

Fin drlg 7-7/8" hole to 6379' @ 9:00 PM 3/31/77. Ran CNL-FDC, DLL-RXO, GR-N & Sonic logs. DST #1, Abo. Pkr set 4380-4405'. Op tool, no flow to surf. DST #2, Abo. Pkr set 5486-5511'. Op tool, no flow to surf. DST #3, Abo. Pkr set 5970-5995'. Op tools @ 12:30 PM, started flow test @ 2:30 PM, flwd 1 hr, oil rate 689 BOPD, gas rate 350 MCFPD, GOR 510:1. FTP 140#. Sep press 90#. Closed tool @ 3:30 PM 4/3/77. Set pkr @ 5920-5945' for DST #4, Abo. Op tool @ 4:15 PM, flwd 2.7 MMCFPD, no fluid. DST #5, Abo. Pkr set 6150-6175'. Op tool @ 6:43 PM, flwd to pit til 10:43 PM, well failed to flow, fluid to surf in 4 hrs. Closed tool 15 min SI. Rel pkrs, RO 70 BO & 60 BDM to pit. Ran 5 1/2" OD 15.5# K-55 csg, set @ 6378', FC @ 6344' & DV tool @ 5007'. Cmtd 5 1/2" OD csg in 2 stages as follows: 1st stage, pmpd 10 bbls SAM-4 spacer, 25 BFW, 300 sx 50:50 Pozmix Cl C cmt cont' 2% gel, 8# salt/sk, 6/10 of 1% CFR-2 & 5#/sk gilsonite. Bumped plug w/1200# @ 11:30 PM 4/4/77. Op DV tool & circ out 45 sx cmt to pit. 2nd stage, pmpd 50 BFW, 950 sx Hal lite cont'g 8# salt/sk, followed by 100 sx Cl C w/8# salt/sk. PD @ 6:30 AM. Circ 64 sx to nit. Closed DV tool w/3200#.

FIELD Empire Aso COUNTY Eddy C. NUMBER _____
 OPERATOR Atlantic Richfield Company ADDRESS P. O. Box 1710, Hobbs, New Mexico 88240
 LEASE Empire Aso Unit H WELL NO. 293 SURVEY 1248.88' FSL & 50' FUL, Sec. 33, T17S, R-28E

RECORD OF INCLINATION

RECEIVED

APR 29 1977

O. C. C.
ARTESIA, OFFICE

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
550'	3/4
1,036'	1-1/4
1,371'	1-1/4
1,874'	1-1/2
2,111'	1-1/2
2,610'	1-1/2
3,065'	1-3/4
3,582'	1-3/4
4,079'	2-1/4
4,470'	2
4,799'	2-1/4
5,109'	3-1/2
5,452'	3
5,662'	2-3/4
6,150'	2-3/4
6,261'	3-1/2
6,375'	2-1/2


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.

HONDO DRILLING COMPANY

BY: 
 Walter Frederickson
 Vice President

Sworn and subscribed to before me the undersigned authority, on this the 13th day of April, 1977.

 Notary Public in and for Midland County, Texas.
 Joyce Wood