPERATOR	

Form C-105
Revised 1-1-65

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
K-6272 & B-399-35

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

2. Name of Operator
Delaware Apache Corporation

8. Farm or Lease Name
State "19"

3. Address of Operator
1720 Wilco Bldg., Midland, Texas 79701

9. Well No.
1

4. Location of Well

10. Field and Pool, or Wildcat
Undesignated

UNIT LETTER **1** LOCATED **660** FEET FROM THE **East** LINE AND **1980** FEET FROM



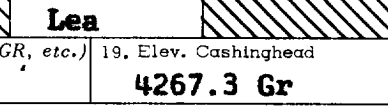
THE **South** LINE OF SEC. **19** TWP. **13-S** RGE. **33 E** MPM

12. County
Lea

15. Date Spudded **9-24-68** 16. Date T.D. Reached **10-18-68** 17. Date Compl. (Ready to Prod.) **10-23-68** 18. Elevations (DF, RKB, RT, GR, etc.) **4267.3 Gr.** 19. Elev. Casinghead **4267.3 Gr**

20. Total Depth **9815'** 21. Plug Back T.D. **9795** 22. If Multiple Compl., How Many **-** 23. Intervals Drilled By Rotary Tools **0-9815** Cable Tools **0**

24. Producing Interval(s), of this completion - Top, Bottom, Name
9734-9747' Bough C.



25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Acoustic velocity, micro log, neutron Pdc

27. Was Well Cored
No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4" OD	42#	358'	15"	325 sk class C	None
8-5/8" OD	24# & 32#	4100'	11"	400 sk class C	None
5 1/2" OD	17#	9815'	7-7/8"	400 sk class C	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None							

31. Perforation Record (Interval, size and number)
9734-36'
9739-40'
9743-47'
Gamma Pdc measurements

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9734-36'	500 gal 15% MCA acid
9739-40'	
9743-47'	

33. PRODUCTION

Date First Production **10-23-68** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Prod**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-24-68	24	15/64"	→	285	411	0	1441:1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
650#	Packer	→	300	500	0	42.4 @ 60

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By **R. Reeves**

35. List of Attachments
Drill stem test information and acoustic velocity log

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 **Roy H. Reeves** TITLE **District Production Foreman** DATE **10-25-68**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 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

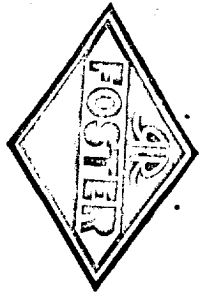
Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1675	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 _____ 2530	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3440	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3975	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5400	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6810	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7570	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 8928	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 9610	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
2530	2680		Yates				
3440	3975		Queen				
3975	5400		S. Andres				
5400	5510		Glorietta				
6810	6945		Tubb				
6945	7570		L. Clearfork				
7570	8928		Abo				
8928	9610		Wolfcamp				
9610	TD		Penn				



FOSTER TESTERS, INC.
ODESSA, TEXAS

TEST TICKET NO. 8498
ORDER NO.
DATE OCTOBER 17, 1968

COMPANY APACHE OIL CORPORATION LEASE STATE 19 WELL NO. 1 TEST NO. 1
FIELD BAUM COUNTY LEA STATE NEW MEXICO DISTRICT HOBBS
MAIL CHARTS TO APACHE OIL CORPORATION, 1720 WILCO BUILDING, MIDLAND, TEXAS 79701
MAIL INVOICE TO SAME TOWNSHIP 13 SO.
RANGE 33-EAST

FORMATION TESTED

INTERVAL TESTED 9,719' TO TOTAL DEPTH 9,754' Packer Depth 9,719' MAIN HOLE 7 7/8"

DRILL PIPE 4" H90-3.826" ID TO 4" H90-2 1/4" ID Packer Type BT SIZE 6 5/8" NUMBER

TIME PACKER SET 2:08 A.M. X P.M. PACKER SET 1 HOUR 54 MINUTES

TIME TOOL OPEN 2:10 A.M. X P.M. TOOL OPEN 1 HOUR 20 MINUTES

INITIAL SHUT IN - HOURS 30 MINUTES FINAL SHUT IN 1 HOUR 20 MINUTES

RECORDER TYPE AK-1 CAPACITY 8,000#-9,500# NUMBER: TOP 1261 BOTTOM 1645

TOP RECORDER DEPTH 9,744' BOTTOM RECORDER DEPTH 9,749'

TOP CLOCK NUMBER 8977 BOTTOM CLOCK NUMBER 8979

FOUR STAGE SHUT IN TOOL YES NO X MAXIMUM TEMPERATURE 8.7 PACKER HOLD YES X NO REVERSED OUT X YES NO

MUD TYPE GEL MUD WEIGHT 35 VISCOSITY 5/8" DIR TOOL PLUGS NO FLUID CUSHION NO WATER LOSS 9.6CC

CHOKER SIZE . TOP YES YES STRADDLE TEST - CASING TEST - MISS RUN -

CONVENTIONAL TEST YES YES ROTARY JAR YES SAFETY JOINT YES

SECOND ASSEMBLY YES YES SURFACE ACTION YES YES

SAMPLER YES YES FFE FLOW TOOL YES CIRC. SUB YES

RECOVERY TOOL OPENED WITH STRONG BLOW, GAS TO SURFACE IN 2 MINUTES.

REMARKS 20' SALT WATER BELOW CIRCULATING SUB.
CONTENTS OF SAMPLER: 2,000 CC. OF OIL AND GAS OUT WATER.
CHLORIDES 15,000 P.P.M. RESISTIVITY 0.44 AT 70° F.
PRE FLOW 4 MINUTES. 330' TOTAL DRILL COLLAR LENGTH.

TESTER FRANK WILLIAMS TEST APPROVED BY EARL E. GAERTNER

	RECORDER NO.	RECORDER NO.	RECORDER NO.	RECORDER NO.
A	INITIAL HYDROSTATIC PRESSURE	1645		
B	INITIAL SHUT IN PRESSURE	4718 P.S.I.		
C	INITIAL FLOW PRESSURE	2785 P.S.I.		
D	FINAL FLOW PRESSURE	2519 P.S.I.		
E	FINAL SHUT IN PRESSURE	2606 P.S.I.		
F	FINAL HYDROSTATIC PRESSURE	2781 P.S.I.	4718 P.S.I.	

FOSTER TESTERS, INC.
Odessa, Texas

DRILL STEM TEST PRESSURE BREAKDOWN RESULTS

TEST DATE 10-17-68 RECORDER NO. 1645 CAPACITY 8,000# CLOCK NO. 8979 TICKET NO. 8498
 TYPE RECORDER AK-1 TOP OR BOTTOM RECORDER BOTTOM RECORDER DEPTH 9,749' OTHER _____

Initial flow time: 4 min. ISIP time: 30 min. Flow Period Time: 20 min. FSIP time: 60 min. Packer Set: 116 min

INITIAL SHUT IN

FLOW PERIOD

FINAL SHUT IN

Press. Point Δt , min.	$t_c + \Delta t$	Pressure PSIG	Press. Point min.	Pressure PSIG	Press. Point Δt , min.	$t_c + \Delta t$	Pressure PSIG	Press. Point Δt , min.	$t_c + \Delta t$	Pressure PSIG
0		2475			0		2606	93		
1		2765			6		2762	96		
6		2781			12		2770	99		
9		2785			18		2773	102		
12		2785			24		2777	105		
15		2785			30		2781	108		
18		2785			36		2781	111		
21		2785			42		2781	114		
24		2785			48		2781	117		
27		2785			54		2781	120		
30		2785			60		2781			
33					66					
36					69					
39					72					
42					75					
45					78					
48					81					
51					84					
54					87					
57					90					
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REMARKS: