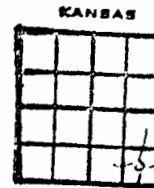


API#15-175-20,115

OCT 20 1972

Yucca Petroleum Company
Amarillo, Texas 79101



Drlg. Contractor: Stickle Drilling Company
Date Commenced: 10 August 1970
Date Completed: 27 August 1970

Espana No. 1
C SE SE 22-32S-31W
Seward County, Kansas

Temp. Abd

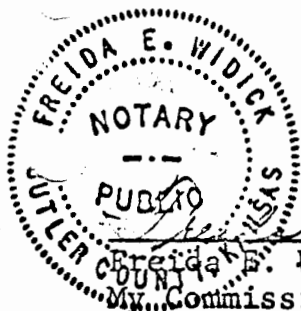
DRILLER'S LOG

Depth figures indicate base of formation:

Sand	520
Clay and Red Bed	630
Red Bed	1632
Red Bed and Anhydrite	2500
Lime and Shale	2627
Lime	2840
Dolomite	3070
Lime	3797
Lime and Shale	4150
Lime	4175
Lime and Shale	4330
Lime	6090 RTD

I, R. B. Parriott, hereby certify that to the best of my knowledge and belief, the above is a true and complete Driller's Log of Yucca Petroleum Company's Espana No. 1 in Seward County, Kansas.


R. B. Parriott





Freida E. Widick, Notary Public
My Commission Expires 23 June 1974

LOG TOPS

B ANHYDRITE	1720
WREF	3000
HEEB	4289
TOR	4306
LKC	4406
BKC	4978
MARM	4997
CHER	5208
MRW	5500
CHEST	5560
STE GEN	5747

