

New Mexico Operation Center

10/03/1996 To 12/05/1996

| Well name | Well no. | FlacHzSub | Kind | Condition | Well status date |
|---------------|----------|-----------|------|------------|------------------|
| TELEDYNE /17/ | 001N17 | 95642602 | Gas | 09:Flowing | 11/26/96 |

| Date final'd | Wrk.act.type | Reason | User ID | Fld.est.cost | Wrk.act.no. |
|--------------|--------------|---------------------|---------|--------------|-------------|
| 11/26/96 | Repair | Increase Production | ZTJM18 | | 107 |

| Service unit type | Rig up | Rig down. | Capbl.of drlgn? | Service company | Unit no. |
|-------------------|----------|-----------|-----------------|-----------------|----------|
| Pulling Unit | 10/18/96 | 11/26/96 | Yes | Gibson | 122 |

| Job type | Start dt. | End dt. | FlacHzSub | Highlights |
|--------------------|-----------|----------|-----------|---|
| WIRELINE | 10/18/96 | 10/21/96 | 95642602 | Activity: Bomb jarrel ser. run bottom hole prs bombs 10-18-96 x well shut in 4 days x fish bombs x bhp 2423 psi at 11625' x .064 grad. tih x 1. 875 gauge ring x tag at 11,133' x poh x tih x wl x 1.750" bailer x recover scale x poh x wl bailer x shut down over night. |
| ACIDIZING | 10/22/96 | 10/22/96 | 95642602 | 11,133 to 11,660 FT. pump 500 gals 15% acid down tbq x csg to clean out scale x flush. |
| WIRELINE | 10/22/96 | 10/22/96 | 95642602 | Activity: Tagging tih x 1.875" tbq guage ring x tag f-nipple x poh x guage ring x rih x sniker bar x tag fill in csg at 11660' x poh x sinker bar x rih x psi plug x set in f-nipple x load x test tbq x ok. |
| TESTING/SWABBING | 10/23/96 | 10/24/96 | 95642602 | 0 to 4,400 FT. get off on/off tool x displace csg of pkr fluid x 2% kcl filtered water x run swb x swab csg down to 4400'. swab csg down to keep load off of pay zone. |
| WIRELINE | 10/25/96 | 10/28/96 | 95642602 | Activity: Tubing Punch rih x wl x unable to latch onto psi plug x poh x rih x wl x perf tbq at 11146' x 2 spf x poh x wl x release pkr x pull 20 jts x pkr dragging due to fluid on top of packer x rih x wl x perf tbq below pkr x equalized prs x poh x tbq x pkr ok. |
| CLEAN OUT/PLUGBACK | 10/28/96 | 10/31/96 | 95642602 | 11,508 to 11,509 FT. rih x bit x scraper x tbq x tag at 11508' (bridge of scale x made 1' x rotating tbq tongs) x unable to make any more hole. |
| CLEAN OUT/PLUGBACK | 10/31/96 | 10/31/96 | 95642602 | 11,518 to 12,301 FT. rih x 1.870" blade bit x motor x 1 1/4" tbq x tag bridge at 11518-11530' x 11680-11690' x 12291-12293' x tag at 12229' x solid x spot 2 bbl 15% acd x no hole x turn down hole motor x bit x made 2' from 12229' to 12301' x stop x spot 2 bbl acd x no hole |
| WIRELINE | 11/02/96 | 11/02/96 | 95642602 | Activity: Tagging rih x gauge ring before csg gun x stuck gauge ring at 11480' x unable to work free x pull out of rope socket x shut down over night. |
| FISHING | 11/04/96 | 11/04/96 | 95642602 | 11,480 to 11,481 FT. wire line gauge ring stuck x unable to work free x pull off rope socket x rih x short catch over shot x jars x tbq x latch on to fish x work free x poh x recover fish. |
| CLEAN OUT/PLUGBACK | 11/05/96 | 11/05/96 | 95642602 | 11,670 to 11,686 FT. rih x 4 1/8" bit x jars x tbq x wipe out bridge from 11670-11686" x run bit down to 12080' (enough rat hole to perforate) . |
| PERFORATION | 11/06/96 | 11/06/96 | 95642602 | 11,740 to 11,750 FT. rih x wl x csg gun 3 3/8" x perforate from 11740-11750' x 4 spf x 90 degree phasing. |
| REMOVED/RUN | 10/28/96 | 11/07/96 | 95642602 | Work Activity rih x 5" pkr instead of 7 5/8" pkr x set 5" pkr 28' below top perfs x 50' above new perfs due to isolating top perfs to keep water off lower perforations. |
| ACIDIZING | 11/11/96 | 11/11/96 | 95642602 | 11,798 to 12,050 FT. acd perfs 11798-12050' x 4000 gals 15% x additives x 200 scf n2/bbl x 1.25" coil tbq x max trtp 4500 x avg trtp 2900 x air 1.2 bpm |
| TESTING/SWABBING | 11/12/96 | 11/26/96 | 95642602 | 11,740 to 12,050 FT. swab well for 11 days x unable to get well to kick off x recovered 194 blw x 335 bfmw x ffl 9500 fs x gas cut x scattered x turned over to production x hook up to sales x rig down swab unit. |