

## DRY & ABANDONED

CONTR Moranco OPR'S ELEV 4310' GL 4321' KB<sup>PO</sup> 10,300' RT

F.R. 9-20-76  
(Wolfcamp)  
9-28-76 Drlg 3774'  
10-4-76 Drlg 5260'  
10-12-76 TD 8187'; Trip  
10-18-76 Drlg 9640'  
DST (Abo) 8936-89', open 1 hr 15 mins, rec  
30' wtr, 2 hr ISIP 259#, FP 43-43#, 1 hr  
30 min FSIP 259#, HP 3959-3959#  
10-25-76 TD 10,100'; Prep Log  
DST (Wolfcamp) 9720-70', open 2 hrs, GTS in  
5 mins, rec 720' VHGCM w/tr oil, 1 hr ISIP  
3390#, FP 86-315#, 2 hr FSIP 3390#, HP  
4501-4501#

11-1-5 NM

LEA  
BROWN, H. L., JR.

Wildcat  
1 State UTP  
Sec 21, T15S, R32E

NM  
Page #2

10-25-76

Continued

DST (Bursum) 9850-73', open 1 hr, rec  
120' DM, 1 hr ISIP 3682#, FP 91-98#,  
1 hr 30 min FSIP 3672#, HP 4659-4652#  
DST (Bursum) 9884-9909', open 1 hr 15 mins,  
rec 270' DM + 180' SW, 1 hr ISIP 3344#,  
FP 86-172#, 2 hr FSIP 3131#, HP 4709#

11-1-76

TD 10,100'; Dry & Abandoned  
LOG TOPS: Rustler 1413', Queen 3313',  
San Andres 4049', Glorieta 5652', Tubb  
6904', Abo 7662', Wolfcamp 9029', Three  
Brothers 9589', Bursum Reef 9860',  
Cisco 10,040'

11-6-76

COMPLETION ISSUED

11-1-5 NM  
IC 30-025-70167-76

| COUNTY                                 | LEA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FIELD     | Wildcat     | STATE          | NM           |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------|--------------|----------------------------------------|--|--|--|-----------|-------|-----------|-------|-------------------|--|--|--|--------------------|--|--|--|----------------------|--|--|--|--------------|--|--|--|----|---------------|-----|--------|
| OPR                                    | SANTA FE ENERGY CO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             | API            | 30-025-25345 |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
| NO                                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LEASE     | State "UTP" | MAP            |              |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
|                                        | Sec 21, T15S, R32E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | COORD          |              |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
|                                        | 1980 FLS, 1980 FEL of Sec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |                | 12-3-50 NM   |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
|                                        | 26 mi S/Caprock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             | SPD Re 6-16-81 | Re 9-15-81   |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
| CSG                                    | <table border="1"> <thead> <tr> <th colspan="4">WELL CLASS: INIT WFD FIN WFD LSE. CODE</th> </tr> <tr> <th>FORMATION</th> <th>DATUM</th> <th>FORMATION</th> <th>DATUM</th> </tr> </thead> <tbody> <tr> <td>12 3/4-500-500 SX</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8 5/8-4112-1600 SX</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5 1/2-12,491-1285 SX</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2 3/8-12,305</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ID</td> <td>13,790 (DVNN)</td> <td>PBD</td> <td>12,491</td> </tr> </tbody> </table> |           |             |                |              | WELL CLASS: INIT WFD FIN WFD LSE. CODE |  |  |  | FORMATION | DATUM | FORMATION | DATUM | 12 3/4-500-500 SX |  |  |  | 8 5/8-4112-1600 SX |  |  |  | 5 1/2-12,491-1285 SX |  |  |  | 2 3/8-12,305 |  |  |  | ID | 13,790 (DVNN) | PBD | 12,491 |
| WELL CLASS: INIT WFD FIN WFD LSE. CODE |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |                |              |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
| FORMATION                              | DATUM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FORMATION | DATUM       |                |              |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
| 12 3/4-500-500 SX                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |                |              |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
| 8 5/8-4112-1600 SX                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |                |              |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
| 5 1/2-12,491-1285 SX                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |                |              |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
| 2 3/8-12,305                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |                |              |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |
| ID                                     | 13,790 (DVNN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PBD       | 12,491      |                |              |                                        |  |  |  |           |       |           |       |                   |  |  |  |                    |  |  |  |                      |  |  |  |              |  |  |  |    |               |     |        |

IP (Morrow) Perfs 12,364-383 CAOF 839 MCFGPD. GOR 3807; gty  
(Gas) .736, (Cond.) 47.7; SIWHP 2894; SIBHP 5445

CONTR Landis #2 OPRSTEV 4310 GL, 4325 KB sub-s 13

F.R. 5-18-81 OWDD  
PD 13,600 RT (Devonian)  
(Orig. Brown, H.L., D&A 10-28-76, OTD 10,100)

6-22-81 Drlg 10,298  
6-29-81 Drlg 11,300  
7-7-81 Drlg 12,030  
DST (Atoka) 11,818-980, (Sampler rec 100 PCT  
MUD), IFP 933-955, 1 HP 6084, misrun-pkr failed

7-13-81 TD 12,336; Rng DST  
7-20-81 Drlg 12,636  
DST (Morrow) 12,307-336, op 1 hr 33 mins, rec 2000  
FT WTR CUSH + 80 FT MUD, 1 hr ISIP 1251, FP  
990-990, 3 hr 10 min FSIP 1186, HP 6487-6487, BHT  
166 deg  
DST (Morrow) 12,355-410, op 1 hr 45 mins, rec 800  
FT GAS, OIL & COND CUT WTR CUSH + 962 FT SLI GAS,  
OIL & COND CUT WTR CUSH + 885 FT H GAS, OIL & COND  
CUT WTR CUSH + 519 FT GAS, OIL & COND CUT MUD, 1  
hr ISIP 5481, FP 1544-2000, 8 hr 6 min FSIP 5481,  
HP 6455-6455  
12-3-50 NM

7-27-81 Drlg 13,340  
8-11-81 TD 13,790; Prep PB  
DST (Devonian) 13,520-635, op 1 hr 15 mins, re  
3000 FT WTR CUSH + 10 FT MUD (Sampler rec 160 CC  
MUD), 1 hr ISIP 1922, FP 1358-1358, 2 hr 30 min  
FSIP 1748, HP 7032, 7032. BHT 185 deg  
DST (Devonian) 13,632-690 op 1 hr 15 mins, rec 3000  
FT WTR CUSH + 400 FT MUD (Sampler rec 2300 CC FWTR  
@ 220#), 1 hr ISIP 5191, FP 1474-1542, 2 hr 30 min  
FSIP 4966, HP 7067-7067, BHT 185 deg  
DST (Devonian) 13,668-790, sp 1 hr 15 mins, rec  
3000 FT WTR CUSH + 186 FT MUD (Sampler rec 2300

12-3-50 NM

8-11-81 Cont'd  
CC MUD @ 5#), 1 hr ISIP 4730, FP 1310-1310, 1 hr  
FSIP 4541, HP 7018-7072  
BHT 185 deg  
Deepened 10,100 to 13,790  
Ran 5 1/2 csg  
8-18-81 TD 13,790; SI  
9-15-81 TD 13,790; PBD 12,491; SI  
PB to 12,491  
Perf (Morrow) 12,364-383  
Natural  
9-22-81 TD 13,790; PBD 12,491; WO PLC CAOF 839 MCFGPD +  
128 BC + 5 BW (12,364-383)  
12-14-81 TD 13,790; PBD 12,491; Complete  
(Morrow) FOUR POINT GAUGES:  
Flwd 200 MCFGPD, chk (NR), 60 mins, TP 2217  
Flwd 232 MCFGPD, chk (NR), 60 mins, TP 2042

LEA  
SANTA FE ENERGY CO.

Wildcat  
1 State "UTP"  
Sec 21, T15S, R32E

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12-14-81 Cont'd  
Flwd 364 MCFGPD, chk (NR), 60 mins, TP 1786  
Flwd 483 MCFGPD, chk (NR), 60 mins, TP 1509  
Morrow discovery; no suggested Field Name  
BHT 174 deg @ 12,322  
12-19-81 COMPLETION ISSUED

12-3-50 NM  
IC 30-025-70250-81

O. K. to approve this as  
- a 20' wide at. still not  
be - an extension to the  
North Anderson Ranch  
Sheep camp.

Verbal from Dan Futter  
to Jerry Sutton  
9/17/76