

FEDERAL ERWIN NO. 1
Chaves Co., N. M.

- 10-25-55 Went in hole with measuring line. Found 22' of fillup, frac sand. Fluid level @ 1570'. Cleaned out from 3135-46' with sand pump. Unable to get deeper with sand pump. Rigged up reverse circulation and cleaning out to TD 3157'. Prep to shoot well.
- 10-26-55 Reverse circulated with 4 3/4" bit and cleaned out frac sand to TD of 3137'. Pulled tbg. and bit. Went in hole with shooters measuring line to check TD, checked out 3157'. Ran 4" shooters dummy to check dia. of hole, OK. Ran 55 Qts. SOWE dump shot 3135-3157' with 3/4 yard pea gravel cap. Shot detonated at 4:00 a.m. 10-26-55. Now going in hole with tbg. and 4 3/4" bit to clean out.
- 10-27-55 TD 3157' - After shooting had 147' fill-up including gravel pack. Now cleaning out at 3128'. Will clean out 3157'. Showing little gas.
- 10-28-55 TD 3157' - cleaning out @ 3139' - 18' yet to clean out.
- 10-29-55 TD 3157' - cleaned out to TD of 3157' @ 6:00 a.m. Now circulating to clean up hole.
- 10-30-55 Ran the following 2 3/8" tbg. strings: Bottom
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|--|---------|
| 1 jt. 2 3/8" EUE 4.7# 8rd J-55 tbg. bull plugged | 31.00 |
| 1 2 3/8" EUE perf. nipple | 3.00 |
| 1 2 3/8" EUE seating nipple | 1.00 |
| 100 jts. 2 3/8" EUE 4.7# 8rd J-55 tbg. | 3086.59 |
| 1 2 3/8" EUE pup jt. | 6.00 |
| 1 2 3/8" EUE pump jt. | 4.00 |
| Total | 3131.59 |
| Old zero to tbg. hanger | 5.00 |
| Tbg. bottomed at | 3136.59 |
- Used total of 195 BLO to load hole & while drlg. Capacity of hole, 72 bbls. Swabbed 102 BLO in 17 hrs.
- 10-31-55 Lost swab in tbg. Tripped tbg. & rec. swab. Swabbed 21.12 BLO in 13 hrs. 72 bbls of 195 BLO yet to rec. Fluid coming in hole at rate of 100'/hr. Showing very little gas. Now swbg 1 BOPH. No signs of wtr.
- 11-1-55 TD 3157' - swbg. 8 hrs. today. If still swbg. as much as 1 BOPH will run rods & test well with test pumping unit.
- 11-2-55 TD 3157' - shut down for 16 hrs. No fluid came in hole. Swabbed 2.5 BLO in 5 hrs. Releases swab unit.
- 11-3-55 Thru
1-10-56 WOO
- 1-11-56 TD 3157' - Lea County casing Pullers moved in and rigged up. Shot casing @ 2600', left strain on pipe overnight.
- 1-12-56 Shot casing @ 2190'. Worked csg. loose. Started out of hole laying down csg.

1-14-56 TD 3157' - On 1-11-56 set cement plug from 2950-3100' with 25 sxs reg. cement. Rec. 48 jts., 1503', 5 1/2" OD 14# J-55 ST&C csg Cond. B. Set cnt plug from 175-280 with 25 sxs. reg. cement. Ran 15' cement plug in top of 8 5/8 surface csg with 4" pupe cemented in it sticking 4' above ground. Well P&A 1-13-56.
FINAL REPORT

1. The first of the two main parts of the report is a general survey of the situation in the country. This part is divided into two sections: the first section deals with the political situation, and the second section deals with the economic situation.