

OPERATOR	LEASE		
BURLINGTON RESOURCES OIL & GAS COMPANY	CORBIN DELAWARE FEDERAL UNIT, (FORMERLY: WEST CORBIN FEDERAL #6)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP RANGE
6	E. 2076' FNL & 411' FWL	17	T18S R33E, LEA CO., NM

Schematic

Tabular Data

Surface Casing

Size 8-5/8" SET @ 377' " Cemented with 200 sx.

TOC SURFACE feet determined by CIRCULATED

Hole size 12-1/4"

API # 30-025-30430

See the attached current and
proposed wellbore sketches.

Intermediate Casing

Size NONE " Cemented with sx.

TOC feet determined by

Hole size

Long string

Size 5-1/2 " Cemented with 900 sx.

TOC 500' feet determined by TEMPERATURE SURVEY

Hole size 7-7/8"

Total depth 5450'

Injection interval

5086 feet to 5144 feet.

(perforated or open-hole, indicate which)

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

BAKER LOK SET _____ packer at 4960' _____ feet
(brand and model)

(or describe any other casing-tubing seal.)

Other Data

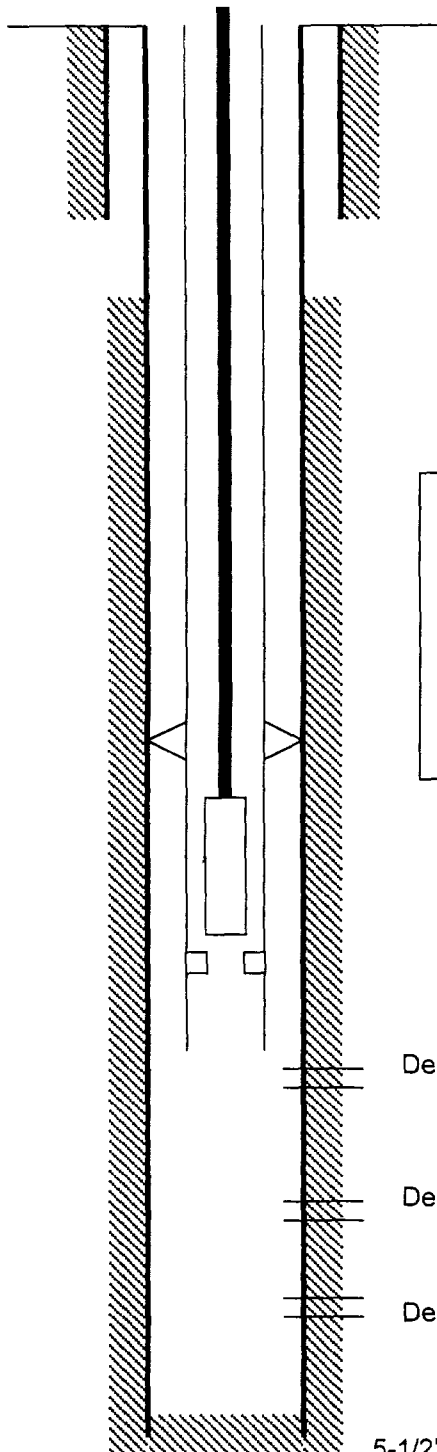
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|----|--|---|
| 1. | Name of the injection formation | DELAWARE |
| 2. | Name of Field or Pool (if applicable) | WEST CORBIN DELAWARE |
| 3. | Is this a new well drilled for injection? | ☐ Yes ☒ No |
| | If no, for what purpose was the well originally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

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 DELAWARE PERFS TO BE SQUEEZED OFF ARE
- 5004' - 5012' 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 #6
API# 30-025-30430
West Corbin Delaware Pool
UL-E, 2076' FNL & 411' FWL
Sec. 17, T18S, R33E
Lea County, New Mexico

Current Completion



KB 3,892'
 GL 3,876'

8-5/8" 24# K-55 Casing set at 377'. Cemented with 200 sx.
 Top of Cement at surface (Circ).

Tubing Detail(5/28/89)
 158 jts 2-7/8" 6.5# J-55
 TAC set with 8M# tension
 3 jts 2-7/8" 6.5# J-55
 2.25" ID mech SN @ 4952.67'
 4' perf sub.
 1 jt bull plugged.
 EOT at 4988.57'

Rod Detail (8/26/92)
 Polish Rod - 26'
 7/8" Subs 2 - 8'
 7/8" Sub - 6'
 7/8" Sub - 8'
 7/8" Grade D Rods 58 rods -1450'
 3/4" Grade D Rods 137 rods - 3425'
 1.5" pump - 24'

Delaware Perforations 5,004' to 5,012'. 17 holes

Delaware Perforations 5,086' to 5,114'. 57 holes

Delaware Perforations 5,132' to 5,144'. 25 holes

5-1/2" 15.5# K-55 Casing set at 5,450'. Cemented with 900 sx.
 Top of Cement at 500' (Temp survey).

PBTD at 5,407'
 TD 5,450'

Burlington Resources Oil & Gas Company
Corbin Delaware Federal Unit #6
(Formerly the West Corbin Federal #6)
API# 30-025-30430
West Corbin Delaware Pool
UL-E, 2076' FNL & 411' FWL
Sec. 17, T18S, R33E
Lea County, New Mexico

Proposed Completion

KB 3,892'
GL 3,876'

8-5/8" 24# K-55 Casing set at 377'. Cemented with 200 sx.
Top of Cement at surface (Circ).

Tubing Detail
2-7/8" 6.5# IPC tubing
Packer at 4,960'.
Baker LOK-SET PKT.

Delaware Perforations 5,004' to 5,012'. Squeezed.

Delaware Perforations 5,086' to 5,114'. 57 holes

Delaware Perforations 5,132' to 5,144'. 25 holes

PBTD at 5,407'
TD 5,450'.

5-1/2" 15.5# K-55 Casing set at 5,450'. Cemented with 900 sx.
Top of Cement at 500' (Temp survey).

FORM C-108
ITEM NO. III

WELL DATA SHEET

Date: May 26, 1998

Well: West Corbin Federal #6
Field: South Corbin
Area: Lea County, New Mexico

Spud Date: 4/24/89

Completion Date: 5/28/89

Current Status: Delaware Producer
Current Rate: 6 bo / 5 mcf / 50 bw (4/98)

Total Depth: 5,450'
PBTD: 5,407'
KB: 16' above GL.

Casing Record: 8-5/8" 24# K-55 @ 377' cmt'd w/ 200 sx. (Circ)
5-1/2" 15.5# K-55 LTC @ 5,450' cmt'd w/ 900 sx. Top of Cement at 500' (TS).

Perforations:

Delaware	YZ	5,004'-5,012'	2 spf	17 holes	Open
	A	5,086'-5,114'	2 spf	57 holes	Open
	B	5,132'-5,144'	2 spf	25 holes	Open

Tubing Detail: See attached wellbore schematic.

Rod Detail: See attached wellbore schematic

Workover History.

5/12/89 Original Completion. Perforate Delaware from 5,086' to 5,144'. Breakdown with 2500 gallons treated fresh water. Frac with 8000 gallons 70 quality foam, 3000# 12/20 sand. Screened out with 2 ppg. (Design 16M gal foam, 29M# sand) Swab load water, 0.5 BPH. Re-frac with 235 bbl gelled water, 525,000 scf N2, 10,000# 20/40 sand. Swab 100-150' fluid/hr (2% oil). Re-frac with 34,000 gallons 70 quality foam, 35,000# 20/40 Ottawa sand. Flowed 35 bo & 135 bw. Perforated Delaware from 5,004' to 5,012'. Set RBP at 5050'. Breakdown with 1700 gallons treated water. Swab 1 bph. Frac with 6000 gal 7.5% quality foam with 140,000 scf N2 and 6000# 20/40 sand. 3 ppg. Swab 700' per hour. Retrieve RBP. Run production tubing and rods.
IPP 61 BOPD, 186 BWPD, 35 MCFD, 574 GOR(6/12/89).