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Form C-105
Revised 10-78

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.
7. Unit Agreement Name
8. Farm or Lease Name
Sullivan Frame A
9. Well No.
1E
10. Field and Pool, or Wildcat
B. Dakota/Und. MV/B1. Chacra
12. County
San Juan

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	Tenneco Oil Company				
3. Address of Operator	P.O. Box 3249, Englewood, CO 89155				
4. Location of Well	UNIT LETTER <u>A</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>790</u> FEET FROM <u>East</u> LINE OF SEC. <u>30</u> TWP. <u>29N</u> RGE. <u>10W</u>				
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead	
10/11/80	10/20/80	12/24/80	5502' gr.	--	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6356'	6337'	3	0'-TD	--	--
24. Producing Interval(s), of this completion - Top, Bottom, Name					25. Was Directional Survey Made
2721-3838' Chacra					No
26. Type Electric and Other Logs Run					27. Was Well Cored
Gamma Ray/CCL, CD/CNL, CPDL, IEL, ISFL					No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	266'	12-1/4"	300 sx CL-B w/2% CACL ₂	
7"	23#	2650'	8-3/4"	1st: 120 sx Howco Lite; 150 sx CL-B	
				2nd: 528 sx Lite	
4-1/2"	10.5#	6355'	6-1/4"	294 sx CL-B w/.4% HR-4 & .4% CFR-2	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	4472'	6355'	294 sx		2-3/8"	3959'	

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2721-33'				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2811-18'	23'	46 holes		2721-2828'	500 gals 15% HCL
2824-28'	2 JSPF				500 gals 15% HCL & 33 balls
					568 bbls. wtr, 5498 gals flush
					70% quality foam 80,000# 20/40sd

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
12/24/80		Flowing				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/24/80	3 hrs.	1/2"			Q = 2850		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Test Witnessed By	
197 PSI	268 PSI			AOF = 8908		FEB 3 1981	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold	OIL CON. COM.

35. List of Attachments
Electric logs forwarded by Jetronics, Schlumberger & Gearhart Owens.

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 <u>Carley Statton</u>	TITLE <u>Asst. Div. Adm. Mgr.</u>	DATE <u>1/1/9/81</u>

INSTRUCTIONS

This form is to be filled 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 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 completion, form 34 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1103.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Any	T. Canyon	T. Ojo Alamo	530	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Salt	T. Strawn	T. Kirtland-Fruitland	930	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Salt	T. Strawn	T. Kirtland-Fruitland	930	T. Penn. "C"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Yates	T. Miss	T. Cliff House	3300	T. Cliff House	T. Cliff House	T. Cliff House	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. 7 Rivers	T. Devonian	T. Menefee	3400	T. Menefee	T. Menefee	T. Menefee	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Queen	T. Silurian	T. Point Lookout	4080	T. Point Lookout	T. Point Lookout	T. Point Lookout	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Grapburg	T. Montoya	T. Mancos		T. Mancos	T. Mancos	T. Mancos	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. San Andres	T. Simpson	T. Gallup	6000	T. Gallup	T. Gallup	T. Gallup	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Glorieta	T. McKee	T. Base Greenhorn	6020	T. Base Greenhorn	T. Base Greenhorn	T. Base Greenhorn	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Padlock	T. Ellenburger	T. Dakota		T. Dakota	T. Dakota	T. Dakota	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Blinberry	T. Gr. Wash	T. Morrison		T. Morrison	T. Morrison	T. Morrison	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Tubb	T. Granite	T. Todillo		T. Todillo	T. Todillo	T. Todillo	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Drinkard	T. Delaware Sand	T. Entrada		T. Entrada	T. Entrada	T. Entrada	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Abo	T. Bone Springs	T. Wingate		T. Wingate	T. Wingate	T. Wingate	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Wolfcamp	T. Permian	T. Permian		T. Permian	T. Permian	T. Permian	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Cisco (Bough C)	T. Penn.	T. Penn. "A"		T. Penn. "A"	T. Penn. "A"	T. Penn. "A"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite

OIL OR GAS SANDS OR ZONES

No. 1, from	2721'	to	2828'	No. 4, from		to
No. 2, from	3642'	to	4367'	No. 3, from		to
No. 3, from	6115'	to	6301'	No. 6, from		to

Include data on rate of water inflow and elevation to which water rose in hole.

IMPORTANT WATER SANDS

FORMATION RECORD (Attach additional sheets if necessary)

No. 1, from	to	feet
No. 2, from	to	feet
No. 3, from	to	feet
No. 4, from	to	feet

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
530'	930'	400'	Ojo Alamo				
930'	1720'	590'	Kirtland - Fruitland				
1720'	2720'	1000'	Pictured Cliffs				
2720'	2850'	130'	Lewis (Chacra)				
3300'	3400'	100'	Cliff House				
3400'	4080'	680'	Menefee				
4080'	4380'	300'	Point Lookout				
6100'		256'	Dakota				

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

Form C-105
Revised 10-76

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

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

7. Unit Agreement Name

8. Farm or Lease Name
Sullivan Frame A

2. Name of Operator
Tenneco Oil Company

9. Well No.
1E

3. Address of Operator
P.O. Box 3249, Englewood, CO 80155

10. Field and Pool, or Wildcat
B. Dakota/Und MV/DL Chacra

4. Location of Well
UNIT LETTER <u>A</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>790</u> FEET FROM

11. County
San Juan

THE <u>East</u> LINE OF SEC. <u>30</u> TWP. <u>29N</u> RGE. <u>10W</u> NE1/4
--

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
10/11/80	10/20/80	12/24/80	5502' gr.	--

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	History Tools	Cable Tools
6356'	6337'	3	0'-TD	--	--

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
3642-4367' Mesaverde	No

26. Type Electric and Other Logs Run	27. Was Well Cored
Gamma Ray/CCL, CD/CFN, C/FDL, IEL, ISFL	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	266'	12-1/4"	300 sx CL-B w/2% CACL ₂	
7"	23#	4650'	8-3/4"	1st: 120 sx Howco Lite; 150 sx CL-B	
				2nd: 528 sx Lite	
4-1/2"	10.5#	6355'	6-1/4"	294 sx CL-B w/4% HR-2 .4% CFR-2	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4-1/2"	4472'	6355'	294 sx		2-3/8"	3959'

31. Perforation Record (Interval, size and number)						2 JSPF, 47', 94 holes		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3642-46'	3753-54'	3952-54'	4193-94'	4066-71'	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED			
3653-54'	3856-58'	4009-11'	4260-64'	4075-77'	4061-4367'	750 gals 7 1/2% DI-HCL, 900 gals 15% HCL, 66 balls, 1544 bbls 1% KCL			
3661-63'	3861-66'	4095-96'	4286-87'	4322-23'		wtr, 55,000# 20/40 sand.			
3721-22'	3890-91'	4103-06'	4206-07'	4344-45'					
3748-49'	3895-96'	4185-86'	4061-63'	4366-67'	3642-4011'	650gals 7 1/2% DI-HCL, 900gals 15% HCL			

33. PRODUCTION		a 69 balls, 1529bbls 1% KCL wtr w/FR 55,000# 20/40 sand	
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)	
12/24/80	Flowing	Shut-in	

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/24/80	3 hrs.	3/4"			Q= 2207		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	API Gravity - API (Corr.)	
148 PSI	542 PSI			AOF= 2610			

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold	OIL

35. List of Attachments
Electric logs forwarded by Jetronics, Schlumberger and Gearhart Owen.

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 <u>Carley Statton</u>	TITLE <u>Asst. Div. Adm. Mgr.</u>	DATE <u>1/19/81</u>
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INSTRUCTIONS

This form is to be filled with the appropriate data 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, show 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Any	T. Canyon	T. Ojo Alamo	T. Penn. "G"	530
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	930
T. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"	1720
T. Yates	T. Miss	T. Cliff House	T. Leadville	3300
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison	3400
T. Queen	T. Silurian	T. Point Lookout	T. Elbert	4080
T. Grayburg	T. Montoya	T. Mancos	T. McCracken	
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite	6000
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite	6020
T. Padlock	T. Ellenburger	T. Dakota	T. Morrison	
T. Blinberry	T. Gr. Wash	T. Todilto	T. T. "A"	
T. Tubb	T. Granite	T. Entrada	T. Wingate	
T. Dinkard	T. Delaware Sand	T. Bone Springs	T. Permian	
T. Abo	T. T. "A"	T. Permian	T. Penn. "A"	
T. Cisco (though C)				

OIL OR GAS SANDS OR ZONES

No. 1, from	2721'	to	2828'	No. 4, from
No. 2, from	3642'	to	4367'	No. 5, from
No. 3, from	6115'	to	6301'	No. 6, from

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
530'	930'	400	Ojo Alamo				
930'	1720'	590	Kirtland - Fruitland				
1720'	2720'	1000	Pictured Cliffs				
2720'	2850'	130	Lewis (Chacra)				
3300	3400	100	Cliffhouse				
3400	4080	680	Menefee				
4080	4380	300	Point Lookout				
6100'	TD	256	Dakota				