CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

| Form 9–331 Dec. 1973 | Budget Bureau No. 42-R1424 | | |
|--|--|--|--|
| UNITED STATES | /5. LEASE | | |
| DEPARTMENT OF THE INTERIOR | NM-081208 | | |
| GEOLOGICAL SURVEY | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | |
| SUNDRY NOTICES AND REPORTS ON WELLS | 7. UNIT AGREEMENT NAME | | |
| (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.) | 8. FARM OR LEASE NAME | | |
| 1. oil gas | Hospah | | |
| 1. oil gas other Injection | 9. WELL NO. | | |
| 2. NAME OF OPERATOR | 67 | | |
| Tenneco Oil Company | 10. FIELD OR WILDCAT NAME | | |
| 3. ADDRESS OF OPERATOR | Hospah USS | | |
| P. O. Box 3249, Englewood, CO 80155 | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA | | |
| 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 | | | |
| below.) | Sec. 12, T17N R9W 12. COUNTY OR PARISH 13. STATE | | |
| AT SURFACE: 1532' FNL 2718' FEL AT TOP PROD. INTERVAL: | McKinley New Mexico | | |
| AT TOTAL DEPTH: | 14. API NO. | | |
| 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, | - Arrivo. | | |
| REPORT, OR OTHER DATA | 15. ELEVATIONS (SHOW DF, KDB, AND WD) | | |
| | 6998' gr. | | |
| REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: | | | |
| TEST WATER SHUT-OFF SPACTURE TREAT | | | |
| FRACTURE TREAT | | | |
| REPAIR WELL | (NOTE: Report results of multiple completion or zone | | |
| PULL OR ALTER CASING | change on Form 9–3300) | | |
| MULTIPLE COMPLETE | in the second of | | |
| CHANGE ZONES | By and the | | |
| (other) | The second secon | | |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state | to all pertinent details, and give pertinent dates | | |
| including estimated date of starting any proposed work: If well is d measured and true vertical depths for all markers and zones pertiner | directionally drilled, give subsurface locations and not to this work.)* | | |
| 8/5/81 - MIRUSU. POOH $w/2-3/8$ " tbg in upper s | | | |
| string. Left a 3" OD by 30' long heat shield | | | |
| lower string w/tbg and bit. Hit solid obstruct | | | |
| RIH in lower w/tension pkr. Set pkr @ 1550' a injection rate. POOH w/4-1/2" tension pkr. | and pressured up to 2000 psi. No | | |
| 8/6/81 - RIH w/2-3/8" tbg in lower string to 1 | 1614' Spotted following plugs w/ | | |
| CL-B cmt. 1614-1200', 32sx, 1200-800 32sx, 800 | | | |
| to surface. North string (lower air injection | | | |
| south string w/2-3/8" tbg and 4-1/2" fullbore | | | |
| water. Estab rate w/water into upper Hospah p | | | |
| Upper Hospah perfs w/75sx Cl-B cmt. Final squ | | | |
| pkr. Pulled up 1 stand. Set pkr and pressure | | | |
| cmt left in csg. | | | |
| Subsurface Safety Valve: Manu. and Type | Set @ Ft. | | |
| 18. I hereby contry that the foregoing is true and correct | | | |
| \ | nalyst _{DATE} 8/20/81 | | |
| | | | |

(This space for Federal or State office use)

TITLE

DATE

*See Instructions on Reverse Side

FARMINGTON DISTRICT

ACCEPTED FOR RECORD

AUG 28 1981







Job separation sheet

CHANGE ZONES ABANDON* (other)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

CHARLES AND DEPORTS ON WELLS

| | | Form Approved. Budget Bureau No. 42–R1424 |
|--------|--------|--|
| - | 5. | LEASE |
| | | NM-081208 |
| Δ | | IF INDIAN, ALLOTTEE OR TRIBE NAME |
| | 7. | UNIT AGREEMENT NAME |
| t — | 8. | FARM OR LEASE NAME Hospah |
| | 9. | WELL NO. |
| | 10. | FIELD OR WILDCAT NAME Hospah USS |
| 7 | 11. | SEC., T., R., M., OR BLK. AND SURVEY OR AREA |
| , | 12. | Sec. 12, T17N R9W COUNTY OR PARISH 13. STATE |
| | | McKinley New Mexico API NO. |
| | 14. | AFT NO. |
| | 15. | ELEVATIONS (SHOW DF, KDB, AND WD) 6998' gr. |
| • | | |
| | (N | COM. |
| | | 100M. 907. 8 |
| | | |
| d | irecti | pertinent details, and give pertinent dates, onally drilled, give subsurface locations and this work.)* |
| an | d c | d 2-3/8" tbg. Rigged up swivel from 1450' to 1617'. Hit hard irc out bits of metal. Csg tand of tbg, circulated hole |
| | | . POOH w/2-3/8" tbg and bit. RDMOSU. |
| | -:1 | od progoduro dated 7/9/81 was |

| (Do not use this form for proposals to drill or to deepen or plug back to a different | · | | |
|--|---|--|--|
| (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.) | 8. FARM OR LEASE NAME | | |
| 1. oil gas other Injection | Hospah 9. WELL NO. | | |
| 2. NAME OF OPERATOR Tenneco Oil Company 3. ADDRESS OF OPERATOR | 10. FIELD OR WILDCAT NAME Hospah USS 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA | | |
| P. O. Box 3249, Englewood, CO 80155 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 | | | |
| below.) AT SURFACE: 1532! FNL 2718' FEL AT TOP PROD. INTERVAL: AT TOTAL DEPTH: | Sec. 12, T17N R9W 12. COUNTY OR PARISH 13. STATE McKinley New Mexico | | |
| 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | 14. API NO. 15. ELEVATIONS (SHOW DF, KDB, AND WD) | | |
| REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF | (NOTE: Report results of multiple completion or tongs change on Form 9-330.) | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stincluding estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertin

8/7/81 - POOH w/tension pkr. RIH w/3-7/8" b. and drilled soft cmt to 1450'. Drilled hard obstruction @ 1617'. Bit making no headway a collapsed across lower Hospah sand. Pulled of clean.

8/10/81 - PT squeeze on upper csg to 500 psi RIH w/2-3/8" tbg open ended and hung off @ 1

NOTE: Rework which did not conform to the detailed procedure dated 7/9/81 was given verbal approval by Richard Bell to Paul Pendleton of Tenneco Oil.

| Subsurface Safety Valve: Manu. and Type | Set @ Ft. | | |
|--|---|-------|---------------------|
| 18. I hereby certify that the foregoing is t | rue and correct | | |
| | TITLE Production Analys | tdate | 8/20/81 |
| | (This space for Federal or State office use |) | |
| APPROVED BY | TITLE | DATE | ACCEPTED FOR RECORD |

AUG 28 1981

FARMINGTON DISTRICT

*See Instructions on Reverse Side