

Release Date: Nov 22, 1989



Union Texas Petroleum

4000 North Big Spring
Suite 500
Midland, Texas 79705
(915) 684-0600

6647

November 2, 1989

Oil Conservation Commission
The State of New Mexico
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Re: **Application for Downhole Commingling**
Union Texas Petroleum
Langlie "B" No. 1
Justis, Blinebry and Justis
Tubb-Drinkard Pools
Lea County, New Mexico

Gentlemen:

Union Texas Petroleum requests administrative approval for downhole commingling in its Langlie "B" No. 1 located 330 feet from the east line and 330 feet from the south line of Section 14, Township 25 South, Range 37 East, Lea County, New Mexico.

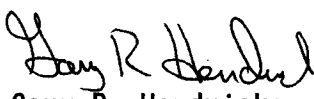
This well qualifies for administrative approval in accordance with State Wide Rule 303, Paragraph C; and in support thereof, the following facts are submitted.

1. The attached plat shows the Langlie "B" lease outlined in Red and is located in Unit Letter "P" of Section 14. An arrow shows the location of the subject well on the plat.
2. The well is currently completed in the Blinebry. Prior to being completed in the Blinebry, the well was a dual Blinebry and Tubb-Drinkard and approved by Commission Order DC-904. The Tubb-Drinkard was temporarily abandoned 12/12/73 and the well was completed as a single Blinebry producer. Today production in the Blinebry is marginally economic. The combined production of the Blinebry and Tubb-Drinkard will allow us to continue producing the subject well economically. We propose to pull the DR plug set in the Baker Model "N" packer set at 5646', mill out the Model "N" packer if necessary, and commingle downhole if this application is approved by the commission.

Application for Downhole Commingling
UTP - Langlie "B" No. 1
Page - 2 -

3. In March 1970, the Tubb-Drinkard zone prior to abandonment tested at a daily rate of 35 barrels of oil, 7 barrels of water and a GOR of 8200 to 1. The latest C-116 report test for the Blinbry shows a daily rate of 11 barrels of oil, 19 barrels of water and a GOR of 4091 to 1.
4. Union Texas realizes that total combined daily oil production from the Blinbry and the Tubb-Drinkard exceeds 30 BOPD. As per NMOCD rulings, 30 BOPD is the limit for a 5000'-5999' well. However, the Tubb-Drinkard has not been produced for 19 years and the Tubb-Drinkard reservoir pressure has been partially depleted since 1970. The 1988 NMOCD Annual Production Report shows no active Justis Tubb-Drinkard wells producing over 30 BOPD.
5. Neither zone produces more water then the combined oil limit as determined in Rule 303, Paragraph C.
6. The fluid produced from these pools have been commingled on the surface in other UTP operated leases for several years and no problems have been encountered to indicate incompatibility; therefore, there will be no damage to the reservoir.
7. The surface commingling resulted in no reduction of oil value; therefore, downhole commingling will not result in a lesser value.
8. The ownership of the zones to be commingled is common.
9. Attached is a production decline curve showing the monthly production of oil for each zone.
10. Bottom hole pressure is estimated to be less than 500 psig in both zones based on shut-in data on other UTP wells. The commingled production from both zones will be pumped.
11. Commingling in the wellbore will not jeopardize the efficiency of future secondary recovery operations in any of the zones.
12. Copies of this application have been furnished to offset operators. See Attachment No. 1 for listing.

Very Truly Yours,

 
Gary R. Hendricks
District Production Engineer

REP/ejw
3:rep00025

ATTACHMENT NO. 1
OFF SET OPERATORS TO
LANGLIE "B" NO. 1
Section 14, T-25-S, R-37-E
Lea County, New Mexico

ARCO OIL & GAS COMPANY
P.O. Box 1610
Midland, Texas 79702-1610

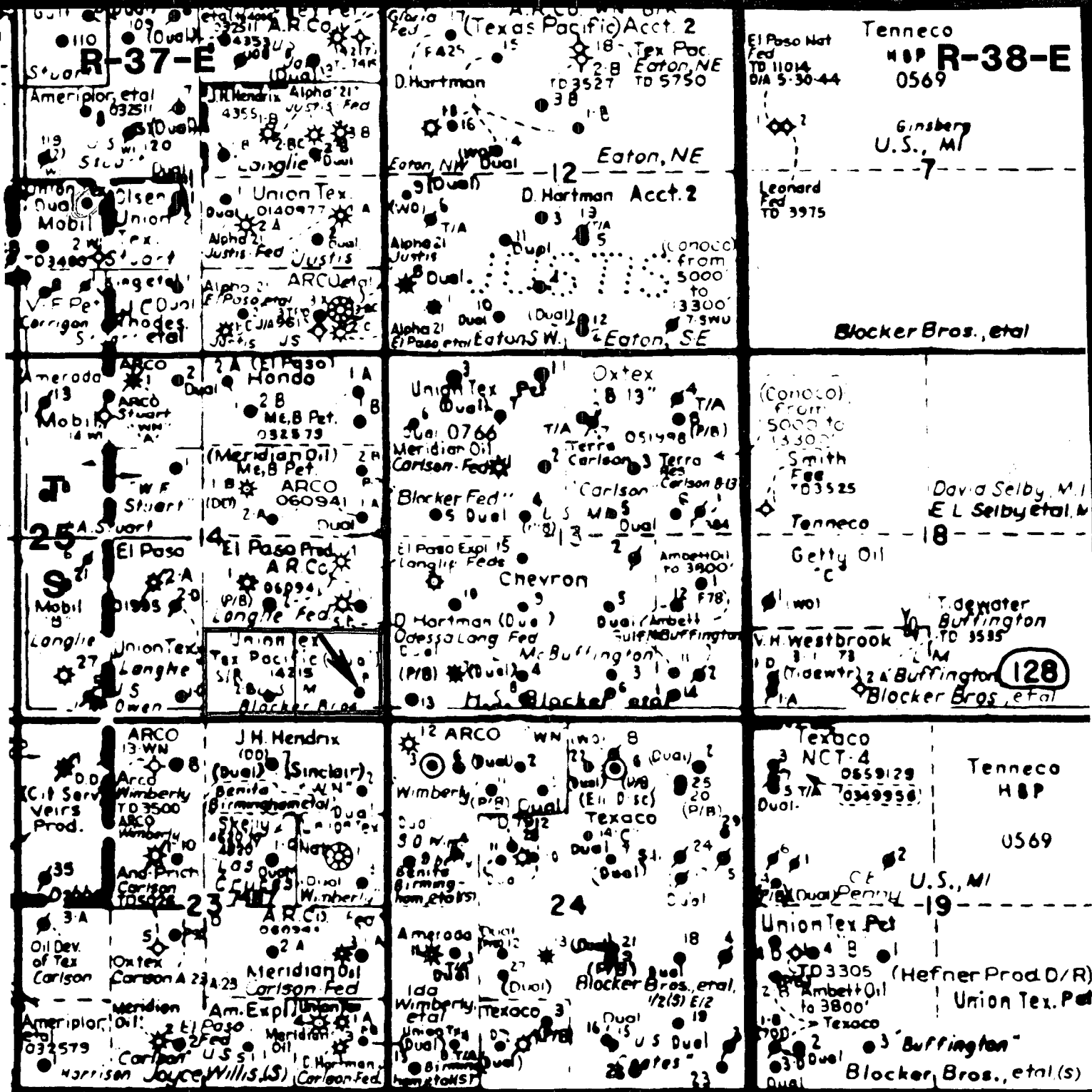
CHEVRON USA INC.
P.O. Box J
Section 732S
Concord, California 94524

DOYLE HARTMAN
500 N. Main
P.O. Box 10426
Midland, Texas 79702

JOHN HENDRIX
525 Midland Tower
Midland, Texas 79701

UNITED STATES DEPARTMENT
Of the Interior
Geological Survey
P.O. Box 1157
Hobbs, New Mexico 88240

REP/ejw
3:rep00026
11/02/89



40 Acres SE/4 of SE/4
Dedicated to Langlie "B" #1

UNION TEXAS PETROLEUM

JUSTIS FIELD

LEA COUNTY, NEW MEXICO

LAND PLAT

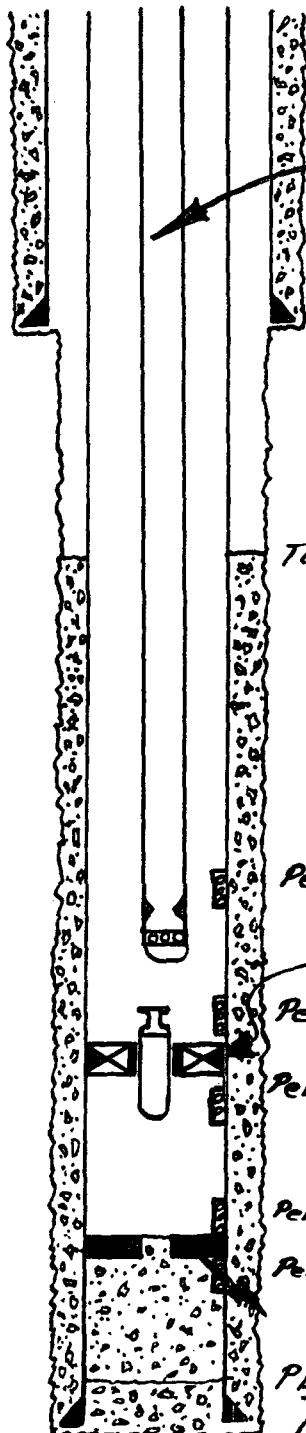


MIDLAND DISTRICT

GEOL.	DATE	GEOPH.	DATE	LAND	DATE	WELLS
					1/89	

UNION TEXAS PETROLEUM

FIELD: Justis (Blinebry/Tubb-Drinkard)
 LEASE: Langlie "B" WELL NO. 1
 DATE: 10/31/89 SPUDDED: 11/16/59 COMP. 2/2/60
 ELEV: 3100±K.B. 3099±D.F. 3091±G.L.
 LOCATION: 330' FEL + 330' FSL Unit letter "P"
Section 14 T-25-S, R-37-E
Lea County, New Mexico



179 joints J-55 4.7# EVE 8id Tbg
 221 3/4" KD rods w/ 2" x 1 1/2" x 16' pump

13 3/8" 48# H-40 set @ 839' w/ 700 sxs
 17 1/2 hole TOC: Surface (Circ)

TOC: 2100' (T.S.)

Perfs: 5375-86, 5408-13, 5450-70, 5484-5502 (1960) Blinebry
 Fraced w/ 10,000 gals oil + 50,000# sand.

Baker Model "N" Pkr set @ 5646' w/ DR plug sealing off
 shear-type. T.D.

Perfs: 5542-46, 5571-77, 5587-94, 5602-17 (36 holes) (1968) Blinebry
 Fraced w/ 5500 gallons wtr + 5500 # sand. Partial Frac. Comm.
 Perfs: 5668-70, 5690-95, 5714-27, 5740-53, 5763-70' (1968)
 Total 45 holes:
 Tubb-Drinkard

Perfs: 5797-5803, 5818-22, 5834-42, 5852-58, 5864-72 (1968)
 Total 37 holes: Fraced w/ 10,000 gal wtr 10,000# 20-40 sd.

Perfs: 5924-62' (1960) Drinkard
 Acidized w/ 250 gal. H.A. { SAZD 6/28/68 w/ 150 sxs
 Cement Retainer @ 5900'

PBTD: 5975'

7" 20#23 # J-55 set @ 5980' w/ 1170 sxs
 12 1/4" hole TOC: 2100' (T.S.)

T.D. 5980'

CSG DETAIL:

O-2012±23#J-55
 2012 - 5980±20#J-55

Submit 2 copies of appropriate
District Office
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-116
Revised 1/1/89

OIL CONSERVATION DIVISION

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

GAS - OIL RATIO TEST

Operator Union Texas Petroleum Corp.	Pool Justis Blinberry	County Lea
Address 4000 N. Big Spring, Suite 400 Midland, TX 79705		TYPE OF TEST - (X) ☒ TEST - (X)
LEASE NAME		Scheduled ☒ Completion ☐ Special ☐
Blocker	WELL NO. 7	LOCATION U S T R DATE OF TEST 5/31/89
Buffington	4	L 19 25 37 37 5/29/89
Carlson A	5	I 25 25 37 37 5/18/89
Carlson A	6	J 25 25 37 37 T A
Gregory Federal A	1	H 35 25 37 37 5/14/89
Langlie B	1	P 14 25 37 37 5/30/89
Langlie B	2	O 14 25 37 37 5/30/89
Langlie D	2	K 14 25 37 37 5/25/89
Stuart	6	C 11 25 37 37 5/31/89
Stuart	7	E 11 25 37 37 5/21/89
Stuart	8	E 11 25 37 37 5/10/89
		CHOKE SIZE TBG. PRESS. DAILY ALLOW-ABLE LENGTH OF TEST HOURS WATER PROD. DURING TEST GRAV. OK OIL BBL. GAS M.C.F. GAS - OIL RATIO CU FT/BBL.

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Signature Karen Friday

Printed name and title Karen Friday Production Analyst

Date 6-7-89 915 694-0600 Telephone No.

P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

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

Company or Operator Union Texas Petroleum Corp.

Address 4000 N Big Spring, Ste 400
Midland, TX 79705

For Month SEP 1989
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POOL NAME (Underline)

*Lease Name

WELL NO. UNIT SEC. TWP RANG.

JUSTIS BLINERY

STATUS	INJECTION		PRODUCTION			DISPOSITION OF GAS			DISPOSITION OF OIL			
	VOLUME	PRESS.	BARRELS OF OIL CONO. PRODUCED	BARRELS OF WATER PRODUCED	GAS PRODUCED (MCF)	DAYS PROD.	PROD.	OTHER	ON ON HAND AT BEG. OF MONTH	BARRELS TO TRANS. PORTER	TRANS. PORT. TER	OTHER

Blocker NM-0766

4 F 13 25S 37E

5 E 13 25S 37E

6 D 13 25S 37E

7 C 13 25S 37E

LEASE TOTAL

Buffington B

3 M 19 25S 38E

4 L 19 25S 38E

LEASE TOTAL

Carlson A NM-0766

1 J 25 25S 37E

3 N 25 25S 37E

4 M 25 25S 37E

5 I 25 25S 37E

6 J 25 25S 37E

LEASE TOTAL

Gregory A Federal LC-082510B

1 H 35 25S 37E

Langite B NM-14215

1 P 14 25S 37E

2 O 14 25S 37E

LEASE TOTAL

Langite D NM-01995

1 N 14 25S 37E

2 K 14 25S 37E

LEASE TOTAL

DISTRIBUTION

Original OCD Santa Fe

One Copy OCD Dist. Office

One Copy to Transporter (e)

DATE DUE

To be postmarked by 24th day of next succeeding month.

STATUS CODE

F. FLOWING

P. PLUMPING

G. GAS LIFT

S. SHUT IN

T. TEMP. ABANDONED

I. INJECTION

D. DISCONTINUED

OTHER GAS DESCRIPTION CODE

K. USED OFF LEASE

D. USED FOR DRILLING

G. GAS LIFT

L. LOST (MCF ESTIMATED)

E. EXPLANATION ATTACHED

R. REPAIRS MAINTENANCE

V. VENTED

OTHER OIL DESCRIPTION CODE

C. CIRCULATING OIL

L. LOST

S. SEDIMENTATION (G & W)

E. EXPLANATION ATTACHED

I. INERT

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

Production Analyst Karen Friday 915 684-0600

PHONE NUMBER

SIGNATURE Karen Friday

DATE 10/19/89

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 871 SANTA FE, NEW MEXICO

Tabb-Drinkard OPERATOR'S MONTHLY REPORT

MAR 1970

(Company of) Union Texas Petroleum Corporation (Address) 1300 Wilco Building-Midland, Texas for month of

Page 8 of 2

STATEWIDE FORM C-115 REV. 10-1-61
SUBMIT ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DRY OFFICE
ONE COPY TO TRANSPORTER

WELL NO. UNIT SEC. TWP. RND.			TOTAL LIQUIDS PRODUCED		DISPOSITION OF GAS					DISPOSITION OF OIL								
POOL NAME (UNDERLINE)	WELL STATUS	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED	GAS PRODUCED MCF	DAYS PROD.	VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS. PORTER	OTHER	C O D E	TRANS. PORTER	OIL ON HAND END OF MONTH
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																		
JUSTIS MCKEE UNIT (Cont'd)																		
Buffington "B"																		
3 M 19 25 S 37E	P	341	75	48	4	28												
4 L 19 25S 37E	P																	
Lease Total		341	75	48	4				4	EPG			225	-0-			TNM	300
Carlson "A" Federal NM-0766																		
1 J 25 25S 37E	P	248	0	0	0	0												
3 N 25 25S 37E	P	124	38	58	405	29												
4 M 25 25S 37E	P	160	178	56	903	28												
5 I 25 25S 37E	P	229	0	0	0	0												
Lease Total		1271	216	114	1308				1308	EPG			460	432			TNM	244
Carlson "B" Federal NM- 0766																		
1 P 23 25S 37E	S																	
2 H 26 25S 37E	P	279	192	58	0	27												
Lease Total		279	192	58	0				0	EPG			270	-0-			TNM	46
Langlie "B" Federal NM-0140978																		
1 P 14 25S 37E	P	930	1079	200	8860	10												
2 O 14 25S 37E	S																	
Lease Total		930	1079	200	8860				8860	EPG			692	961			TNM	810
LANGLIE MATTIX SEVEN RIVERS QUEEN																		
Blocher Federal NM 0766																		
1 C 13 25S 37E	P	62	41	16	2663	16												
2 F 13 25S 37E	P	93	60	16	3892	16												
3 D 13 25S 37E	P	93	61	16	3687	16												
Lease Total		248	162	48	10,242				10,242	EPG			216	188			TNM	190

STATUS CODE

F - FLOWING
P - PUMPING
G - GAS LIFT
S - SHUT IN
T - TEMP ABANDONED
I - INFLECTION

"OTHER" GAS DISPOSITION CODE

X - USED OFF LEASE
O - USED FOR DRILLING
G - GAS LIFT
L - LOST (MCF ESTIMATED)
E - EXPLANATION ATTACHED
R - REPRESSURING OR PRESSURE MAINTENANCE

"OTHER" OIL DISPOSITION CODE

C - CIRCULATING OIL
L - LOST
S - SEDIMENTATION (BSSA)
E - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Production Clerk

Signature
(SIGNATURE)

4-20-71
(DATE)

(POSITION)

Operator, Union Texas Petroleum Corporation

(Address) 1300 Wilco Building-Midland, Texas FOR MONTH OF

April 1970 Page 8 of 21

Tabb-Drinkard OPERATOR'S MONTHLY REPORT

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 871 SANTA FE, NEW MEXICO

STATEMID-10, 4-115 REV. 10-1-61
SUBMIT ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER

WELL NO. UNIT SEC. TWP. RND.	WELL STATUS	TOTAL LIQUIDS PRODUCED				GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL					
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED				VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS-PORTER	OTHER	C O D E	TRANS-PORTER
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																		
JUSTIS MCKEE UNIT (Cont'd)																		
Buffington "B"																		
3 M 19 25 S 37E	P	330	45	24	12	24												
4 L 19 25S 37E	P	51																
Lease Total		330	45	24	12	24				12	EPG		300	-0-			TNM	345
Carlson "A" Federal NM-0766																		
1 J 25 25S 37E	P	240	51															
3 N 25 25S 37E	P	120	32	240	425	30												
4 M 25 25S 37E	P	600	155	162	1422	27												
5 I 25 25S 37E	P	770	51															
Lease Total		1220								1847	EPG		244	-0-			TNM	431
Carlson "B" Federal NM-0766																		
1 P 23 25S 37E	S	51																
2 H 26 25S 37E	P	270	120	56	0	28				0	EPG		462	477			TNM	105
Lease Total		270	120	56	0	28				0	EPG		462	477				
Langlie "B" Federal NM-0140978																		
1 P 14 25S 37E	P	400	4	0	0	1												
2 O 14 25S 37E	S	400	4															
Lease Total		400	4	0	0					0	EPG		810	476			TNM	338
LANGLIE MATTHEW SEVEN RIVERS QUEEN																		
Blocker Federal NM 0766																		
1 C 13 25S 37E	P	60	39	30	3502	15												
2 F 13 25S 37E	P	90	58	63	3605	15												
3 D 13 25S 37E	P	90	59	26	3193	15												
Lease Total		240	156	119	10,300					10,300	EPG		190	183			TNM	163

"OTHER" GAS DISPOSITION CODE
X - USED OFF LEASE
R - USED FOR DRILLING
G - GAS LIFT
L - LOST (WCF ESTIMATED)
E - EXPLANATION ATTACHED
R - REPRESSURING OR PRESSURE MAINTENANCE

"OTHER" OIL DISPOSITION CODE
C - CIRCULATING OIL
L - LOST
S - SEDIMENTATION (BS&W)
E - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Production Clerk

(POSITION)

Theresa Thompson
(SIGNATURE) 5-15-70
(DATE)

OIL - BBLs/DAY

100

1000

1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995

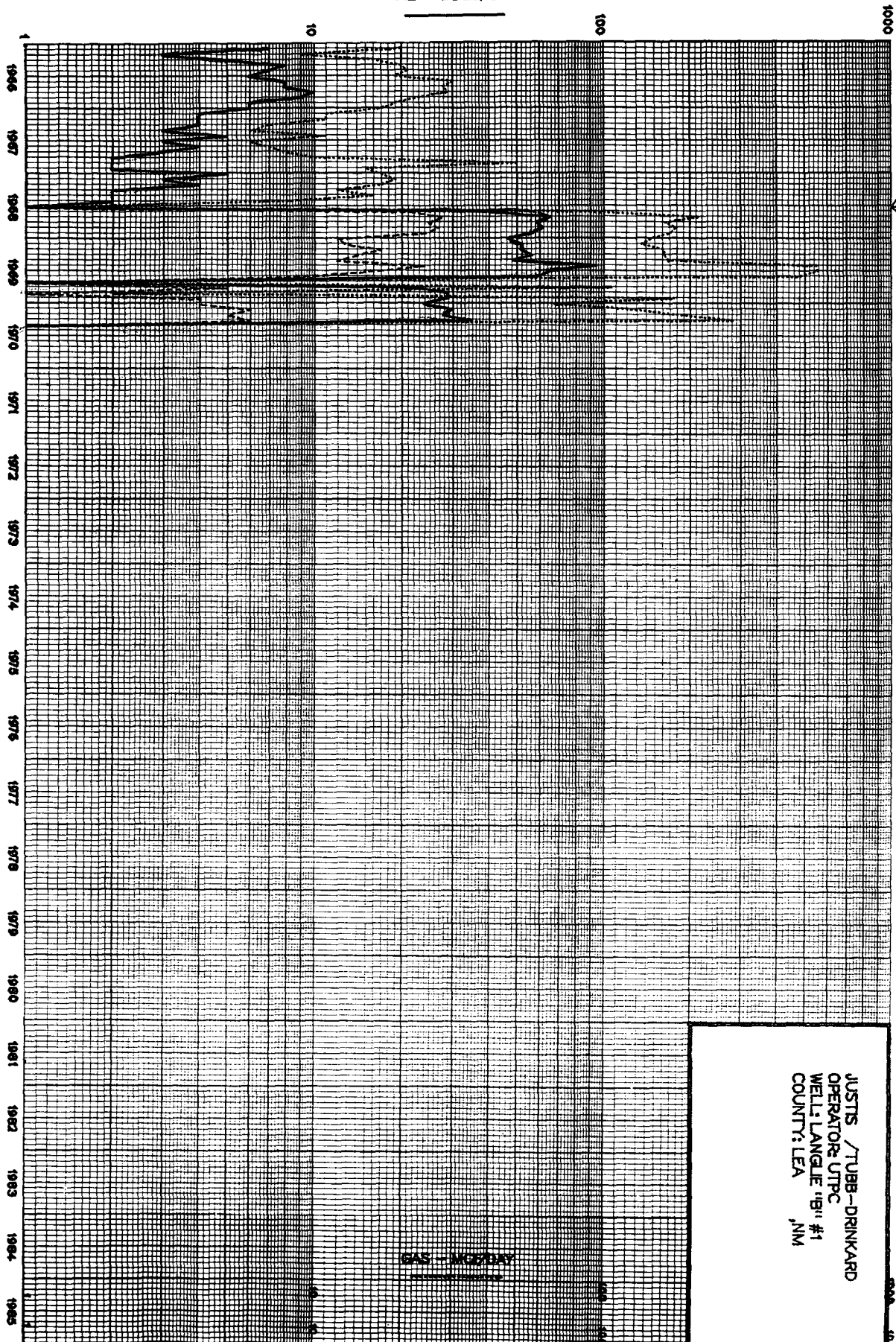
10

GAS - MCF/DAY

WATER - BBLs/DAY

WID: 347 CID: 348 (NDN)
JUSTS /BLINERY
OPERATOR: UTC
WELL: LANGLEY #1
COUNTY: LEA
NM

OIL - BBL/DAY



← Additional Tubb-Drinkard
Interval Added

Well Temporarily Abandoned

WATER - BBL/DAY