



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

January 31, 1989

GARREY CARRUTHERS
GOVERNOR

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

Shell Western E&P Inc.
P.O. Box 576
Houston, TX 77001 (WCK-4435)

Attn: Marcus Winder

Re: Northeast Drinkard Unit Project
Request for confirmation of cement top
Sun Expl. & Prod. Co. Elliott Fed A #3-A 21-21-37

Gentlemen:

As per your conversation with Evelyn Downs of this office, this will confirm that Sun has demonstrated that a workover performed in 1965 would place the TOC above the required depth of 5530'. They have been exempted from further cementing of this well.

A copy of their letter is attached for your information.

Very truly yours,

OIL CONSERVATION DIVISION

Jerry Sexton
Supervisor, District I

ed

Encl.



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Sun Exploration & production Company
P.O. Box 1861
Midland, Texas 79702-9970

Re: Elliott "A" #3-A, Sec 21, T21S, R37E
Elliott Fed "A" #4-H, Sec 21, T21S, R37E


Gentlemen:

The information we have received on the Elliott Fed "A" #4-H, indicates that the plugging procedure is sufficient and no further work is required on this well.

The information which you have submitted indicates that cement coverage is above the requested depth of 5530 feet as indicated by Division Order R8541, Shell Western E & P Inc, Northeast Drinkard Unit. No further work is required at this time.

Very truly yours

OIL CONSERVATION DIVISION


Jerry Sexton
Supervisor, District I

JS:bp

File



August 4, 1988

OK J S

Sun Exploration and
Production Company
No 24 Smith Road
ClayDesta Plaza
PO Box 1861
Midland TX 79702 9970
915 688 0300

Mr. Jerry Sexton
Oil Conservation Division
Hobbs District Office
P.O. Box 1980
Hobbs, New Mexico 88241-1980

RE: Sun Exploration & Production Co.
Elliott "A" No. 3, Unit "A"
Sec. 21, T-21-S, R-37-E
TOC Determination

Dear Mr. Sexton,

Reference is made to your letter of July 26, 1988, requesting that the top of cement in the subject well be cemented as necessary to cover the approved injection interval of 5530' to 6680' for Shell's NE Drinkard Unit.

The original TOC of 5840' via Halliburton's temperature survey dated 3/14/52 is correct. However, subsequent workover operations during February 1965 place the current TOC at some point in excess of the required depth of 5530' (see attached Form 9-331 and volumetric calculations).

From the 225 sk volume used when squeezing at $\pm 5800'$, a coverage to $\pm 5530'$ would have equaled a 280% excess volume factor. Therefore, it is my opinion that the TOC is well above the requested 5530' depth.

Please accept this information as sufficient to meet Sun's requirements in this matter. If you have any objections or require additional information, please contact me at 915/688-0419.

Sincerely,

A handwritten signature in cursive script that reads "Bruce Goodwin".
Bruce Goodwin
Hobbs Segment Engineer

BKG/jr