Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other In-structions on

FOR APPROVED OMB NO. 1004-0137

Expires December 31, 1991 5. LEASE DESIGNATION AND SERIAL NO

NM-078146

| WELL (| COMPL | ETION OR | RECOMP | LET | ON F | REPO | ORT AND | LO | G* | 6 IFI | NDIAN, ALLOTTEI | OR TRIBE NAME |
|--|---|---|---|-------------------|---------------------------------|--|------------------------------|----------|---------------------------|------------------------|-------------------------------|---------------------------------|
| 1a TYPE O | F WELL: | OIL WEL | GAS WELL | C DF | RY | Other | CENT DEC 10 20 | | | 1 | | |
| | | | · **: | | <u> </u> | OF | CEIV | Votes - | • | 7 UN | IT AGREEMENT N | IAME |
| b TYPE O | F COMPLET | | | - ~ | FF [| J. C. Pro | • | .07 | | L | | ME WELL NO |
| | MELL X | WORK DEE OVER EN | P- PLUG BACK | | SVR | Other | EC 10 20 | 101 | | 8. FA | RM OR LEASE NA | |
| | | | | | | | JEC = | - 00 | ment | | Newberry 1 | M |
| | OF OPERATO | | | | | | and M | anay' | fice | 9 AP | I WELL NO. | 40 |
| | | lips Company EPHONE NO. | | | | Bures | of Land Manington Figure | 310 O. | | 10 F | 30-045-341 ELD AND POOL, (| |
| | | 39, Farmington, | NM 87499 (| 505) 3 | 26-97 | OU ES | Muna. | | | | | Blanco Mesaverde |
| | | L (Report location | clearly and in acc | cordance | with any | y State r | equirements)* | | | | | BLOCK AND SURVEY |
| At surface | ce Ui | nit I (NESE) 2330 | | | | | | | | 0 | R AREA | |
| At Botto | | , , | | | | | | | | | Sec. 17, T3 | 1N, R12W, NMPM |
| At top p | rod. interval i | reported below | | | , | | | | | | RCVD | DEC 12'07 |
| | | | | | | | | | | | OIL (| ONS. DIV. |
| At total of | deptn | | | | | | | | | | [| NST. 3 |
| | | | | 14. PE | RMIT N | O. | DATE ISSUE | D | | 12 C | OUNTY OR | 13. STATE |
| | | | | ł | | | | | | 1 | PARISH | ļ., |
| 45 DATE 00 | UDDED Ise | DATE TO DEAGUE | D III DATE | COMPL. | /Poody t | o arod \ | L | lan rii | DUTIONS OF D | (D. OT. 5 | San Juan | New Mexico 19. ELEV CASINGHEAD |
| 15. DATE SP 4/26/2 | - 1 | 5/8/2007 | | 1/17/2 | | υ <i>μ</i> τυ α.) | | GL | EVATIONS (DF, RI 6067' | КВ, RT, E КВ | 6082' | 19. ELEV CASINGHEAD |
| | EPTH, MD &TV | | , BACK T.D., MD &T | | | TIPLE CO | MPL., | | TERVALS | | Y TOOLS | CABLE TOOLS |
| | | | | | | HOW M | | | RILLED BY | | | |
| 7171' | | 71 | | | | 2 | | <u> </u> | | | X | |
| 24 PRODUC | CTION INTERVA | AL (S) OF THIS COMP | LETION-TOP, BOTT | OM, NAMI | E (MID AN | D TVD)* | | | | | 25 WAS DIRECT SURVEY MA | |
| | Dakota | 6996' - 7120 | • | | | | | | | | | No |
| | | THER LOGS RUN | | | | | | | | 27. WA | S WELL CORED | |
| GR/C | BL/CCL | | | | | | | | | | | No |
| 28. | | | | CAS | ING RE | CORD (| Report all strings | s set in | well) | | | |
| THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NA | ZE/GRADE | WEIGHT, LB /FT | DEPTH SET | | HOLE | | 444 | | EMENTING RECO | RD | 5 bbls | MOUNT PULLED |
| 9-5/8", 7", J-5! | -5/8", H-40 32.3# 227' ", J-55 23# & 20# 4760' | | | 12-1/4" 8 3/4" | | surface; 76sx (122cf) surface; 790 sx (1611 cf) | | | 91 bbls | | | |
| 4 -1/2" | | 10.5# & 11.6# | | | 7/4" | | TOC @ 4400' | | | | 01 0013 | |
| 29 | | LINER | RECORD | | | | 30 | | | TL. | BING RECORD |) |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEME | ENT* | SCREEN | | SIZE | | DEPTH SET | (MD) | P/ | ACKER SET (MD) |
| | <u> </u> | - | | | | | 2-3/8" | | 7053' | | _ | |
| 31 PERFORA | ATION RECOR | D (Interval, size and no | ımber) | 32 | , | | ACII | D SHC | T, FRACTURE, | CEME | NT SQUEEZE. | ETC. |
| Dakota @ | .34" | | , | ٣ | 6996' -7120' 10 bbls 15% HCL | | | | | | | |
| 6996'-7050' | | | | | Frac w/2512 bbls | | | | | | ater w/40,000 | # |
| | | | | <u> </u> _ | 20/40 TLC proppa | | | | TLC proppa | nt | | |
| iotai DK i | noies = /u | , | | - | | | | | | | - | |
| | | | | F | | | | | | | | |
| 33 | | | | | | | ODUCTION | | | | | |
| DATE FIRST PR SI | | PROD | JCTION METHOD (| | as lift, pur lowine | | e ana type of pump |) | | | SI | Producing or shul-in) |
| DATE OF TEST | | HOURS TESTED | CHOKE SIZE | PROD'N | | g OILBE | BL | GAS- | MCF | WATE | R-BBL | GAS-OIL RATIO |
| | | | 1 | TEST P | | 1 | | | | | |] |
| | | | .5" | | <u> </u> | | 0 boph | 12 m | | | 1/4 bwph | |
| 11/17/2 | | 1 | | OIL | 3BL | - | GASMCF | | WATER-BB | L | | OIL GRAVITY-API (CORR.) |
| | | 7 CASING PRESSURE | CALCULATED 24-HOUR RATE | 1 | | | | | | | | |
| FLOW. TUBING | PRESS | CASING PRESSURE | CALCULATED 24-HOUR RATE | 1 | hond | | 289 mcfd | | 6.5 hwnd | | | |
| FLOW. TUBING SI - 292# | PRESS | | 24-HOUR RATE | 1 | bopd | | 289 mcfd | | 6.5 bwpd | | TEST WITNESSE | D BY |
| FLOW. TUBING SI - 292# 34. DISPOSIT | PRESS | CASING PRESSURE SI - 288# | 24-HOUR RATE | 0 | | | | | 6.5 bwpd | | TEST WITNESSE | D BY |
| SI - 292# 34. DISPOSIT To be sold 35. LIST OF A | PRESS ON OF GAS (S Waiting | CASING PRESSURE SI - 288# Sold, used for fuel, ven g for facilities | 24-HOUR RATE ted, etc.) to be set bef | ore ca | n first | delive | | | 6.5 bwpd | | TEST WITNESSE | D BY |
| SI - 292# 34. DISPOSIT To be sold 35. LIST OF A This is a | ON OF GAS (S d. Waiting TTACHMENTS MV/DK C | CASING PRESSURE SI - 288# Sold, used for fuel, ven g for facilities commingle w | 24-HOUR RATE ted, etc.) to be set bef ell per DHC | ore ca | n first r 253 | delive | er. | · | 6.5 bwpd | | TEST WITNESSE | D BY |
| SI - 292# 34. DISPOSIT To be sold 35. LIST OF A This is a | ON OF GAS (S d. Waiting TTACHMENTS MV/DK C | CASING PRESSURE SI - 288# Sold, used for fuel, ven g for facilities | 24-HOUR RATE ted, etc.) to be set bef ell per DHC | ore ca | n first r 253 | delive | er. | · | 6.5 bwpd | | TEST WITNESSE | D BY |
| SI - 292# 34. DISPOSIT To be sold 35. LIST OF A This is a 36. Thereby ce | ON OF GAS (S d. Waiting TTACHMENTS MV/DK C | CASING PRESSURE SI - 288# Sold, used for fuel, ven g for facilities commingle w | 24-HOUR RATE ted, etc.) to be set bef ell per DHC formation is comple | orde orde | n first r 253' | delive | from all available re | · | 6.5 bwpd | | TEST WITNESSE | |
| SI - 292# 34. DISPOSIT To be sold 35. LIST OF A This is a | ON OF GAS (S d. Waiting TTACHMENTS MV/DK C | CASING PRESSURE SI - 288# Sold, used for fuel, ven g for facilities commingle w | 24-HOUR RATE ted, etc.) to be set bef ell per DHC formation is comple | orde orde | n first r 253' | delive | er. | · | 6.5 bwpd | DATE | TEST WITNESSE | 12/7/2007 |
| SI - 292# 34. DISPOSIT To be sold 35. LIST OF A This is a 36. Thereby ce | ON OF GAS (S d. Waiting TTACHMENTS MV/DK C | CASING PRESSURE SI - 288# Sold, used for fuel, ven g for facilities commingle w regoing and attached if | 24-HOUR RATE ted, etc.) to be set bef ell per DHC formation is comple | ore ca | n first r 2531 rect as de | delive | er. from all available re | ecords | | | | |

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| Ojo Alamo 0619' 0715' | White, cr-gr ss. | Ojo Alamo | 0619' |
|--|---|------------------|-------|
| Kirtland 0715' 2079 | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirtland | 0715′ |
| Fruitland 2079' 2490 | | Fruitland | 2079′ |
| | med gry, tight, fine gr ss. | | |
| Pictured Cliffs 2490' 2672 | Bn-Gry, fine grn, tight ss. | Pic.Cliffs | 2490′ |
| Lewis 2672' 3198 | Shale w/siltstone stringers | Lewis | 2672′ |
| Huerfanito Bentonite 3198' 3585 | White, waxy chalky bentonite | Huerfanito Bent. | 3198′ |
| Chacra 3585' 4034 | Gry fn grn silty, glauconitic sd stone | Chacra | 3585′ |
| | w/drk gry shale | Mesa Verde | 4034' |
| Mesa Verde 4034' 4282 | Light gry, med-fine gr ss, carb sh | Menefee | 4282′ |
| | & coal | Point Lookout | 4824' |
| Menefee 4282' 4824 | Med-dark gry, fine gr ss, carb sh & coal | Mancos | 5182′ |
| Point Lookout 4824' 5182 | Med-light gry, very fine gr ss w/frequent | Gallup | 6146′ |
| 2 | sh breaks in lower part of formation | Greenhorn | 6879′ |
| Mancos 5182" - 6146 | Dark gry carb sh. | Graneros | 6936′ |
| Gallup , | Lt gry to brn calc carb micac glauc | Dakota | 6994′ |
| | silts & very fine gr gry ss w/irreg.interbed sh | | |
| La Ventana XXXX XXXX | Wt to lt buff to med grn sl carb bent | | |
| Greenhorn | ' Highly calc gry sh w/thin lmst. | | |
| Graneros . 6936' 6994 | Dk gry shale, fossil & carb w/pyrite incl. | | |
| Dakota 6994' | Lt to dk gry foss carb sl calc sl silty | | |
| | ss w/pyrite incl thin sh bands clay & shale break | cs | |
| \$ 5 | | | |
| a final control of the control of th | • | | |

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Salvers