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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

1a. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name State "19"	
2. Name of Operator Delaware - Apache Corporation				9. Well No. 2	
3. Address of Operator 1720 Wilco Building, Midland, Texas 79701				10. Field and Pool, or Wildcat Lazy J Penn Ext	
4. Location of Well				12. County Lea	
UNIT LETTER A LOCATED 660 FEET FROM THE north LINE AND 660 FEET FROM THE east LINE OF SEC. 19 TWP. 13-S RGE. 33-E NMPM					
15. Date Spudded 11-11-68	16. Date T.D. Reached 12-11-68	17. Date Compl. (Ready to Prod.) 12-23-68	18. Elevations (DF, RKB, RT, GR, etc.) 4281 GR	19. Elev. Casinghead 4281	
20. Total Depth 10,324	21. Plug Back T.D. 10,292	22. If Multiple Compl., How Many --	23. Intervals Drilled By 0 - 10,324	25. Was Directional Survey Made No	
24. Producing Interval(s), of this completion - Top, Bottom, Name 9669 - 9685; 9712 - 9717; 9731 - 9738; Bough				27. Was Well Cored No	
26. Type Electric and Other Logs Run Sidewall neutron & Laterolog					
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"	42#	350	15"	400 sk Class C	None
8 5/8"	24 & 32#	4,100	11"	400 sk Class C	None
5 1/2"	17#	10,324	7 7/8"	500 sk Class C	None
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
None					
31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
9669 - 85 (16 holes)			DEPTH INTERVAL		
9712 - 17 (5 holes)			AMOUNT AND KIND MATERIAL USED		
9731 - 38 (7 holes)			9669 - 85 2000 gal. 15% MEC Acid		
			9712 - 17		
			9731 - 38		
33. PRODUCTION					
Date First Production 12-25-68		Production Method (Flowing, gas lift, pumping - Size and type pump) Flow			Well Status (Prod. or Shut-in) Prod.
Date of Test 12-26-68	Hours Tested 24	Choke Size 20/64"	Prod'n. For Test Period 275	Oil - Bbl. 424.8	Water - Bbl. 5
Flow Tubing Press. 425#	Casing Pressure Packer	Calculated 24-Hour Rate 275	Oil - Bbl. 424.8	Gas - MCF 5	Gas - Oil Ratio 1545:1
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			Test Witnessed By Roy H. Reeves		
35. List of Attachments Drill stem test info and Neutron Porosity 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 December 30, 1968		

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

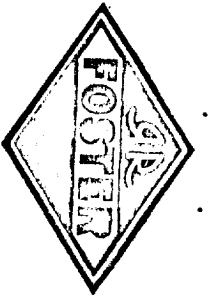
Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1650	T. Canyon	10286	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	2560	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian		T. Menefee	T. Madison
T. Queen	3460	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya		T. Mancos	T. McCracken
T. San Andres	3992	T. Simpson		T. Gallup	T. Ignacio Qtzte
T. Glorieta		T. McKee		Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger		T. Dakota	T.
T. Blinebry		T. Gr. Wash		T. Morrison	T.
T. Tubb	6932	T. Granite		T. Todilto	T.
T. Drinkard	6958	T. Delaware Sand		T. Entrada	T.
T. Abo	7590	T. Bone Springs		T. Wingate	T.
T. Wolfcamp	8890	T.		T. Chinle	T.
T. Penn.		T.		T. Permian	T.
T. Cisco (Bough C)	9774	T.		T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1650	2550		Anhy, salt, sh.				
2560	3460		Sand, anhy, dol.				
3460	3992		LS, anhy, salt, sh.				
3992	6932		Dol, lm, anhy.				
6932	6958		Sand				
6958	7590		Dol, lm, anhy.				
7590	8890		Shale, anhy, Dol.				
8890	9774		Lime, shale				
9774	10286		Lime, shale				
10286	TD		Shale & lime				



FOSTER TESTERS, INC.
ODESSA, TEXAS

TEST TICKET NO. 8619
ORDER NO.
DATE DECEMBER 4, 1963

COMPANY APACHE CORPORATION LEASE STATE 19 WELL NO. 2 TEST NO. 1
FIELD BAUM COUNTY LEA STATE NEW MEXICO DISTRICT HOBBS
MAIL CHARTS TO APACHE CORPORATION, 1720 WILCO BLDG. MIDLAND, TEXAS 79701
MAIL INVOICE TO SAME

660' FNL 660' FEL SEC 19-13-33

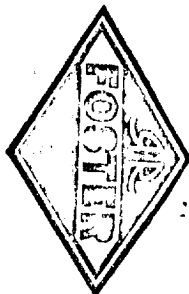
FORMATION TESTED	-	TOTAL DEPTH	9,687'	PACKER DEPTH	9,660'	MAIN HOLE	7 7/8"				
INTERVAL TESTED	9,660'	TO	9,687'	ANCHOR LENGTH	27'						
DRILL PIPE	4"H90-3.80" ID	DRILL COLLARS	4 1/2"H90-2.25" ID	PACKER TYPE	BT	SIZE	6.5/8" NUMBER 2				
TIME PACKER SET	4:33	A.M.	P.M.	X	PACKER SET	5	HOURS	44			
TIME TOOL OPEN	4:35	A.M.	P.M.	X	TOOL OPEN	3	HOURS	17			
INITIAL SHUT IN	-	HOURS	45	MINUTES	FINAL SHUT IN	1	HOURS	30			
RECORDER TYPE	AK-1	CAPACITY	6,000#	NUMBER	TOP	1482	BOTTOM	1261			
TOP RECORDER DEPTH	9,683'	BOTTOM RECORDER DEPTH	9,685'								
TOP CLOCK NUMBER	8979	BOTTOM CLOCK NUMBER	6758								
FOUR STAGE SHUT IN TOOL YES	NO	X	MAXIMUM TEMPERATURE	1640	PACKER HOLD YES	X	NO	REVERSED OUT	X	YES	NO
MUD TYPE	-	MUD WEIGHT	8.6	VISCOSITY	36	FILTER CAKE	1/32	WATER LOSS	12.6cc		
CHOKE SIZE - TOP	1" ADJ.	BOTTOM	5/8"	DIP TOOL PLUG	NO	FLUID CUSHION	-	KIND	-		
CONVENTIONAL TEST	YES	STRADDLE TEST	-	CASING TEST	-	MISC RUN	-				
SECOND ASSEMBLY	YES	ROTARY JAR	YES	SAFETY JOINT	YES						
SAMPLER	YES	FREE FLOW TOOL	YES	CIRC. SUB	YES						
SURFACE ACTION	OPENED WITH A STRONG BLOW GAS TO SURFACE IN 7 MINUTES. MUD-TO SURFACE IN 1 HR & 15 MINUTES. OIL IN 1 HR & 17 MINUTES. FLOWED TO TANK FOR 2 HOURS. OIL GRAVITY 42 AT 56°F. FLOW PERIOD GAS RATES BEGINNING 229,000 CFPD. MIDDLE 336,000 CFPD. FLOWED & REVERSED OUT 57 BBLS OIL IN TANK. 90' OIL & GAS OUT MUD BELOW CIRCULATING SUB. LOST FLUID IN SAMPLER WORKING TOOL OFF BOTTOM. 10 MINUTE PRE FLOW. 27' PERFORATION. 390' TOTAL DRILL COLLARS.										
RECOVERY											
REMARKS											

TESTER B. E. DAVIS

TEST APPROVED BY EARL GAERTNER

	RECORDED NO.	RECORDED NO.	RECORDED NO.	RECORDED NO.
A	INITIAL HYDROSTATIC PRESSURE	1261		
B	INITIAL SHUT IN PRESSURE	4476	P.S.I.	P.S.I.
C	INITIAL FLOW PRESSURE	3449	P.S.I.	P.S.I.
D	FINAL FLOW PRESSURE	387	P.S.I.	P.S.I.
E	FINAL SHUT IN PRESSURE	1176	P.S.I.	P.S.I.
F	FINAL HYDROSTATIC PRESSURE	3079	P.S.I.	P.S.I.
		4468	P.S.I.	P.S.I.

Bob Boren



FOSTER TESTERS, INC.

ODDESA, TEXAS

TEST TICKET NO. 8620

ORDER NO.

DATE DECEMBER 6, 1968

COMPANY APACHE CORPORATION LEASE STATE 19 WELL NO. 2 TEST NO. 2

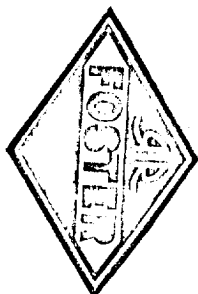
FIELD BAUM COUNTY LEA STATE NEW MEXICO DISTRICT HOBBES

MAIL CHARTS TO APACHE CORPORATION, 7120 WILCO BLDG. MIDLAND, TEXAS 79701

MAIL INVOICE TO SAME

FORMATION TESTED	-	TOTAL DEPTH	9,768'	PACKER DEPTH	9,703'	WAIN HOLE	7 7/8"
INTERVAL TESTED	9,703'	TO	9,768'	ANCHOR LENGTH	65'		
DRILL PIPE	4 1/2" H90-3.80" ID	DRILL COLLAR	4 1/2" H90-2.25" ID	PACKER TYPE	BT	SIZE	6 5/8" NUMBER 2
TIME PACKER SET	3:06	A.M. X P.M.		PACKER SET	5	HOURS	12
TIME TOOL OPEN	3:08	A.M. X P.M.		TOOL OPEN	2	HOURS	30
INITIAL SHUT IN	1	HOURS		MINUTES			
RECORDER TYPE	AK-1	CAPACITY	6,000#-9,500#	NUMBER: TOP	1482	BOTTOM	1261
TOP RECORDER DEPTH	9,763'			BOTTOM RECORDER DEPTH	9,768'		
TOP CLOCK NUMBER	6758			BOTTOM CLOCK NUMBER	8979		
FOUR STAGE SHUT IN TOOL YES	NO	X	MAXIMUM TEMPERATURE	165°	PACKER HOLD YES	X	NO
MUD TYPE	SALT GEL	MUD WEIGHT	8.8	VISCOSITY	37	FILTER CAKE	1/32 WATER LOSS 11.2cc
GROUT SIZE - TOP	1"	POTENTIAL	5/8"	DID TOOL PLUG	NO	FLUID CEMENT	-
CONVENTIONAL TEST	YES	STRADEBLE TEST	-	CASING TEST	-	MISC RUN	-
SECOND ASSEMBLY	YES	ROTARY JAR	YES	SAFETY JOINT	YES		
SAMPLER	YES	FREE FLOW TOOL	YES				
SURFACE ACTION	TOOL OPENED WITH GOOD BLOW INCREASING TO STRONG. GAS TO SURFACE IN 8 MIN. CIL TO SURFACE IN 30 MIN. ON FLOW PERIOD FLOWED IN TANK 18 BBL. 1ST HOUR, 8 BBL. 2ND HOUR, UNLOADED 20 BBL. DURING FINAL SHUT IN, REVERSED OUT 12 BBL. RECOVERY: 1500' GAS & OIL OUT MUD. 32 BBL. FREE OIL. OIL GRAVITY 41 AT 46°F. FLOW PERIOD GAS RATES BEGINNING 1,000,000 CFPD. MIDDLE FLOWED, END FLOWED.						
REMARKS	SAMPLER CONTENTS: 1 CU. FT. GAS & 1000 CC FREE OIL.						
	10 MINUTE PRE FLOW. 35' PERFORATION. 411' TOTAL DRILL COLLAR LENGTH.						
TESTER	CHUCK SLACK	TEST APPROVED BY	EARL GAERTNER				

	RECORDED NO.	RECORDED NO.	RECORDED NO.	RECORDED NO.
A	INITIAL HYDROSTATIC PRESSURE	1482		
B	INITIAL SHUT IN PRESSURE	4554	P.S.I.	P.S.I.
C	INITIAL FLOW PRESSURE	3255	P.S.I.	P.S.I.
D	FINAL FLOW PRESSURE	779	P.S.I.	P.S.I.
E	FINAL SHUT IN PRESSURE	1739	P.S.I.	P.S.I.
F	FINAL HYDROSTATIC PRESSURE	2593	P.S.I.	P.S.I.
		4551	P.S.I.	P.S.I.



FOSTER TESTERS, INC.
ODESSA, TEXAS

TEST TICKET NO. 2618
ORDER NO. _____
DATE DECEMBER 7, 1968

COMPANY APACHE CORPORATION LEASE STATE 19 WELL NO. 2 TEST NO. 3
FIELD BAUM COUNTY LEA STATE NEW MEXICO DISTRICT HOBBS
MAIL CHARTS TO 1720 WILCO BUILDING, MIDLAND, TEXAS 79701
MAIL INVOICE TO SAME

FORMATION TESTED	9776'	TOTAL DEPTH	9788'	PACKER DEPTH	9776'	WIRE HOLES	7 7/8"
INTERVAL TESTED	4"H90-3.240"ID	TO	9788'	ANCHOR LENGTH	12'	SAT HOLES	
DRILL PIPE	6"48	DRILL COLLAR	4 1/2"H90-2 1/2"ID	PACKER TYPE	BT	SIZE	6 5/8" NUMBER 2
TIME PACKER SET	6:50	A.M. X P.M.	PACKER SET	3	HOURS	10	MINUTES
TIME TOOL OPEN	6:50	A.M. X P.M.	TOOL OPEN	#1--45 MIN	HOURS	#2--45 MIN	MINUTES
INITIAL SHUT IN	-	HOURS	30	MINUTES	FINAL SHUT IN	#1--45 MIN	MINUTES
RECORDER TYPE	AK-1	CAPACITY	8000-6000#	NUMBER: TOP	1483	BOTTOM	1645
TOP RECORDER DEPTH	9753'	BOTTOM RECORDER DEPTH	9783'	TOP CLOCK NUMBER	8977	BOTTOM CLOCK NUMBER	6253
FOUR STAGE SHUT IN TOOL YES	X	NO	MAXIMUM TEMPERATURE	PACKER HOLD YES	X	NO	REVERSED CUT YES X NO
MUD TYPE	GFI	MUD WEIGHT	8.8	VISCOSITY	40	FILTER CAKE	1/32 WATER LOSS 11.8cc
CHOKE SIZE - TOP	1"	BOTTOM	5/8"	DIP TOOL PLUG	NO	FLUID CUSHION	NO
CONVENTIONAL TEST YES		STRADDLE TEST		CASING TEST		WELD RUN	
SECOND ASSEMBLY YES		ROTARY JAR YES		SAFETY JOINT YES		CIRC. SUB	
SAMPLER YES		FREE FLOW TOOL YES					
SURFACE ACTION	TOOL OPENED WITH FAIR BLOW DECREASING TO WEAK BLOW THROUGHOUT TEST						
RECOVERY	15' DRILLING FLUID						
	2000cc DRILLING FLUID IN SAMPLER						
REMARKS	10 MINUTE PRE-FLOW. 390' TOTAL DRILL COLLAR LENGTH.						
TESTER	FRANK WILLIAMS	TEST APPROVED BY	ELTON E. GARDNER				

	RECORDER NO.	RECORDER NO.	RECORDER NO.	RECORDER NO.
A	INITIAL HYDROSTATIC PRESSURE	1645		
B	INITIAL SHUT IN PRESSURE	P.S.I.	4618	P.S.I.
C	INITIAL FLOW PRESSURE	B2	138	P.S.I.
D	FINAL FLOW PRESSURE	C2	82	P.S.I.
E	FINAL SHUT IN PRESSURE	D2	82	P.S.I.
F	FINAL HYDROSTATIC PRESSURE		118	P.S.I.
			4606	P.S.I.