

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

1.
SUPERIOR

P. O. BOX 671 - MIDLAND, TEXAS 79702

Reason(s) for Filing (Check proper box)

New Well	☒	Change in Transporter of:	
Recompletion	☐	Oil	☐ Dry Gas ☐
Change in Operator	☐	Casinghead Gas	☐ Condensate ☐

If change of operator give name
and address of previous operator

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
STATE "35"	6	MALAMAR (GRAVEBURG-SAN ANDRES)	State, Federal or Fee	K-385
Location				

Location _____
Unit Letter N : 1980 Feet From The WEST Line and 990 Feet From The SOUTH Line
Section 35 Township 17-S Range 33-E , NMPM, LEA County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐							Address (Give address to which approved copy of this form is to be sent)	
TEXAS-NEW MEXICO PIPELINE							P. O. BOX 1510-MIDLAND, TEXAS 79702	
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐							Address (Give address to which approved copy of this form is to be sent)	
PHILLIPS 66 NATURAL GAS CO.							990G PLAZA OFFICE BLDG. -BARTLESVILLE, OK 74004	
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When ?		
	L	35	17-S	33-E	YES	11-10-89		

If this production is commingled with that from any other lease or pool, give commingling order number: IV. COMPLETION DATA:	YES PC-540
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IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.			
10-3-89	10-16-89		4850'			4808'			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
4101.3' GR	GRAYBURG-SAN ANDRES		4378'			4288'			
Performations						Depth Casing Shoe			
4674-4764' (SA)		4378-4626' (GRBG)			4850'				
TUBING, CASING AND CEMENTING RECORD									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"		8 5/8"		1605'		800 SXS			
7 7/8"		5 1/2"		4850'		1330 SXS			
		2 7/8"		4288'					

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed 100 allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank				Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
10-18-89				12-7-89	PUMP	
Length of Test				Tubing Pressure	Casing Pressure	Choke Size
24 HOURS						
Actual Prod. During Test				Oil - Bbls.	Water - Bbls.	Gas - MCF
44				44	811	34

GAS WELL		ST1	34
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (plot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Charlotte Beeson

Signature

CHARLOTTE BEESON

Printed Name

DRILLING CLERK

Title

12-11-89

Date

(915) 682-9731

Telephone No.

OIL CONSERVATION DIVISION

Date Approved **DEC 27 1989**

By _____
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

Title _____ DISTRICT 1 SUPERVISOR

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit to Appropriate
District Office:
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL APL NO.	30-025-30675
5. Indicate Type of Lease:	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	K-385
7. Lease Name or Unit Agreement Name:	STATE "35"
8. Well No.	6
9. Pool name or Wildcat	MALJAMAR (GRAYBURG-SAN ANDRES)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP REPAIR ☐ OTHER ☐
2. Name of Operator: UNION OIL COMPANY OF CALIFORNIA
3. Address of Operator: P. O. BOX 671 - MIDLAND, TEXAS 79702
4. Well Location: Unit Letter <u>N</u> : <u>1980</u> Feet From The <u>WEST</u> Line and <u>990</u> Feet From The <u>SOUTH</u> Line Section <u>35</u> Township <u>17-S</u> Range <u>33-E</u> NMPM LEA County

10. Date Spudded: 10-3-89	11. Date T.D. Reached: 10-8-89	12. Date Compl. (Ready to Prod.): 10-16-89	13. Elevations (DP & RKE, RT, GR, etc.): 4101.3' GR	14. Elev. Casingheadsets: 0'-4850'
15. Total Depth: 4850'	16. Plug Back T.D.: 4808'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By: Rotary Tools Cable Tools	19. Producing Interval(s), of this completion - Top, Bottom, Name: 4674'-4764' SAN ANDRES 4378'-4626' GRAYBURG
21. Type Electric and Other Logs Run: DLL - RXO - LDT - CNL - GR - PDC				20. Was Directional Survey Made: NO
22. Was Well Cored: NO				

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#	1605'	12 1/4"	800 SXS	
5 1/2"	15.5#	4850'	7 7/8"	1330 sxs	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	4288'

26. Perforation record (interval, size, and number) .33" 2JSPF 4674-78', 4694-4710', 4714-18' & 4760-64' (64shot) 4378-82', 4403-05', 4514-18', 4544-56', 4560-70' 4574-92', 4594-4604', 4609-16', 4622-26'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 4674-4764' 3,000 gal 15% NE, FE & LST 4378-4626' 41,000 gals 15% NE, FE & LST HCL ACID & 40,000 GALS MINI-MAX 2-B (30# FW-LR BORATE XL) GEL & 77,000# 20/40 BRADY SD
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28. Date First Production 10-18-89		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING				Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 12-7-89	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 44	Gas - MCF 34	Water - Bbl. 811	Gas - Oil Ratio 773
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 44	Gas - MCF 34	Water - Bbl. 811	Oil Gravity - API - (Corr.) 36.8°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD	Test Witnessed By RANDY DUTTON
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30. List Attachments
LOGS/C-104/DEVIATION SURVEYS

31. 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

Signature Charlotte Beeson Printed Name CHARLOTTE BEESON Title DRILLING CLERK Date 12-12-89

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 25 through 29 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 _____
T. Yates 2870'
T. 7 Rivers 3264'
T. Queen 3885'
T. Grayburg 4259'
T. San Andres 4658'
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubba _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. PREMIER 4592' _____
T. _____
T. _____
T. _____

Northwestern New Mexico

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

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzne _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES.

No. 1, from.....to.....
No. 2, from.....to.....

No. 3, from.....to.....
No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	1550	1550	Surface Rock, Red Beds				
1550	2848	1298	Salt, Anhydrite				
2848	3239	591	Sandstone, Dolomite				
3239	3857	617	Dolomite, Sandstone				
3857	4242	385	Sandstone, Anhydrite				
4242	4653	411	Dolomite, Sandstone				
4653	4803	150+	Dolomite				
	TD						

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DEC 17 1969

1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.