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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.

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
Karoles

9. Well No.
1

10. Field and Pool, or Wildcat
Brunson, East (Drinkard)

2. Name of Operator
Southwestern Natural Gas, Inc.

3. Address of Operator
900 Building of the Southwest - Midland, Texas 79701

4. Location of Well

UNIT LETTER L LOCATED 990 FEET FROM THE West LINE AND 2000 FEET FROM THE South LINE OF SEC. 23 TWP. 22-S RGE. 37-E NMPM

12. County
Lea

15. Date Spudded
6-27-69

16. Date T.D. Reached
7-24-69

17. Date Compl. (Ready to Prod.)
10-12-69

18. Elevations (DF, RKB, RT, GR, etc.)
3326' GL

19. Elev. Casinghead
3326'

20. Total Depth
7709'

21. Plug Back T.D.
6983' PBTD

22. If Multiple Compl., How Many
--

23. Intervals Drilled By
Rotary Tools
0-7709'

Cable Tools
0'

24. Producing Interval(s), of this completion - Top, Bottom, Name
6379' - 6458' - Drinkard

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
GR/AC, MLL-Cal., LL, Cement Bond

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
8-5/8"	24	1120'	11"	400 sks - Circ.	0
5-1/2"	15.5 & 17.0	7590'	7-7/8"	1150 sks - Cmt. Top@ 2150'	0

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8" EUE	6133'	--

31. Perforation Record (Interval, size and number)

7352' - 7372' Sqzd. off

7290' - 7332' CIBP @ 6990'

6379' - 6458' 16 Holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6379'-6458'	Acid - 9,250 Gals.
	Frac - 25,000 Gals. Gelled
	Brine + 25,000# 20-40
	Sand.

33. PRODUCTION

Date First Production
10-12-69

Production Method (Flowing, gas lift, pumping - Size and type pump)
Pump - 1-1/2" Insert

Well Status (Prod. or Shut-in)
Producing

Date of Test	Hours Tested	Choke Size	Proc'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-12-69	24	--		95	137.7	45	1450

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
--	--		95	137.7	45	38°

Test Witnessed By
W. E. Hendon

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

35. List of Attachments
GR/AC Well Log, Deviation Survey, C-104, & Cmtg. Affidavit

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 Dyn C. Bennett TITLE Operations Manager DATE October 15, 1969

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 _____ 1100'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1200'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2360'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3067'	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 _____ 3580'	T. Montoya _____ Absent	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3850'	T. Simpson _____ 6975'	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5038'	T. McKee _____ 7237'	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____ 7550'	T. Dakota _____	T. _____
T. Blinebry _____ 5415'	T. Gr. Wash _____ 7700'	T. Morrison _____	T. _____
T. Tubb _____ 5920'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6240'	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 6500'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 6860'	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1100'	3067'	1967'	Rustler - Anhy & Salt				
3067'	3580'	513'	Yates, 7 Rivers, Queen				
3580'	3850'	270'	Grayburg				
3850'	5038'	1188'	San Andres				
5038'	5415'	377'	Glorieta				
5415'	5920'	505'	Blinebry				
5920'	6240'	320'	Tubb				
6240'	6500'	260'	Drinkard				
6500'	6850'	350'	ABO				
6850'	6975'	125'	Wolfcamp				
6975'	7237'	262'	Simpson				
7237'	7550'	313'	McKee Sd.				
7550'	7700'	150'	Ellenburger				
7700'	7720'	20'	Granitewash				
(Log Depths)							