

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

Revised 1/8/76 RECEIVED

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
LG 2727

7. Unit Agreement Name
8. Farm or Lease Name
State LG2727

9. Well No.
1
10. Field and Pool, or Wildcat
Undesignated Morrow

12. County
Eddy

15. Date Spudded
11/13/75
16. Date T.D. Reached
12/28/75
17. Date Compl. (Ready to Prod.)
P+A -1-1-76
18. Elevations (DF, RKB, RT, GR, etc.)
3339' GR
19. Elev. Casinghead
-

20. Total Depth
10,700'
21. Plug Back T.D.
-
22. If Multiple Compl., How Many
-
23. Intervals Drilled By
Rotary Tools
0-10,700'
24. Producing Interval(s), of this completion - Top, Bottom, Name
None- P&A
25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
GR FDC-CNL, DIL
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
13 3/8"	48#	373'	17"	Circ.	-
8 5/8"	32#	2293'	11"	Circ.	-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

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
None	

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

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 R E Wood TITLE Division Production Mrg. DATE 1/8/76

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

Bar 1/1/76 1

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

2. Name of Operator
Cotton Petroleum Corporation

3. Address of Operator
816 Bldg. of the Southwest, Midland, Texas

4. Location of Well
UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM

THE East LINE OF SEC. 10 TWP. 21-S RGE. 25-E NMPM

15. Date Spudded
11/13/75
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12/28/75
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P+A -1-1-76
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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 <u>65</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>9,000'</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka <u>9,500'</u>	T. Pictured 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. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand <u>1,800'</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs <u>3,550'</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>7,500'</u>	T. Morrow <u>10,100'</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Capitan <u>908'</u>	T. Permian _____	T. _____
T. Cisco (Bough C) <u>8,300'</u>	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	65	65	fill				
65	908	843	anhy-Sh-sd				
908	1820	912	dolo & ls Capitan				
1820	3481	749	Sh-Sd Delaware				
3481	7217	3736	Ls w/Sd zones B. Spg.				
7217	7463	243	Sd 3rd BS Sd				
7463	8521	1058	Int bed li & sh WC				
8521	8886	365	dolo & li Cisco-Canyon				
8886	9703	817	li & sh Strawn				
9703	10241	538	li & sh AT-Morrow				
10,241	10700	459	Sd & sh Morrow				

WELL NAME AND NUMBER State "27" 27-1

LOCATION 1980/S & 660/E; Section 10, T21S, R25E, Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Cotton Petroleum Corporation

DRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>		<u>Degrees and Depth</u>		<u>Degrees and Depth</u>		<u>Degrees and Depth</u>	
3/4	373	3/4	5100	2 1/2	10,434		
3/4	624	3/4	5415	2 1/4	10,700		
3/4	866	3/4	5893				
1	1368	1	6393				
1 3/4	1871	3/4	6859				
1 3/4	2125	3/4	7363				
1 3/4	2650	1 1/4	7856				
1	2755	2	8175				
1/4	3250	2 3/4	8536				
1/4	3570	2 1/2	9052				
1/2	4070	2 3/4	9601				
1/2	4670	1	10,095				

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Drilling Engineer

Subscribed and sworn to before me this 8th day of January 1976

My Commission expires:

April 1, 1978

Wayne Swinney
Notary Public
Lea County, New Mexico

FLUID SAMPLE DATA				EQUIPMENT & HOLE DATA			
Date 11-25-75 Ticket Number 774162				Kind of Job OPEN HOLE Halliburton District ARTESIA			
Sampler Pressure P.S.I.G. at Surface				Tester HARTLEY Witness JENKINS			
Recovery: Cu. Ft. Gas				Drilling Contractor MORANCO NM			
cc. Oil							
cc. Water							
cc. Mud							
Tot. Liquid cc.							
Gravity * API @ *F.							
Gas/Oil Ratio cu. ft./bbl.				Formation Tested Bone Springs			
RESISTIVITY CHLORIDE CONTENT				Elevation 3351' K.B. Ft.			
				Net Productive Interval 13' Ft.			
Recovery Water @ *F. ppm				All Depths Measured From Kelly Bushing			
Recovery Mud @ *F. ppm				Total Depth 3575' Ft.			
Recovery Mud Filtrate @ *F. ppm				Main Hole/Casing Size 7 7/8"			
Mud Pit Sample @ *F. ppm				Drill Collar Length 484' I.D. 2.250"			
Mud Pit Sample Filtrate @ *F. ppm				Drill Pipe Length 2974' I.D. 3.826"			
Mud Weight 8.33 vis - cp				Packer Depth(s) 3484' - 3490' Ft.			
				Depth Tester Valve 3463' Ft.			
TYPE AMOUNT				Surface Bottom			
Cushion NONE				Choke 1" ADJ. Choke NONE			
Recovered 605' Feet of sulphur water with a trace of gas							
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Remarks Tool opened for a 15 minute first flow with a very weak blow - which died in 2 minutes. Closed tool for a 60 minute first closed in pressure. Tool re-opened for a 60 minute second flow with a weak blow - which died in 2 minutes. Took a 120 minute second closed in pressure.							
TEMPERATURE		Gauge No. 512	Gauge No. 113	Gauge No.		TIME	
Depth: 3468' Ft.		Depth: 3571' Ft.	Depth: Ft.				
12 Hour Clock		12 Hour Clock	Hour Clock				
Blanked Off NO		Blanked Off YES	Blanked Off				
Actual 86 *F.		Pressures		Pressures		Tool Opened 0905 A.M.	
		Field Office		Field Office		Open 1320 P.M.	
Initial Hydrostatic		1500	1517	1537	1564	Reported Minutes	Computed Minutes
Flow Initial		92	83	119	196	15	
Flow Final		131	150	159	188	60	
Closed in		722	753	766	805	60	
Flow Initial		210	251	239	308	60	
Flow Final		236	262	292	302	120	
Closed in		564	583	595	628		
Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		1500	1505	1537	1554		

FLUID SAMPLE DATA				Date		Ticket Number	
Sampler Pressure _____ P.S.I.G. at Surface				12-8-75		774149	
Recovery: Cu. Ft. Gas _____				Kind of Job		Holliburton District	
cc. Oil _____				OPEN HOLE		ARTESIA	
cc. Water _____				Tester		Witness	
cc. Mud Sulphur water cut mud				RITTER		MULLOY	
Tot. Liquid cc. 2200				Drilling Contractor		NM S	
Gravity _____ ° API @ _____ ° F.				MORANCO # 6			
Gas/Oil Ratio _____ cu. ft./bbl.				EQUIPMENT & HOLE DATA			
RESISTIVITY _____ CHLORIDE CONTENT _____				Formation Tested			
Recovery Water @ _____ ° F. _____ ppm				Cisco			
Recovery Mud @ _____ ° F. _____ ppm				Elevation			
Recovery Mud Filtrate @ _____ ° F. _____ ppm				3351' K.B. _____ Ft.			
Mud Pit Sample @ _____ ° F. _____ ppm				Net Productive Interval			
Mud Pit Sample Filtrate @ _____ ° F. _____ ppm				15' _____ Ft.			
Mud Weight 8.4 vis cp				All Depths Measured From			
				Kelly Bushing - 12' _____ Ft.			
				Total Depth			
				8536' _____ Ft.			
				Main Hole/Casing Size			
				7 7/8" _____			
				Drill Collar Length			
				432' I.D. 2.25" _____			
				Drill Pipe Length			
				7972' I.D. 3.826" _____			
				Packer Depth(s)			
				8434' - 8440' _____ Ft.			
				Depth Tester Valve			
				8417' _____ Ft.			
Cushion		TYPE	AMOUNT	Depth Back	Surface	Bottom	
		NONE		Pres. Valve	Choke	Choke	
				NONE	1" ADJ.	.75"	
Recovered	250'	Feet of	sulphur water cut mud				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks							
Tool opened for a 15 minute first flow with a very weak blow which							
was dead in 2 minutes. Closed tool for a 60 minute first closed in pressure.							
Tool reopened with a very weak blow - dead in 2 minutes. Closed tool for a 118							
minute second closed in pressure.							
TEMPERATURE		Gauge No. 1920		Gauge No. 1919		Gauge No.	
		Depth: 8422' Ft.		Depth: 8532' Ft.		Depth: _____ Ft.	
Est. ° F.		24 Hour Clock		24 Hour Clock		Hour Clock	
		Blanked Off NO		Blanked Off YES		Blanked Off	
Actual 150 ° F.		Pressures		Pressures		Pressures	
		Field	Office	Field	Office	Field	Office
Initial Hydrostatic		3781	3765	3829	3815		
First Period	Flow Initial	23	19	69	76		
	Flow Final	46	46	92	92		
	Closed in	3228	3253	3281	3292		
Second Period	Flow Initial	70	62	116	118		
	Flow Final	116	125	162	171		
	Closed in	3228	3256	3281	3290		
Third Period	Flow Initial						
	Flow Final						
	Closed in						
Final Hydrostatic		3781	3747	3829	3801		

FLUID SAMPLE DATA				Date 12-22-75		Ticket Number 774386	
Sampler Pressure <u>550</u> P.S.I.G. at Surface Recovery: Cu. Ft. Gas <u>1.134</u> cc. Oil - _____ cc. Water - _____ cc. Mud <u>1300</u> Tot. Liquid cc. _____				Kind of Job <u>OPEN HOLE</u>		Halliburton District <u>ARTESIA</u>	
				Tester <u>MR. MURDOCK</u>		Witness <u>MR. BARNES</u>	
Gravity _____ ° API @ _____ °F.				Drilling Contractor <u>MORANCO RIG # 6</u> DR <u>S</u>			
Gas/Oil Ratio _____ cu. ft./bbl.				EQUIPMENT & HOLE DATA			
RESISTIVITY _____ CHLORIDE CONTENT _____				Formation Tested <u>Morrow</u>			
				Elevation <u>3351'</u> RT Ft.			
				Net Productive Interval <u>18'</u> Ft.			
Recovery Water _____ @ _____ °F. <u>3480</u> ppm				All Depths Measured From <u>13' Above ground level</u>			
Recovery Mud _____ @ _____ °F. <u>5110</u> ppm				Total Depth <u>10454'</u> Ft.			
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Main Hole/Casing Size <u>7 7/8"</u>			
Mud Pit Sample _____ @ _____ °F. _____ ppm				Drill Collar Length <u>437'</u> I.D. <u>2.25"</u>			
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm				Drill Pipe Length <u>9763'</u> I.D. <u>3.826"</u>			
Mud Weight <u>9.1</u> vis <u>39</u> cp				Packer Depth(s) <u>10230-10236'</u> Ft.			
				Depth Tester Valve <u>10207'</u> Ft.			
Cushion		TYPE <u>1000'</u> AMOUNT <u>Fresh water</u>	Depth Back Pres. Valve	Surface Choke	Bottom Choke		
				<u>1" Adj.</u>	<u>.75"</u>		
Recovered <u>1000</u>		Feet of water cushion		<u>3400 chloride</u>			
Recovered <u>272</u>		Feet of drilling mud-5110 chloride					
Recovered _____		Feet of _____					
Recovered _____		Feet of _____					
Recovered _____		Feet of _____					
Remarks		<u>SEE PRODUCTION TEST DATA SHEET</u>					
TEMPERATURE	Gauge No. <u>1639</u>	Gauge No. <u>1638</u>	Gauge No. _____	TIME			
	Depth: <u>10212</u> Ft.	Depth: <u>10449</u> Ft.	Depth: _____ Ft.				
	<u>24</u> Hour Clock	<u>24</u> Hour Clock	Hour Clock				
Est. °F.	Blanked Off <u>NO</u>	Blanked Off <u>YES</u>	Blanked Off _____	Tool _____ A.M.			
				Opened <u>11:00</u> P.M.			
Actual <u>172</u> °F.	Pressures		Pressures		Bypass <u>5:30</u> P.M.		
	Field	Office	Field	Office	Field	Office	
Initial Hydrostatic	<u>4833</u>	<u>4824</u>	<u>4827</u>	<u>4898</u>			Reported _____
							Computed _____
First Period Flow	Initial	<u>508</u>	<u>538</u>	<u>593</u>	<u>629</u>		
	Final	<u>508</u>	<u>498</u>	<u>593</u>	<u>600</u>		
	Closed in	<u>4255</u>	<u>4253</u>	<u>4320</u>	<u>4337</u>		
Second Period Flow	Initial	<u>508</u>	<u>522</u>	<u>593</u>	<u>657</u>		
	Final	<u>641</u>	<u>655</u>	<u>725</u>	<u>752</u>		
	Closed in	<u>4211</u>	<u>4216</u>	<u>4298</u>	<u>4311</u>		
Third Period Flow	Initial						
	Final						
	Closed in						
Final Hydrostatic	<u>4766</u>	<u>4771</u>	<u>4827</u>	<u>4876</u>			

1-23

Field Area WILDCAT (NOT CARLSBAD)

County

EDDY

State NEW MEXICO

Test No. 3

Tested Interval 10236-10454'

COTTON PETROLEUM COMPANY
Lease Owner/Company Name

FORMATION TEST DATA

LITTLE & GATES NOV 6/76

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 774386
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED.

[illegible]