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U.S.G.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LH-1656	

1a. TYPE OF WELL

OIL WELL ☐GAS WELL ☐DRY ☒OTHER P & A

b. TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐OTHER None

2. Name of Operator

CLEMENTS ENERGY, INC.

3. Address of Operator

P. O. Box 20500, Oklahoma City, Oklahoma 73156

4. Location of Well

UNIT LETTER A LOCATED 810 FEET FROM THE North LINE AND 660 FEET FROMTHE East LINE OF SEC. 14 TWP. 14-S RGE. 34-E NMPM

15. Date Spudded 6/10/83	16. Date T.D. Reached 7/6/83	17. Date Compl. (Ready to Prod.) --	18. Elevations (DF, RKB, RT, GR, etc.) 4093' GR	19. Elev. Casinghead 4093'
-----------------------------	---------------------------------	--	--	-------------------------------

20. Total Depth 10,800'	21. Plug Back T.D. N/A	22. If Multiple Compl., How Many --	23. Intervals Drilled By Rotary Tools XX	Cable Tools
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24. Producing interval(s), of this completion - Top, Bottom, Name

None

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run

DIFL/GR and CDL-CN Log - GR - Minilog

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#	404'	17-1/2"	350	None
8-5/8"	32# & 24#	4505'	11"	2,000	None

29. LINER RECORD

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

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

None

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	None

3. PRODUCTION

Time First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
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Time of Test	Hours Tested	Casing 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.)	

4. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

5. List of Attachments

Logs - DST #1 - Deviation Survey

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 Richard H. JonesTITLE Division EngineerDATE July 20, 1983

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 magnetically 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 1195.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	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 2980'	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 4548'	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 7310'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 8050'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 9598'	T. _____	T. Chinle _____	T. _____
T. Penn. 10,800'	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ None _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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 _____ None _____ 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'	404'		Red Bed				
404'	1991'		Anhy				
1991'	4166'		Anhy & salt streaks				
4166'	4345'		Anhy				
4345'	4505'		Anhy & dolo				
4505'	7417'		Dolo				
7417'	7755'		Dolo & lime				
7755'	8060'		Dolo & shale				
8060'	8520'		Lime & shale				
8520'	9422'		Lime & anhy				
9422'	9948'		Lime				
9948'	10,150'		Lm, chert & shale				
10,150'	10,800'		Lime & shale				

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PERMIAN TESTERS, INC.

P.O. BOX 6441 • PHONE 366-0811

ODESSA, TEXAS

79762

Clements Energy, Inc.

MC# 14 State

WELL NO. 1

TEST NO. 1

FORMATION

AGE

COUNTY Lea

STATE New Mexico

INTERVAL TESTED

10,330 TO 10,665 ANCHOR LENGTH 335'

DRILL STEM TEST DATA

BITTOM HOLE CHOKE	5/8"	SURFACE	1" Adj.	CUSHION	None
DE TOOL OPENED	7:03 A.M.				
TOOL OPEN BEFORE ISIP		30 MIN.	TYPE	AK-1	CAPACITY 8200
SHUT-IN	1 HRS.	15 MIN.	TOP	11,092	DEPTH 10,316
OPEN	1 HRS.	30 MIN.	BOTTOM	4335	DEPTH 10,336
VAL SHUT-IN	3 HRS.	- MIN.	CLOCK TOP	18 hr.	BOTTOM 24 hr.

INTERFACE ACTION

Pre-Flow: Opened with a weak blow, increasing steadily throughout pre-flow to 3 lb. at end.

Final Flow: Opened with a weak blow, increasing to 1 lb. at 10 minutes. Opened 1/4" choke at 10 minutes, and blow steadily decreased for remainder of flow to 8 1/2 oz. at 30 minutes. 5 1/2 oz. at 60 minutes and 3 1/2 oz. at end of flow.

COVERY

Reversed out: 1015' Drilling Fluid.

3360' Formation Water.

Chlorides: Top 10,000 P.P.M. R.W. 70 @ 60°

Middle 45,000 P.P.M. R.W. 18 @ 60°

Bottom 69,000 P.P.M. R.W. 13 @ 60°

MARKS

ACCESS/TEST Yes, Glen Hogue, Jr. B.H. TEMPERATURE of
STER APPROVED BY H. L. Davis

		RECORDER NO	RECORDER NO
A	(INITIAL HYDROSTATIC PRESSURE)	5000 PSI	PSI
B	(INITIAL PRE-FLOW PRESSURE)	461 PSI	PSI
C	(FINAL PRE-FLOW PRESSURE)	30 MIN. 1283 PSI	PSI
D	(INITIAL SHUT-IN PRESSURE)	75 MIN. 3623 PSI	PSI
E	(INITIAL FLOW PRESSURE)	1397 PSI	PSI
F	(FINAL FLOW PRESSURE)	2690 PSI	PSI
G	(FINAL SHUT-IN PRESSURE)	3387 PSI	PSI
H	(FINAL HYDROSTATIC PRESSURE)	5000 PSI	PSI

TICKET NO 5103
DATE July 8, 1983
ORDER NO
DISTRICT Odessa

HOLE AND MUD DATA

TOTAL DEPTH	10,800	MAIN HOLE	7 7/8
WAT HOLE		CASING SIZE	8 5/8
DEPTH OF CSG	4505	TYPE MUD	Bentex
MUD WT.	8.9	VISCOSITY	37
WATER LOSS	18.6	CAKE	1/32
CHLORIDE	5,000 P.P.M.		
RESISTIVITY	1.4 @ 60 °F		

TOOL DATA

NO PACKERS 4 STRADLETEST Yes
SIZE PACKERS 6 3/4 CSG TEST
CONVENTIONAL TEST

TYPE TOOL	DEPTH	LENGTH	ID	OD
4 1/2 XH DP		10,115	3.8	4.5
4 1/2 XH DC		57	2.3	6.25
Cir. Sub.	10,173	1		
4 DC		118		
Shut-in Sampler		6		
Hyd.		3		
Jars		5		
Recorder		2		
S.J.		6		
Packer	10,324	6		
Packer	10,330	6		
Recorder				
Perf.				
11 DC		335		
Perf.				
Packer	10,665			
Packer				
Perf.				
3 DC				
Perf.				
Recorder		135		

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79762

TEST TICKET NO. 5103

PRESSURE BREAKDOWN

Date July 8, 1983

Company Clements Energy, Inc. County Lea

Well Name & No. MGF 14 State # 1 State New Mexico

Test No. 1 Tool Open 30 Min. For Pre Flow Tool Closed 74 Min. For ISIP

Pressure 10,330 To 10,665 Tool Open 90 Min. For Final Flow Tool Closed 188 Min. For FSIP

INITIAL SHUT-IN				FINAL SHUT-IN			
Time Deflection	Min.	Deflection	Pressure	Time Deflection	Min.	Deflection	Pressure
	0		1283		0		2690
	2		3266		2		2718
	4		3375		4		3286
	6		3419		6		3371
	8		3445		8		3399
	10		3472		10		3419
	18		3532		12		3435
	24		3556		18		3472
	30		3573		36		3516
	36		3589		54		3540
	42		3597		72		3556
	48		3605		90		3565
	54		3609		108		3571
	60		3613		126		3577
	66		3617		144		3583
	72		3621		162		3585
	74		3623		180		3387
					188		3387

Other:

Resistivity

Drilling Fluid in Pits 1.4 @ 60 °F Chloride Content 5,000 ppm.

Fluid from Sampler .12 @ 60 °F Chloride Content 74,000 ppm.

Gas/Oil Ratio Gravity •API @ °F

Where was sample drained Rig.

PH. 366-0811

PERMIAN TESTERS, INC.

P. O. BOX 6441

ODESSA, TEXAS 79762

BOTTOM HOLE SAMPLER REPORT

Date July 8, 1983 Ticket No. 5103Company Clements Energy, Inc.Well Name & No. MGF 14 State # 1 DST No. 1County Lea State New MexicoSampler No. Test Interval 10,330 to 10,665Pressure In Sampler 100 PSI BHT °FTotal Volume of Sampler: 1500 cc.Oil: cc.Water: 1360 cc.Mud: cc.Gas: cu. ft.Other:

Resistivity

Drilling Fluid in Pits 1.4 @ 60 °F Chloride Content 5,000 ppm.Fluid from Sampler .12 @ 60 °F Chloride Content 74,000 ppm.Gas/Oil Ratio Gravity .API @ °FWhere was sample drained Rig. Remarks:

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LANDIS DRILLING COMPANY
P. O. Box 3579
MIDLAND, TEXAS 79702

OPERATOR Clements Energy, Inc. ADDRESS P. O. Box 20500, Oklahoma City, OK
73156
LEASE NAME MGF New Mexico 14 State WELL NO. 1
LOCATION 810'FNL & 660'FEL, Section 14, T-14-S, R-34-E, Lea County, New Mexico

DEPTH	ANGLE- INCLINATION DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
404	1/2	3.53	3.53
890	1/2	4.24	7.77
1390	3/4	6.55	14.32
1890	3/4	6.55	20.87
1991	3/4	1.32	22.19
2382	3/4	5.12	27.31
2886	1	8.79	36.10
3071	3/4	2.42	38.52
3567	3/4	6.49	45.01
4032	1	8.11	53.12
4505	1 1/4	10.32	63.44
5018	1/4	2.24	65.68
5519	1 1/4	10.93	76.61
6019	1/4	2.19	78.80
6521	1	8.76	87.56
7015	1 1/2	12.93	100.49
7515	1 1/4	10.91	111.40
7785	3/4	3.53	114.93
8287	1	8.76	123.69
8781	1	8.62	132.31
9277	1 1/4	10.82	143.13
9804	1 1/2	13.80	156.93
10,258	1 1/2	11.89	168.82
10,800	1 1/4	11.83	180.65

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

LANDIS DRILLING COMPANY

Gary W. Chappell
TITLE: Vice President - Contracts

AFFIDAVIT:

Before me, the undersigned authority, appeared Gary W. Chappell known to me to be the person whose name is subscribed herebelow, who on making deposition, under oath states that he is acting for and in behalf of the Operator of the well identified above, and that to the best of his knowledge and belief, such well was not intentionally deviated from the true vertical whatsoever.

Pamela A. Hughes
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 20th day of July, 1983.

Pamela A. Hughes
Pamela A. Hughes
Notary Public in and for the
County of Midland, Texas

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