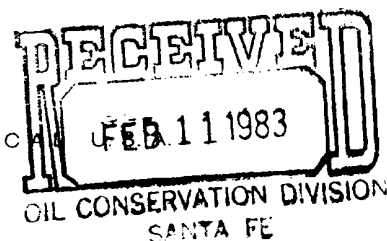


**DOWELL** DIVISION OF DOW CHEMICAL

Perryton, Texas 79070  
February 1, 1983



K M D Energy  
1701 N. Greenville, Suite 202  
Richardson, Texas 75081

Attn: Dennis B. Harris

Re: Cementing Service Report  
2 Mary Kay State  
Sec. 16-26N-36E  
Union Co., New Mexico

Dear Sir:

I have this date visited by telephone with Mr. Carl Ulvog in the Oil and Conservation Division, State Land Office in Santa Fe, New Mexico, regarding a cement affidavit on the above referenced well. According to his instructions, you are to file a copy of the enclosed cementing service report with him at P. O. Box 2088, Santa Fe, New Mexico 87501. The other copy is enclosed for your records.

Trust you find this in order and if we may be of further service, please feel free to contact us.

Sincerely,

A handwritten signature in cursive script that reads "Anita Kelley".

Anita Kelley, District Clerk  
Dowell Division  
Drawer Q  
Perryton, Texas



## CEMENTING SERVICE REPORT

DWL 496-K PRINTED IN U.S.A.

WELL NAME AND NO.

FORMATION

COUNTY

NAME

AND

ADDRESS

ZIP CODE

SPECIAL INSTRUCTIONS

FURNISH CEMENT T/EQUIP FOR  
USING (CEMENT L. AND BELOW)  
Displace w/ H<sub>2</sub>O

LOCATION-POOL NO.

DOWELL REPRESENTATIVE

STATE

DOWELL DIVISION DOW CHEMICAL U.S.A.

CONSERVATION DIVISION

SANTA FE

NEW MEXICO

TREATMENT NUMBER

03-13-6398

DATE

11/11/82

STAGE

DOWELL DISTRICT

Richardson TX

WELL DATA

|                                                             |                      |   |   |   |
|-------------------------------------------------------------|----------------------|---|---|---|
| HOLE SIZE 13 1/4                                            | CASING OR LNER 8 7/8 | B | C | D |
| DEPTH TH                                                    | SIZE-WEIGHT          |   |   |   |
| <input type="checkbox"/> ROT <input type="checkbox"/> CABLE | TOP                  |   |   |   |
| BEST                                                        | BOTTOM TH            |   |   |   |
| BHL                                                         | GRADE & THREAD       |   |   |   |
| BHCT                                                        | CAPACITY             |   |   |   |

|                         |       |      |
|-------------------------|-------|------|
| MUD TYPE                | WT    | VISC |
| TYPE DEBRIS FILL INSIDE |       |      |
| DEPTH TH                | TYPE  |      |
| TYPE TEXAS PATTERN GUN  | DEPTH |      |
| DEPTH TH                | TYPE  |      |
|                         | DEPTH |      |

|                                                            |                                                           |               |
|------------------------------------------------------------|-----------------------------------------------------------|---------------|
| <input type="checkbox"/> TBG <input type="checkbox"/> D.P. | HEAD & PLUGS                                              | SQUEEZE JOB   |
| SIZE                                                       | <input type="checkbox"/> DOUBLE                           | TYPE          |
| WEIGHT                                                     | <input type="checkbox"/> SINGLE                           | DEPTH         |
| GRADE                                                      | <input type="checkbox"/> SWAGE                            | TAIL PIPE     |
| THREAD                                                     | <input type="checkbox"/> KNOCKOFF                         | PERF INTERVAL |
| <input type="checkbox"/> NEW <input type="checkbox"/> USED | TOP <input type="checkbox"/> R <input type="checkbox"/> W | TO            |
| DEPTH                                                      | BOT <input type="checkbox"/> R <input type="checkbox"/> W | TO            |
| CAPACITY                                                   | OTHER                                                     | TO            |

PRESSURE LIMIT

PSI

BUMP PLUG TO

PSI

MIN

☐ ROTATE

RPM

☐ RECIPROCATE

FT

☐ CENTRALIZERS NO 2

JOB SCHEDULED FOR

TIME 15:00

DATE 11/11/82

ARRIVED ON LOCATION

TIME 17:00

DATE 11/11

LEFT LOCATION

TIME 22:45

DATE 11/11

SERVICE LOG DETAIL

| TIME | PRESSURE<br>TBG OR D.P. | CASING | VOLUME<br>PUMPED | INJECT<br>RATE |                                   |
|------|-------------------------|--------|------------------|----------------|-----------------------------------|
| 2000 | 0                       |        |                  |                | SAFETY MEETING                    |
| 2100 | 0                       | 76     | 4 1/2            |                | START CEMENT (LEAD)               |
| 2116 | 0                       | 33     | 4 1/2            |                | START (TAIL END)                  |
| 2125 | -                       | -      | -                |                | STOP Pump Drop Plug               |
| 2126 | 0                       |        | 4 1/2            |                | START DISPLACEMENT                |
| 2132 | 0                       | 20     | 3                |                | SLOW RATE 20 BBA GONE 3 BBA/min   |
| 2135 | 0                       | 27     | 1                |                | SLOW RATE 27 BBA GONE 1 BBA/min   |
| 2146 | 0                       | 37     | 1                |                | DISPLACEMENT IN did not Bump Plug |
|      |                         |        |                  |                | HELD                              |
|      |                         |        |                  |                | C.S. DOWN                         |
|      |                         |        |                  |                | SAFETY MEETING                    |

REMARKS

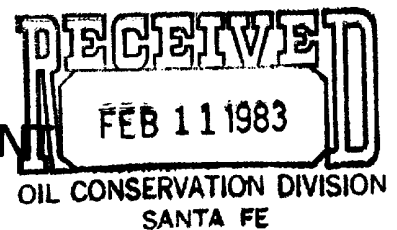
| SYSTEM<br>CODE | NO. OF<br>SACKS | YIELD<br>CU FT SK | COMPOSITION OF CEMENTING SYSTEMS          | WT | SACKS MIXED | PUMPED | PRESSURE MAX | MIN |
|----------------|-----------------|-------------------|-------------------------------------------|----|-------------|--------|--------------|-----|
| 1              | 235             | 1.3               | 3 1/2 L. H. Poz M 4% D 20 2% CACK 1% D 29 |    | 375         | 375    | 0            |     |
| 2              | 150             | 1.5               | CLASS H 2% CACK                           |    |             |        |              |     |
| 3              |                 |                   |                                           |    |             |        |              |     |

|                                    |                                     |                                           |                                     |                                      |                                                    |                                         |                             |
|------------------------------------|-------------------------------------|-------------------------------------------|-------------------------------------|--------------------------------------|----------------------------------------------------|-----------------------------------------|-----------------------------|
| <input type="checkbox"/> HEAD TAP  | <input type="checkbox"/> RUNNING SO | <input type="checkbox"/> CIRCULATION LOST | <input type="checkbox"/> YES        | <input type="checkbox"/> NO          | <input type="checkbox"/> CEMENT CIRCULATED TO SURF | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| <input type="checkbox"/> BREAKDOWN | <input type="checkbox"/> MEASURED   | <input type="checkbox"/> DISPLACEMENT     | <input type="checkbox"/> AS PLANNED | <input type="checkbox"/> UNAVAILABLE | <input type="checkbox"/> CEMENT LEFT IN PIPE       |                                         |                             |
| <input type="checkbox"/> TAKE      | <input type="checkbox"/> WATER      | <input type="checkbox"/> ROY COX          |                                     |                                      |                                                    |                                         |                             |



BRUCE KING  
GOVERNOR

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

\* \* \* NOTICE - NOTICE \* \* \*

MEMORANDUM

TO: OPERATORS, DIVISION DISTRICT IV  
FROM: CARL ULVOG, DISTRICT SUPERVISOR  
SUBJECT: WITNESSING OF CASING-CEMENTING AND WELL PLUGGING OPERATIONS

The District IV office of the Oil Conservation Division is to be notified of casing-cementing or well plugging in sufficient time to permit Division inspection of such operations.

In those cases where the operator fails to provide such notice the operator shall obtain and submit a cementer's affidavit describing the cementing operation giving volumes used, cement class type(s), additives used, and slurry weight; quantity, weight, and volume of mud mixed, if any; and such other detail as may be appropriate to confirm the cementing or plugging operations. The cementer's affidavit shall be signed by a representative of the cementing company and shall be filed by the operator with Division Form C-103 "Sundry Notices and Reports on Wells" which reports such operation.

February 27, 1981

jc/

2-3-83

*Geoponic Resources please note:*

*A copy of this Memo was attached to- and was thus a condition - of your approved permit to drill. This office was NOT notified of the casing-running or cementing. To date the required information has NOT been received.*

*Please see Rule 1103-B(1)&(2), p. M-3, and paragraph 70-2-20, p. 10. of O.C.D. Regulations.*

*C.U.*