

TEXAS OIL & GAS CORP.

900 WILCO BUILDING

MIDLAND, TEXAS 79701

July 3, 1979

RECEIVED

JUL 5 1979

O. C. C.
ARTESIA, OFFICE

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Filing Under 1978 Natural Gas
Policy Act

Gentlemen:

Attached please find two copies of "Statements and Documents in Support of Application for Classification of the Shugart State Com. #1 Well, Eddy County, New Mexico as New Onshore Production Well Pursuant to Section 103 of the Natural Gas Policy Act of 1978".

If you have any questions, please advise.

Sincerely,



Tommy L. Knowles
District Drilling and
Production Manager

TLK:sm
Enclosures

cc: N.M.O.C.C. Dist. Office - Artesia
w/copy of C-132 Form

Mr. Al Cummings
Mr. John A. Lauderdale, Jr. w/enclosures



LTR



Job separation sheet

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	1
LAND OFFICE	1
OPERATOR	

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

Form C-105
Revised 11-4-78

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5a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	LG-1101

1a. TYPE OF WELL	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
b. TYPE OF COMPLETION	NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>

7. Unit Agreement Name	
8. Farm or Lease Name	Shugart St. Com.
9. Well No.	1

2. Name of Operator	Texas Oil & Gas Corp. ✓
3. Address of Operator	900 Wilco Building, Midland, Texas 79701

10. Field and Pool, or Wildcat	N. Shugart (Morrow)
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4. Location of Well	UNIT LETTER <u>N</u> LOCATED <u>714</u> FEET FROM THE <u>S</u> LINE AND <u>2062</u> FEET FROM
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11. County	Eddy
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15. Date Spudded	12/15/78	16. Date T.D. Reached	2/5/79	17. Date Compl. (Ready to Prod.)	2/24/79	18. Elevations (DF, RKB, RT, GR, etc.)	3665 GR, 3685 KB	19. Elev. Casinghead	3665
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20. Total Depth	12000'	21. Plug Back T.D.	11955'	22. If Multiple Compl., How Many	--	23. Intervals Drilled By	Rotary Tools	Cable Tools	
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24. Producing Interval(s), of this completion - Top, Bottom, Name	11,706-11,863 (Morrow)	25. Was Directional Survey Made	No
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26. Type Electric and Other Logs Run	GR/CNL/FDC GR/DLL/MSFL GR/CNL/CCL	27. Was Well Cored	No
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	600'	15"	250 sx 50/50 Poz +200 "C"	None
8-5/8"	24#, 28#, 32#	4500'	11"	1200 sxs 50/50 Poz +200 "C"	None
4-1/2"	13.5#&11.6#	11990'	7-7/8"	865 sx H-50/50 Poz + 130	None
				C1 "H"	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-3/8"	11630	11630

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	11,850-11,863; .25" diameter, 5 holes	2000 gal 7½% MSA
	11,706-11,786; .25" diameter, 47 holes	5000 gal 7½% MSA

33. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
2/22/79	Flowing					SI	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/23/79	15'	16/64"	→	4	1250	75	333,333
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
1300	0 (pkr)	→	6	2000	120	56°	

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

35. List of Attachments	Logs, deviation report, DST information.
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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 S. P. Baker TITLE Dist. Drlg. Engr. DATE 6/1/79

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

T. Anhy 560' T. Canyon _____
T. Salt _____ T. Strawn 10760
T. Salt _____ T. Atoka 11080
T. Yates 2480' T. Miss _____
T. 7 Rivers _____ T. Devonian _____
T. Queen _____ T. Silurian _____
T. Grayburg _____ T. Montoya _____
T. San Andres _____ T. Simpson _____
T. Glorieta _____ T. McKee _____
T. Paddock _____ T. Ellenburger _____
T. Blinbry _____ T. Gr. Wash _____
T. Tubb _____ T. Granite _____
T. Drinkard _____ T. Delaware Sand _____
T. Abo _____ T. Bone Springs 6050
T. Wolfcamp 9524 T. 3rd Bone Spr. Sd. 9080
T. Penn. _____ T. Morrow 11450
T. Cisco (Bough C) _____ T. Barnett 11900

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
T. Kirtland-Fruitland _____ T. Penn. "C" _____
T. Pictured Cliffs _____ T. Penn. "D" _____
T. Cliff House _____ T. Leadville _____
T. Menefee _____ T. Madison _____
T. Point Lookout _____ T. Elbert _____
T. Mancos _____ T. McCracken _____
T. Gallup _____ T. Ignacio Qtzte _____
Base Greenhorn _____ T. Granite _____
T. Dakota _____ T. _____
T. Morrison _____ T. _____
T. Todilto _____ T. _____
T. Entrada _____ T. _____
T. Wingate _____ T. _____
T. Chinle _____ T. _____
T. Permian _____ T. _____
T. Penn. "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 11706 to 11786 No. 4, from _____ to _____
No. 2, from 11850 to 11863 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.

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	6050	6050	Redbeds, Salt, Anhydrite, Dolomite, Limestone, Shale Sandstone				
6050	9524	3474	Sand, Dolomite, Sandstone, Limestone				
9524	11450	1926	Limestone & Shale				
11450	11900	456	Limestone, Shale & Sand- stone				
11900	12000	100	Black Shale				