

FIELD Wildcat COUNTY Chaves OCC NUMBER _____
OPERATOR Hanagan Petroleum Corporation ADDRESS P. O. Box 1737, Roswell, NM 88202-1737
LEASE Long Arroyo WELL NO. 3
SURVEY 1980' FNL & 660' FWL of Section 8, T-13-S, R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
441	1/2
942	1/4
1,413	1/2
1,550	1/4
2,008	1/4
2,500	1/2
2,989	1/2
3,459	1/2
3,928	1/2
4,399	1/2
4,870	3/4
5,273	3/4
5,767	1/2
6,182	1/4
6,630	1/2
7,089	1/2
7,473	1
7,650	1/2
8,069	1 1/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.



MARGARET D. LONGANECKER
Notary Public, State of Texas
My Commission Expires 11-30-92

HONDO DRILLING COMPANY
BY: [Signature]
Walter Frederickson, Vice President

Sworn and subscribed to before me the undersigned authority, on this the

28th day of December 1989,

Margaret D. Longanecker
Margaret D. Longanecker

Notary Public in and for Midland County, TX.