

15-175-20919-0000  
BW

GABBERT-JONES, INC.  
WICHITA, KAS.

DRILLERS WELL LOG

ETZOLD UNIT NORTH #3-5  
100' W & 100' S of C NE SW Sec. 22-33S-34W  
Seward County, Kansas

COMMENCED: 11/18/86

COMPLETED: 11/30/86

OPERATOR: ANADARKO PETROLEUM CORP.

Rig #12

DEPTH	From	To	Formation	Remarks
	0	30	Cased Hole	30' of 20" csg.
	30'	275'	Sand	
	275'	1037'	Sand-Redbed	Ran 37 jts. of 24# 8 5/8" csg. LD @
	1037'	1080'	Glorietta Sand & Redbed	1637' w/550 sax Posmix -4% Gel -
	1080'	1260'	Sand	2% CC - 200 sax Common - 2% CC -
	1260'	1638'	Redbed-Anhydrite	PD @ 4:00 AM 11/20/86
	1638'	1777'	Anhydrite Shale	
	1777'	3895'	Shale - Lime	
	3895'	5255'	Lime-Shale	
	5255'	5320'	Lime	Ran 156 jts. of 15 1/2# 5 1/2" csg. LD
	5320'	6419'	Lime-Shale	@ 6418' w/50 sax litewt. 100 sax
				50/50 Posmix - 10% salt - 1/4 #
				Floseal
		6419'	Total depth	PD @ 4:30 AM 11/30/86

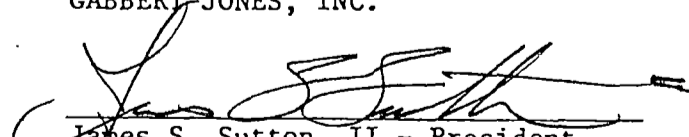
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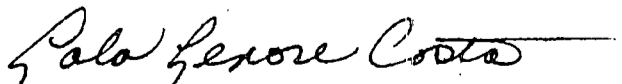
FROM CONFIDENTIAL

STATE OF KANSAS )  
                          ) I, the undersigned, being duly sworn on oath, state that  
COUNTY OF SEDGWICK) the above Drillers' Well Log is true and correct  
                          ) to the best of my knowledge and belief and according  
                          ) to the records of this office.

GABBERT-JONES, INC.

  
James S. Sutton, II - President

Subscribed & sworn to before me this

  
Lola Lenore Costa - Notary Public

My Commission expires November 27, 1988

STATE CORPORATION COMMISSION

MAR 12 1987

CONSERVATION DIVISION  
Wichita, Kansas