

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

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

Form C-105
 Revised 11-1-88

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Mittie Weatherly	
9. Well No.	
8	
10. Field and Pool, or Wildcat	
Wildcat	
12. County	
Lea	

1a. TYPE OF WELL		OIL WELL ☒	GAS WELL ☐	DRY ☐	OTHER ☐
b. TYPE OF COMPLETION		NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐
				DIFF. REGVR. ☐	OTHER ☐
2. Name of Operator					
N.B. Hunt					
3. Address of Operator					
2500 First National Bank Bldg., Dallas, Texas 75202					
4. Location of Well					
UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>2190</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>21</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMPM.					

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
9-2-79	10-27-79	12-17-79	KB 3459', GL 3444	3442.5
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Rotary Tools
8787'	8150		→ A11	Cable Tools
24. Producing Intervals, of this completion. - Top, Bottom, Name				25. Was Directional Survey Made
7190' to 7200' Fusselman				No
26. Type Electric and Other Logs Run				27. Was Well Cored
BHC Sonic, DIL-SFL, SNP & Microlog				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"	46# & 54.5#	420'	17-1/2"	350 sks			
9-5/8"	36# & 40#	4660'	12-1/4"	1st - 950 sks			
				DV at 2391- 2nd - 1450 sks			
29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
7"	4444	8770'	650 sks		2-7/8"	7151	7151

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7090 (3) Sqzd		DEPTH INTERVAL	
7190-7200 (18) Open		AMOUNT AND KIND MATERIAL USED	
7230, 7854, 7896 (3) Sqzd		7190-93 & 7196-7200'	
8197-8203, 8351-55, 8366-68, 8629-33, 8674-80,		Acidized/500 gal 15% HCL	
Open hole below CIBP			

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
12-17-79		Pumping 1-1/2" x 15' Insert Pump				Producing	
Date of Test	Hours Tested	Choke Size	Pressure For Test Period	Oil - Ebl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12-21-79	24	open	→	84	Approx 75	76	896-1
Flow Testing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Ebl.	Gas - MCF	Water - Ebl.	Oil Gravity - API (Corr.)	
10#	20	→	84	Approx 75	76	42	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented - To be used as fuel and remainder sold when contact made.	Jim Hair

35. List of Attachments
C-103, C-104

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	TITLE	DATE
	District Superintendent	12-26-79

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 radioactivity logs on the well and a summary of all special tests conducted, including drill stem tests. All the reported shall be measured by this. 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

T. Anhy _____
 T. Salt _____
 B. Salt 2433
 T. Yates _____
 T. 7 Rivers _____
 T. Queen 3430
 T. Grayburg 3740
 T. San Andres 4035
 T. Glorieta 5120
 T. Paddock _____
 T. Blinbry _____
 T. Tubb 6095
 T. Drinkard _____
 T. Abo 6641
 T. Wolfcamp _____
 T. Penn. _____
 T. Cisco (Bough C) _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 T. Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn. "A" _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3430 to 4050 No. 4, from 6374 to 6493
 No. 2, from 5568 to 5608 No. 5, from 7185 to 7200
 No. 3, from 6163 to 6183 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 _____ 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	422	422	Red Bed & Anhy				
422	2564	2142	Anhy & Salt				
2564	2811	247	Dolo & Sd				
2811	3190	379	Anhy & Dolo				
3190	7690	4500	Dolo				
7690	8085	395	Lime, Sh & Sd				
8085	8352	267	Dolo, Sd & Sh				
8352	8490	138	Dolo				
8490	8787	297	Granite Wash				
RECEIVED							
DEC 18 1979							
U.S. CONSERVATION DIV.							

Summary - N.B. Hunt
Weatherly #8

See Attachment for DST #1 (7065'-7240) Fusselman

	<u>Top</u>	<u>Bottom</u>
Initial Hydro	3396	3476
15 min pre-flow	372	496
	911	1016
1 hr S.I.	2009	2103
4 hr Flow	1080	1159
	1922	2003
8 hr S.I.	2161	2264
Final Hydro	3410	3479

Recovered 1600 cc fluid (50% oil, 25% mud, 25% water) and 5.4 cubic feet gas.

See Attachment for DST #2 (8300'-8382') Ellenburger

	<u>Top Chart</u>
Initial Hydro	3883
FIP	319
FFP	319
1st S.I.	2710
2nd Flow	342
2nd Flow	365
Pkr stuck - worked loose.	
Final hydro	3905

Recovered 752' mud.

Cased Hole Testing

10-27-79 Open hole (8770'-8787') Acidized with 500 gal HF acid. Swabbed well with very small fluid entry. (100% salt water)

10-31-79 Perf 4 SPF at 8629'-8633'. Acidized with 750 gal 15% HCL. Swabbed well with no fluid entry.

11-8-79 Perf 2 SPF at 8674'-80'. Acidized with 500 gal 15% HCL acid and 250 gal HF acid. Swabbed well with no fluid entry.

11-10-79 Perf 1 SPF at 8351'-8355', 8366'-8368' & 8374'-8378'. Acidized with 750 gal 15% HCL acid and 20 balls. Swabbed well with no fluid entry and small amount of gas.

11-16-79 Perf 2 SPF at 8197'-8203'. Acidized with 400 gal 15% HCL acid. Swabbed well recovering water with trace of oil.

11-28-79 Perf 7091'-93 and 7196'-7200' (Fusselman). Acidized with 500 gal 15% HCL acid. Completion.