

*Dave  
SWD-214*

February 20, 1986

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

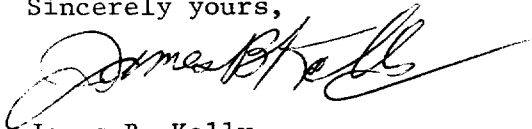
Reference: Tracer Log - Shell State SWD #13-1,  
Sec. 32, 23S, 37E  
Jal No. 4 Plant SWD #214

Dear Sir:

Enclosed is a copy of the Tracer Log which was run on the above captioned well on February 11, 1986, as an annual requirement requested by your Division.

Should additional information be required, please advise.

Sincerely yours,



James B. Kelly  
Senior Environmental Geologist  
Environmental Affairs Department

JBK;gb  
Enclosure

# CARDINAL SURVEYS CO.



## EJECTO LOG TRACER

|  |                                     |      |    |                  |      |       |
|--|-------------------------------------|------|----|------------------|------|-------|
| FILE NO. 7133                                  | COMPANY EL PASO NATURAL GAS COMPANY |      |    |                  |      |       |
|  | WELL SHELL STATE #13 SWD #1         |      |    |                  |      |       |
|  | FIELD LANGLIE MATTIX                |      |    |                  |      |       |
|  | COUNTY LEA                          |      |    | STATE NEW MEXICO |      |       |
| LOCATION:<br>NW 1/4, SW 1/4                    |                                     |      |    | Other Services   |      |       |
| SEC 32 TWP 23-S RGE 37-E                       |                                     |      |    |                  |      |       |
| Permanent Datum GL Elev. 3304'                 |                                     |      |    | Elevations:      |      |       |
| Log Measured from GL Ft. Above Permanent Datum |                                     |      |    | KB               |      |       |
| Drilling Measured from GL                      |                                     |      |    | DF               |      |       |
|  |                                     |      |    | GL 3304'         |      |       |
| Date   | 2-11-86                             |      |    |                  |      |       |
| Run No.  | ONE                                 |      |    |                  |      |       |
| Type Log                                       | TRACER & INJECTION TEMPERATURE      |      |    |                  |      |       |
| Depth-Driller                                  | 3998'                               |      |    |                  |      |       |
| Depth-Logger                                   | 3940'                               |      |    |                  |      |       |
| Bottom Logged Interval                         | 3940'                               |      |    |                  |      |       |
| Top Logged Interval                            | 10                                  |      |    |                  |      |       |
| Type Fluid in Hole                             | SALT WATER                          |      |    |                  |      |       |
| Salinity Ppm Cl.                               |                                     |      |    |                  |      |       |
| Density Lb./Gal.                               |                                     |      |    |                  |      |       |
| Level  | FULL                                |      |    |                  |      |       |
| Max. Rec. Temp. Deg. F                         |                                     |      |    |                  |      |       |
| Opr. Rig Time                                  |                                     |      |    |                  |      |       |
| Recorded By                                    | CRANFILL                            |      |    |                  |      |       |
| Witnessed By                                   | MR. KELLY                           |      |    |                  |      |       |
|  |                                     |      |    |                  |      |       |
| Run  | Bore Hole Record                    |      |    | Casing Record    |      |       |
| No.  | Bit                                 | From | To | Size             | Wgt. | To    |
|  |                                     |      |    | 4-1/2"           |      | 3719' |
|  |                                     |      |    | 2-7/8" LINER     |      | T.D.  |
| Tubing Record                                  |                                     |      |    |                  |      |       |
|  |                                     |      |    |                  |      |       |
|  |                                     |      |    |                  |      |       |
|  |                                     |      |    |                  |      |       |