

OPERATOR	LEASE			
BURLINGTON RESOURCES OIL & GAS COMPANY	CORBIN DELAWARE FEDERAL UNIT (Formerly: West Corbin SMD #4)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
4	UL-J, 2310' FSL & 2310' FEL	18	18S	33E

SchematicTabular Data

API# 30-025-25448

See attached current and
proposed schematic diagrams.Surface CasingSize 8-5/8" Cemented with 250 sx.TOC SURFACE feet determined by CIRCULATIONHole size 12-1/4"Intermediate CasingSize NONE Cemented with sx.TOC feet determined by Hole size Long stringSize 5-1/2" Cemented with 700 sx.TOC SURFACE feet determined by CIRCULATIONHole size 7-7/8"Total depth 5117'

Injection interval

5.026 feet to 5060 feet.
(perforated or open-hole, indicate which)

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-7/8" lined with IPC (material) set in a

BAKER IPC AD-1 (brand and model) packer at 4933' feet

(or describe any other casing-tubing seal.)

Other Data

1. Name of the injection formation DELAWARE
2. Name of Field or Pool (if applicable) WEST CORBIN DELAWARE
3. Is this a new well drilled for injection? ☐ Yes ☒ No
If no, for what purpose was the well originally drilled? WELL WAS A DRY HOLE. WELL WAS CONVERTED TO SALT WATER DISPOSAL IN 1978
ADMINISTRATIVE ORDER NO. SMD-205 DATED APRIL 27, 1978 ISSUED TO SOUTHLAND ROYALTY COMPANY. WILL CONVERT TO WIW.

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO OTHER ZONES PERFORATED.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. BONE SPRING 7800' AND WOLFCAVE 11,200'

Burlington Resources Oil & Gas Company

West Corbin Federal #4

API# 30-025-25448

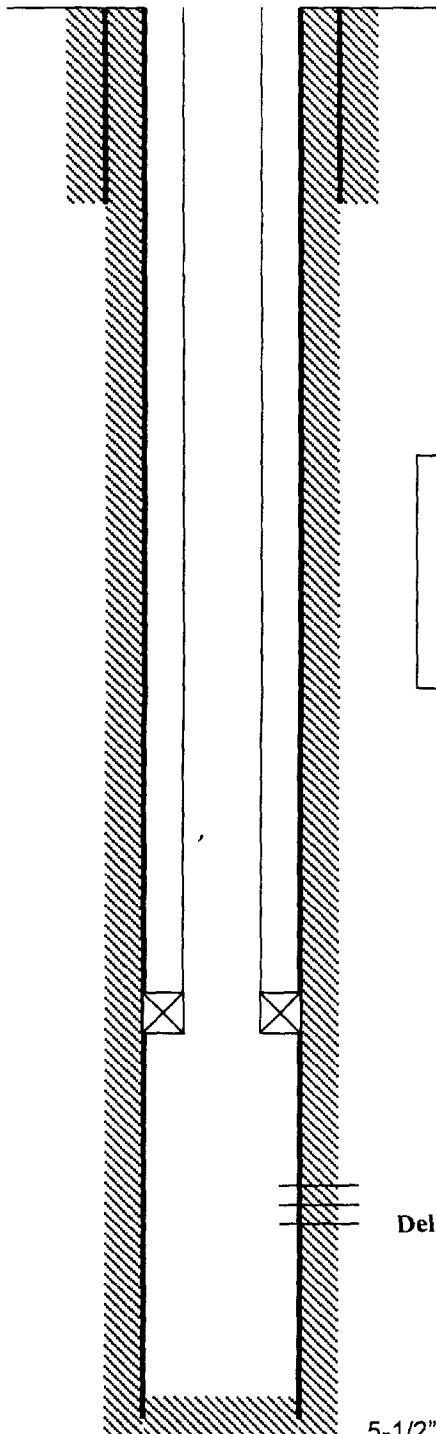
West Corbin Delaware Pool

UL-J, 2310' FSL & 2310' FEL

Sec. 18, T18S, R33E

Lea County, New Mexico

Current Completion



KB 3,848'
GL 3,840'

8-5/8" 24# K-55 Casing set at 340'. Cemented with 250 sx.
Top of Cement at surface (Circ).

Tubing Detail(7/7/89)

2-7/8" 6.5# J-55 IPC Tubing – 162 jts

IPC Seat Nipple (2.25" ID)

2-3/8" x2-7/8" XO Set at 4996'

Baker IPC AD-1 Packer

Set at 4933'

Delaware Perforations 5032'-5062', 1 SPF, 70 Holes

PBTD at 5,117'
TD 5,112'

5-1/2" 15.5# K-55 Casing set at 5,117'. Cemented with 700 sx. DV tool at 1443'.
Top at surface (Circ).

Burlington Resources Oil & Gas Company
Corbin Delaware Federal Unit #4
(Formerly: West Corbin Federal #4)
API# 30-025-25448
West Corbin Delaware Pool
UL-J, 2310' FSL & 2310' FEL
Sec. 18, T18S, R33E
Lea County, New Mexico

Proposed Completion

KB 3,848'
GL 3,840'

8-5/8" 24# K-55 Casing set at 340'. Cemented with 250 sx.
Top of Cement at surface (Circ).

Tubing Detail(7/7/89)

2-7/8" 6.5# J-55 IPC Tubing – 162 jts
IPC Seat Nipple (2.25" ID)
2-3/8" x2-7/8" XO Set at 4996'
Baker IPC AD-1 Packer
Set at 4933'

Delaware Perforations 5032'-5062', 1 SPF, 70 Holes

5-1/2" 15.5# K-55 Casing set at 5,117'. Cemented with 700 sx. DV tool at 1443'.
Top at surface (Circ).

PBTD at 5,117'
TD 5,112'

WELL DATA SHEET

Date: May 28, 1998

Well: West Corbin Federal #4
Field: West Corbin
Area: Lea County, New Mexico

Spud Date: 2/4/78
Completion Date: 3/18/78

Current Status: Delaware SWD
Current Rate: ?

Total Depth: 5,117'
PBTD: 5,112'
KB: 8' above GL.

Casing Record: 8-5/8" 24# K-55 @ 340' cmt'd w/ 250 sx. (Circ)
5-1/2" 15.5# K-55 LTC @ 5,117' cmt'd w/ 700 sx. DV tool at 1443'. (Circ).

Perforations:
Delaware A 5,032'-5,062' 1 spf 31 holes Open

Tubing Detail: See attached wellbore schematic.

Rod Detail: See attached wellbore schematic

Workover History.

2/25/78 Original Completion. Perforate Delaware from 5,032' to 5,062'. Acidize with 2,900 gallons 15% HCl and balls. Swab 100% water. SI.

5/30/78 Frac with 20,000 gallons gel and 20,000# 20/40 sand. Run Injection tubing.

6/13/78 Start injecting water at 170 BPM, 0 psi.

7/6/89 Frac with 27,000 gal gel and 50,000# 12/20 Brady sand. 1 - 5 ppg.

4/2/90 Maximum Injection Pressure increased to 1290 psig.

OPERATOR		LEASE	
BURLINGTON RESOURCES OIL & GAS COMPANY		CORBIN DELAWARE FEDERAL UNIT #22 (Formerly: West Corbin Federal #22)	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP
22	UL-F, 1980' FNL & 1780' FWL	18	18S
			33E

SchematicTabular Data

API# 30-025-30860

See the attached current and proposed wellbore sketches.

<u>Surface Casing</u>	
Size 8-5/8" Set @ 433'	Cemented with 280 sx.
TOC SURFACE	feet determined by CIRCULATION
Hole size 12-1/4"	
<u>Intermediate Casing</u>	
Size NONE	Cemented with sx.
TOC	feet determined by
Hole size	
<u>Long string</u>	
Size 5-1/2"	Cemented with 1350 sx.
TOC SURFACE	feet determined by CIRCULATION
Hole size 7-7/8"	
Total depth 5500'	
Injection interval	
5004 feet to 5088	feet.
(perforated or open-hole, indicate which)	

INJECTION WELL DATA SHEET --- SIDE 2

Tubing size 2-7/8" lined with IPC (material) set in a

BAKER LOCK-SET (brand and model) packer at 4930 feet
(or describe any other casing-tubing seal.)

Other Data

1. Name of the injection formation DELAWARE
2. Name of Field or Pool (if applicable) WEST CORBIN DELAWARE
3. Is this a new well drilled for injection? ☐ Yes ☒ No
If no, for what purpose was the well originally drilled? OIL PRODUCTION

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NO, PROPOSED SQUEEZE PERFS ARE 4942' - 4948'

W/25 SXS CMT +/-

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. BONE SPRING 7800', WOLFCAMP 11,200'

Burlington Resources Oil & Gas Company
West Corbin Federal #22
API# 30-025-30860
West Corbin Delaware Pool
UL-F, 1980' FNL & 1780' FWL
Sec. 18, T18S, R33E
Lea County, New Mexico

Current Completion

KB 3,896'
 GL 3,880'

8-5/8" 24# K-55 Casing set at 433'. Cemented with 280 sx.
 Top of Cement at surface (Circ).

Tubing Detail (6/6/96)

143 jts 2-7/8" 6.5# J-55
 TAC set at 4396'
 16 jts 2-7/8" 6.5# J-55
 Pump Barrel
 SN @ 4908'
 4' perf sub.
 1 jt mud anchor
 EOT at 4956'

Rod Detail (6/6/96)

Polish Rod - 26'
 1" Liner - 16'
 1" Pony rods - 20'
 7/8" N97 Rods 149 rods - 3725'
 1" N97 Rods 46 rods - 1150'
 Pony Rod - 2'
 2.25" pump - 16'

Delaware Perforations 4,942' to 4,948'. 14 holes

Delaware Perforations 5,004' to 5,008'. 10 holes

Delaware Perforations 5,026' to 5,060'. 70 holes

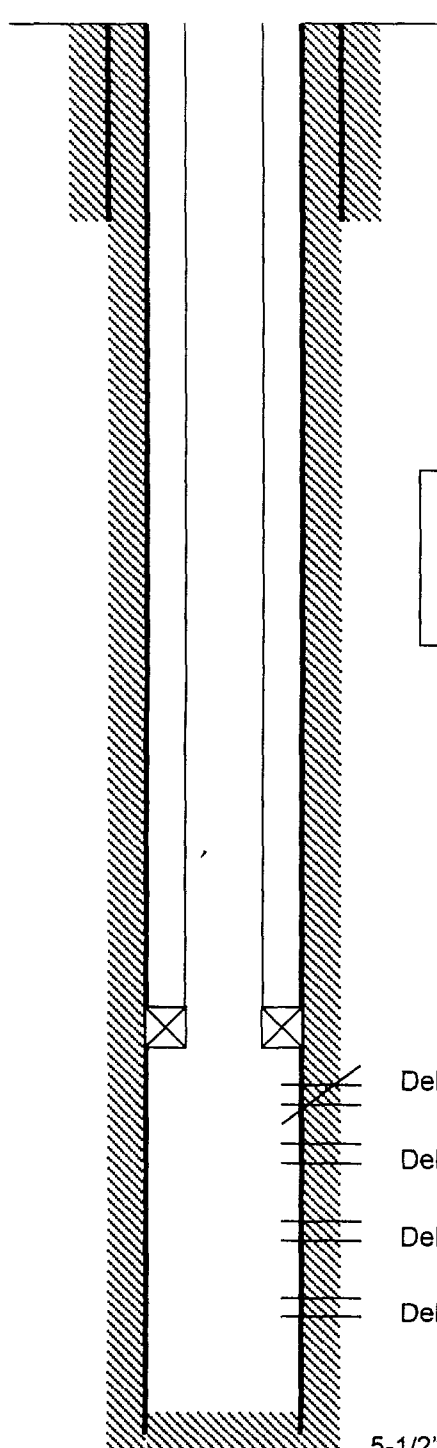
Delaware Perforations 5,084' to 5,088'. 10 holes

5-1/2" 15.5# K-55 Casing set at 5,500'. Cemented with 1350 sx.
 Top at surface (Circ).

PBTD at 5,446'
 TD 5,500'.

Burlington Resources Oil & Gas Company
Corbin Delaware Federal Unit #22
(Formerly the West Corbin Federal #22)
API# 30-025-30860
West Corbin Delaware Pool
UL-F, 1980' FNL & 1780' FWL
Sec. 18, T18S, R33E
Lea County, New Mexico

Proposed Completion



KB 3,896'
GL 3,880'

8-5/8" 24# K-55 Casing set at 433'. Cemented with 280 sx.
Top of Cement at surface (Circ).

Tubing Detail
2-7/8" 6.5# IPC tubing
Packer at 4,930'.
Baker LOK-Set pkr.

Delaware Perforations 4,942' to 4,948'. Squeezed.

Delaware Perforations 5,004' to 5,008'. 10 holes

Delaware Perforations 5,026' to 5,060'. 70 holes

Delaware Perforations 5,084' to 5,088'. 10 holes

5-1/2" 15.5# K-55 Casing set at 5,500'. Cemented with 1350 sx.
Top at surface (Circ).

PBD at 5,446'
TD 5,500'

WELL DATA SHEET

Date: May 28, 1998
Well: West Corbin Federal #22
Field: West Corbin
Area: Lea County, New Mexico

Spud Date: 4/14/90
Completion Date: 5/9/90

Current Status: Delaware Producer
Current Rate: 3 bo / 8 mcf / 158 bw (4/98)

Total Depth: 5,500'
PBTD: 5,446'
KB: 16' above GL.

Casing Record: 8-5/8" 24# K-55 @ 433' cmt'd w/ 280 sx. (Circ)
5-1/2" 15.5# K-55 LTC @ 5,500' cmt'd w/ 1350 sx. (Circ).

Perforations:

Delaware	YZ	4,942'-4,948'	2 spf	14 holes	Open
	YZ	5,004'-5,008'	2 spf	10 holes	Open
	A	5,026'-5,060'	2 spf	70 holes	Open
	B	5,084'-5,088'	2 spf	10 holes	Open

Tubing Detail: See attached wellbore schematic.

Rod Detail: See attached wellbore schematic

Workover History.

5/2/90 Original Completion. Perforate Delaware from 4,942' to 5,088'. Acidize with 2,400 gallons 7.5% HCl and balls. Swab 9 bph, 45% oil. Run production tubing and rods.

1/4/94 Swab on well.
5084-88' Swab dry, no entry
5026-60' minimal entry, 100% oil
4890-5015' swab 92 bbl oil, 43 bbl water.

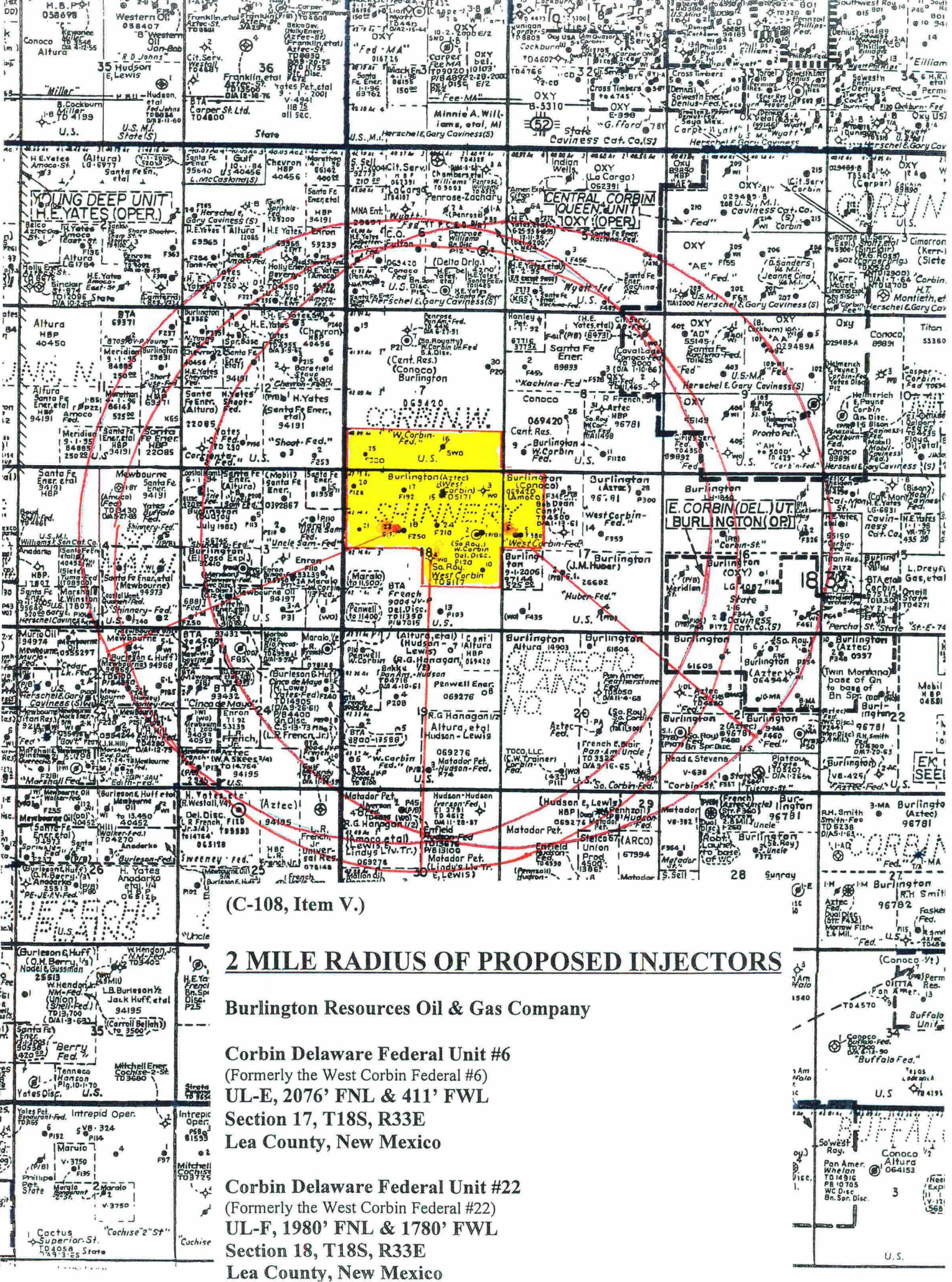
2/1/94 Frac with 54,500# 16/30 sand and 12,000 gallons gel. 3-12 ppg.
IPP 20 BOPD, 380 BWPD, 0 MCFD (2/21/94).

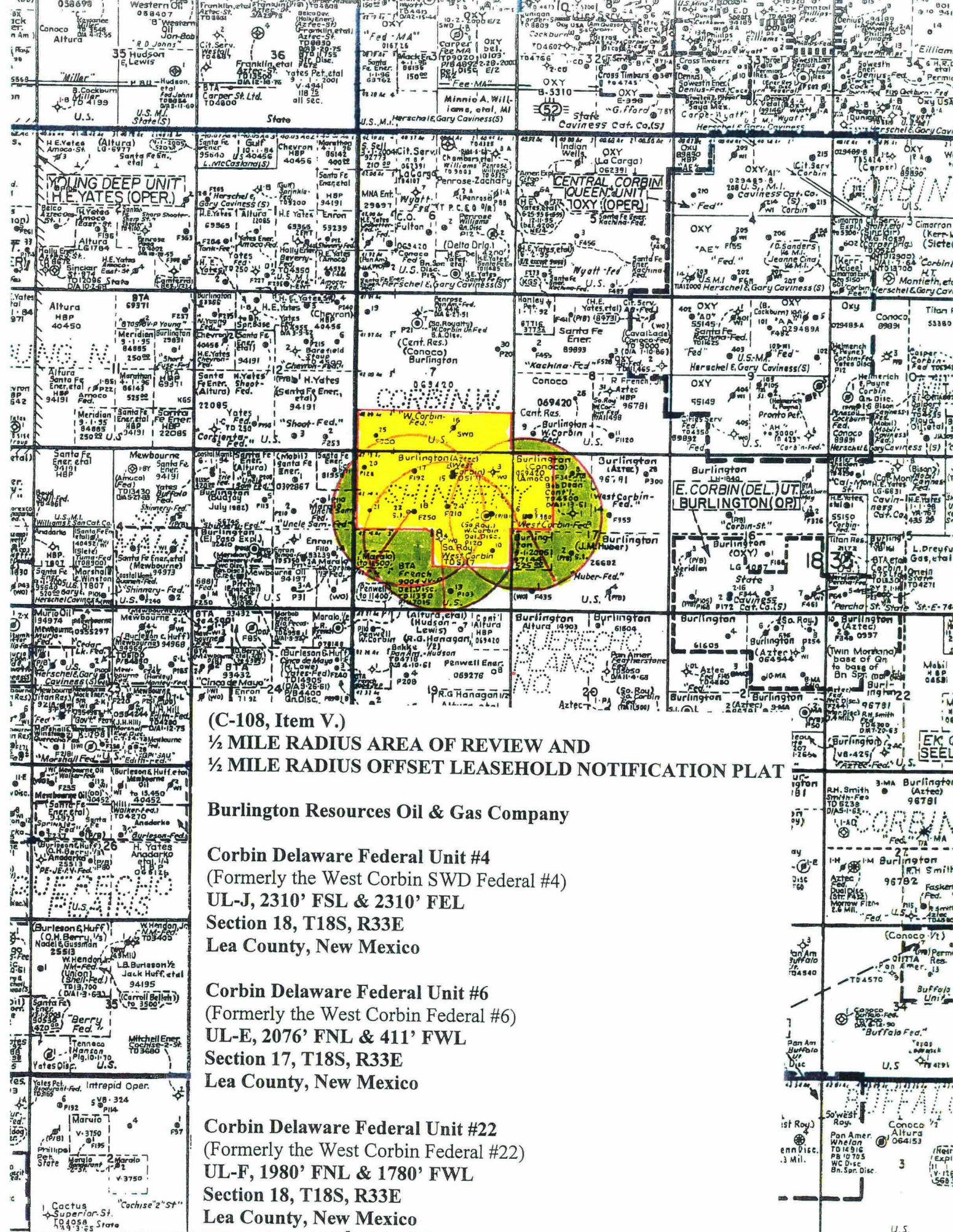
CORBIN (DELAWARE) UNIT
AREA OF REVIEW

SURFACE CASING										PRODUCTION CASING										
WELL NAME	OPERATOR	LOCATION	TYPE OF WELL	SPUD DATE	COMP DATE	TD PBD	COMP INTERVAL	SIZE	DEPTH	CEMENT	SIZE	DEPTH	CEMENT	PROD PERFS (ZONE)						
Continental-Fed #1	Bob Dean, Ltd	1980 FNL 1980 FWL SEC 17, T18S, R33E	D&A-O	12/26/60	1/12/61	4,500		8 5/8"	246'	150 SX				D&A-O						
TOC									Surf		PERFS:	No Perfs								
W. Corbin Fed #5	Southland Roy	2080 FNL 560 FWL Sec 17, T18S, R33E	Oil	6/29/85	8/29/85	11,427	11,049 -	13 3/8	354	400 SX	5 1/2	11,427	1,000	Wolfcamp						
						11,261	11,260													
						TOC						5,310'	PERFS:	11,049	11,333					
Huber "17" Fed #1	Southland Roy	660 FSL 660 FWL Sec 17, T18S, R33E	Oil	10/2/85	1/3/86	11440	10,870 -	13 3/8	358	400 SX	5 1/2	11,440	1,200	Wolfcamp						
						11,000	10,910					TOC				4,100'	PERFS:	10,870	11,223	
						Huber "17" Fed #1	Southland Roy					660 FSL 660 FWL Sec 17, T18S, R33E	Oil	10/18/89	11/17/89	11,440	8,504 -	13 3/8	358	400 SX
8,699	8,628	TOC						4,100'	PERFS:	8,504	9,372									
Huber "17" Fed #2	Southland Roy	1980 FSL 1980 FWL Sec 17, T18S, R33E	Oil	5/28/86	7/31/86			11,450	10,766 -	13 3/8	653					400 SX	5 1/2			
						10,857	10,886	TOC				Surf	PERFS:	10,766	10,886					
						Huber "17" Fed #2	Southland Roy	1980 FSL 1980 FWL Sec 17, T18S, R33E	Oil			8/28/91	9/28/91	11450	5,080 -			13 3/8	653	400 SX
8,965	5,220	TOC								Surf	PERFS:			5,080	5,220					

AREA OF REVIEW

WELL NAME	OPERATOR	LOCATION	TYPE OF WELL	SPUD DATE	COMP DATE	TD PBTD	COMP INTERVAL	SIZE	DEPTH	CEMENT	SIZE	DEPTH	CEMENT	PROD PERFS (ZONE)
W. Corbin Fed #4	Aztec	2310 FSL 2310 FEL Sec 18, T18S, R33E	D&A-O	2/4/78	3/18/78	5,117		8 5/8	340	250 SX	5 1/2	5,177	700	D & A
TOC														
		1980 FSL 660 FEL Sec 18, T18S, R33E	Oil	10/9/88	1/20/89	11,450 11,450	10,858 - 11,330	13 3/8	360	370 SX	5 1/2	11,450	1,712	Wolfcamp
W. Corbin Fed #10	Southland Roy							TOC	978'		PERFS:	10,858	11,330	
TOC														
		660 FNL 1980 FEL Sec 18, T18S, R33E	Oil	4/18/89	6/3/89	11,450 11,405	10,880 - 11,318	13 3/8	347	375 SX	5 1/2	11,450	1,755	Wolfcamp
W. Corbin Fed #12	Southland Roy							TOC	715'		PERFS:	10,880	11,318	
TOC														
		810 FNL 1980 FEL Sec 18, T18S, R33E	Oil	9/15/89	10/11/89	5,500	4,950 - 4,961	8 7/8	380	220 SX	5 1/2	5,472	1,650	Delaware
W. Corbin Fed #15	Southland Roy							TOC	Surf		PERFS:	4,950	4,961	
TOC														
		660 FNL 1980 FWL Sec 18, T18S, R33E	Oil	11/22/89	12/20/89	5,520	4,902 - 5,006	8 5/8	368	310 SX	5 1/2	5,520	1,280	Delaware
W. Corbin Fed #17	Southland Roy							TOC	Surf		PERFS:	4,902	5,006	
TOC														
		1980 FNL 1980 FWL Sec 18, T18S, R33E	Oil	11/8/89	12/3/89	11,532 11,515	11,274 - 11,302	13 3/8	350	350	5 1/2	11,500	2,100	Wolfcamp
W. Corbin Fed #18	Southland Roy							TOC	2900'		PERFS:	11,032	11,476	





(C-108, Item V.)

1/2 MILE RADIUS AREA OF REVIEW AND

1/2 MILE RADIUS OFFSET LEASEHOLD NOTIFICATION PLAT

Burlington Resources Oil & Gas Company

Corbin Delaware Federal Unit #4

(Formerly the West Corbin SWD Federal #4)

UL-J, 2310' FSL & 2310' FEL

Section 18, T18S, R33E

Lea County, New Mexico

Corbin Delaware Federal Unit #6

(Formerly the West Corbin Federal #6)

UL-E, 2076' FNL & 411' FWL

Section 17, T18S, R33E

Lea County, New Mexico

Corbin Delaware Federal Unit #22

(Formerly the West Corbin Federal #22)

UL-F, 1980' FNL & 1780' FWL

Section 18, T18S, R33E

Lea County, New Mexico

Computer Processed Log

by Hydrocarbon Data Systems, Inc.

FILE NUMBER

Company:	Southland Royalty
Well Name:	West Corbin No. 4
Field Name:	Corbin Delaware West
County:	Lea

State: New Mexico

API No.

30-025-25448

Location: UL-J, 2310' FSL. & 2310' FEL
Section: 18 Twnshp: 18S Range: 33E

Other Services:

Permanent Datum:

Elev.

Elevations:

Logging Measured From:

Ft. above P.D.: 0

KB: 3848.4

DF: U

GL: 0

Run No.	1
Date	2/17/78
Depth-Driller	5110.000
Depth-Logger	5100.000
Btm. Log Interval	5099.000
Top Log Interval	
Casing - Driller	350.000
Casing - Logger	340.000
Bit Size	7.875
Type Fluid in Hole	Salt Mud
Den. / Vis.	10.200 / 46.000
Ph / Fluid Loss	/ 15.000
Source of Sample	Pit
Rm @ Meas. Temp.	0.072 @ 65.000
Rmf @ Meas. Temp.	0.060 @ 68.000
Rmc @ Meas. Temp.	
Source: Rmf / Rmc	Measured
Time Since Circ.	
Rec. Temp.	108.000

FORM C-108
ITEM NO. X

Witnessed by

Log Analysis by

0	PERDOL	1	MD	0	Swa	100	30	PhiDc	-10
			Feet	0	Sxo	100			

4900

UYZ-UM

4950

LYZ

5000

A-UM

A-LM

5050

B

5100

Log Footer Notes

Processed by
HDS - Log Analysis Program - for Windows
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FORM C-108
ITEM NO. X

Comment 1: 3/10/78 Swab 100% formation water 132 BWPD 3/30/78 12/15/87
Comment 2: 8/13/78 First Injection 170 BPM on Vacuum 12/15/87 Repair hol

Formation Top Data			
<u>No.</u>	<u>Name</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
1	UYZ-UM	4933.000	
2	LYZ	4996.000	
	A-UM	5030.000	
4	A-LM	5046.000	
5	B	5083.000	

Pay Zone Cutoff Filters			
<u>No.</u>	<u>Name</u>	<u>Low Filter</u>	<u>High Filter</u>
1	PhiDc	8.000	

Perforation Data			
<u>No.</u>	<u>Perf Name</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
1		5032.000	5062.000

HDS

Computer Processed Log

by Hydrocarbon Data Systems, Inc.

FILE NUMBER

Company: MERIDIAN OIL COMPANY

Well Name: WEST CORBIN FEDERAL #6

Field Name: S. Corkin (Delaware)

County: Lea

State: New Mexico

API No. 30-025-30430

Location: UL-E, 2076' F.W.L. + 411' F.W.L.

Other Services:

Section: 17 Twshp: 18S Range: 33E

Permanent Datum:

Elev.

Elevations:

Logging Measured From:

Ft. above P.D.: 0

KB: 3892

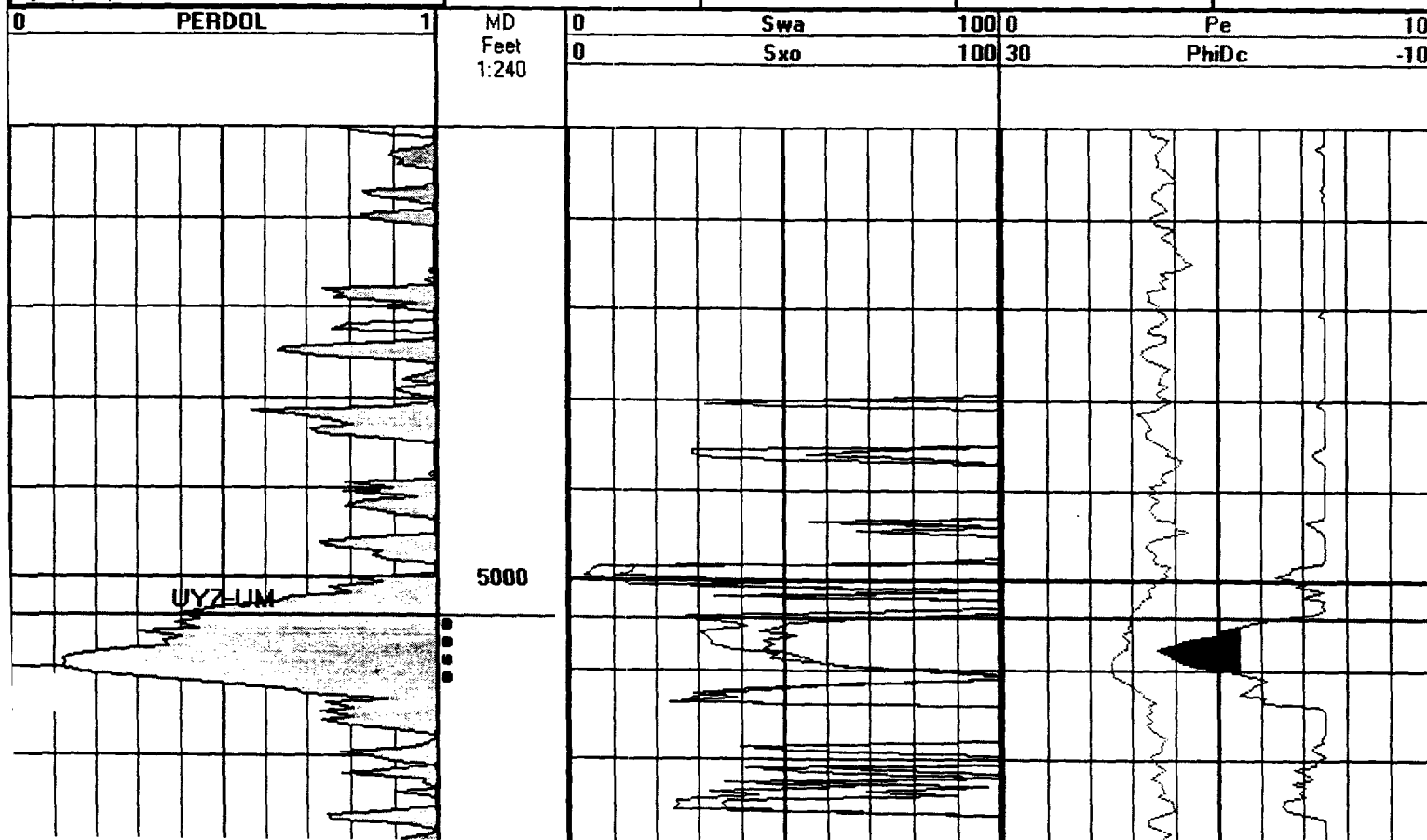
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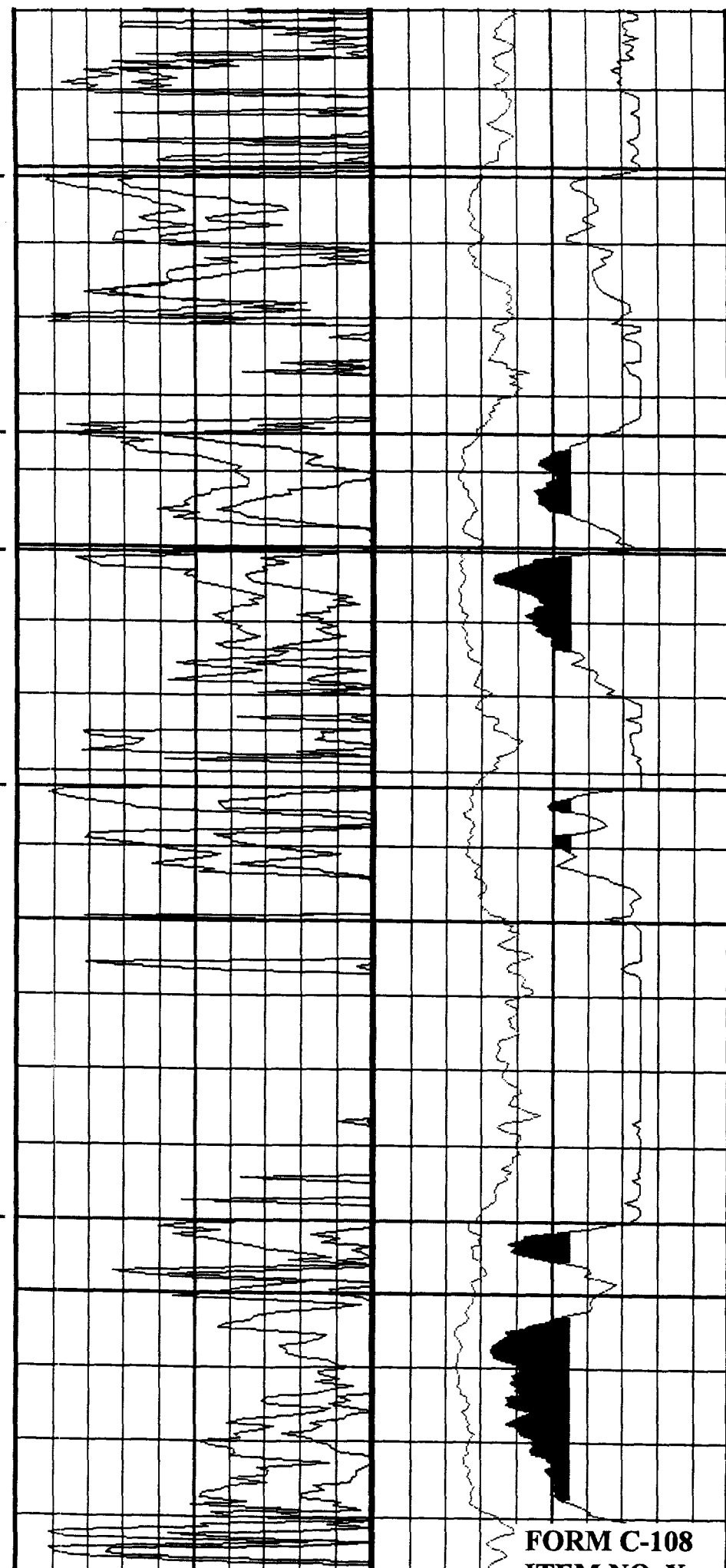
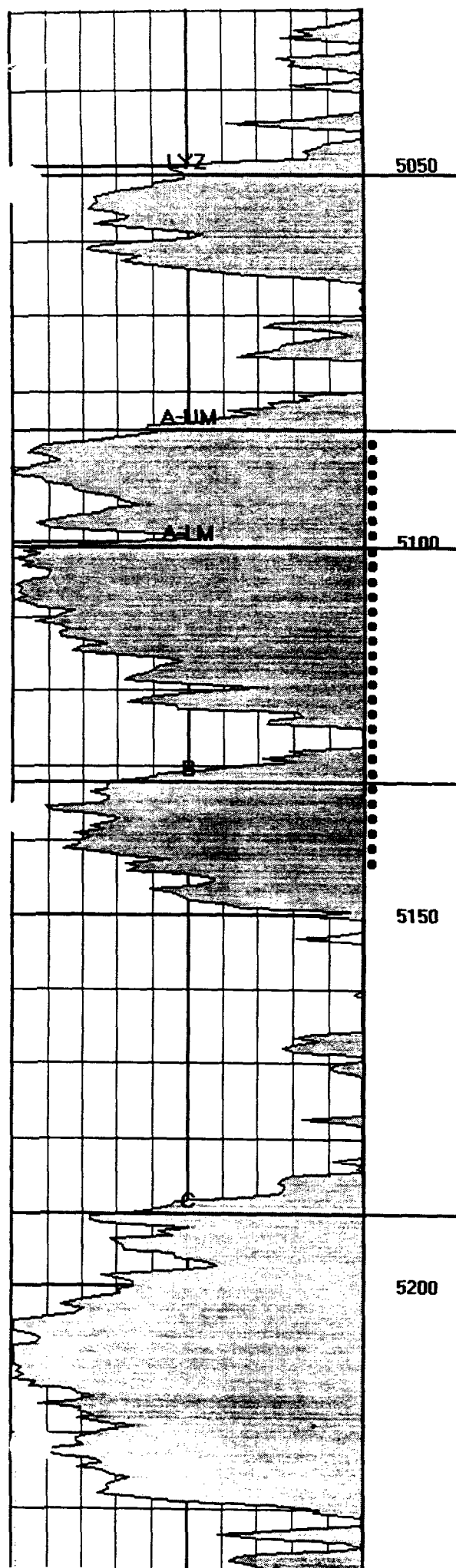
GL: 0

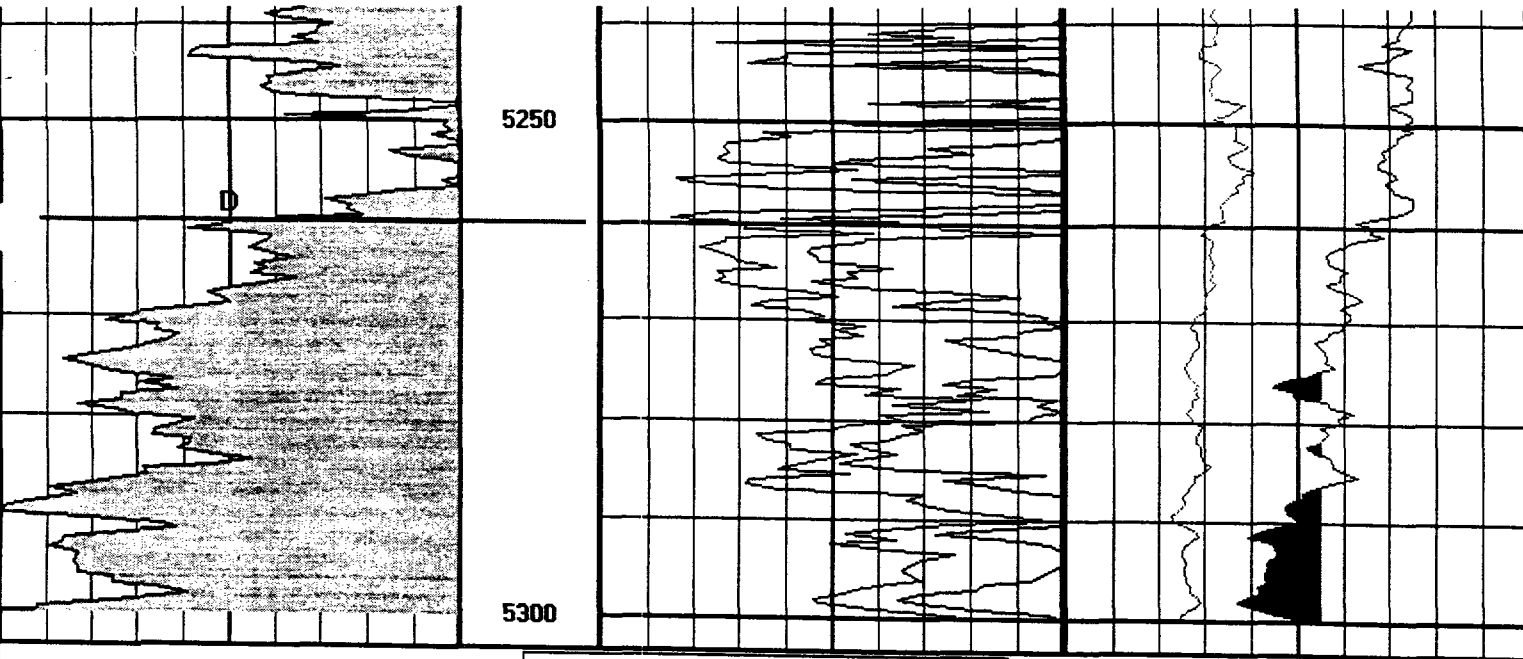
Drilling Measured From:

Run No.	1			
Date	5/2/89			
Depth-Driller	5450.000			
Depth-Logger	5453.000			
Btm. Log Interval	5451.000			
Top Log Interval	378.000			
Casing - Driller	375.000			
Casing - Logger	378.000			
Bit Size	7.875			
Type Fluid in Hole				
Den. / Vis.				
Ph / Fluid Loss				
Source of Sample	Pit			
Rm @ Meas. Temp.				
Rmf @ Meas. Temp.				
Rmc @ Meas. Temp.				
Source: Rmf / Rmc	Calculated			
Time Since Circ.				
Rec. Temp.	500.000			
ded by				
Witnessed by				
Log Analysis by				

FORM C-108
ITEM NO. X







Log Footer Notes

Processed by
HDS - Log Analysis Program - for Windows
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Date: 05-01-1997 Time: 10:41:56
Comment 1: 6/12/89 61 BOPD, 186 BWP/D, 35 MCF/D

Formation Top Data			
<u>No.</u>	<u>Name</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
1	UYZ-UM	5004.000	
2	LYZ	5051.000	
3	A-UM	5085.000	
4	A-LM	5100.500	
5	B	5132.000	
6	C	5190.000	
7	D	5260.000	

Pay Zone Cutoff Filters			
<u>No.</u>	<u>Name</u>	<u>Low Filter</u>	<u>High Filter</u>
1	PhiDc	8.000	
2	Swa		60.000

Perforation Data			
<u>No.</u>	<u>Perf Name</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
1		5004.000	5012.000
2		5086.000	5144.000

HDS

Computer Processed Log

by Hydrocarbon Data Systems, Inc.

FILE NUMBER

Company: MERIDIAN OIL INC.

Well Name: WEST CORBIN FEDERAL NO. 22

Field Name: West Corbin

County: Lea

State: New Mexico

API No.

30-025-30860

Location:

UL-F, 1980' FNL + 1780' FWL

Other Services:

Section:

18

Twnshp:

18S

Range:

33E

Permanent Datum:

Elev.

Elevations:

Logging Measured From:

Ft. above P.D.:

0

KB: 3896

DF: u

GL: u

Drilling Measured From:

Run No.

Date 4/22/60

Depth-Driller 5500.000

Depth-Logger 5497.000

Btm. Log Interval 5494.000

Top Log Interval 50.000

Casing - Driller 435.000

Casing - Logger 432.000

Bit Size 7.875

Type Fluid in Hole Brine

Den. / Vis. 10.000 / 28.000

Ph. / Fluid Loss 10.000 /

Source of Sample Pk

Rm @ Meas. Temp. 0.102 @ 70.000

Rml @ Meas. Temp. 0.093 @ 70.000

Rmo @ Meas. Temp.

Spurce: Rml / Rmo Measured

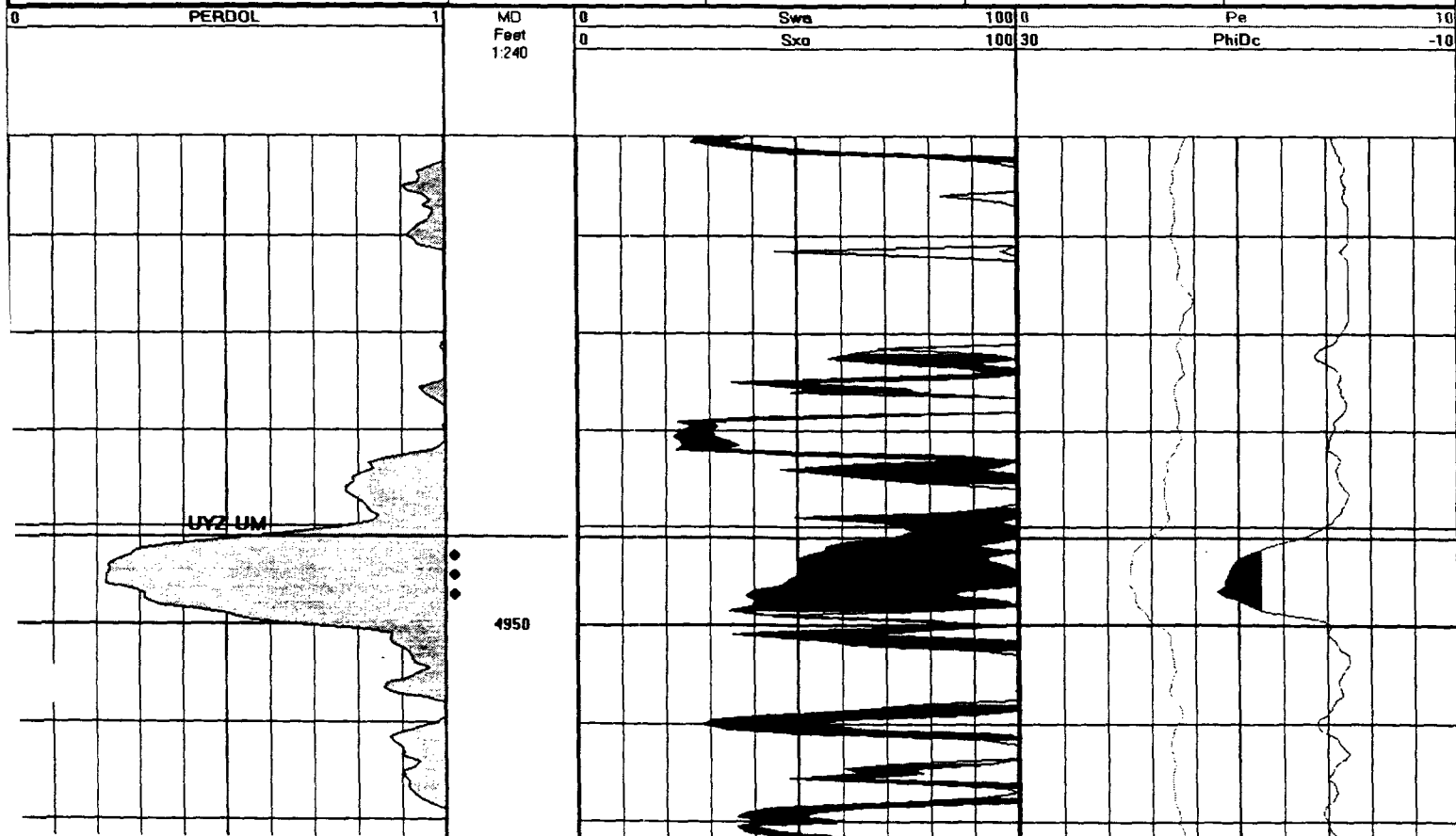
Time Since Circ.

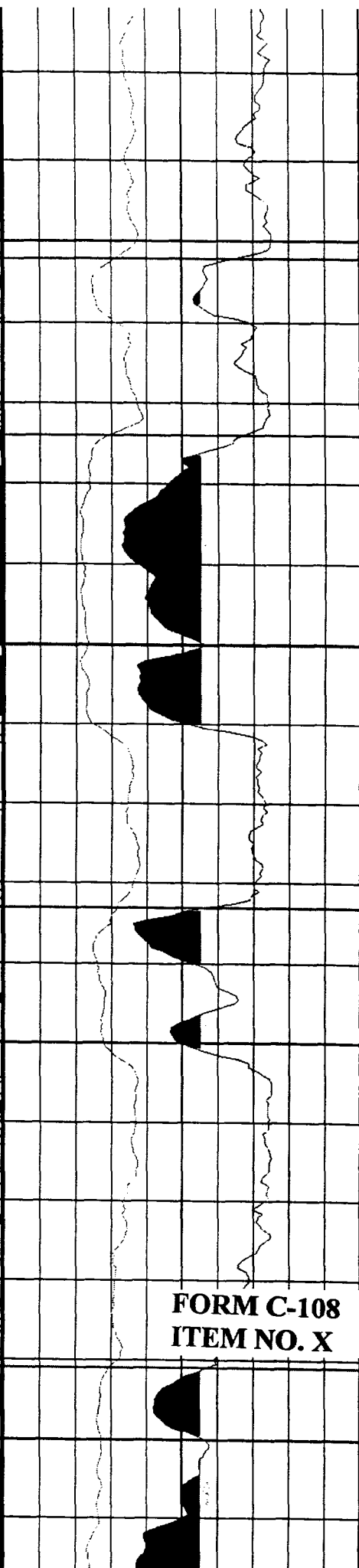
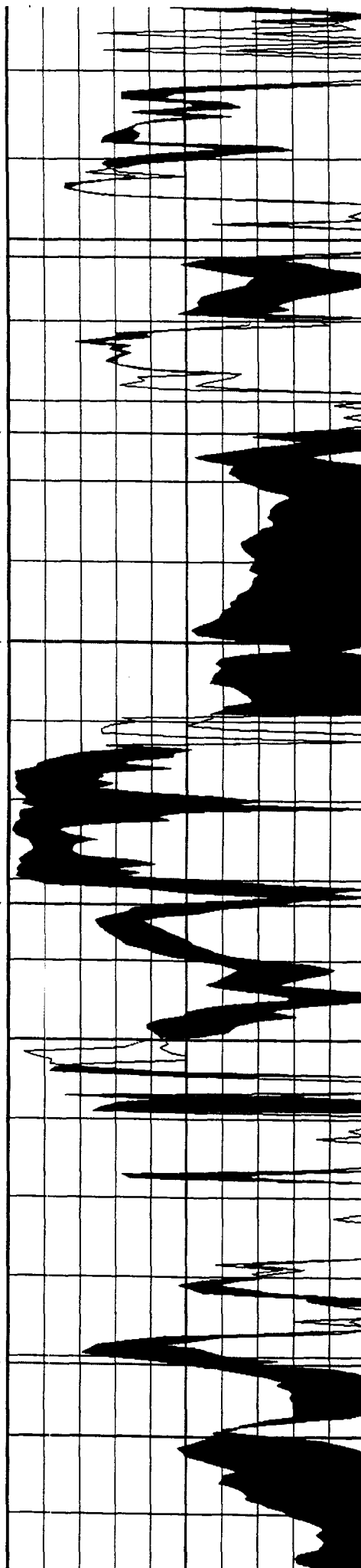
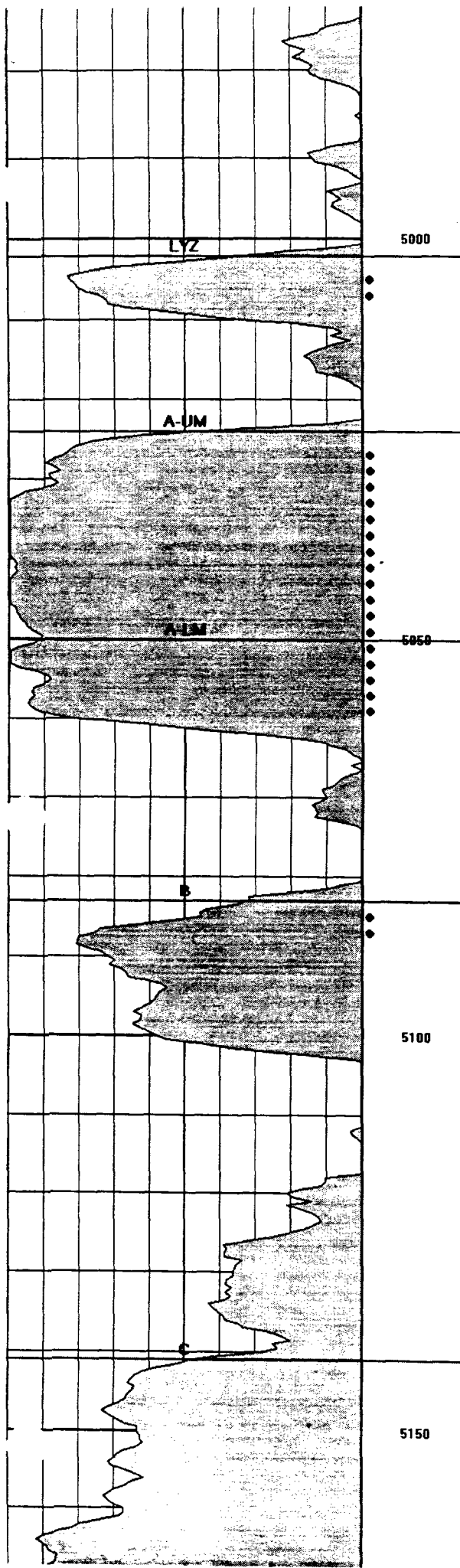
C. Temp. 116.000

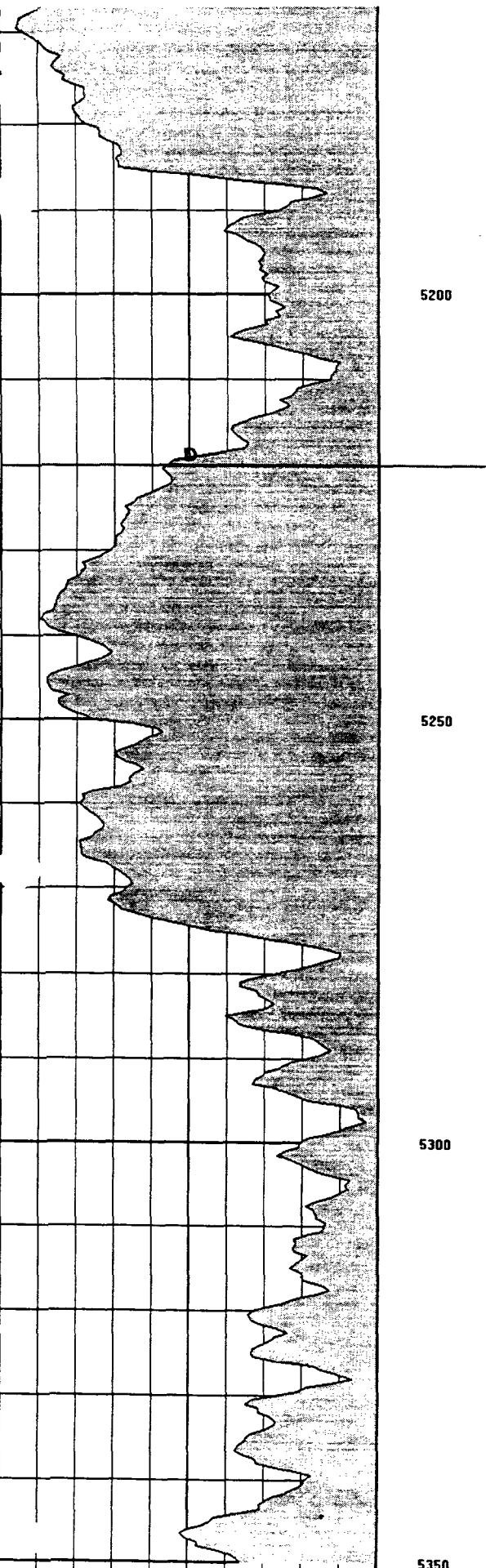
Reviewed by

Witnessed by

Log Analysts by

FORM C-108
ITEM NO. X



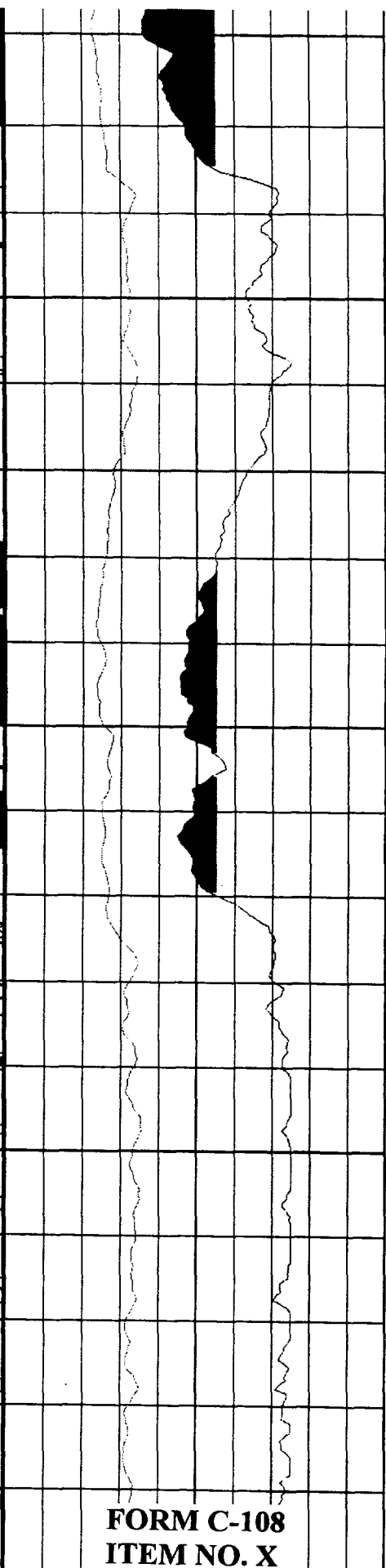
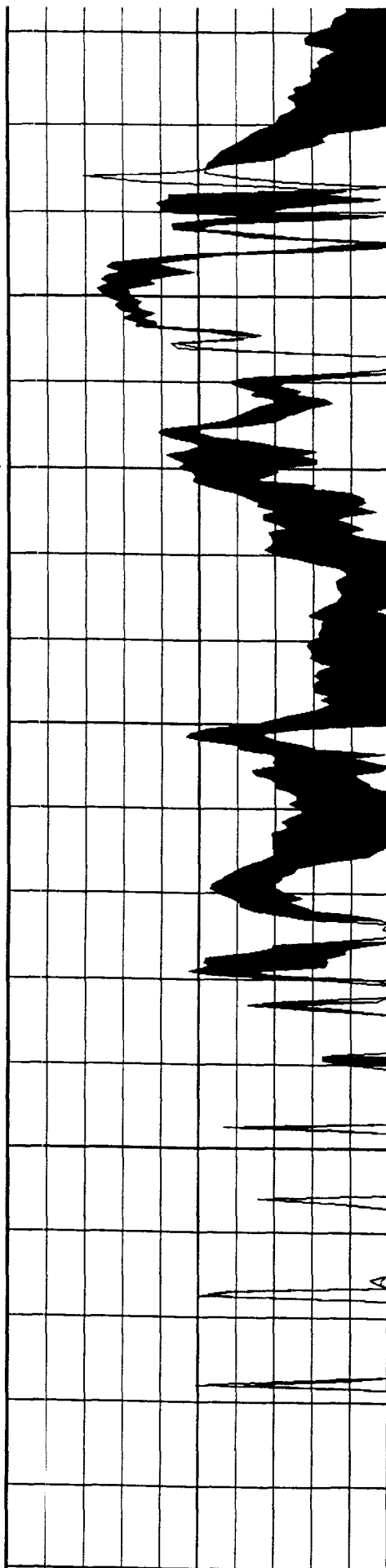


5200

5250

5300

5350



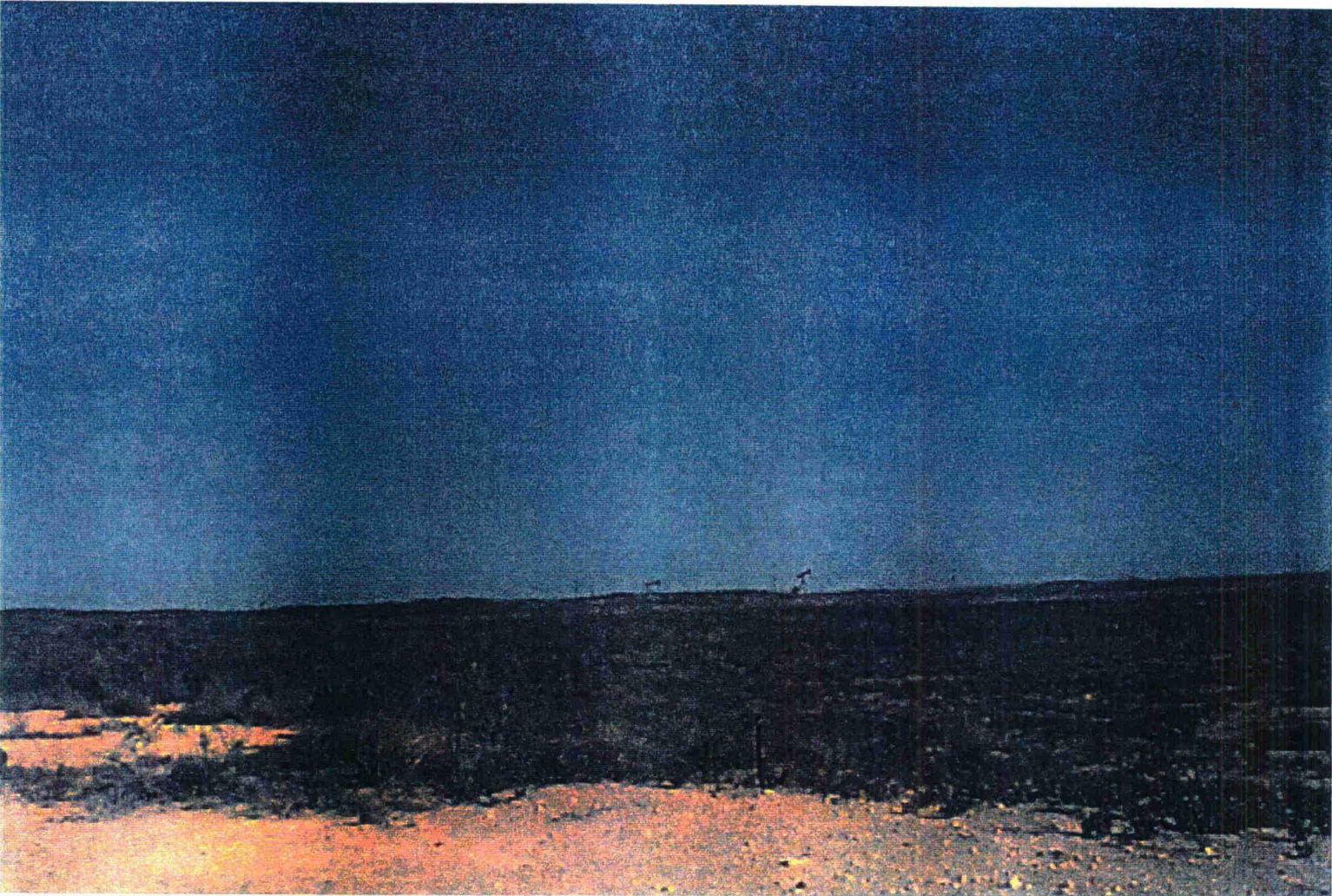
FORM C-108
ITEM NO. X

Log Footer Notes

Date: 05-01-1997 Time: 11:38:37
Comment 1: 5/3/90 Temporarily Abandoned
Comment 2: 2/20/94 20 BOPD, 380 BWPD, 0 MCF/D

Formation Top Data			
No.	Name	Top Depth	Bottom Depth
1	UY2-UM	4941.000	
2	LY2	5002.000	
	A-UM	5024.000	
	A-LM	5050.000	
3	B	5083.000	
6	C	5141.000	
7	D	5220.000	5300.000

Perforation Data			
No.	Perf Name	Top Depth	Bottom Depth
1		4942.000	4948.000
2		5004.000	5008.000
3		5026.000	5060.000
4		5084.000	5088.000



Northwest of the West Corbin Federal #4

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire proposed Corbin Delaware Federal Unit area was personally inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the Corbin Delaware Federal Unit.

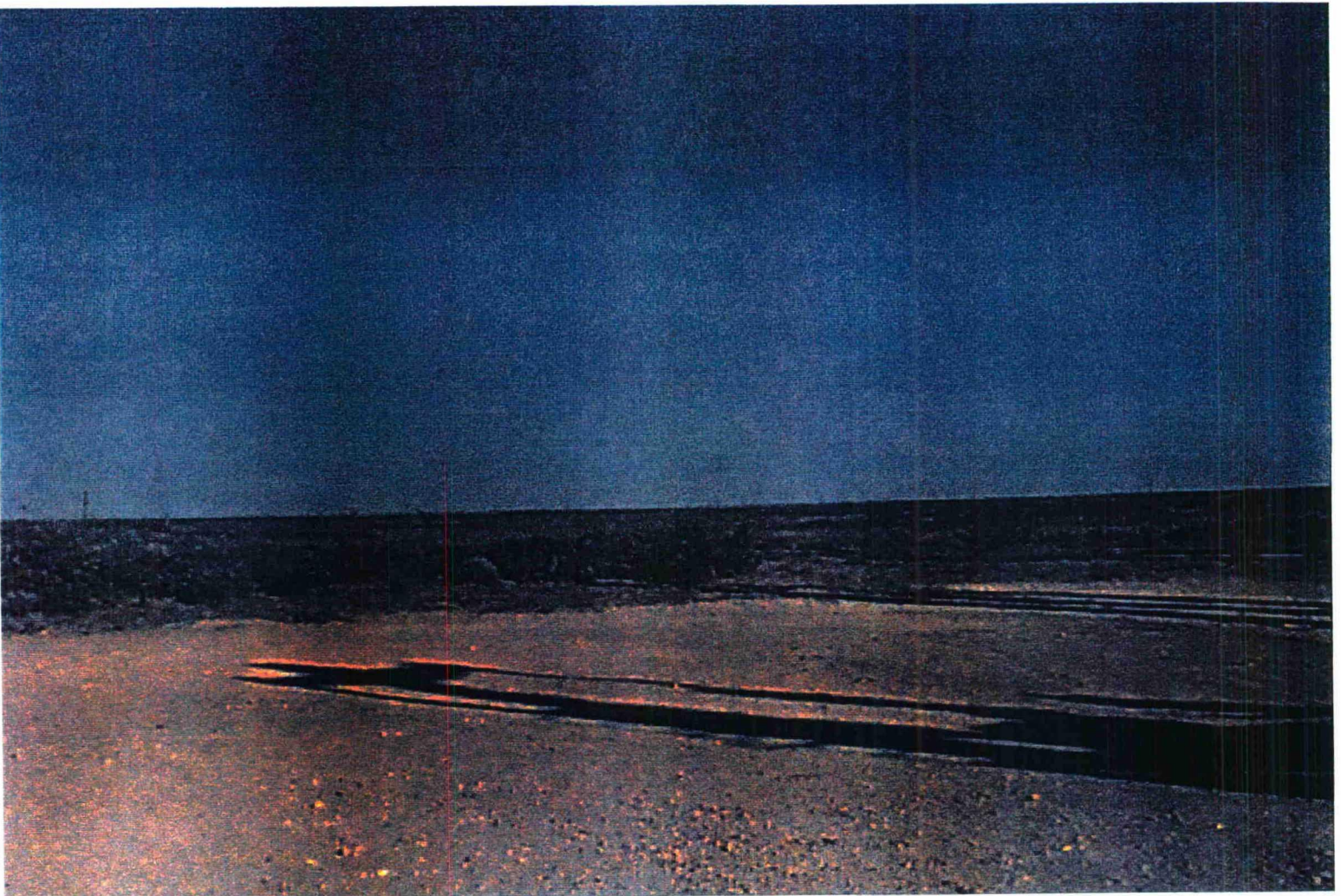


North of the West Corbin Federal #6

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire proposed Corbin Delaware Federal Unit area was personally inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the Corbin Delaware Federal Unit.

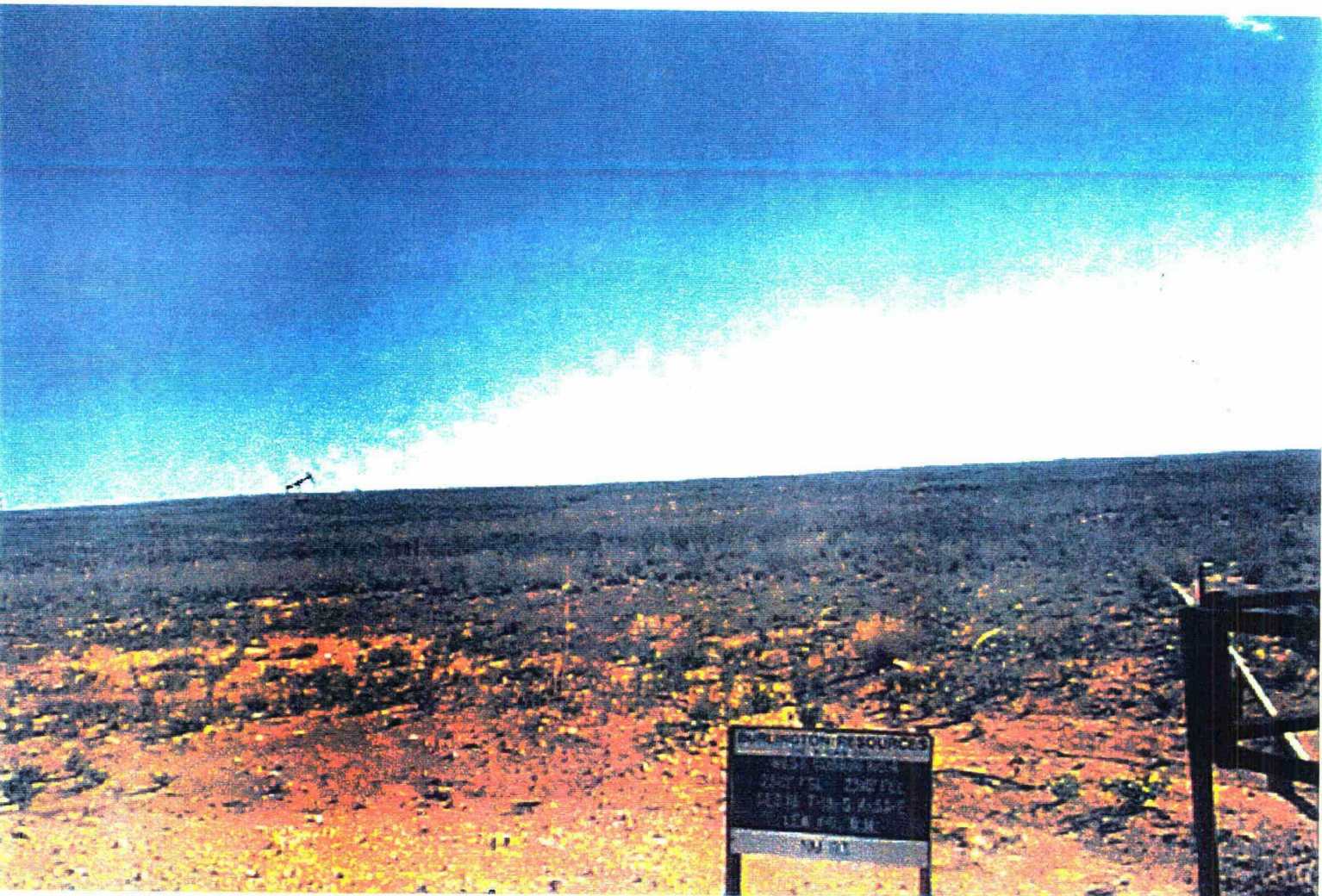


West of the West Corbin Federal #6

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire proposed Corbin Delaware Federal Unit area was personally inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the Corbin Delaware Federal Unit.



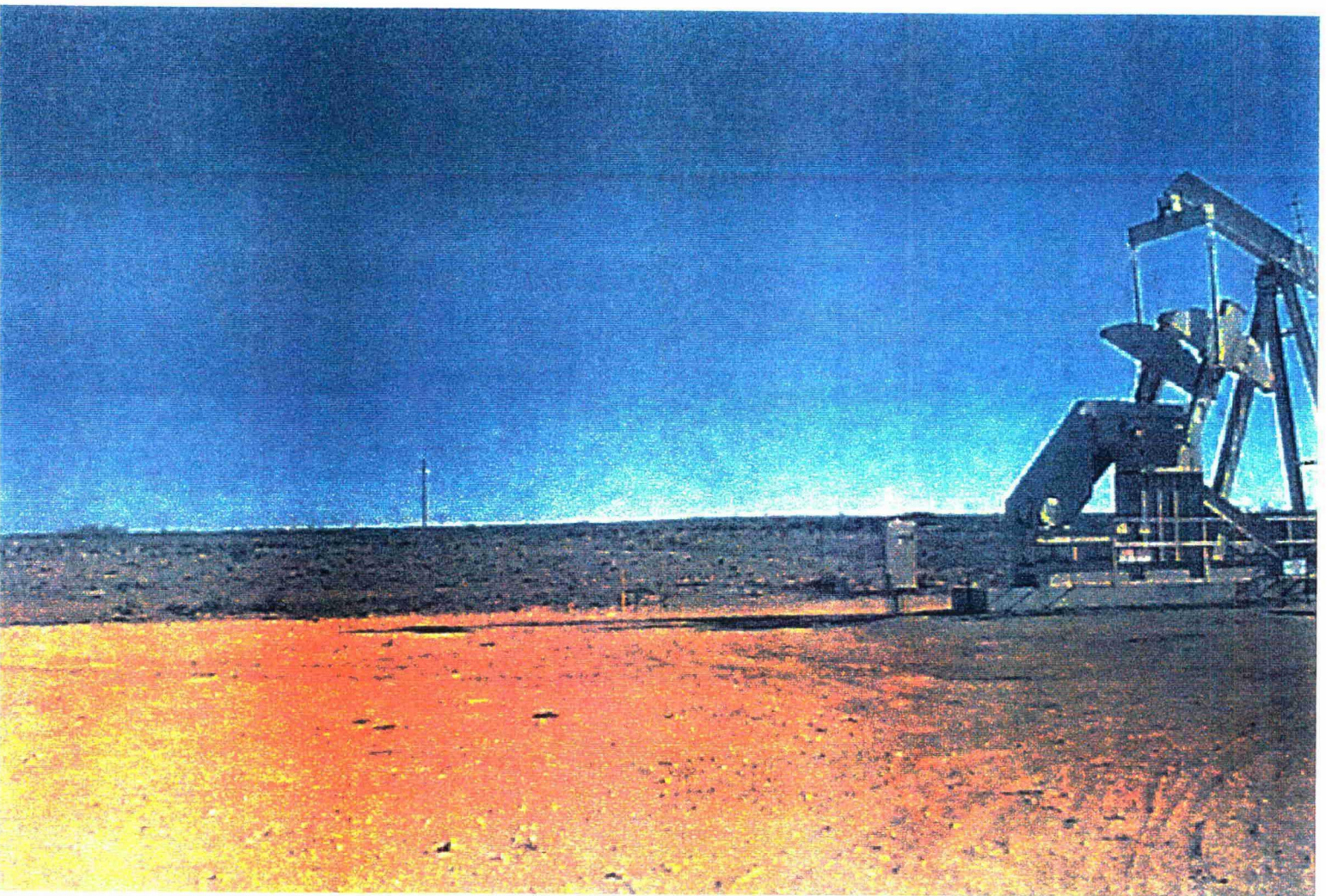
Northeast of the West Corbin Federal #6

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire proposed Corbin Delaware Federal Unit area was personally inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the Corbin Delaware Federal Unit.

**FORM C-108
ITEM NO. XI**



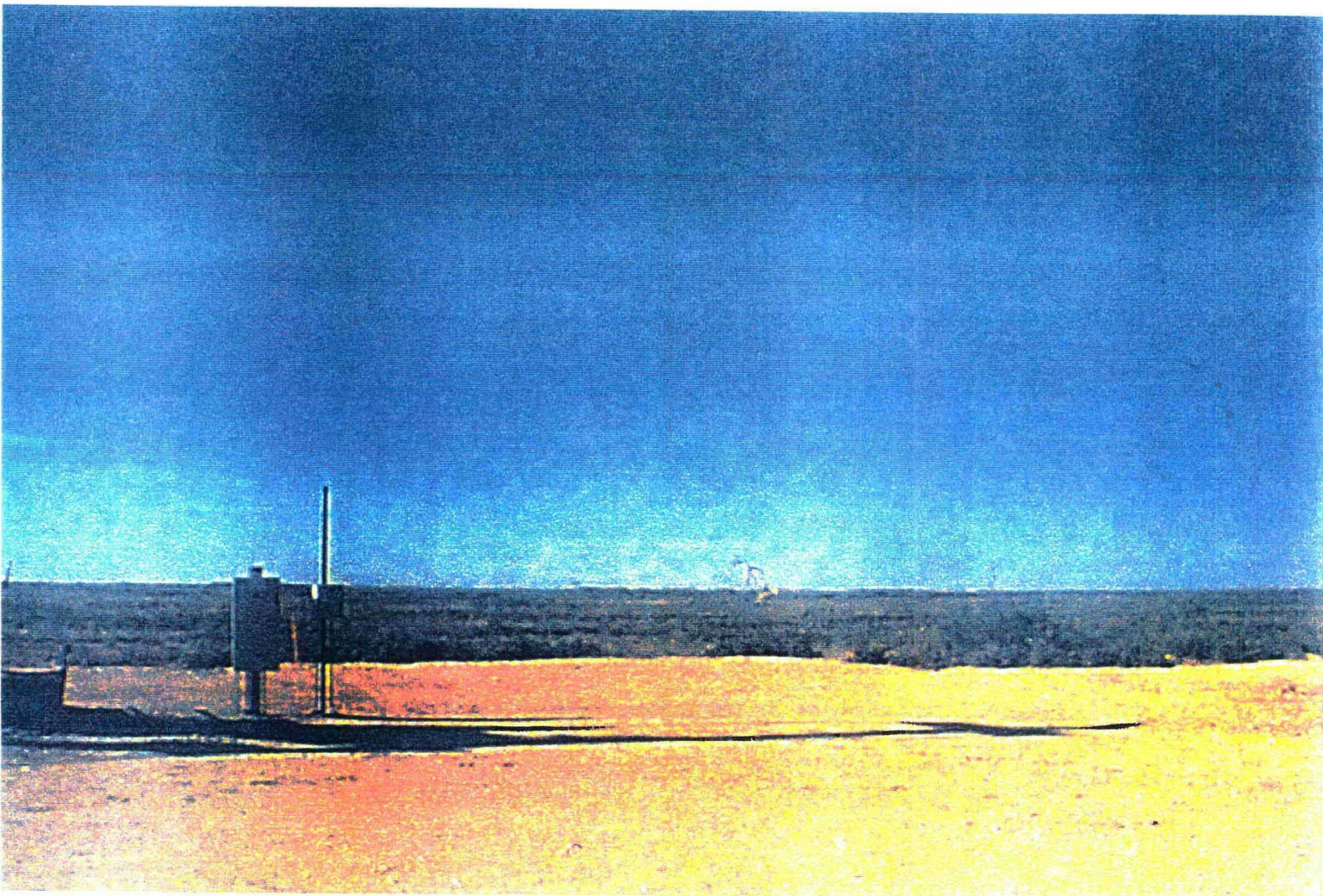
North of the West Corbin Federal #15

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire proposed Corbin Delaware Federal Unit area was personally inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the Corbin Delaware Federal Unit.

**FORM C-108
ITEM NO. XI**



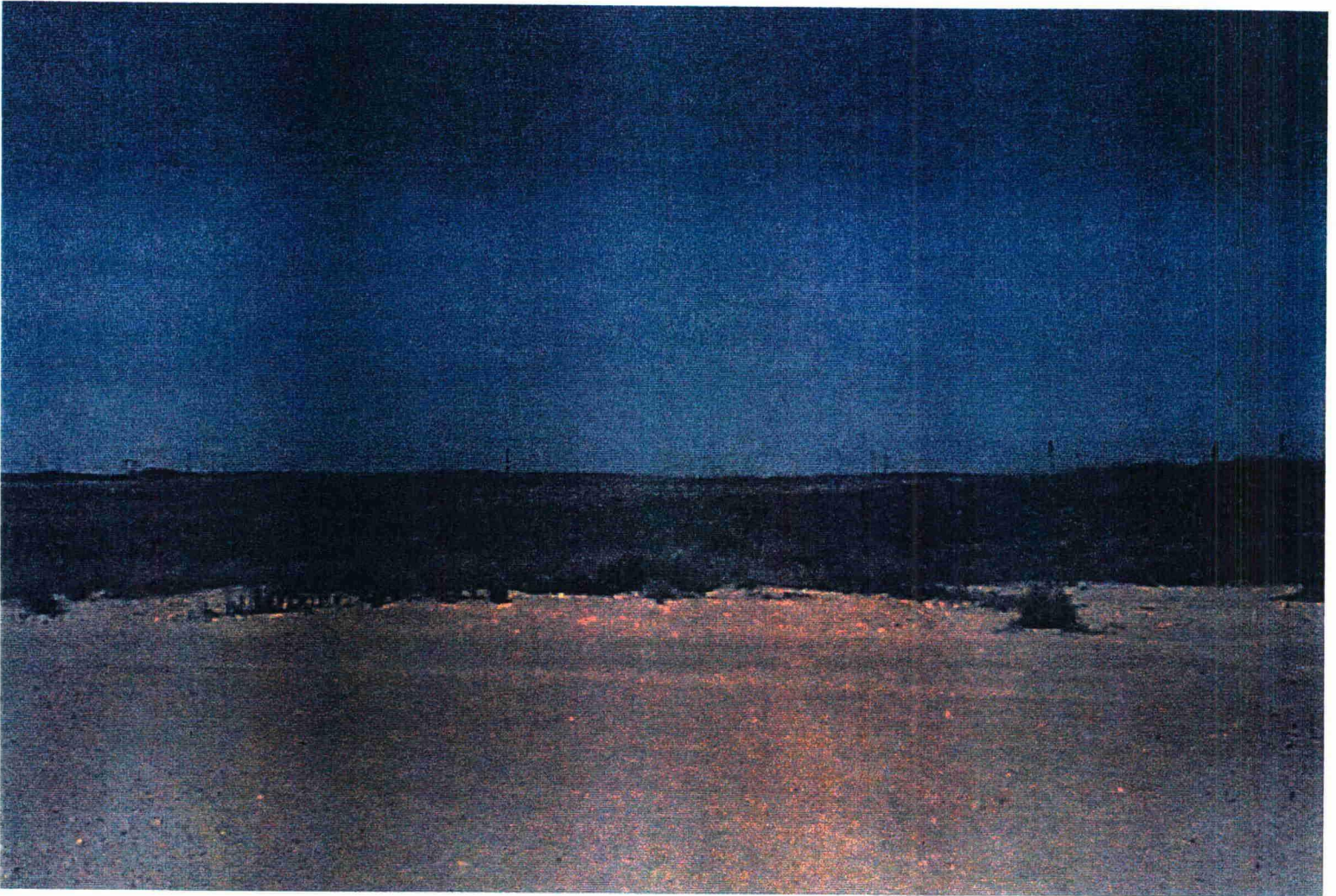
South of the West Corbin Federal #15

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire proposed Corbin Delaware Federal Unit area was personally inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the Corbin Delaware Federal Unit.

**FORM C-108
ITEM NO. XI**

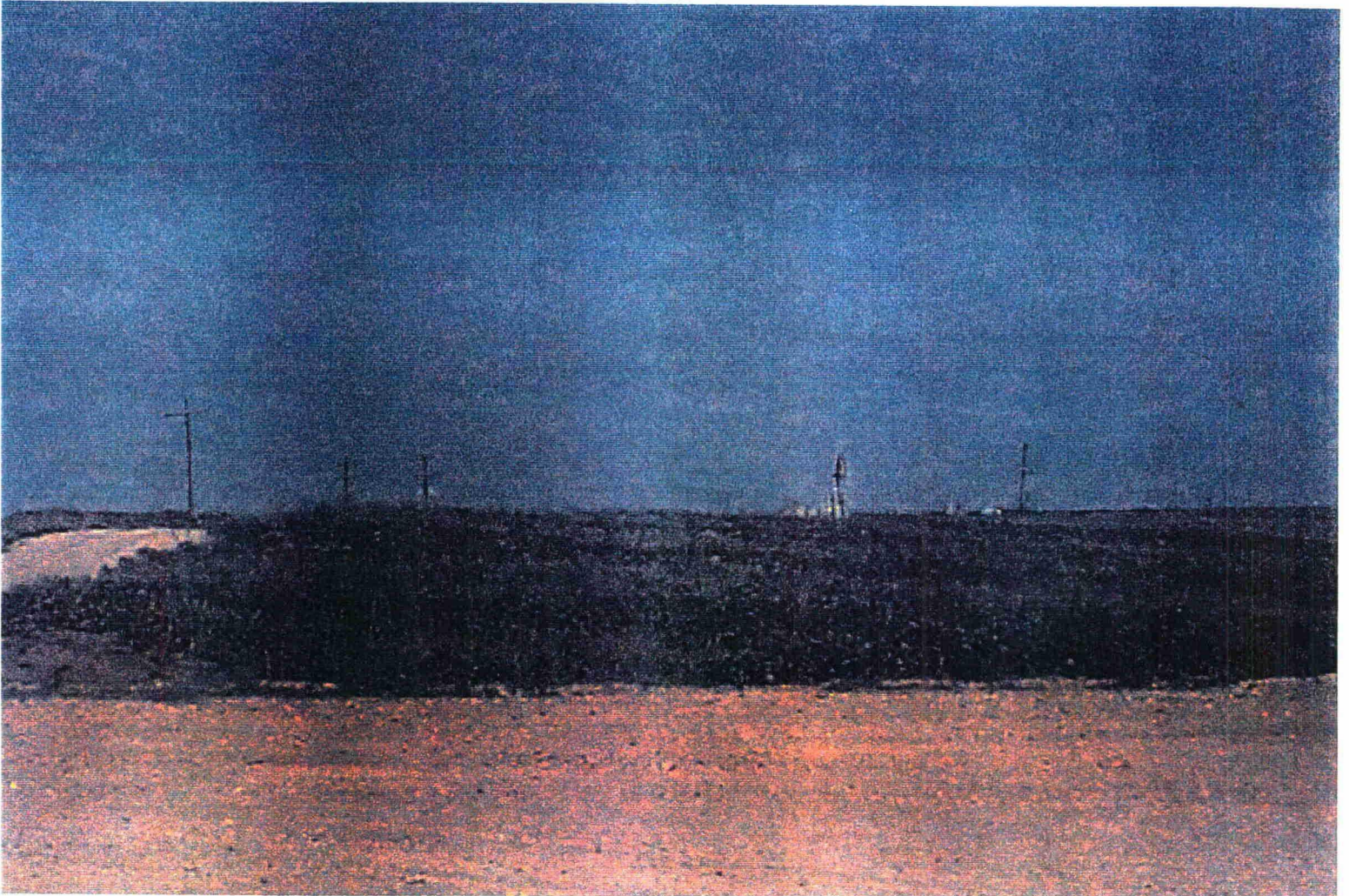


West of the West Corbin Federal #15

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire porposed Corbin Delaware Federal Unit area was personnaly inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the Corbin Delaware Federal Unit.

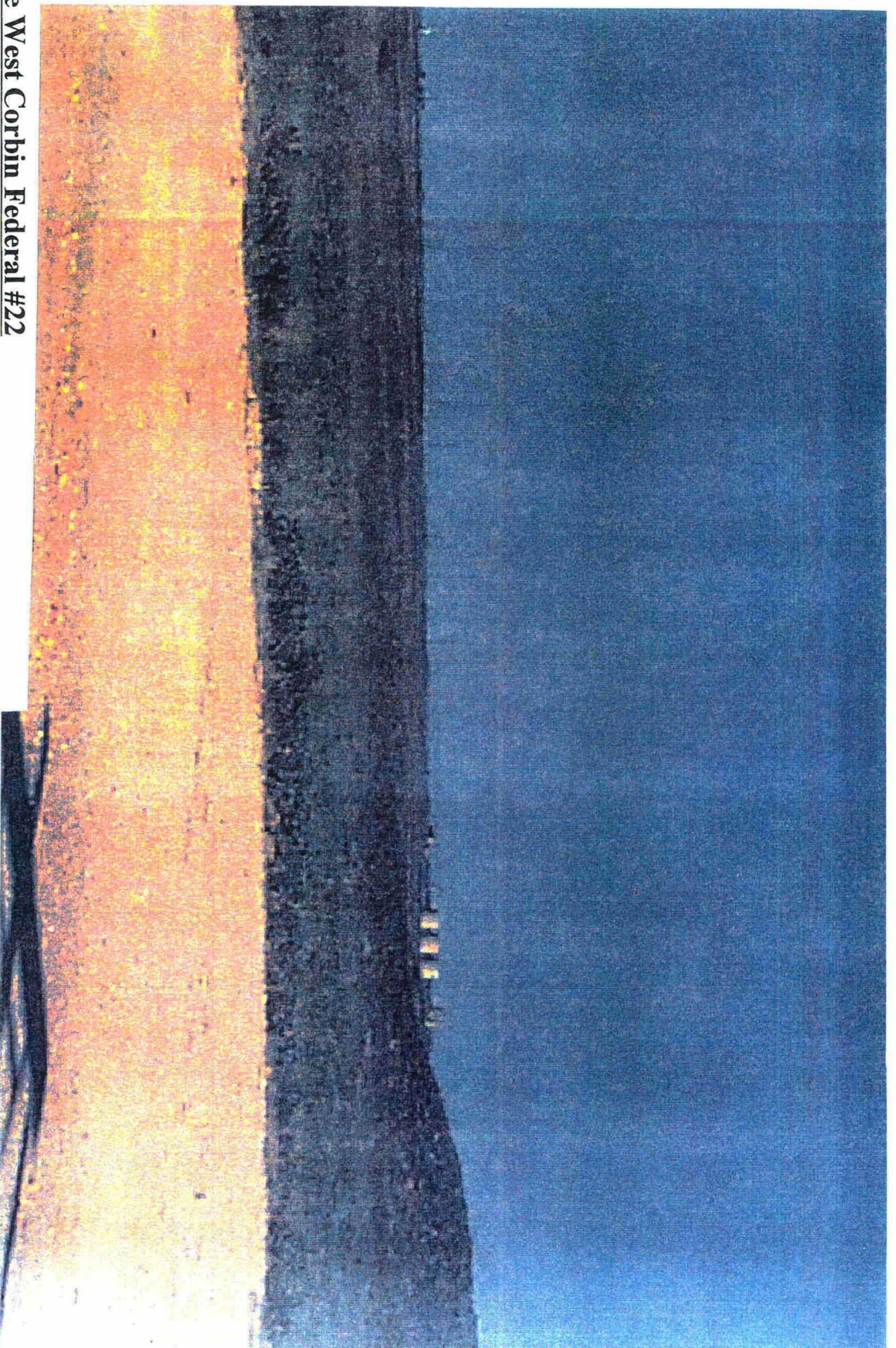


West of the West Corbin Federal #22

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire proposed Corbin Delaware Federal Unit area was personally inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the Corbin Delaware Federal Unit.

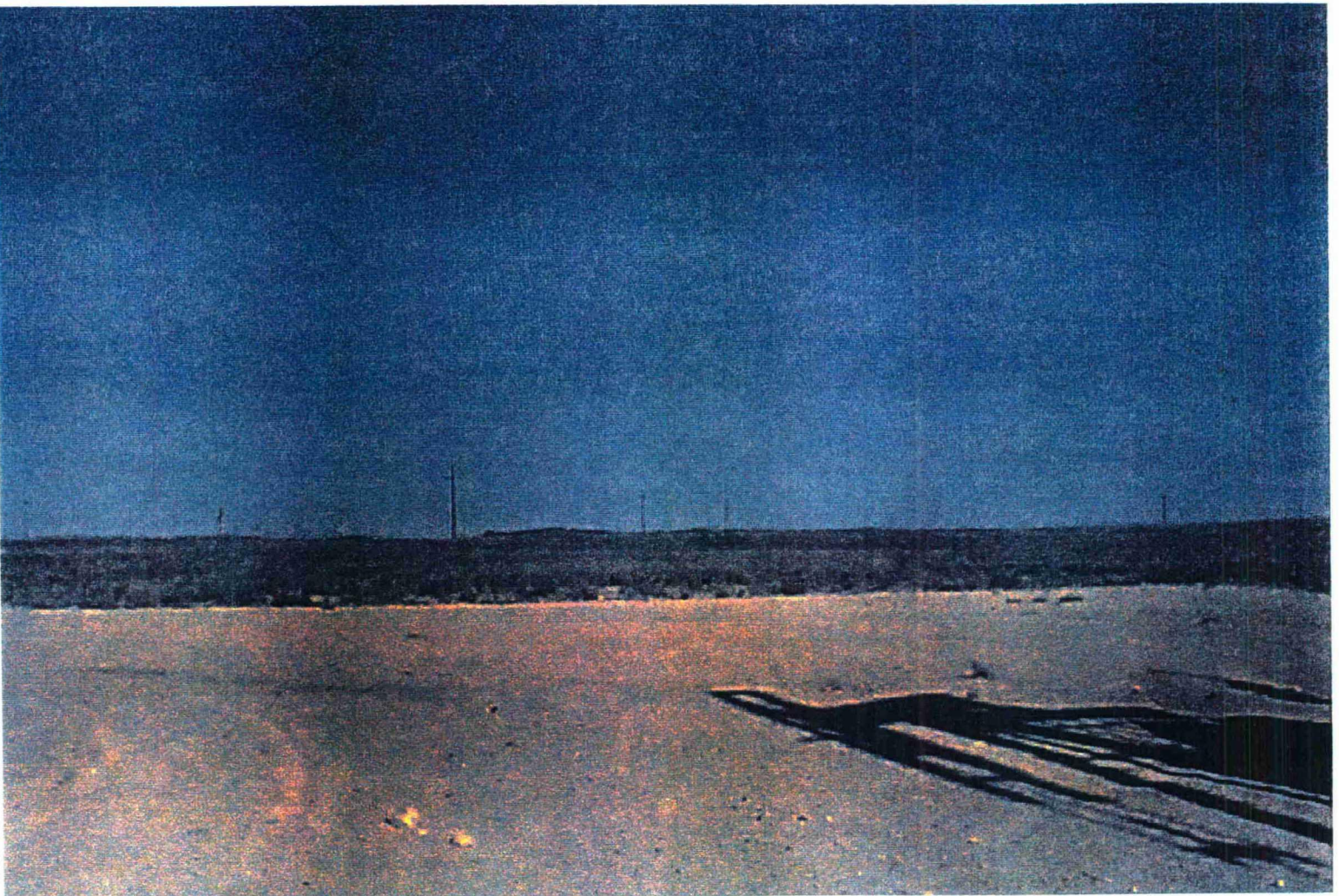


Northwest of the West Corbin Federal #22

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire proposed Corbin Delaware Federal Unit area was personally inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the



West of the West Corbin Federal #24

Picture taken on July 15, 1998 by Ryan Lunsford, Summer Intern Engineer.

The entire proposed Corbin Delaware Federal Unit area was personally inspected by Ryan Lunsford and Monty Myers, Summer Intern Engineers for Burlington Resources Oil & Gas Company.

No fresh water wells were found within the proposed boundaries of the Corbin Delaware Federal Unit.

C-108
ITEM NO. XIV

**Corbin Delaware Federal Unit
Eddy County, New Mexico**

Notification list of affected offsets within a one-half mile radius of well #'s 4, 6, & 22.

T-18-S, R-33-E, N.M.P.M.
Eddy County, New Mexico

Section 7: All
Section 8: SW/4
Section 17: NW/4

Working Interest

Central Resources, Inc.
1775 Sherman St., Suite 2600
Denver, CO 80203

RKC, Inc.
1527 Hillside Rd.
Fairfield, CT 06430

Santa Fe Energy Resources, Inc.
500 W Texas, Suite 1330
Midland, TX 79701

Overriding Royalty Interest

Altura Energy, LTD
P.O. Box 4294
Houston, TX 77210

Constance P. Classen
5 Ridgeview Circle
Richardson, TX 75080

Gene Day Costello
3336 Remington Drive
Plano, TX 75023

George Edward Day IV
255 Gallaway Park Drive
Decatur, IL 62521

Leigh P. Wilber
1014 Western Ave.
Northbrook, IL 60062

Christine P. Wiseman
400 S. Glenwood
Springfield, IL 62702

Lynn P. Yedinak
814 S. Adams
Hinsdale, IL 60521

Section 18: E/2 NE/4 & E/2 SE/4

Working Interest

Central Resources, Inc.
1775 Sherman St., Suite 2600
Denver, Colorado 80203

RKC, Inc.
1527 Hillside Rd.
Fairfield, CT 06430

Section 18: W/2 NE/4

Working Interest

Santa Fe Energy Resources, Inc.
500 W Texas, Suite 1330
Midland, TX 79701

Overriding Royalty Interest

Altura Energy, LTD
P.O. Box 4294
Houston, TX 77210

Net Profits Overriding Royalty Interest

TCW DR II Royalty Partnerships
865 South Figueroa, Suite 1800
Los Angeles, CA 90017

Section 18: W/2 SE/4, Lots 1,2,3,4, E/2 SW/4 & E/2 NW/4

Working Interest

Central Resources, Inc.
1775 Sherman St., Suite 2600
Denver, Colorado 80203

RKC, Inc.
1527 Hillside Rd.
Fairfield, CT 06430

Santa Fe Energy Resources, Inc.
500 W Texas, Suite 1330
Midland, TX 79701

Overriding Royalty Interest

Altura Energy, LTD
P.O.Box 4294
Houston, TX 77210

Net Profits Overriding Royalty Interest

TCW DR II Royalty Partnerships
865 South Figueroa, Suite 1800
Los Angeles, CA 90017

Section 17: N/2 NE/4

Working Interest

Central Resources, Inc.
1775 Sherman St., Suite 2600
Denver, Co 80203

RKC, Inc.
1527 Hillside Rd.
Fairfield, Ct 06430

Section 17: S/2 NE/4

Working Interest

Central Resources, Inc.
1775 Sherman St., Suite 2600
Denver, Co 80203

RKC, Inc.
1527 Hillside Rd.
Fairfield, Ct 06430

Santa Fe Energy Resources, Inc.
500 W Texas, Suite 1330
Midland, TX 79701

Section 17: NW/4 SW/4 & S/2 SW/4

Working Interest

Burlington Resources Oil & Gas Co.
3300 North "A" St., Bldg. 6
Midland, TX 79705

Section 17: NE/4 SW/4 & NW/4 SE/4

Working Interest

J.M. Huber Cooperation
1900 West Loop S. Suite, 1600
Houston, TX 77027

Maralo Inc.
P.O. Box 832
Midland, TX 79702

Section 7: S/2 S/2

Section 17: W/2

Section 18: all

Surface Ownership

Federal Lands Leased To:
Herschel Caviness
Star Route
Causey, NM 88113

Exhibit 25

Martin Water Laboratories, Inc.

P O BOX 1468
MONAHAN, TEXAS 79756
PH. 943-3234 OR 563-1040

709 W INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Mr. David Cook LABORATORY NO. 791270
21 Desta Drive, Midland, TX 79701 SAMPLE RECEIVED 7-29-91
RESULTS REPORTED 8-2-91

COMPANY Meridian Oil Company LEASE As Listed

FIELD OR POOL _____

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

- NO. 1 Disposal water-taken from West Corbin salt water disposal (flotation cell upstream line)
NO. 2 Disposal water-taken from West Corbin salt water disposal (flotation cell downstream line)
NO. 3 Produced water-taken from West Corbin #24.
NO. 4 Produced water-taken from Federal 21 #4.

REMARKS:

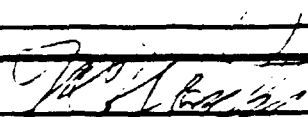
CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1431	1.1428	1.1662	1.1716
pH When Sampled				
pH When Received	6.06	6.03	5.94	5.89
Bicarbonate as HCO ₃	303	298	185	217
Supersaturation as CaCO ₃	14	16	4	12
Undersaturation as CaCO ₃	--	--	--	--
Total Hardness as CaCO ₃	39,000	38,000	61,000	66,500
Calcium as Ca	11,400	11,400	17,600	19,100
Magnesium as Mg	2,552	2,308	4,131	4,556
Sodium and/or Potassium	66,481	66,005	74,546	77,050
Sulfate as SO ₄	986	960	576	483
Chloride as Cl	129,255	127,834	157,662	165,474
Iron as Fe	16.6	15.2	2.8	5.0
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	210,975	208,805	254,700	266,880
Temperature °F.				
Carbon Dioxide, Calculated	484	476	389	565
Dissolved Oxygen.				
Hydrogen Sulfide	0.0	0.0	0.0	0.0
Resistivity, ohm/m at 77° F.	0.056	0.056	0.050	0.049
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Total Dissolved Solids, 180°C.	210,686	211,276	245,414	255,686

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks A careful study of the characteristics of all the waters involved herein reveals no evidence of any incompatibility between any combination of these waters. This is to say that there should be no precipitation or scaling potential that would result from combining any of these waters.

Form No. 3

By



Waylan C. Martin, M.A.

FORM C-108
ITEM NO. VII

**CORBIN (DELAWARE) UNIT
AREA OF REVIEW**

*Amended
Consent T-95*

SURFACE CASING										PRODUCTION CASING				
WELL NAME	OPERATOR	LOCATION	TYPE OF WELL	SPUD DATE	COMP DATE	TD PBD	COMP INTERVAL	SIZE	DEPTH	CEMENT	SIZE	DEPTH	CEMENT	PROD PERFS (ZONE)
Continental Fed # 1	Bob Dean, Ltd	1980 FNL 1980 FWL SEC 17, T18S, R33E	D&A-O	12/26/60	1/12/61	4,500		8 5/8"	246'	150 SX				D&A-O
								TOC	Surf		PERFS:	No Perfs		
N Corbin Fed #5	Southland Roy	2080 FNL 560 FWL Sec 17, T18S, R33E	Oil	6/28/85	8/28/85	11,427 11,261	11,048 - 11,260	13 3/8	354	400 SX	5 1/2	11,427	1,000	Wolfcamp
								TOC	7,075'	TS	PERFS:	11,049	11,333	
Huber "17" Fed #1	Southland Roy	660 FSL 660 FWL Sec 17, T18S, R33E	Oil	10/2/85	1/3/86	11,440 11,000	10,870 - 10,910	13 3/8	358	400 SX	5 1/2	11,440	1,200	Wolfcamp
								TOC	6,520'	CBL	PERFS:	10,870	11,223	
Huber "17" Fed #1	Southland Roy	660 FSL 660 FWL Sec 17, T18S, R33E	Oil	10/18/89	11/17/89	11,440 8,699	8,504 - 8,928	13 3/8	358	400 SX	5 1/2	11,400	1,200	Bone Spring
								TOC	6,520'	CBL	PERFS:	8,504	9,372	
Huber "17" Fed #2	Southland Roy	1980 FSL 1980 FWL Sec 17, T18S, R33E	Oil	5/28/86	7/31/86	11,450 10,857	10,766 - 10,886	13 3/8	653	400 SX	5 1/2	11,450	2,500	Wolfcamp
								TOC	4,140'	CET	PERFS:	10,766	10,886	
Huber "17" Fed #2	Southland Roy	1980 FSL 1980 FWL Sec 17, T18S, R33E	Oil	8/28/91	9/28/91	11,450 8,985	5,080 - 5,220	13 3/8	653	400 SX	5 1/2	11,450	2,500	Delaware
								TOC	4,140'	CET	PERFS:	5,080	5,220	

* = TOC Below Unitized Interval

BEFORE THE

OIL CONSERVATION DIVISION **31**

Case No. 120468-12047 Exhibit No.

Submitted By: **Burlington Resources**

Hearing Date: September 17, 1990

**CORBIN (DELAWARE) UNIT
AREA OF REVIEW**

WELL NAME	OPERATOR	LOCATION	TYPE OF WELL	SPUD DATE	COMP DATE	TD PRTD	COMP INTERVAL	SIZE	DEPTH	CEMENT	SIZE	DEPTH	CEMENT	PROD PERFS (ZONE)
N Corbin Fed #8	Southland Roy	660 FNL 1980 FWL Sec 17, T18S, R33E	Oil	11/20/86	1/8/87	11,450 11,372	10,810 - 11,234	13 3/8	350	400 SX	5 1/2	11,450	1,790	Wolcamp
								TOC	1,100'	TS	PERFS:	10,810	11,234	
N Corbin Fed #6	Southland Roy	2076 FNL 411 FWL Sec 17, T18S, R33E	Oil	4/24/89	6/6/89	5,450	5,004 - 5,012	8 5/8	377	200 SX	5 1/2	5,450	900	Delaware
								TOC	Surf		PERFS:	5,004	5,144	
N Corbin Fed #1	Aztec	1980 FNL 660 FEL Sec 18, T18S, R33E	Gas	8/14/74	2/1/75	13,700	13,342 - 13,590	13 3/8	367	320 SX	5 1/2	13,700	300	Morrow
								TOC	7,890'	SOZ	PERFS:	13,435	13,590	
N Corbin Fed #1	Southland Roy	1980 FNL 660 FEL Sec 18, T18S, R33E	Oil	12/15/81	1/4/82	13,700 11,300	11,178 - 11,285	13 3/8	367	320 SX	5 1/2	13,700	300	Wolcamp
								TOC	7,890'	SOZ	PERFS:	11,178	13,590	
N Corbin Fed #2	Aztec	2080 FNL 860 FEL Sec 16 T18S, R33E	Oil	7/30/76	9/10/76	5,207	5,030 - 5,086	8 5/8	363	270 SX	5 1/2	5,206	660	Delaware
								TOC	Surf		PERFS:	5,030	5,086	
N Corbin Fed #3	Aztec	660 FNL 660 FEL Sec 18, T18S, R33E	D&A-O	1/25/77	2/16/77	5,171		8 5/8	332	275 SX				D & A
								TOC	Surf		PERFS:	No Perfs		

* - TOC Below Unitized Interval

Same well

**CORBIN (DELAWARE) UNIT
AREA OF REVIEW**

WELL NAME	OPERATOR	LOCATION	TYPE OF WELL	SPUD DATE	COMP DATE	TD PBTD	COMP INTERVAL	SIZE	DEPTH	CEMENT	SIZE	DEPTH	CEMENT	PROD PERFS (ZONE)
N. Corbin Fed #4	Aztec	2310 FSL 2310 FEL Sec 18, T18S, R33E	D&A-O	2/4/78	3/18/78	5,117		8 5/8	340	250 SX	6 1/2	5,177	700	D & A
								TOC	Surf		PERFS:	5,032	5,062	
N. Corbin Fed #10	Southland Roy	1980 FSL 680 FEL Sec 18, T18S, R33E	Oil	10/9/88	1/20/89	11,450	10,858 - 11,330	13 3/8	360	370 SX	5 1/2	11,450	1,712	Workcamp
								TOC	2,906'	CBL	PERFS:	10,858	11,330	
N. Corbin Fed #12	Southland Roy	680 FNL 1980 FEL Sec 18, T18S, R33E	Oil	4/18/89	6/3/89	11,450	10,890 - 11,318	13 3/8	347	375 SX	5 1/2	11,450	1,755	Workcamp
								TOC	2,340'	CBL	PERFS:	10,880	11,318	
N. Corbin Fed #15	Southland Roy	810 FNL 1980 FEL Sec 18, T18S, R33E	Oil	9/15/89	10/11/89	5,500	4,950 - 4,961	8 7/8	380	220 SX	5 1/2	5,472	1,650	Delaware
								TOC	Surf		PERFS:	4,950	4,961	
N. Corbin Fed #17	Southland Roy	660 FNL 1980 FNL Sec 18, T18S, R33E	Oil	11/22/89	12/20/89	5,520	4,902 - 5,006	8 5/8	368	310 SX	6 1/2	5,520	1,280	Delaware
								TOC	Surf		PERFS:	4,902	5,006	
N. Corbin Fed #18	Southland Roy	1980 FNL 1980 FNL Sec 18, T18S, R33E	Oil	11/9/89	12/3/89	11,532	11,274 - 11,302	13 3/8	350	350	5 1/2	11,500	2,100	Workcamp
								TOC	3,134'	CBL	PERFS:	11,032	11,476	

* = TOC Below Utilized Interval

CORBIN (DELAWARE) UNIT AREA OF REVIEW

WELL NAME	OPERATOR	LOCATION	TYPE OF WELL	SPUD DATE	COMP DATE	TD PBD	COMP INTERVAL	SIZE	DEPTH	CEMENT	SIZE	DEPTH	CEMENT	PROD PERFS (ZONE)
N Corbin Fed #20	Southland Roy	500 FNL, 330 FWL Sec 18, T18S, R33E	Oil	4/1/80	4/28/80	5,500 5,456	4,912 - 5,014	8 5/8	415	340 SX	5 1/2	5,560	1,255	Delaware
								TOC	Surf		PERFS:	4,912	5,014	
N Corbin Fed #21	Southland Roy	1880 FNL, 510 FWL Sec 18, T18S, R33E	Oil	12/3/90	2/17/91	11,600	10,784 - 11,176	13 3/8	380	400 SX	5 1/2	11,600	1,935	Wolfcamp
								TOC	4,610'	CRL	PERFS:	10,784	11,176	
N Corbin Fed #22	Southland Roy	1880 FNL, 1780 FWL Sec 18, T18S, R33E	D&A-O	4/14/90	9/27/90	5,500 5,446		8 5/8	433	280 SX	5 1/2	5,500	1,240	D & A
								TOC	Surf		PERFS:	4,942	5,088	
N Corbin Fed #22	Southland Roy	1880 FNL, 1780 FWL Sec 18, T18S, R33E	Oil-WO	2/20/94	2/21/94	5,500 5,446	4,942 - 5,088	8 5/8	433	280 SX	5 1/2	5,500	1,240	Delaware
								TOC	Surf		PERFS:	4,942	5,088	
N Corbin Fed #24	Southland Roy	1800 FNL, 2160 FEL Sec 18, T18S, R33E	Oil	5/1/90	5/21/90	5,550	4,962 - 5,014	8 5/8	430	280 SX	5 1/2	5,550	1,215	Delaware
								TOC	Surf		PERFS:	4,962	5,014	

* = TOC Below Unitized Interval