

REC-111

WELL NAME AND NUMBER Crow Flats 4 Federal Comm #1 AUG 22 '90

LOCATION 1980' FSL & 2010' FWL, Section 4, T16S, R28E, Eddy County, New Mexico
 (New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and ~~WPP~~ OFFICE)

OPERATOR Dekalb Energy - 2626 Parkway / Suite #A200 - Odessa, Texas 79761

DRILLING CONTRACTOR ZIADRIL, Inc. - P.O. Box 1860 - Hobbs, New Mexico 88241-1860

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| Degrees and Depth | Degrees and Depth | Degrees and Depth | Degrees and Depth |
|-------------------|-------------------|-------------------|-------------------|
| 0 189 | 3/4 4889 | 1-1/2 6895 | |
| 3/4 400 | 1-3/4 5378 | 3/4 7142 | |
| 1/4 891 | 3/4 5782 | 1-1/2 7634 | |
| 1/2 1167 | 2 5905 | 1-1/4 8127 | |
| 1/2 1447 | 3 5995 | 3/4 8497 | |
| 1/2 1693 | 2-3/4 6087 | 3/4 8990 | |
| 0 2189 | 3 6179 | 1-3/4 9381 | |
| 3/4 2689 | 2-1/2 6272 | | |
| 1-1/4 3154 | 2-1/4 6489 | | |
| 1 3619 | 2-1/4 6583 | | |
| 1-3/4 4115 | 2 6676 | | |
| 1-1/4 4392 | 1-3/4 6769 | | |

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 AUG 16 10 15 AM '90
 CASE
 AREA

Drilling Contractor ZIADRIL, Inc.

By Wiley Gilmore
 Wiley Gilmore - Marketing Manager

Subscribed and sworn to before me this 5th day of July 19 90

My Commission expires:

05/05/94

Julie M. Hopper
 Notary Public - Julie M. Hopper
 Lea County, New Mexico