



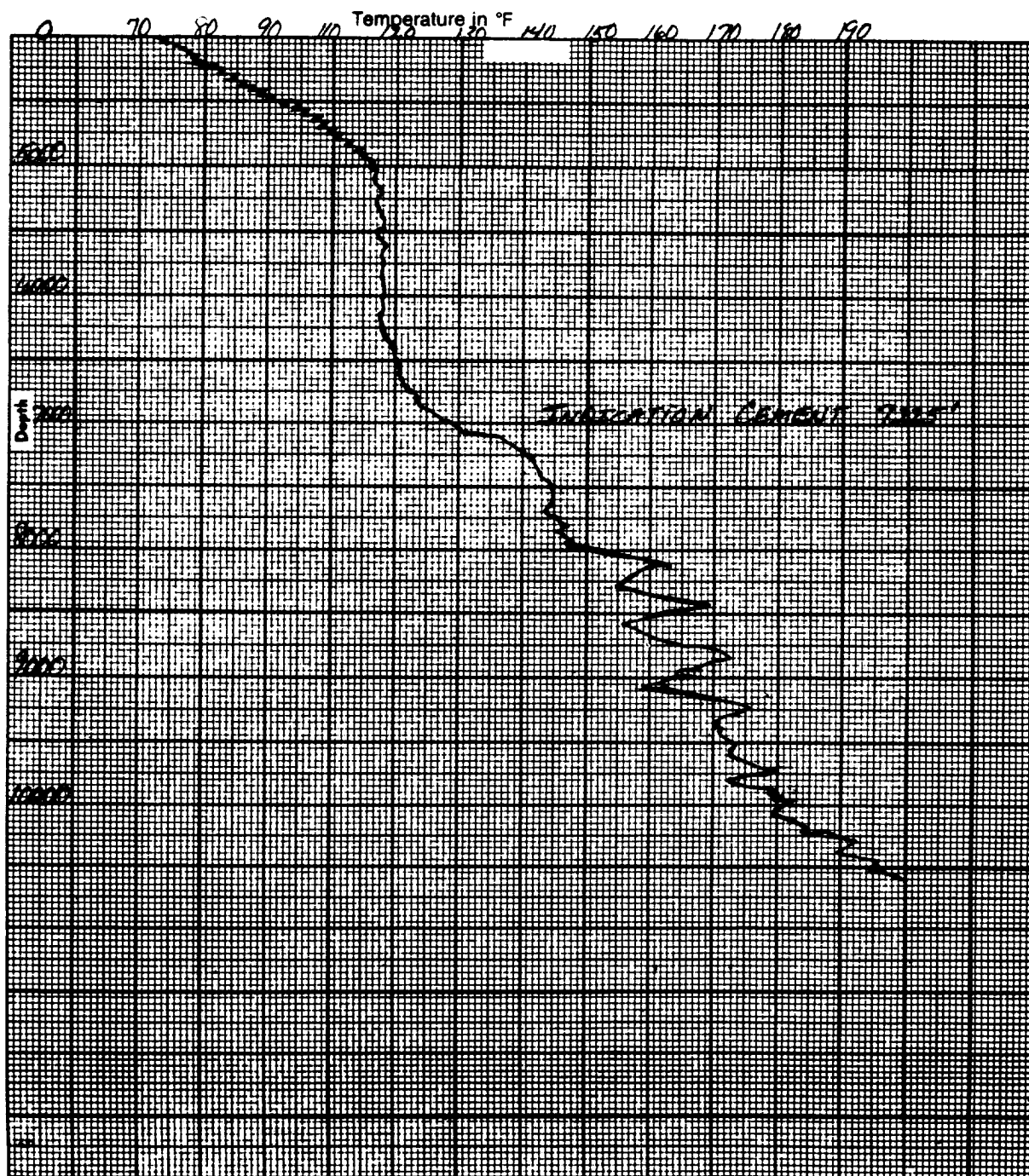
BENNETT-CATHEY WIRE LINE SERVICE

P. O. BOX 787 / ARTESIA, NEW MEXICO 88210 / PHONE 746-3281

TEMPERATURE SURVEY



OPERATOR SOUTHLAND ROYALTY
LEASE MID STREAM STATE COM
WELL NO. 1
COMPANY REPRESENTATIVE WAYNE GRUBBS
DATE & TIME CEMENT JOB COMPLETED 1000 HOURS 9-30-85
DATE & TIME SURVEY MADE 2200 HOURS 9-30-85
SURVEY RUN BY PETE HERNANDEZ
WELL DATA GL, INDICATION OF CEMENT 7225',
TOTAL DEPTH 10578'



SUGGESTED FIELD DATA SHEET (Not Required To File)

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4-14-86	Lease No. or Serial No.
Company Southland Royalty Company				Connection None	Allottee
Field Illinois Camp, N		Reservoir Morrow	Location 1980N-1320W		Unit L
Completion Date 4-6-86		Total Depth 10,650'	Plug Back TD 10,595'	Elevation 3617.1' GR	Farm or Lease Name Midstream "16" St Com
Csg. Size 5 1/2"	Wt. 17#	Set At 10,650'	Perforations: From 10,434'	To 10,554'	Well No. 1
Tbg. Size 2 3/8"	Wt. 4.7#	Set At 10,417'	Perforations: From Open End	To 	Sec. 16
Type Completion (Describe) Single				Packer Set At 10,417'	County or Parish Eddy
Producing Thru Tbg		Reservoir Temp. F 	Mean Annual Temp. F 60	Baro. Press. - P_a 13.2	State New Mexico
10,429	10,429	.672	% CO ₂ 1.172	% N ₂ .375	% H ₂ S
				Prover 3.068'	Meter Run Flg

DATE	ELAP. TIME	Wellhead Working Pressure			METER OR PROVER				REMARKS
		Tbg. Psig.	Csg. Psig.	Temp. F	Pressure Psig.	Diff.	Temp. F	Orifice	
9:45	72	2086							Gas sample taken @ 6:45
12:45	75	2090	- Test Start						Fluid 57.1 @ 60°
1:00		2000			230	4	87	1.00	
1:15		1990			230	3	86	1.00	
1:30		1987			230	3	86	1.00	
1:45		1984			230	3	88	1.00	
2:00		1950			230	7	88	1.00	
2:15		1920			230	10	86	1.00	
2:30		1915			220	8	86	1.00	
2:45		1911			220	9	86	1.00	
3:00		1887			230	29	82	1.00	
3:15		1857			230	30	78	1.00	
3:30		1805			240	27	70	1.00	
3:45		1776			230	22	68	1.00	
4:00		1682			230	38	60	1.00	
4:15		1615			240	45	68	1.00	
4:30		1574			240	40	78	1.00	
4:45		1569			230	37	80	1.00	
5:00		1464			230	70	70	1.00	
5:15		1405			230	70	78	1.00	1st show of fluid
5:30		1385			230	68	86	1.00	
5:45		1358			230	66	94	1.00	Fluid during 4-Point TSTM
5:45	Open	well up 3/4" choke							
6:30		145			100	43	103	1.75	
6:45		138			100	34	100	1.75	.5 Bbl cond 1 hr.
7:15		150			100	34	100	1.75	.3 Bbl cond 30 min.
7:30		150			100	31	100	1.75	.3 Bbl cond 15 min
8:00		145			100	31	95	1.75	.7 Bbl Last hr
8:30		145			100	29.5	95	1.75	
9:00		145			100	29.5	100		

FIELD Illinois Camp North COUNTY Elm., NM OCC NUMBER _____
OPERATOR Southland Royalty Company ✓ ADDRESS 801 Cherry Street, Ft. Worth, TX 76102
LEASE Midstream "16" State Com WELL NO. 1
SURVEY 2310' FSL & 990' FWL of Section 16, T-18-S, R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
415	1/4
909	1/4
1,407	1/2
1,902	1
2,332	1
2,492	3/4
2,990	3/4
3,484	3/4
3,650	1 1/4
4,136	1 1/2
4,340	1 1/4
4,813	1
5,342	1 1/4
5,834	1 1/4
6,183	2 1/2
6,294	2 1/4
6,448	3
6,524	3 1/2
6,665	2 3/4
6,789	2 1/4
6,943	2 3/4
7,098	2 3/4
7,255	3
7,411	2 1/2
7,566	2 1/4
7,783	2
8,063	2
8,341	2
8,404	1 1/4
8,900	1 1/2
9,392	1
9,883	1 1/4
10,268	1 1/2
10,630	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

10th day of October, 1985.

Margaret B. Anderson Notary Public in and for Midland County, Texas
Margaret B. Anderson