

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
O G 1617

7. Unit Agreement Name
Todd Lower San Andres

8. Farm or Lease Name
TL5AU 30

9. Well No.
15

10. Field and Pool, or Wildcat
Todd Lower San Andres

12. County
Roosevelt

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

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

3. Name of Operator
MURPHY OPERATING CORPORATION

4. Address of Operator
Post Office Drawer 2648 Roswell, New Mexico 88202-2648

6. Location of Well
UNIT LETTER 0 LOCATED 660' FEET FROM THE South LINE AND 1980' FEET FROM

15. Date Spudded 12-13-83 16. Date T.D. Reached 12-18-83 17. Date Compl. (Ready to Prod.) 12-29-83 18. Elevations (DF, RKB, RT, GR, etc.) 4144' G.L. 19. Elev. Casinghead 4145'

20. Total Depth 4358' 21. Plug Back T.D. 4333' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools

24. Producing interval(s), of this completion - Top, Bottom, Name 4236' - 4298' San Andres P-2 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run Gamma Ray Newtron 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#/ft.	8 jts. 340'	12 1/4"	250 sks. Class C Circ. 60sks	
5 1/2"	15.5#/ft.	108 jts. 4352'	7 7/8"	1200 sks 50/50 Poz. Circ. 193 sks to pits	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8" 4.7#	133 jts/ 4325'	

31. Perforation Record (Interval, size and number)
4236' - 4296' 1 shot/ft. 50 shots total

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4236'-4296'	10,000 gal. 28% HCl, 12,000 lbs. 100 mesh sand.

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
12-29-83	Pumping - 2" x 1 1/2" x 16'	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-11-84	24	None		23	30	60	1304 cu.ft./bbl.

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
35#	135#		23	30	60	24.2

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

35. List of Attachments
Gamma Ray Newtron Log, Inclination Report

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 Mark B. Murphy TITLE Vice President DATE 4/25/84

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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. Anhu 2080' T. Canyon T. Ojo Alamo T. Penn. "B"

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TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Superseding Old C-104 and C-11.
Effective 1-1-65

I. Operator
MURPHY OPERATING CORPORATION
Address
Post Office Drawer 2648 Roswell, New Mexico 88202-2648
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
TLSAU 30	15	Todd Lower San Andres	State, Federal or Fee State	OG 1617
Location Unit Letter 0 ; 660 Feet From The South Line and 1980 Feet From The East Line of Section 30 Township 7 South Range 36 East, NMPM, Roosevelt County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Mobil Pipeline	Post Office Box 900 Dallas, Texas 75221					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Cities Service	Post Office Box 300 Tulsa, Oklahoma 74102					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	B	31	7S	36E	Yes	12-29-83

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resv.	Diff. Resv.
	X		X					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
12-13-83	12-29-83		4358'		4333'			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
4144' G.L.	San Andres P-2		4236'		4325'			
Perforations					Depth Casing Shoe			
4236' - 4296' 1 shot/ft. 50 shots total					4352'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	8 5/8" 24# J-55 ST&C		340' (8 jts.)		250 sks Class C /2# Ca-C			
7 7/8"	5 1/2" 15.5# J-55 ST&C		4352' (108 jts.)		1200 50/50Poz			
	2 3/8" 4.7# J-55		4325' (133 jts.)		Circ. 193 sks to pit			
					production string			

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
12-29-83	1-11-84	Pump	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 Hours	35#	135#	None
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
83 BFPD	23	60	30

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Mark B. Murphy (Signature)

Vice President - Murphy Operating Corporation (Title)

24 April 1984

OIL CONSERVATION COMMISSION

APPROVED MAY 2, 1984, 19

BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and re-completed wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.

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MAY 1 1984

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HOBBS OFFICE

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