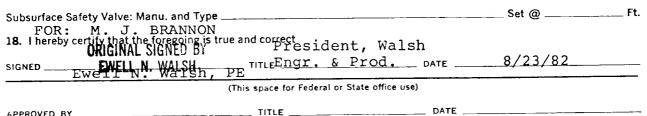
| | GEOLOGICAL SURVEY |
|---------|----------------------------|
| | DEPARTMENT OF THE INTERIOR |
| c. 19/3 | UNITED STATES |

| 5. LEASE SF - 078/309 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME | | |
|--|--|--|
| | | |
| | | |
| | | |
| 10. FIELD OR WILDCAT NAME | | |
| Basin Dakota | | |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR | | |
| AREA Sec. 28-T25N-R9W N.M. P. M. | | |
| 12. COUNTY OR PARISH 13. STATE | | |
| San Juan | N.M | |
| 14. API NO. | | |
| | | |
| 15. ELEVATIONS (SHOW DF, KDB, AND WD) | | |
| (NOTE: Report results of multiple completion or zone change on Form 9–330.) | | |
| directionally drilled, give Sul | give pertinent dates, osurface locations and | |
| AUC | 24 1982 | |
| | 6. IF INDIAN, ALLOTTEE 7. UNIT AGREEMENT NA 8. FARM OR LEASE NAM Federal 28 9. WELL NO. 2 10. FIELD OR WILDCAT N Basin Dakota 11. SEC., T., R., M., OR B AREA Sec. 28 N.M. 12. COUNTY OR PARISH San Juan 14. API NO. 15. ELEVATIONS (SHOW 6673 G.L. (NOTE: Report results of mechange on Form 9- change on Form 9- one of the substitution of the su | |





APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

ASCEPTED FOR RECORD

*See Instructions on Reverse Side

4.J.J. 39 1982

| Formation DAKOTA Stage | FRACTURE TREA | TMENT Dat | e8/17/ Federa | | |
|------------------------|--|---|-------------------------|---------------------------|--|
| Operator M. J. BRANNON | | Lease and W | | | |
| Correlation Log | TypeCNL-FD | C From | 5500' | To5100' | |
| Temporary Bridge Plug | | - Collar | Set A | t_6510' | |
| Perforations | 6395'-6397' 2 ft. 4 holes 6415'-1419' 4 ft. 8 holes Per foot type 3-1/2" Glass Strip Jets | | | | |
| Pad | per 1000 gal | gallons. Ad lons. 1 gallon lbs. Adomite | frac flo p | er 1000 | |
| Water | | gallons. Ad Tons. 15 lbs. | ditives 2 Adomite pe | 1b. FR-20 er 1000 gal. | |
| Sand | 80,000 | _ lbs. Size | 20-40 | | |
| Flush | 4,300 per 1000 ga | _ gallons. Adallons. | | lbs. FR-20 | |
| Breakdown | | ig | | | |
| Ave. Treating Pressure | | sig | | | |
| Max. Treating Pressure | 3300 ps | sig | | | |
| Ave. Injecton Rate | 55 BF | РМ | | | |
| Hydraulic Horsepower | 4179 HH | IP | | | |
| Instantaneous SIP | 2300 ps | sig | | | |
| 5 Minute SIP | | sig | | | |
| 10 Minute SIP | 1740 ps | sig | | · : | |
| 15 Minute SIP | | sig | | • | |
| Ball Drops: | Ba | alls at 60,000 | gallons | | |
| | 10 Ba | alls at 70,000 | gallons | 20 increa | |
| | 00 5 | 110 2+ 00 000 | gallone | increa | |

20 Balls at 80,000 gallons 30 psig increa increa — Walsh Engineering & PRODUCTION CORP.