

DRAWN BY
ARTESIA, NEW MEXICO

Operator <i>Duffy C. Corp.</i>		Lease <i>Ant. F. Rammert et al.</i>		Well # <i>1 K</i>	
Location of Well	Unit <i>1980 S2W</i>	Section <i>32</i>	Township <i>19</i>	Range <i>26</i>	County <i>Eddy</i>
Drilling Contractor	<i>Cactus</i>		Type of Equipment <i>Rotary</i>		

Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
17 1/2	13 3/4	78		350	Circ
11	8 5/8	24		2600	Circ
7 7/8	5 1/2	19.5		9700	200

Surface 82 joints of 8 7/8 inch 24 # Grade K 5

Inspected by S. J. Funn Date 12-5-69

Size of hole ^{12 1/4 1980} 11" 2 5/8" Size of Casing 8 5/8" Sacks cement required

Type of Shoe used Guide Float collar used insert Btm 3 pts welded Threadlok

TD of hole 2570 Set Feet of $\frac{5}{8}$ Inch 24 # Gauge K S

New-used csq. @ $\mathcal{D}$ with 168 sacks neat cement around shoe C 2% $\frac{1}{4}$ $\frac{1}{2}$

+ 300 sax class C 7% 6.12% CuCl₂ additives Plus 5400K class C 7% 6.12% CuCl₂ above DV Tool

Plug down @ 5:40 (AM) (PM) Date 12 6-69

[illegible]

Cemented by *Hullbarton* *J* Disposed by *Steamth*

Temp. Survey ran @ 2.0 (AM) (PM) Date 12-17-69 Top cement @ 437 ^{we. Th}
we. 11

Casing test @ (AM) (PM) Date

Method Used	Witnessed by
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Checked for shut off @ (AM) (PM) Date

Method used _____ Witnessed by _____

Remarks: 13 1/4 csg s. tot 365 feet cmt circ. Pick up artesian water at 530

sect. No noticeable increase below that point. Started drilling with

circulated water at 1700 ft. Losing some circulation below 2350 ft.

load hole with 300 bbl mud & circulate some water. Run casing with DV

Tool #1 13.50' Top SF 1105, Bone Spring 2010, Centralizers #1 5' 20' 863'

At bottom and 10' below and 30' above DV Tool. Hole circulated water, mud and some bit mud the whole time. Appeared to fall back very

1. H₂O when pumps SD. All vegetation and shallow water covered by

1st stage and surface casing. In trying to fill hole to surface, dropped tubing in hole and could not get back in below 200'.