| Form 3160-4 (November 1983) (formerly 9-533) | GEIV NOV 1 8 19 | EN 99 DEPA | | ED STA | | TEŘIOR | | | | Form appr Budget Bu Expires A | ireau No. ugust 31, | |
|--|---------------------------------|---------------------------|----------------------|---------------------|--------------------------------|-------------|-----------|-----------------------|----------|-------------------------------------|------------------------|----------------------------|
| £ 1.2 | MOA I O IS | BURI | EAU OF L | AND M | ANAG | EMENT | :: 12: 1 | 49 | | | NMNM | 1-03733 |
| were | OMPLETE | N ORR | | | N RÉI | PORT A | ND L | OG* | | 6. IF INDIAN, A | LLOTTEE OR T | RIBE NAME |
| 1a. TYPE OF WELL: | WELL — | | <u>X</u> DR | .Y—— | Other | FAFRVIN | (GI OM | | | 7. UNIT AGREE | MENT NAME | |
| b. TYPE OF COMPINEW WORI | K DEEP- | | | DIFF. RESVR | 0 | ther | | | = | 8. FARM OR LE | | ECH |
| 2. NAME OF OPERATOR | CAT | I IZING O | u com | A BISZ | | | | | | 9. WELL NO. | 225 | B-M |
| 3. ADDRESS OF OPERATOR | | LKINS OF BOX 340 | IL COMP | ANY | | | | | \dashv | 10. FIELD AND | | |
| | | OMFIELI | D, NM 87 | 413 | | | 505) 632 | | | | | DAKOTA |
| 4. LOCATION OF WELL (Report | · | | | | | 30-0. | 39- a | 1596 | 26 | | M., OR BLOCK | AND SURVEY OR AREA |
| At surface | | 5 1122' F | Æ | | | | | | | I, | SEC. 18 | -26N-6W |
| At top prod. interval re At total depth | eported below | same | | | 14. PER | RMIT NO. | 1 | DATE ISSUED | | 12. COUNTY O | R PARISH | 13. STATE |
| At tour deput | | same | | | | 39-2592 | | 7-29-9 | | Rio Arril | | New Mexico |
| 15. DATE SPUDDED 9/4/99 | 16. DAT | e t.d. reached 9/18/99 | 3 | 17. DATE C | OMPL. (<i>Read</i> 10/15/9 | | 18. ELEVA | tions (df, rk 6709 | | ETC.)* | 19. ELEV. C. | ASINGHEAD 6709 |
| 20. TOTAL DEPTH, MD & TVD 7502' | , | 21. PLUG, BACK | | <u> </u> | 2. IF MULTI HOW MA | PLE COMPL. | , | 23. INTERVA | LS | 0' - 7 | | CABLE TOOLS |
| 24. PRODUCING INTERVAL(S), | , OF THIS COMPLETION - 1 | OP, BOTTOM, NA | Æ (MD AND TVD |) * | 2 C | ommingle | ea | | <u> </u> | | 25. WAS DE | RECTIONAL SURVEY MADE |
| 7259' – 7425' BA | _ | 4 | | | | | | | | | | No 27. WAS WELL CORED |
| 26. TYPE OF ELECTRIC AND O' Cement Bond, Ga | | elation, In | duction & | Compen | sated N | leutron - | Density | | | | | No No |
| 28. | WEIGHT, LB | /FT | CASI DEPTH SET | | | eport all s | trings se | t in well) | CEME | NTING RECORD | | AMOUNT PULLED |
| 9 5/8" | 36# | | 340' | | | 12 1/4" | | 15 | 5 sack | s (215 cu | ft.) | None |
| 5 1/2" | 15.5 7 | # | 7502 | <u>'</u> | | 7 7/8" | | 103 | 7 sack | s (1949 c | u. ft.) | None |
| | | | | | | | | | | | - | |
| 29. | | | RECORD | | | | | 30. | | | ING RE | PACKER SET (MD) |
| SIZE | TOP (MD) | воттом | (MD) | SACKS CEME | ENT* | SCREEN | I (MD) | 2 3/ | | | 06' | None |
| | | | | | | | | 2 3/ | | | | 7.000 |
| 31. PERFORATION RECORD (In | | | - | | | 32. | ACID | | FRAC | | | QUEEZE, ETC. MATERIAL USED |
| One .32 hole at fo | ollowing depths 7376' 7421 | | | | | | 59' – 74 | <u> </u> | 190, | 400# 20/4 | 0 Brady | sand and |
| 7270' 7355' | 7390' 7425 | | | | | | | | 2960 |) bbls 2% | KCL/20 | # cross-link gel |
| 7290' 7359' | 7401' | | | | | | | | | | | |
| 7343' 7372' | 7407' | | | | PRO | DUCTIO | N | | | | | |
| DATE FIRST PRODUCTION | | RODUCTION MET | HOD (Flowing, gas | lift, pumping – siz | | | | | | | WELL STA | TUS (Producing or shul-in) |
| DATE OF TEST | HOURS TESTED | Flowing CHOKE SIZE | Pi | ROD'N FOR TES | ST PERIOD | OIL - BBL. | | GAS - MCF. | | WATER - | BBL. | Shut-in GAS-OIL RATIO |
| 10/25/99 | l hour | 3/4 | | | → | .0 | 5 | 51 | 1.9 | | race | |
| FLOW. TUBING PRESS. | CASING PRESSURE | | ULATED C | OIL - BBL. | | | GAS - MCI | F. | V | VATER - BBL. | | OIL GRAVITY-API (CORR.) |
| 88 | 330 | | - NOR KATED | | 1.2 | | | 1246 | | trace | PTED TNESSED BY | FOR RECORL |
| 34. DISPOSITION OF GAS (Sold Vented | i, usea jor juei, vented. etc.) | | | | | | | | | | LOUI | 1 6 1999 |
| 35. LIST OF ATTACHMENTS | | | | | | | | | | | | |
| 36. I hereby certify that the foregoing | ing and attached information i | s complete and correc | 1 as determined from | all available reco | nds NIL | CD | | | | | RMINGT | ON FIELD OFFICE |
| 4. | | | | | | | | _ | | FA B | شك | 1000 |
| SIGNED Kole | nt I Verge | ue_ | | | . TIT | LE Su | perintend | dent | DAT | | vember 3 | , 1999 |

| FORMATION | 7794' | BOTTOM | FORMATION TOP BOTTOM DESCRIPTION, CONTENTS ETC. 2004. 2430. Water Sand | NAME |
|--|----------------|----------------|---|------|
| | 2294' 2968' | 2430' 3026' | Water Sand Gas Sand | |
| Otero Chacra | 3810' | 3900' | Gas Sand | |
| Mesa Verde | 4644* | 5401' | Gas Sand | |
| The state of the s | 7256 | 7434" | Gas Sand | |
| Parola | 7230 | 1401 | Can contro | |
| | ···· | | | |
| | | | HOLE DEVIATION | |
| | - | <u> </u> | 121' 1/2° 3866' 3/4° | |
| | | | 1 1/4° 4612' | |
| · | | | 1207' 1 1/4° 5112' 1 3/4° 1306' 1 1/2° 5601 1/4° | • |
| | | | 2801' 1° 6595' 1° 3340' 1° 7000' 1° | |
| , | | | NOTE: Cement Bond Log shows tops as follows: Stage #1 6056' Stage #2 4381' | |
| | • | | | |
| | | | | |