

|                                                                                                                                          |                            |       |           |              |    |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------|-----------|--------------|----|
| COUNTY                                                                                                                                   | CHAVES                     | FIELD | Cato      | STATE        | NM |
| OPR                                                                                                                                      | SINCLAIR OIL & GAS CO.     |       |           | MAP          |    |
|                                                                                                                                          | 4 Winkler-Federal          |       |           |              |    |
|                                                                                                                                          | Sec. 28, T-8-S, R-30-E     |       |           | CO-ORD       |    |
|                                                                                                                                          | 990' FSL, 990' FWL of Sec. |       |           | 30-005-20141 |    |
|                                                                                                                                          | Spd 10-5-67                |       |           |              |    |
|                                                                                                                                          | Cmp 10-12-67               |       |           | CLASS EL     |    |
| CSG & SX - TUBING                                                                                                                        | FORMATION                  | DATUM | FORMATION | DATUM        |    |
| 8 5/8" 302' 200                                                                                                                          |                            |       |           |              |    |
| 4 1/2" 3540' 275                                                                                                                         |                            |       |           |              |    |
|                                                                                                                                          |                            |       |           |              |    |
|                                                                                                                                          |                            |       |           |              |    |
| LOGS EL GR RA IND HC A                                                                                                                   |                            |       |           |              |    |
|                                                                                                                                          | TD 3540'; PBD 3507'        |       |           |              |    |
| IP SA Pfs 3397-3432' Flwd 256 BOPD + 180 BLW. Pot. Based on 6 hr test of 64 BO + 45 BLW thru 24/64" chk., TP 50#, gravity 24.2, GOR 300. |                            |       |           |              |    |

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DATE Cactus PROP DEPTH 3700' TYPE RT

F.R. 9-21-67  
PD 3700' - SA  
Contr. - Cactus  
10-9-67 Drlg. 3370'.  
10-16-67 TD 3540', PBD 3507', WO Pot.  
Perf @ 3397', 3403', 3405', 3415', 3416',  
3421', 3423', 3425', 3427', 3430', 3432',  
W/2 SPI  
Acid (3397-3432') 10,000 gals.  
Flwd 64 BO + 45 BLW in 6 hrs thru 24/64"  
chk., TP 50#, gravity 24.2, GOR 300.  
10-23-67 TD 3540', PBD 3507', COMPLETE  
LOG: Yates 1514', Queen 2145', SA 2680'.