



# BENNETT-CATHEY WIRE LINE SERVICE

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## BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR SANTA FE ENERGY  
LEASE FERGUSON  
WELL NO. 1  
POOL                      FORMATION STRAWN  
DATE 8-26-85 TIME 1950 HOURS  
CO. MAN TOMMY FOLSOM  
STATUS SHUT IN TEST DEPTH 10249'  
TIME S.I. 1530 HRS LAST TEST DATE                       
8-23-85 BHP LAST TEST                       
TUB. PRES. 4053.2 BHP CHANGE                       
CAS. PRES.                      FLUID TOP                       
DATUM PLANE                      WATER TOP                       
DATUM PSIA 5369.2 RUN BY KENT SMITH  
TEMP 185° CLOCK # 27193  
PRESSURE RANGE                      8100#  
ELEMENT NO.                      RPG3#18573

| DEPTH | PSIA<br>PRESSURE | LBS/100 FT<br>GRADIENT |
|-------|------------------|------------------------|
| 0     | 4053.2           |                        |
| 3000  | 4420.2           | 12.2                   |
| 6000  | 4802.2           | 12.7                   |
| 9000  | 5172.2           | 12.3                   |
| 10099 | 5290.2           | 10.9                   |
| 10249 | 5317.2           | 18.0                   |
| 10538 | 5369.2           | 18.0                   |

10538 FEET WAS EXTRAPOLATED  
TIME B.H.P. MEASURED 1950 HOURS  
LENGTH OF TIME WELL SHUT IN  
75 HOURS 20 MINUTES  
PERFORATIONS FROM 10481 TO 10595

