(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other in*tructions on roverse side)

FOR APPROVED OMB NO. 1004-0137

OMB NO. 1004-013

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO.
NMNM-02758

| | | | | | | | | | | | 7410114111 022 | , | | |
|---|--------------|---------------------------|----------------------------|-----------|---------------------|-----------|---------------------------------------|-------------|--|---|--------------------|-------------------------|--|--|
| WELL CO | OMPL | ETION OR | RECOMF | PE | TION | REP | ORT AND |) LC |)G* | 6 IF | INDIAN, ALLOTT | EE OR TRIBE NAME | | |
| ta TYPE OF V | WELL | OIL. WELL | GAS WELL | त | DRY | Other | | | | | | | | |
| h TV05 05 (| COMPLET | | · | _ | _ | _ | | | - | 7 UI | NIT AGREEMENT | NAME | | |
| b TYPE OF (| NEW T | ION: WORK DEEP | - PLUG | ٦ . | DIFF [| 7 | | | | 0 6/ | DUODIENCE | NAME, WELL NO | | |
| | WELL | OVEH EN | BACK L | ز | RESVR | Other | | | | 0 6 | | | | |
| a NAME OF | ODEDATO | \n | | | | | | 1 SA | | 0. 45 | Murphy D | 100 | | |
| 2 NAME OF | RLINGTO | N RESOURCES | OIL & GAS C | OMP | ANV . | | | A R | | 9 AF | | 175-0062 | | |
| 3 ADDRESS | AND TEL | EPHONE NO. | OIL & GAO O | <u> </u> | - | | | <u> </u> | 20 | 10 F | IELD AND POOL | | | |
| PO | BOX 428 | 9, Farmington, N | M 87499 (| 505) | 326-97 | 00 | | 1 | 100 | | Basin FC/ | | | |
| 4 LOCATION | OF WEL | L (Report location ci | learly and in acc | ordand | e with any | State | equirements) • 1 | Y Y . | agemie | 11 S | | R BLOCK AND SURVEY | | |
| At surface | Ur | it I (NESE), 1690 |)' FSL & 1090' | FEL, | , | | FED | ۸ | Mand Office | (| OR AREA | | | |
| | | | 0 | | | | | Land | FIEID | | | 30N, R11W, NMPM | | |
| At top prod. interval reported below Same as above | | | | | | | | | | | RCVD FEB 15'08 | | | |
| 2 NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY 3 ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700 4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface Unit I (NESE), 1690' FSL & 1090' FEL, At top prod. interval reported below Same as above At total depth Same as above At total depth Same as above 14 PERMIT NO. DATE ISSUED. | | | | | | | | | | | OIL CONS. DIV. | | | |
| | | | | | | | | | | | | | | |
| | | | | 14. | PERMIT N | IO. | DATE ISSUE | ED. | Į. | | OUNTY OR PARISH | Dist^5 | | |
| | | | | | | | | | | | San Juan | New Mexico | | |
| 15 DATE SPUD | DED 16. | DATE T D REACHE | | | L (Ready | to prod.) | | 18 EL | EVATIONS (DF, RK | | BR, ETC)* | 19 ELEV CASINGHEAD | | |
| 4/3/07 20 TOTAL DEP | TU MD 2TV | 7/18/07 | BACK T.D., MD &T | /30/0 | 8 22 IF MUL | TIOLE C | OMBI | 22 IN | GL - 5983'; I | | 5994' Y TOOLS | CABLE TOOLS | | |
| 20 TOTAL DEP | IH, MID & IV | D ZI PLOG, | DACK IU, MU & I | VD | 22 IF MUL | HOW # | | | RILLED BY | HUIAH | IT TOOLS | CABLE TOOLS | | |
| 2580 | | | 2531' | | _ | 2 | | | | yes | | | | |
| 24 PRODUCTIO | ON INTERVA | L (S) OF THIS COMPL | ETION-TOP, BOTT | OM, N | AME (MD AI | ND TVD) | • | | | | 25 WAS DIRECT | | | |
| Basin F | C 2082' | - 2334' | , | | | | | | | | JOHN LI W | No | | |
| | TRIC AND O | THER LOGS RUN | | | | | | | | 27 WA | S WELL CORED | | | |
| GSL | | | <i></i> | | _ | | · · · · · · · · · · · · · · · · · · · | | | | | No | | |
| 28 | | | | | | | (Report all string: | | | | | | | |
| CASING SIZE/0 | GRADE | WEIGHT, LB /FT | DEPTH SET (| | HOLE: | SIZE | Surface, 34 s | | EMENTING RECOR | ND. | 2 bbls | MOUNT PULLED | | |
| 4-1/2", J- | 55 | 10.5# | 2565' | | 6-1/4" | | surface; 306 | | | | 42 bbls | | | |
| | | | | | | | | | | | | | | |
| 29. | TOP (15) | LINER RI | ECORD SACKS CEMENT* | | SCREEN (MD) SIZE | | 30 | | | | BING RECOR | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEME | NI | 2-3/8" 2346' | | DEPTH SET (M 2346' | (U) | | ACKER SET (MD) | | | | |
| | | <u> </u> | | | | | | | | | | | | |
| | |) (Interval, size and nui | mber) | | 32 | | | | T, FRACTURE, C | | | | | |
| Fruitland Coa 2082' - 2086', | | les @ 1 & 3 spf | | 1 | 2318' - 2 | 334 | | | | 764 gal 25# X-link pre-pad w/9744 53 linear foamed pad w/78,000# | | | | |
| 2082 - 2086 ; 2170 '-86', 22(| | • | | H | | | | | AZ sand | 33 1111 | ear Ioameu p | Jau W/10,000# | | |
| | | 320', 2330' - 2334 | \$ ' | į | 2066' - 2 | 236' | | | al 15% HCL; 2016 gal 25# X-link pad w/9744 gal 75Q | | | | | |
| Total 218 | holes | | | | N2 25# linear foame | | | | d pad & 120,000# 20/40 AZ sand | | | | | |
| 33 | | | | L | NOIE: t | | RODUCTION | als w | ere stimulated | toge | tner. | | | |
| DATE FIRST PROD | DUCTION | PRODUC | CTION METHOD (| - | | npingsi | ze and type of pump |) | | 1 | | Producing or shut-in) | | |
| SI | | HOURS TESTED | TOUGHT BIZE | | Flowing | | DI | GAS | MCE | | SI | ICAS ON BATIO | | |
| DATE OF TEST | | HOURS IESTED | CHOKE SIZE | | N FOR PERIOD | OILB | <u> </u> | GA3 | 1 | WAIE | RBBL | GAS-OIL RATIO | | |
| 1/29/08 | [| 1 | 2 | | | | | 5.5 n | nef | | 2 bwph | | | |
| FLOW TUBING PR | RESS | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL- | -BBL | | GASMCF | | WATERBBL | | | OIL GRAVITY-API (CORR) | | |
| NA | | SI 281# | | 0 | | | 132 mcfd | | 48 bwpd | | | | | |
| | OF GAS (S | old, used for fuel, vente | ed, etc) | | | | 132 111010 | | 40 bwpa | | TEST WITNESSE | ED BY | | |
| | | To be sold | • | | | | | | | ı | | | | |
| 35 LIST OF ATTA | | | | | | | | | | | | | | |
| | | eing DHC per ord | | | | | | | de a better bre | akdo | wn of produ | ction. | | |
| Jo Thereby certify | y mat me for | egoing and attached in | ionnation is comple | ie and | conect as d | etemine | e nom all avallable | HUUUTUS | | | | | | |
| SIGNED 17 | 1/1. | (///10 | // | | Regulato | ny Sny | ecialist | | 0 | ATE | | 2/11/08 | | |
| 7/1. | ·wil. | - CIMX | | | | | | | | | | | | |
| | - J | *(Se | e Instructio | ns a | nd Spac | es fo | r Additional | Data | on Reverse | Side) | | ACCEPTED FOR RECORD | | |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FEB 1 3 2008



| Well Name | | | Murphy D 100 | Į į | | |
|-----------------|-------|-------|---|-----|------------|-------|
| Ojo Alamo | 926' | 1065' | White, cr-gr ss. | 1 | Ojo Alamo | 926' |
| Kirtland | 1065' | 2028' | Gry sh interbedded w/tight, gry, fine-gr ss. | | Kirtland | 1065' |
| Fruitland | 2028' | 2370' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss | | Fruitland | 2028' |
| Pictured Cliffs | 2370' | | Bn-Gry, fine grn, tight ss. | | Pic.Cliffs | 2370' |

Form 3160-4 (October 1990)

SIGNED

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE (See other in-structions on reverse side)

FOR APPROVED

| OMB | NO. 1004 | -0137 |
|----------|----------|----------|
| Expires: | December | 31, 1991 |

| | | | | BUREA | AU OF LAN | ID MANAGEME | NT | | 1 3 5 | EASE DESIGNATION | ON AND SERIAL NO. |
|---------------------------------------|-------------|-----------------|-----------------------|--------------------|---------------|--|--------------------|-----------------------------------|------------|--------------------------|--------------------------------|
| | | | | | | | | | | NMNM-027 | 58 |
| | | LETIO | | | | TION RE | PORT AND | LOG* | 6 IF | INDIAN, ALLOTTE | E OR TRIBE NAME |
| 1a. TYPE O | F WELL: | | WELL | Ш | GAS WELL X | DRY Other | | | 7 1 | NIT AGREEMENT | NAME |
| b TYPE O | _ | | | _ | | - | | | | | |
| | WELL | WORK OVER | DEEP. | | PLUG BACK | DIFF RESVR Other | | | 8 F | ARM OR LEASE N | |
| 2 NAME O | E OPERA | TOP | | | | | | | a a | Murphy D | 100 |
| B | URLING1 | ON RESO | URCES | OIL & | GAS COM | PANY | | | " | = - | 75-00CN |
| 3 ADDRES | SS AND TI | ELEPHONE | NO. | | /= | | | | 10 | FIELD AND POOL, | OR WILDCAT |
| PC | ON OF WE | 289, Farmi | ngton, N | IM 874 | 99 (505 | 5) 326-9700 | | -0 | 11 | Basin FC/A | AZTEC FS R BLOCK AND SURVEY |
| At surface | :e I | Unit I (NES | E). 1690 | 'FSL | & 1090' FF | I . | Moddiemens) | 1 5000 | | OR AREA | C BEOOK AND SORVET |
| , would | | | ,, | _ | | PANY 5) 326-9700 nce with any State L, ove | FEB I | anageme | UE | Sec. 27, T3 | 0N, R11W, NMPM |
| At top pr | od. interva | l reported be | low | Sam | ne as abo | ove | م ا ا | and Man Office | | RC | VD FEB 15 '08 |
| At total d | lepth : | Same as | above | • | | | Bureau or | and Manageme | | 01 | L CONS. DIV. |
| | | | | | 14 | . PERMIT NO. | DATE ISSU | | | COUNTY OR | DIST. 3 |
| | | | | | | | | | | PARISH | New Mexico |
| 15. DATE SPU | JDDED 1 | 6. DATE T | . REACHE | <u> </u> | 17 DATE COI | MPL. (Ready to prod | .) | 18. ELEVATIONS (DR | , RKB, RT, | San Juan BR, ETC.)* | 19. ELEV. CASINGHEAD |
| 4/3/07 20 TOTAL DE | | 7/18/0 | | | 1/30 | | | GL - 5983 | | 5994' RY TOOLS | • |
| ZO TOTAL DE | EPIH, MD & | IVD I | 21 PLUG, | BACK I.L | D., MD &TVD | 22. IF MULTIPLE HOW | MANY* | 23. INTERVALS DRILLED BY | ROTAL | RY TOOLS | CABLE TOOLS |
| | 80' | VAL (S) OF TI | IIS COMPL | 2531' | | NAME (MD AND TV | 7)4 | <u> </u> | yes | 25 WAS DIREC | TIONAL |
| | | • , | | | • | NAME (MD AND IV | <i>J</i> , | | | SURVEY MA | |
| | | d Sands · | | 2328 | ' | | | | | <u> </u> | No |
| 26. TYPE ELE GSL | CTRIC AND | OTHER LOG | S RUN | | | | | | 27. WA | S WELL CORED | No |
| 28. | | | da | | | CASING RECORD | (Report all string | s set in well) | | | |
| CASING SIZ | | WEIGHT | LB/FT | | TH SET (MD) | HOLE SIZE | TOP OF CE | MENT, CEMENTING RE | CORD | | MOUNT PULLED |
| 7", J-55 4-1/2", . | | 20# | | 15 | | 8-3/4" 6-1/4" | Surface, 34 s | | | 2 bbls | |
| 4-1/2 , . | J-55 | 10.5# | | 25 | 03 | 0-1/4 | surface; 306 | SX (601 C1) | | 42 bbls | |
| 29. | | | LINER R | CORD | | | 30. | T | Τι | BING RECORD |) |
| SIZE | TOP (ME | D) BOTT | BOTTOM (MD) SACKS CEM | | KS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | | D) PACKER SET (MD) | |
| | | | | | | | 2-3/8" | 2346' | | | |
| 31 PERFORA | TION RECO | RD (Interval, s | ize and nun | nber) | | 32. | ACI | D, SHOT, FRACTUR | RE, CEME | NT SQUEEZE, E | ETC. |
| Fruitland Sa | | 34" holes (| @ 1 spf & | & 2 spi | ř | 2318' - 2334' | | 500 gal 15% HC | | | |
| 2066' - 70', 2 2286' - 2300 | | • | | | | | | gal 75 Quality N 20/40 AZ sand | 2 253 lin | ear foamed p | ad w/78,000# |
| 2200 - 2300 | , 2324 - | 2320 | | | | 2066' - 2236' | | 500 gal 15% HCL; | 2016 gal 2 | 25# X-link pad v | v/9744 gal 75Q |
| | Total 3 | 0 holes | | | | | | N2 25# linear for | | | |
| 20 | | | | | | | C and FS interv | als were stimula | ted toge | ther. | |
| 33. DATE FIRST PRO | ODUCTION | | PRODUC | СТІОЙ МІ | THOD (Flowin | ng, gas lift, pumping | | p) | | 1 | roducing or shut-in) |
| DATE OF TEST | | HOURS TES | TED | CHOKE | SIZE IPRO | Flowing OD'N FOR OIL | BBL | GASMCF | WATE | R-BBL | GAS-OIL RATIO |
| | | ١. | | | | T PERIOD | | 5 5 m of | | | |
| 1/29/08 FLOW TUBING I | | CASING PR | ESSURE | 2 CALCUL | ATED O | ILBBL | GAS-MCF | 5.5 mcf | BBL BBL | | OIL GRAVITY-API (CORR.) |
| AL A | | 61 204 | | 24-HOU | R RATE 0 | | 122 | | | | |
| NA 34 DISPOSITIO | ON OF GAS | (Sold, used to | | d, etc.) | 10 | | 132 mcfd | | | TEST WITNESSE | D BY |
| | | To be | sold | | | | | | | | |
| 35 LIST OF AT | | | | | 70 0 | | ulli ba akia 4 | | الدول عور | ء - باد - ا الم | iaa |
| | | | | | | d correct as determin | | provide a better to ecords | n eakdo\ | wii or product | ioii. |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 12 | 7). | 1 | 1 | | | | | | | |
| SIGNED | 1111 | - 1/h. | 12004 | | TITLE | Regulatory Sp | ecialist | | DATE | | 2/11/08 |

*(See Instructions and Spaces for Additional Data on Reverse Side)

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TITLE Regulatory Specialist

ACCEPTED FOR RECORD

DATE

| Well Name | pp demand | | Murphy D 100 | | | |
|-----------------|-----------|-------|---|---|------------|-------|
| Ojo Alamo | 926' | 1065' | White, cr-gr ss. | | Ojo Alamo | 926' |
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