



OIL CONSERVATION DIVISION
RECEIVED

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Amoco Production Company

Southern Division
1670 Broadway
P.O. Box 800
Denver, Colorado 80201
303-830-4040

T. D. Autry
Division Production Manager

July 2, 1990

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

File: KJK-112-WF

E.E. Elliott SWD No. 1
UIC Permit Modification
Order No. SWD-376
San Juan County, New Mexico

Amoco desires to relocate the proposed E.E. Elliott SWD No. 1 from the original permitted location of 1220' FNL and 1520' FEL in Section 27, T30N, R9W to 1270' FNL and 580' FWL in Section 26, T30N, R9W in San Juan County, New Mexico. In addition Amoco also requests authorization to modify the original casing design. The original injection well data sheet showed a 9 5/8 inch liner from 2700 to 5500 feet. Amoco now plans to run an intermediate string of 9 5/8 inch casing from surface to 5400 feet instead of the liner. The additional casing will serve to further protect all potential USDW's and facilitate drilling.

The E.E. Elliott SWD was the subject of a UIC permit application filed with the Oil Conservation Division on August 4, 1989 and approved by Administrative Order No. SWD-376 on September 7, 1989. The proposed location has been moved as ordered by the Bureau of Land Management due to an archeological site. The new location eliminates this obstacle but places the well 2100 feet east of the original permitted location. Our review of the ownership does not identify any new parties to those noticed in the initial disposal permit application or the required renote within 1/2 mile of the proposed new location. We are however supplying those parties a copy of this letter.

In addition, our review of wells within the 1/2 mile radius does not show any new water supply wells. However, one producing well is identified as having a total depth in the Morrison while the completion is above Morrison in the Dakota Formation. Information on this well is attached.

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Also attached is the updated lease and surface owner description, a revised nine section plat, a revised injection well data sheet and an affidavit of publication for the revised location.

If you have any questions or require any additional information, please contact Brooke Bell at (303) 830-5341.

T.D. Aubrey / kgk

90018.BSB/ses

Attachments

cc: Conoco Inc.
Box 2197
Houston, TX 77252

Bureau of Land Management
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

ATTACHMENT FOR ITEM VI

Florence #6
990' FSL x 990' FWL
Sec. 23, T30N, R9W

Status: PGW
Spud Date: 6/11/50 Comp. Date: 11/06/50
Recompleted: 7/20/65

Drilled TD: 7455'
Csg. PBD: 7422'

Csg./Cementing Record:

Csg.	Depth	Cement
13 3/8 "	215'	220 SX
7 5/8 "	4424'	250 SX
4 1/2	7455'	660 sx

Perforations:

4447' - 4813'	Mesaverde
4450' - 4621'	
4855' - 5221'	
7176' - 7196'	Dakota
7285' - 7399'	

Stimulations:

Mesaverde	4450' - 4621'	XPLO using 684 qts.
	4447' - 4813'	SWFR with 96,180 gals. propped by 80,000 lbs. sn
	4855' - 5221'	SWFR with 92,400 gals. propped by 80,000 lbs. sn
Dakota	7176' - 7196'	SWFR with 65,520 gals. propped by 45,000 lbs. sn
	7285' - 7399'	SWFR with 66,780 gals. propped by 45,000 lbs. sn

E.E. ELLIOTT SWD NO. 1
SALTWATER DISPOSAL WELL
TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM
SECTION 26: 1270' FNL & 580' FWL
SAN JUAN COUNTY, NEW MEXICO

Section 26: NW/4

- 1) Surface ownership - Bureau of Land Management, Farmington Resource Area, 1235 La Plata Highway, Farmington, New Mexico 87401.
- 2) Grazing lease - Blanco Community #5039
 - a) Jose R. Velasquez, 764 Road 4599, Blanco, NM 87412
 - b) Milton J. Archuleta, Star Route A, Box 830, Blanco, NM 87412
 - c) Estevan A. Chavez and Lillian S. Chavez, Star Route A, Box 120, Blanco, NM 87412
 - d) Cristobal S. Gurule, P.O. Box 393, Blanco, NM 87412
 - e) Estate of Fred Jacquez, c/o Jacquez & Sons, Box 362, Blanco, NM 87412
 - f) John N. Jacquez, R. A, Box 871, Blanco, NM 87412
 - g) Vidal Filomeno Lujan and Chris Pacheco, P.O. Box 445, Blanco, NM 87412
 - h) Chris Pacheco, P.O. Box 445, Blanco, NM 87412
 - i) Paul Velasquez, P.O. Box 442, Blanco, NM 87412
 - j) Emilio Muniz, P.O. Box 6367, Navajo Dam, 87419
 - k) A.K. Brown, P.O. Box 738, Ignacio, CO 81137
 - l) Estate of Silvianito F. Chavez, c/o Lydia Chavez & Sons, P.O. Box 1145, Blanco, NM 87412
 - m) Jose R. Velasquez, c/o Chris Velasquez, Star Route A, Box 600, Blanco, NM 87412
 - n) Jose E. Martinez, 678 County Road 4599, Blanco, NM 87412
- 3) Mineral ownership - USA
- 4) Current leasehold - USA lease #SF-078139; held by production; Lessee: 100%-Elmer E. Elliott, General Delivery, Santa Maria, CA 93456; Operating rights: 100%-Amoco Production Company.

INFORMATION ON AREAS IN A 1/2 MILE RADIUS FROM SECTION 27: NE 1/4

Section 27: E 1/2 and Section 26: W 1/2 E 1/2, SW 1/4

- 1) Surface ownership - Bureau of Land Management, Section 27: E 1/2; and Colorado Storage Project (which the BLM is the administrator), Section 26: W 1/2 E 1/2, SW 1/4
- 2) Grazing lease - Blanco Community #5039
(see above for the fourteen owners)
- 3) Mineral ownership - USA
- 4) Current leasehold - USA #SF-078139 (Same leasehold information as for Section 26: NW 1/4 above)

Section 22: S 1/2

- 1) Surface ownership - Bureau of Land Management
- 2) Grazing lease - Blanco Community #5039
(see above for the fourteen owners)
- 3) Mineral ownership - USA
- 4) Current leasehold - USA #SF-080003; held by production; Lessee and operating rights: 50% Amoco Production Company, P.O. Box 800, Denver, CO 80201, & 50% Conoco, Inc., Box 2197, Houston, TX 77252.

Section 23: S 1/2

- 1) Surface ownership - Colorado Storage Project (which the BLM is the administrator)
- 2) Grazing leases - Part of the S/2 is covered by Blanco Community #5039 (see above for the fourteen owners); and the remaining part of the S 1/2 is covered by Pump Canyon #5041, Estate of Fred Jacquez, c/o Genieve Jacquez, Box 362, Blanco, NM 87412
- 3) Mineral ownership - USA
- 4) Current leasehold - USA #SF-080005, held by production; Lessee and operating rights: 50%-Amoco Production Co. & 50%-Conoco. Inc.

INJECTION WELL DATA SHEET

Amoco Production Company

E. E. Elliott

Operator

Lease

SWD No. 1

1270' FNL X 580' FWL

26

30 North

9 West

Well No.

Footage Location

Section

Township

Range

San Juan County, New Mexico

Schematic

Tabular Data

CONDUCTOR CASING

20" csg @
250'Size 20 " Cemented with 500 sx.TOC surface feet determined by circulationHole size 26"

SURFACE CASING

13 3/8" csg
@ 3000'Size 13 3/8 " Cemented with 1700 sx.TOC surface feet determined by circulationHole size 17 1/2"

INTERMEDIATE STRING

9 5/8" csg
@ 5400'Size 9 5/8 " Cemented with 1400 sx.TOC surface feet determined by circulationHole size 12 1/4"Total depth 5400'

Injection interval

Packer @ 50'
above perforations

(will perforate selected intervals)

7400 feet to 8400 feet

INJECTION STRING

7" csg @
8509'Size 7 " Cemented with 600 sx.TOC 5000 feet determined by bond logHole size 8 1/2"Total depth 8509'Tubing size 3 1/2" lined with _____ set in a

(material)

packer at 7350' (approx.) feet

(brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Morrison, Bluff and Entrada
- Name of Field or Pool (if applicable) NA
- Is this a new well drilled for injection? ☒ Yes ☐ No
If no, for what purpose was the well originally drilled? _____
- Has the well ever been perforated in any other zone(s)? List all such intervals and give plugging detail (sacks or cement or bridge plug(s) used). NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. 2260' Fruitland; 2660' Pictured Cliffs; 4290' Mesaverde; 6970' Dakota

AFFIDAVIT OF PUBLICATION

COPY OF PUBLICATI

No. 25226

STATE OF NEW MEXICO,
County of San Juan:

BETTY SHIPP being duly sworn, says: "That she is the NATIONAL AD MANAGER of The Farmington Daily Times, a daily newspaper of general circulation published in English in Farmington, said county and state, and that the hereto attached LEGAL NOTICE

was published in a regular and entire issue of the said Farmington Daily Times, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for ONE consecutive (days) (//////) on the same day as follows:

First Publication SUNDAY, APRIL 29, 1990

Second Publication _____

Third Publication _____

Fourth Publication _____

and that payment therefore in the amount of \$ 16.81 has been made.

Betty Shipp

Subscribed and sworn to before me this 30TH day of APRIL, 1990.

J. Shorter
Notary Public, San Juan County,
New Mexico

My Comm expires: June 23, 1990

NOTICE

Notice is hereby given that Amoco Production Company, 200 Amoco Court, Farmington, New Mexico 87401, 505-326-9200, Attn: Buddy Shaw, intends to drill the E. E. Elliott SWD No. 1 for water disposal. Application will be filed with the New Mexico Conservation Division, E. E. Elliott SWD No. 1 will be located in the NW 1/4 Section 26, Township 30 North, Range 9 West, N. M. P. M. the well will be drilled to a total depth of 8535 feet. The immersion zone will be in the Morrison, Blaine and Permian Formations. The disposal will be determined by a Step Rate Injection Test.

This application was moved for technical reasons as originally indicated in Legal Notice No. 25730, dated June 28, 1989.

Any person, firm, association, or corporation of the State of New Mexico, or the United States of America, deeming that the granting of the application will impair or be detrimental to their water right may protest in writing the proposal set forth in said application. The protest shall set forth in writing all protest and reasons why the application should not be approved and must be filed with the Oil and Gas Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501, within 15 days of the date of last publication of this Notice.

Legal No. 25226 published in the Farmington Daily Times, Farmington, New Mexico on Sunday, April 29, 1990.