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LAND OFFICE	
OPERATOR	

Form O-105
Revised 10-74

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.	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER _____ b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____		8. Farm or Lease Name	
		Howl	

2. Name of Operator		9. Well No.	
Allen K. Trobaugh		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
106 Wall Towers West, Midland, Texas 79701		Wildcat	

4. Location of Well		11. County	
UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>21</u> TWP. <u>3S</u> RGE. <u>35E</u> NMPM		Roosevelt	

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
10/10/77	11/1/77	--	4159.7 GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
7921	--	--	→	All

24. Producing interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
None	No

26. Type Electric and Other Logs Run	27. Was Well Cored
Dual Laterolog and Sonic log	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12 3/4	34#	368	17 1/2"	375 sx Class C 2% C.C.	-0-
8 5/8	32 & 24#	3110	11"	250 sx Class C 2% C.C.	1512.47

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					None		

31. Perforation Record (Interval, size and number)	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)	
None							
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
Logs, drill stem test report, deviation survey

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	<i>Allen K. Trobaugh</i>	TITLE	Operator
		DATE	11/29/77

INSTRUCTIONS

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 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 31 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 _____	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 _____ 2030	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2656	T. Silurian _____ 7714	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3017	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 4266	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 5654	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 6370	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 6830	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 7430	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. 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. None reported

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	1300		No description	4390	4910	520	Sand, dolomite & anhy
1300	1480	180	Redbeds	4910	5070	160	Sand & anhy
1480	1490	10	Sand	5070	5410	340	Sand, anhy & dolo
1490	1500	10	Redbeds	5410	5660	250	Anhy & salt
1500	1700		No description	5660	6030	370	Anhy, salt & sand
1700	1720	20	Redbeds	6030	6110	80	Red shale & anhy
1720	1820	100	Sand & redbeds	6110	6370	260	Dolo & anhy
1820	1900	80	Red shale & sand	6370	6830	460	Red shale
1900	2000		No description	6830	6990	160	Dolo & shale
2000	2200	200	Red shale	6990	7190	200	Dolo
2200	2600		No description	7190	7340	150	Limestone w/sh streaks
2600	3110	510	Anhydrite & red shale	7340	7670	330	Limestone
3110	3350	230	Anhydrite	7670	7710	40	Limestone w/chert strks
3350	3950	600	Dolomite & anhydrite	7710	7800	90	Limestone w/sh streaks
3950	4390	440	Limestone, dolo & anhy	7800	7921	121	Limestone & dolo

CORRECTED COPY

FLUID SAMPLE DATA				Date 10-25-77 Ticket Number 002097			
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job OPEN HOLE Halliburton District HOBBS			
Recovery: Cu. Ft. Gas _____				Tester ED HAM Witness HENRY CLINGMAN			
cc. Oil _____				Drilling Contractor MORANCO # 5 DR			
cc. Water 2000 Muddy				EQUIPMENT & HOLE DATA			
cc. Mud _____				Formation Tested Wolfcamp			
Tot. Liquid cc. 2000				Elevation 4171' KB Ft.			
Gravity _____ ° API @ _____ ° F.				Net Productive Interval - Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From Kelly Bushing			
RESISTIVITY _____ CHLORIDE CONTENT _____				Total Depth 7190' Ft.			
Recovery Water _____ @ _____ ° F. _____ ppm				Main Hole/Casing Size 7 7/8"			
Recovery Mud _____ @ _____ ° F. _____ ppm				Drill Collar Length 675' I.D. 2.50"			
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm				Drill Pipe Length 6431' I.D. 3.826"			
Mud Pit Sample _____ @ _____ ° F. _____ ppm				Packer Depth(s) 7121-7127' Ft.			
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm				Depth Tester Valve 6990' Ft.			
Mud Weight _____ vis _____ sec				Cushion TYPE AMOUNT Depth Back Surface Bottom Pres. Valve Choke 1" Adj. Choke .75"			
Recovered 30 Feet of muddy water				Meo. From Tester Valve			
Recovered _____ Feet of							
Recovered _____ Feet of							
Recovered _____ Feet of							
Recovered _____ Feet of							
Remarks SEE PRODUCTION TEST DATA SHEET							
UTR-Unable to read Q-Questionable							
TEMPERATURE		Gauge No. 731	Gauge No. 255	Gauge No. _____	TIME		
Depth: 7106 Ft.		Depth: 7167 Ft.	Depth: _____ Ft.	Hour Clock			
Est. _____ ° F.		Blanked Off NO	Blanked Off Yes	Blanked Off		Tool A.M.	
Actual 123 ° F.		Pressures		Pressures		Opened 1035 P.M.	
Field		Office	Field	Office	Field		Office
Initial Hydrostatic 3829		UTR	3844	3962	Reported Minutes		Computed Minutes
First Period	Flow Initial 57	44	72	69	15		14
	Flow Final 57	44	72	69	60		60
	Closed in 2504	2503	2497	2528	60		58
Second Period	Flow Initial 57	47	72	79	120		123
	Flow Final 72	74	86	101			
	Closed in 2376	2417	2426	2445			
Third Period	Flow Initial _____						
	Flow Final _____						
	Closed in _____						
Final Hydrostatic 3829		3833 Q	3844	3851			

HOWL

Lease Name

Well No.

Test No.

7127-7190'

Tested Interval

Field Area

WILDCAT

County

ROOSEVELT

State

NEW MEXICO

A. K. TROBAUGH

Lease Owner/Company Name

CORRECTED COPY

Gauge No. 731		Depth 7106'		Clock No. 5937		12 hour Ticket No. 003097					
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure		Third Flow Period		Third Closed In Pressure	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $t + \theta$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $t + \theta$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0 .000	44	.000		.000	47	.000					
1 .092	44	.0266		.0535	51 *	.0717					
		.0532		.1204	56	.1239					
		.0798		.1873	60	.1760					
		.1064		.2542	64	.2282					
		.1330		.3211	70	.2804					
		.1596		.3880	74	.3325					
		.1862				.3847					
		.2128				.4368					
		.2394				.4890					
		.2660				.5412					
		.2926				.5933					
		.3192				.6455					
		.3458				.6976					
		.3724				.7498					
		.3990				.8020					

Gauge No. 255		Depth 7167'		Clock No. 2493		hour 24	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $t + \theta$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0 .000	69	.000		.000	79	.000	
1 .047	69	.0131		.0265	79 *	.0361	
		.0261		.0596	83	.0624	
		.0392		.0927	86	.0887	
		.0523		.1258	92	.1150	
		.0654		.1589	98	.1413	
		.0784		.1920	101	.1675	
		.0915				.1938	
		.1046				.2201	
		.1176				.2464	
		.1307				.2727	
		.1438				.2989	
		.1568				.3252	
		.1699				.3515	
		.1830				.3778	
		.1960				.4040	

Reading Interval 4		10		8	

REMARKS: * - 8 minutes ** - 11 minutes

Reading Interval 4 10 8

REMARKS: * - 8 minutes ** - 11 minutes