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8 5/8-361-300 sx  
4 1/2-4801-275 sx  
2 3/8-4465

[illegible]

IP (Gustafson, San Andres) Perfs 4480-4628 P 10 BOPD + 38 BW.  
 640 lbs. 100% 1 hr test. COR 500,000; gty (NR)

3952 DF                      sub-s

100-15-15-82 OMWO  
 100-4660 WO (Grayburg-San Andres)  
 Orig. #115 Santa Fe, comp 9-14-70 thru  
 San Andres) Parts 4580-4628, OTD 4805,  
 OPB 4660; OMWO & Re-comp 4-1-71 thru (San  
 Andres) Parts 4480-4628, OTD 4805, OPB 4660)  
 100-4805; PBD 4660; Complete  
 100-54 (San Andres) 4544-54  
 100-4660 (4480-4628) 11,700 gals  
 COMPLETION ISSUED

418

|                          |                            |           |        |           |              |
|--------------------------|----------------------------|-----------|--------|-----------|--------------|
| COUNTY                   | LEA                        | FIELD     | Vacuum | STATE NM  | 30-025-23532 |
| CPR                      | PHILLIPS PET. CO.          |           |        |           | MAP          |
|                          | 115 Santa Fe               |           |        |           |              |
|                          | Sec 4, T-18-S, R-35-E      |           |        |           | CO-ORD       |
|                          | 330' FNL, 1650' FWL of Sec |           |        |           |              |
|                          | Spd 8-29-70                |           |        |           | EL 3952.5    |
|                          | Cmp 9-14-70                |           |        |           | CLASS        |
|                          |                            | FORMATION | DATUM  | FORMATION | DATUM        |
| CSG & SX - TUBING        |                            |           |        |           |              |
| 8 5/8" at 361' w/300 sx  |                            |           |        |           |              |
| 4 1/2" at 4801' w/275 sx |                            |           |        |           |              |
|                          |                            |           |        |           |              |
|                          |                            |           |        |           |              |
|                          |                            |           |        |           |              |
| LOGS EL GR RA IND HC A   |                            |           |        |           |              |
|                          | TD 4805'; FBD 4660'        |           |        |           |              |

IP (San Andres) Perfs 4580-4628' F 384 BOPT. Pot based on 8 hr test thru 1/2" chk. GOR 450; Grav 36.8. IP Pkr; IP 140%.

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|       |        |            |       |      |    |
|-------|--------|------------|-------|------|----|
| CONT. | Cactus | PROP DEPTH | 4700' | TYPE | RT |
| DATE  |        |            |       |      |    |

F.R. 7-20-70; Opr's Elev. 3952' IS  
TD 4700' RT (Grayburg & San Andres)  
Contractor - Cactus  
9-1-70 Orig. 3100' anhy  
9-8-70 TD 4805'; MORT  
9-15-70 TD 4805'; FBD 4660'; Swbg  
Perf 4740-60' w/1 STP  
Acid (4740-60') 1000 gals  
Swbd 20 BW + 20 BAW + 20 b salt wtr 10 b hrs  
(4740-60')  
Sqzd (4740-60') w/85 sx  
Perf 4677-82', 4695-4700', 4705-10' w/1 STP  
Acid (4677-4715') 1000 gals  
Swbd 20 BW + 24 BAW + 46 b salt wtr 10 b hrs  
(4677-4715')

9-15-70 Continued  
Sqzd (4677-4715') w/100 sx  
Perf (San Andres) 4580-86', 4598-4608', 4614-18',  
4622-28' w/1 SPF  
Acid (4580-4628') 2100 gals  
Swbd 24 RC + 6 BAW in 3 hrs  
9-22-70 TD 4805'; PBD 4660'; WO Potential  
Flwd 128 RC + 10 BAW in 8 hrs thru 1/2" chk,  
GOR 450, Grav 36.8, TP 140# (4580-4628')  
9-28-70 TD 4805'; PBD 4660'; COMPLETE  
LOG TOPS: Anhydrite 1563', Yates 2893',  
Queen 3822', Grayburg 4113', San Andres 4476'  
10-1-70 COMPLETION REPORTED

|                                                 |                            |           |        |              |
|-------------------------------------------------|----------------------------|-----------|--------|--------------|
| COUNTY                                          | LEA                        | FIELD     | Vacuum | OWWO         |
| OPR                                             | PHILLIPS PET. CO.          | STATE     | NM     | 30-025-23552 |
|                                                 | 115 Santa Fe               |           | MAP    |              |
|                                                 | Sec 4, T-18-S, R-35-E      |           | CO-ORD |              |
|                                                 | 330' FNL, 1650' FWL of Sec |           |        |              |
|                                                 | Re-Spd 3-30-71             | CLASS     | OWDF   | EL 39528     |
|                                                 | Re-Cmp 4-1-71              | FORMATION | DATUM  | FORMATION    |
| CSG & SX TUBING                                 |                            |           |        |              |
| 8 5/8" at 361' w/300 sx                         |                            |           |        |              |
| 4 1/2" at 4801' w/275 sx                        |                            |           |        |              |
|                                                 |                            |           |        |              |
|                                                 |                            |           |        |              |
|                                                 |                            |           |        |              |
| LOGS EL GR RA IND HC A                          |                            |           |        |              |
|                                                 | TD 4805'; PBD 4660'        |           |        |              |
| (San Andres) Perfs 4480-4628' NO NEW POTENTIAL. |                            |           |        |              |

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CONT. DATE PROP DEPTH 4628' TYPE WO

5-11-71 F.R.C. 5-13-71; Opr's Elev. 3952' DF  
PD 4628' WO (San Andres)  
(Orig. comp 9-14-70 thru (San Andres) Perfs  
4580-4628', OTD 4805', OPB 4660')  
TD 4805'; PBD 4660'; COMPLETE  
Perf (San Andres) 4480-84', 4494-98', 4510-16',  
4525-27', 4532-36' w/1 SPF  
5-13-71 Acid (4480-4536') 3000 gals (28%)  
COMPLETION REPORTED