

WRS COMPLETION REPORT

COMPLETIONS

PI# 30-T-0019 09/26/88

SEC

27 TWP

21S RGE

37E

30-025-06805-0002

PAGE 1

NMEX

LEA

*

810FNL

660FWL SEC

NW NW

CONOCO INC

OPERATOR

8

LOCKHART "A-27"

WELL CLASS INIT FIN

WELL NO.

3419GR

OPER ELEV

PADDOCK

FIELD POOL AREA

08/29/1987

09/11/1987

LEASE TYPE NO

API 30-025-06805-0002

SPUD DATE

COMP. DATE

WO-UNIT

PERMIT OR WELL I.D. NO.

5440

NOT RPTD

TYPE TOOL

OIL-WO

PROJ. DEPTH

PROJ. FORM

CONTRACTOR

DTD 6630

PB 5440 OTD

6630 FM/TD DRINKARD

DRILLERS T.D.

LOG T.D.

PLUG BACK TD

OLD T.D.

FORM T.D.

LOCATION DESCRIPTION

1 MI N EUNICE, NM

TUBING DATA

TBG 2 7/8 AT 5273

INITIAL POTENTIAL

IPP 1BOPD

22

MCFD 149BW

PADDOCK PERF

W/

4/FT

5155- 5265 GROSS 24HRS

PERF 5155- 5165

5175- 5180

5185- 5190

5250- 5265

ACID 5155- 5265

138BBLS

15% NEFE HCL

GOR, GTY-NO DETAIL

PRODUCTION TEST DATA

DRINKARD PERF

PERF 6515- 6612

6515- 6612

BRPG @ 6510

6515- 6612

BRPG @ 6350

6515- 6612

BLINEBRY PERF

PERF 5510- 5760

5510- 5760

BRPG @ 5480

5510- 5760

DRILLING PROGRESS DETAILS

CONOCO INC

CONTINUED IC# 300257036988

Petroleum Information

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PI-WRS GET
Form No 187

COMPLETIONS
PI# 30-T-0019 09/26/88 SEC 27 TWP 21S RGE 37E
30-025-06805-0002 PAGE 2

D X DO

CONOCO INC
8

LOCKHART "A-27"

DRILLING PROGRESS DETAILS

BOX 460
HOBBS, NM 88240
505-393-4141
OWWO: OLD INFO: FORMERLY CONTINENTAL OIL #8
LOCKHART-FED A-27. SPUD 6/9/55. 13 3/8 @ 216
W/250 SX, 9 5/8 @ 2654 W/1350 SX, 7 @ 6629 W/650
SX. OTD 6630. COMP 7/28/55. IPF 280 MCFGPD.
PROD ZONE: BLINEBRY 5510-5760. IPF 170 BO.
PROD ZONE: DRINKARD 6515-6612. DUAL PRODUCER.
09/19 LOC/1988/
09/19 CMT FROM 6464-6510
CMT FROM 6310-6350
CMT FROM 5440-5480
09/19 6630 TD, PB 5440
COMP 9/11/87, IPP 1 BO, 22 MCFG, 149 BWPD,
GOR (NR), GTY (NR)
PROD ZONE - PADDOCK 5155-5265
FIRST REPORT & COMPLETION



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

May 8, 1987

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

Conoco Inc.
Box 460
Hobbs, NM 88240

Re: Packer Leakage Test -- Blinbry & Drinkard Pools
Lockhart A-27 #8-D
Section 27, T21S, R37E

Gentlemen:

The above-referenced well is hereby exempted from the packer leakage test scheduled for May 1987, pending the recompletion of the well to the Paddock zone.

Very truly yours,

OIL CONSERVATION DIVISION

Jerry Sexton
Supervisor, District I

ed

cc: Danny Shastid



Production Department
Hobbs Division
North American Production

Conoco Inc.
P.O. Box 460
726 East Michigan
Hobbs, NM 88240
(505) 393-4141

May 8, 1987

OK JS

New Mexico Oil Conservation Division
P. O. Box 1980
Hobbs, NM 88240

Attention Jerry Sexton

Dear Sir:

Conoco requests an extension to repairing the Lockhart A-27 No. 8 well which failed its packer leakage test and was to be repaired by May 10, 1987. We have an approved workover procedure in the field. The BLM approved the workover on 8-26-86 and Conoco approved the AFE on 9-25-86.

The problem that is delaying us is the road into the well. The well was shut-in in 1983 and the rancher built a corral where the road was. We have talked with the rancher and if needed we will cut his corral and drive thru to work on the well. There is a different route we could take. The alternate route does not have to go thru anyone's yard or corral, but we have a different landowner. We have been trying to obtain a right-of-way since January, 1987. As soon as we obtain a right-of-way to build a road into this well, we will build the road and start work on the well. If we have not obtained a right-of-way in three months we will go back to the original road.

Your approval of this request is appreciated.

E. L. Grant
Production Superintendent

tm



R. E. Irelan
Division Manager
Production Department
Hobbs Division
North American Production

Conoco Inc.
P.O. Box 460
726 East Michigan
Hobbs, NM 88240
(505) 393-4141

May 5, 1987

New Mexico Oil Conservation Division
P. O. Box 1980
Hobbs, NM 88240

Attention Jerry Sexton

Gentlemen:

Packer Leakage Test - Lockhart A-27 No. 8

Notification has been made to BLM and NMOCDD of our intention to abandon the Drinkard and Blinebry zones and recomplete to the Paddock zone on the following well:

Lockhart A-27 No. 8 - D-27-21S-37E

Due to delays in building the lease road into the subject well, we have not been able to recomplete the well at this time. We therefore request an exception to the package leakage test scheduled in May, 1987.

Yours very truly,

A handwritten signature in cursive script, appearing to read "R. E. Irelan".

CAM:jrr



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

TONEY ANAYA
GOVERNOR

April 10, 1986

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88240
(505) 393-6161

Conoco Inc.
P. O. Box 460
Hobbs, NM 88240

Re: Packer Leakage Test
Lockhart A 27 No. 8-D
Section 27, T-21-S, R-37-E

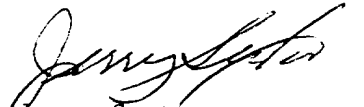
Gentlemen:

We are returning herewith packer leakage test on your Lockhart A 27,
8-D, 27-21-37.

Please repair this well and submit another packer leakage test.

Yours very truly,

OIL CONSERVATION DIVISION


Jerry Sexton
Supervisor, District I

JS:ds

12-4-86 - SI for no PHT per JS. - Eff. 1-1-87.

OK.

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator		Conoco Inc.			Lease		Lockhart A 27		Well No.		8	
Location of Well		Unit	Sec	Twp	Rge	County						
		D	27	21	37	Lea.						
		Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)		Choke Size			
Upper Compl	Blinbury			Gas (SI)	SI	csg		SI				
Lower Compl	Drinland.			Oil (SI)	SI	tbg		6/64				

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 3-31-86 @ 10:30 am.

Well opened at (hour, date): 4-1-86 @ 10:30 am. Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 400 335

Stabilized? (Yes or No)..... yes yes.

Maximum pressure during test..... 400 335

Minimum pressure during test..... 210 65

Pressure at conclusion of test..... 210 65

Pressure change during test (Maximum minus Minimum)..... -190 -270

Was pressure change an increase or a decrease?..... Dec. Dec.

Well closed at (hour, date): 4-2-86 @ 10:30 am. Total Time On Production 24 hrs.

Oil Production Gas Production

During Test: 0 bbls; Grav. _____; During Test 68 MCF; GOR -

Remarks Shows evidence of communication. Well normally S.I. open to flow for Pkr. Leakage Test.

FLOW TEST NO. 2

Well opened at (hour, date): _____ Upper Completion Lower Completion

Indicate by (X) the zone producing..... _____

Pressure at beginning of test..... _____

Stabilized? (Yes or No)..... _____

Maximum pressure during test..... _____

Minimum pressure during test..... _____

Pressure at conclusion of test..... _____

Pressure change during test (Maximum minus Minimum)..... _____

Was pressure change an increase or a decrease?..... _____

Well closed at (hour, date) _____ Total time on Production _____

Oil Production Gas Production

During Test: _____ bbls; Grav. _____; During Test _____ MCF; GOR _____

Remarks Zone not producing. Shut In. (Blinbury)

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

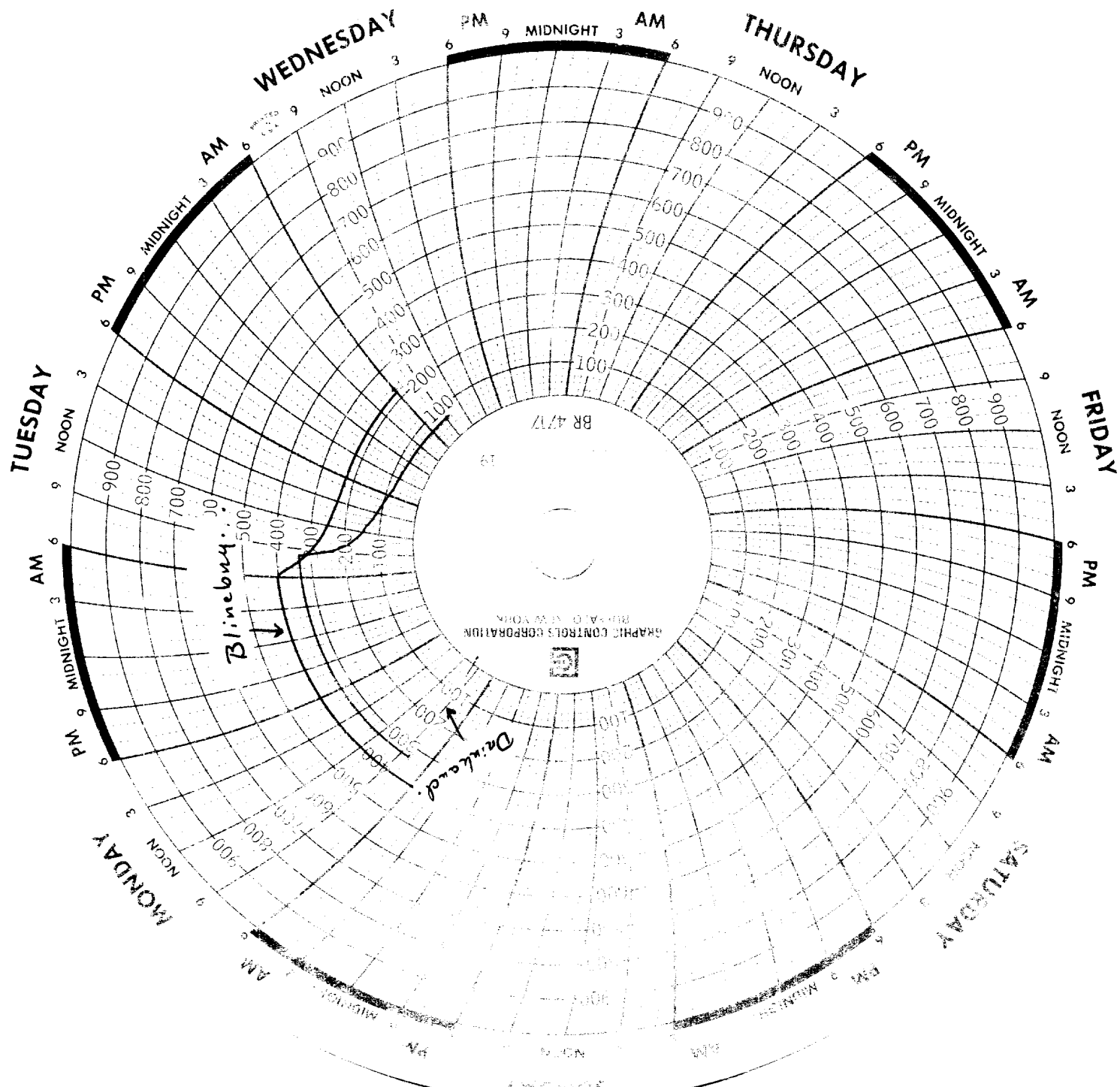
Approved _____ 19 _____
New Mexico Oil Conservation Commission

Operator Conoco Inc.

By T. E. Brooks.

By _____
Title _____

Title Production Technician
Date 4-3-86



RECEIVED
APR 8 1986
O.C.D.
HOBBS OFFICE

HOBBS DIVISION
AUTOMATIC WELL TEST DATA

WELL NAME & NO.: Lockhart A. 27[#] 8 POOL: Drainland
DATE & TIME ON: 4-1-56 @ 10:30 AM DATE & TIME OFF: 4-2-56 @ 10:30 AM
METHOD OF PRODUCING: flow CHOKE: 6/64 TP 1 C.P. 1
PUMP SIZE: _____ LENGTH OF STROKE: _____ " SPM _____

	OIL PRODUCTION	GAS PRODUCTION	WATER PRODUCTION
CLOSING READING: _____	<u>0</u>	<u>68</u>	<u>0</u>
OPENING READING: _____	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL: _____	<u>0</u>	<u>68</u>	<u>0</u>

GAS GRAVITY: _____ GAS TEMP: _____
GOR: _____ CALCULATED BY: T.E. Brooks
TEST TAKEN BY: T.E. Brooks PRODUCTION FOREMAN: _____ (Signature)
DATE TEST BOOK POSTED: _____ BY: _____

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <u>Conoco Inc.</u>		Lease <u>Lockhart A 27</u>		Well No. <u>8</u>	
Location of Well	Unit <u>D</u>	Sec <u>27</u>	Twp <u>21</u>	Rge <u>37</u>	County <u>Lea.</u>
Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size
Upper Compl	<u>Blinbury</u>	<u>Gas (SI)</u>	<u>SI</u>	<u>csg</u>	<u>SI</u>
Lower Compl	<u>Driland.</u>	<u>Oil (SI)</u>	<u>SI</u>	<u>tbg</u>	<u>6/64</u>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 3-31-86 @ 10:30 am.

Well opened at (hour, date): 4-1-86 @ 10:30 am. Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 400 335

Stabilized? (Yes or No)..... yes yes.

Maximum pressure during test..... 400 335

Minimum pressure during test..... 210 65

Pressure at conclusion of test..... 210 65

Pressure change during test (Maximum minus Minimum)..... -190 -270

Was pressure change an increase or a decrease?..... Dec. Dec.

Well closed at (hour, date): 4-2-86 @ 10:30 am. Total Time On Production 24 hrs.

Oil Production Gas Production

During Test: 0 bbls; Grav. _____; During Test 68 MCF; GOR -

Remarks Shows evidence of communication. Well normally S.I. open to flow for Pkr. Leakage Test.

FLOW TEST NO. 2

Well opened at (hour, date): _____ Upper Completion Lower Completion

Indicate by (X) the zone producing.....

Pressure at beginning of test.....

Stabilized? (Yes or No).....

Maximum pressure during test.....

Minimum pressure during test.....

Pressure at conclusion of test.....

Pressure change during test (Maximum minus Minimum).....

Was pressure change an increase or a decrease?.....

Well closed at (hour, date) _____ Total time on Production _____

Oil Production Gas Production

During Test: _____ bbls; Grav. _____; During Test _____ MCF; GOR _____

Remarks Zone not producing. Shut In. (Blinbury)

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

Approved _____ 19 _____
New Mexico Oil Conservation Commission

Operator Conoco Inc.
By T. E. Brooks.

By _____
Title _____

Title Production Technician
Date 4-3-86

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O.E.D.
HOBAS OFFICE

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

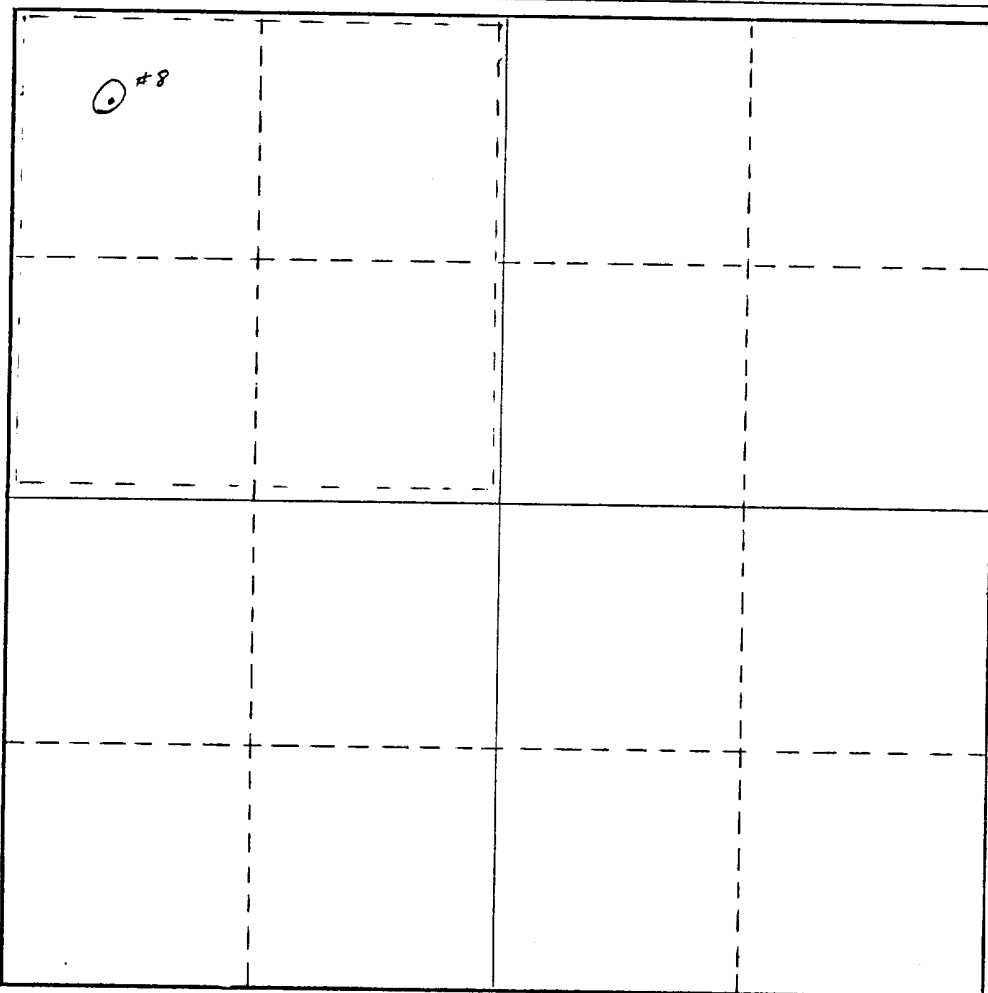
Operator CONTINENTAL OIL CO.			Lease LOCKHART A-27		Well No. 8
Unit Letter D	Section 27	Township 21-S	Range 37-E	County LEA	
Actual Footage Location of Well: 810 feet from the NORTH line and 660 feet from the WEST line					
Ground Level Elev.:	Producing Formation		Pool BLINEBRY GAS		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name _____
 Position
ADMINISTRATIVE SUPERVISOR
 Company
CONTINENTAL OIL CO.
 Date
10-17-72

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer
and/or Land Surveyor

Certificate No. _____

RECEIVED

Oct 25 1972

OIL CONSERVATION COMM.
HOBBS, N. M.

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TRANSPORTER	OIL GAS
PROBATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128
 Revised 5/1/57

OCT 3 10 24 AM '63

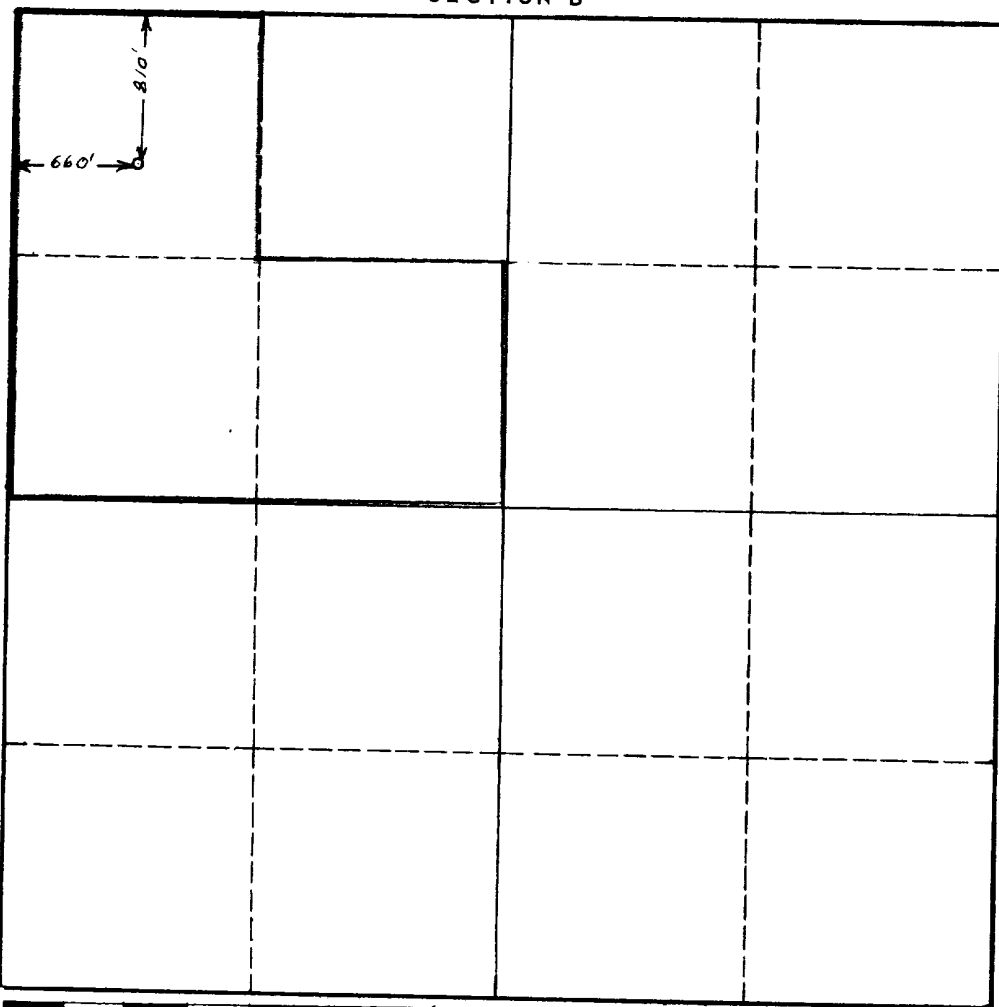
SECTION A

Operator Continental Oil Company			Lease Lockhart A-27		Well No. 8
Unit Letter D	Section 27	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Well: 810 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3419	Producing Formation Blinebry		Pool Blinebry (Gas)		Dedicated Acreage: 120 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ____ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ____ NO ____ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

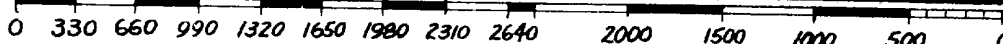
I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name JOHN D. HARRIS
Position District Superintendent
Company Continental Oil Company
Date 10-2-63

**Dist: NMOC-5 SW HFW
 ABS File**

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Registered Professional Engineer and/or Land Surveyor
Certificate No.



INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.

NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

DUPLICATE

Date 12/22/55 HOBBS OFFICE OCC

Continental
Operator

Lockhart A-27
Lease








7
1955 SEP Well No. 10:39

HOBBS
1955 SEP

Name of Producing Formation Blinebry Pool Blinebry

No. Acres Dedicated to the Well 160

SECTION 27 TOWNSHIP 21 RANGE 37

 1-T 1-E  7	 3-E  8		
2-E 4   1-S	4-E 		

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

Name W. B. Allen
Position District Superintendent
Representing Continental Oil Co.
Address Box 68, Eunice, N. M.

(over)

INSTRUCTIONS

1. Is this gas well a dual completion? Yes ☒ No ☐
2. If the answer to Question 1 is Yes, are there any other dually completed wells within the dedicated acreage? Yes ☐ No ☒

A separate plat must be filed for each gas well, outlining the area dedicated to such well and showing the location of all other wells (oil and gas) within the outlined area.

Mail in duplicate to the district office for the district in which the well is located.