Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions en reverse side) FOR APPROVED OMB NO. 1004-0137

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

5. LEASE DESIGNATION AND SERIAL NO.

| S. FRIDAN, ALIOTEE ON TRISE MAKE S. FRIDAN, ALIOTEE S. FRIDAN, ALI | CAT IND SURVEY V FATE Alexico V. CASINGHEAD | REEMENT NAME R LEASE NAME, WELL WEIL C #3B LL NO. 045-30325 AND POOL, OR WILDCA INCO Mesaverde T., R., M., OR BLOCK AN REA C.7, T-30-N, R-8-W TY OR 13. STA SH | 7. UNIT AGREEMENT I 8. FARM OR LEASE N. Howell C #31 9. API WELL NO. 30-045-3032 10. FIELD AND POOL, Blanco Mess 11. SEC., T., R., M., OI OR AREA | 7. UI 8. F/ | MAR | F. Other | Di Ri | GAS X | OIL DEEP- | TON: | WELL: | A TYPE OF |
|--|--|--|---|------------------------|--|---------------------|-------------|------------------|-------------------|--------------------|-------------------|---------------|
| Type of Completion: | ND SURVEY N TATE Aexico V. CASINGHEAD | R LEASE NAME, WELL WEII C #3B LL NO. 045-30325 AND POOL, OR WILDC/ nCO Mesaverde T., R., M., OR BLOCK AN REA C.7, T-30-N, R-8-W TY OR 13. STA SH | 8. FARM OR LEASE N. Howell C #31 9. API WELL NO. 30-045-3032 10. FIELD AND POOL, Blanco Mess 11. SEC., T., R., M., OI OR AREA | 7. UI 8. F/ 9. A | MAR | F. Other | Di Ri | GAS X | OIL DEEP- | TON: | WELL: | A TYPE OF |
| 2. NAME OF OPERATOR | ND SURVEY N TATE Aexico V. CASINGHEAD | R LEASE NAME, WELL WEII C #3B LL NO. 045-30325 AND POOL, OR WILDC/ nCO Mesaverde T., R., M., OR BLOCK AN REA C.7, T-30-N, R-8-W TY OR 13. STA SH | 8. FARM OR LEASE N. Howell C #31 9. API WELL NO. 30-045-3032 10. FIELD AND POOL, Blanco Mess 11. SEC., T., R., M., OI OR AREA | 9. A | JAAP 200 | <i>'</i> | | PLUG [| | work | _ | |
| NAME OF OPERATOR Dept. D | ND SURVEY N TATE Aexico V. CASINGHEAD | well C #3B LL NO. 045-30325 AND POOL, OR WILDCA nco Mesaverde T., R., M., OR BLOCK AN REA C.7, T-30-N, R-8-W | Howell C #31 9. API WELL NO. 30-045-3032 10. FIELD AND POOL, Blanco Mess 11. SEC., T., R., M., Of OR AREA | 9. A | quirements) 2002 | <i>'</i> | | PLUG BACK | | work | _ | |
| Howel C #38 | N FATE Mexico TO CASINGHEAD | LL NO. 045-30325 AND POOL, OR WILDCA nco Mesaverde T., R., M., OR BLOCK AN REA C.7, T-30-N, R-8-W TY OR 13. STA SH | 9. API WELL NO. 30-045-3032 10. FIELD AND POOL, Blanco Mess 11. SEC., T., R., M., OI OR AREA | 10. | quirements 7 200 | <i>'</i> | | BACK | | | |). TYPE OF (|
| NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY 30-045-30325 10. FIELD AND PECSA MAD TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700 10. FIELD AND POOL, OR WILLDOAT Blanco Messaverde 15.60°FNL, 1105°FEL 15.60°FNL, 1105°FEL 15.60°FNL, 1105°FEL 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH San Juan New Mexico 1.00°FNL | N FATE Mexico TO CASINGHEAD | LL NO. 045-30325 AND POOL, OR WILDCA nco Mesaverde T., R., M., OR BLOCK AN REA C.7, T-30-N, R-8-W TY OR 13. STA SH | 9. API WELL NO. 30-045-3032 10. FIELD AND POOL, Blanco Mess 11. SEC., T., R., M., OI OR AREA | 10. | quirements) 200 | 1 | MPAN | | | 1 OAEK L | | |
| BURLINGTON RESOURCES OIL & GAS COMPANY ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700 LICATION OF WELL (Report location clearly and in accordance with any State requirements) 2002 At surface 1560'FNL, 1105'FEL At top prod. Interval reported below At total depth At total depth At total depth 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PANSH San Juan New Mexico 5. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 16. DATE SPUDDED 17. DATE COMPL. (Ready to prod.) 17. FORTAL DEPTH, MD 8TYD 22. FMULTIPLE COMPL. HOW MANY 5677 5675 4. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 27. WAS WELL CORED. 8. CASING RECORD (Report all strings set in well) 9. CASING SIZEGRADE WEIGHT, LB.FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD No. 8. CASING RECORD (Report all strings set in well) 9. LINER RECORD 9. SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 10. FELLONARDOM SIZEGRADE WEIGHT, LB.FT. DEPTH SET (MD) SACKS CEMENT* SCREEN (MD) 11. SEC. T. R. M., OR BLOCK AND SIX OR AREA 11. SEC. T. R. M. OR BLOCK AND SIX OR AREA 12. SOLOTION SIX OR AREA | N FATE Mexico TO CASINGHEAD | AND POOL, OR WILDCA INCO Mesaverde T., R., M., OR BLOCK AN REA C.7, T-30-N, R-8-W ITY OR 13. STA SH | 10. FIELD AND POOL, Blanco Mess 11. SEC., T., R., M., Of OR AREA | | Guirements) 2002 | 1 | MPAN | | | O.R | E ODERATO | NAME OF |
| ADDRESS AND TELEPHONE NO. PO BOX 4288, Farmington, NM 87499 (505) 326-9700 Blanco Mesaverde LOCATION OF WELL (Report bacition clearly and in accordance with any State requirements) 2002 At surface 1560'FNL, 1105'FEL At top prod. interval reported below At total depth 14. PERMIT NO. DATE ISSUED 15. COUNTY OR PARISH San Juan New Mexico 16/2002 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (OF, RKB, RT, BR, ETC). 19. ELEV.CA. 16/2002 17. DATE COMPL. (Ready to prod.) 19. ELEVATIONS (OF, RKB, RT, BR, ETC). 19. ELEV.CA. 27. FRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD). 28. WAS DIRECTIONAL SURVEY MADE 3672-5615' Mesaveride CASING SIZEGRADE WEIGHT, LB,FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (ME) 9. LINER RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (ME) 4 172 3327 5672-4496' W40 0.288' diameter holes 4634-5147' W125 0.30" diameter holes 5372-4496' 660 bils 20# Inrel, 200,000# 20/40 Brady sand, 5570-5615' W25 0.30" diameter holes 5372-4496' 660 bils 20# Inrel, 200,000# 20/40 Brady sand, 5570-5615' W25 0.30" diameter holes 5370-5615' W25 0.30" diameter hol | N FATE Mexico TO CASINGHEAD | nco Mesaverde T., R., M., OR BLOCK AN REA C.7, T-30-N, R-8-W | Blanco Mesa 11. SEC., T., R., M., Of OR AREA | | Guirements) 2002 | 1 | | GAS COM | URCES OIL | | | |
| 11. SEC., T., R. M., OR SLOCK AND | N FATE Mexico V. CASINGHEAD | T., R., M., OR BLOCK AN REA C.7, T-30-N, R-8-W TY OR 13. STA SH | 11. SEC., T., R., M., OF OR AREA | 72 11. | quirements) 2002 | | | | | | | |
| At surface 1560'FNL, 1105'FEL At top prod. Interval reported below At total depth 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13. STATE PARISH New Mexico New Mexi | N FATE Mexico V. CASINGHEAD | C.7, T-30-N, R-8-W | OR AREA | | quirements j · · · · · · · · · · · · · · · · · · | 26-9700 | 05) 3 | 199 (50 | ngton, NM 87 | 39, Farmir | BOX 4289 | PO |
| At total depth At total depth | FATE Mexico EV. CASINGHEAD | c.7, T-30-N, R-8-W | | | | nin any State ret | gance | and in accord | | | | LOCATION |
| At total depth 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13. STATE PARISH San Juan New Mexico | FATE Mexico EV. CASINGHEAD | TY OR 13. STA | Sec.7, T-30- | · · | | | | | 1105'FEL | 560'FNL, | xe 156 | At surface |
| 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH San Juan 13. STATE | Mexico EV. CASINGHEAD | SH | | | | | | | niow | reported by | nd interval re | At ton proc |
| 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13. STATE PARISH San Juan New Mexico 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19. ELEV. CA. 16/2002 1/11/2002 2/28/2002 2/28/2002 2/28/2002 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19. ELEV. CA. 16/2002 1/11/2002 2/28/2002 2/28/2002 2/28/2002 2/28/2002 2/28/2002 2/28/2002 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19. ELEV. CA. 16/2002 1/11/2002 2/28/2002 2/28/2002 2/28/2002 22. IF MULTIPLE COMPL. 23. INTERVALS ROTARY TOOLS CABLE TOOLS DRILLED BY 0.5677* 0.5672* 0.5672 | Mexico EV. CASINGHEAD | SH | | 1 | | | | | | ,opo | OG. 11101 VI | At the biot |
| PARISH San Juan New Mexic | Mexico EV. CASINGHEAD | SH | | | | | | | | | iepth | At total de |
| S. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19. ELEV. CAL (16/2002 1/11/2002 2/28/2002 6282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 2/28/2002 6282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 2/28/2002 2/28/2002 6282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 2/28/2002 6282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 2/28/2002 6282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 2/28/2002 6282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 2/28/2002 6282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 6/282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 6/282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 6/282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/11/2002 6/282' GL, 6294' KB 19. ELEV. CAL (5/204' KB 1/282' KB | V. CASINGHEAD | | 12. COUNTY OR | 12. | DATE ISSUED | RMIT NO. | 14. P | F | | | | |
| 16. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 19. ELEV. CA. 1/6/2002 1/111/2002 2/28/2002 6282' GL, 6294' KB 17. DATE COMPL 6282' GL, 6294' KB 17. DA | V. CASINGHEAD | | | | | - | | | | | | |
| 1/6/2002 | | IT OCCIT | | ELEVATIONS (DE RKB RT | | (Ready to prod.) | COMPL | 117 DATE C | D. DEAGUED | | | |
| 1. TOTAL DEPTH, MD &TVD 21. PLUG, BACK T.D., MD &TVD 22. IF MULTIPLE COMPL, HOW MANY* 23. INTERVALS DRILLED BY 0-5677' 0-567 | TOOLS | , | • | • | 10. 5 | | | l l | | | - I | |
| S677' S675' HOW MANY' DRILLED BY | | OLS CABLE TO | | INTERVALS ROTA | | . IF MULTIPLE CO | | | | | | |
| A PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE No | | 1 | l | | ANY" I | HOW M | l | | | - | , . | . 10171252 |
| 3672-5615' Mesaverde 8. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR/CCL 8. CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB/FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLE 9 5/8 32.3# 327' 12 1/4 330 cu. Ft. 7 20-23# 3442' 8 3/4 1108 cu. Ft. 9. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 4 1/2 3327' 5677' 339 cu. Ft. PERFORATION RECORD (Interval, size and number) 3672-4496' w/40 0.28" diameter holes 4634-5147' w/25 0.30" diameter holes 5270-5615' w/25 0.30" diameter holes 5270-5615' w/25 0.30" diameter holes 5270-5615' w/25 0.30" diameter holes 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand, | | WAS DIDECTIONAL | | [0-56 | | | | | | | | 5677' |
| 3. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR/CCL 8. CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB/FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLE 9 5/8 32.3# 327' 12 1/4 330 cu. Ft. 7 20-23# 3442' 8 3/4 1108 cu. Ft. 9. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) PERFORATION RECORD (Interval, size and number) 3672-4496' W/40 0.28" diameter holes 4634-5147' W/25 0.30" diameter holes 5270-5615' W/25 0.30" diameter holes 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand, | | | | | | E (MD AND TVD)* | OM, NAI | N-TOP, BOTTO | HIS COMPLETIC | /AL (S) OF T | TION INTERVA | . PRODUCTI |
| CBL/GR/CCL No | | | | | | | | | | everde | 615' Mesay | 3672-56 |
| CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB/FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLE 9 5/8 32.3# 327' 12 1/4 330 cu. Ft. 7 20-23# 3442' 8 3/4 1108 cu. Ft. 9. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 4 1/2 3327' 5677' 339 cu. Ft. 2 3/8 5590' SN @ 5588' PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 3672-4496' W/40 0.28" diameter holes 3672-4496' 660 bbls 20# Inr gel, 200,000# 20/40 Brady sand, 5270-5615' W/25 0.30" diameter holes 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand, | | ELL CORED | 27. WAS WELL CORED | 27. W | | | | | GS RUN | | | |
| CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB/FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLE 9 5/8 32.3# 327' 12 1/4 330 cu. Ft. 7 20-23# 3442' 8 3/4 1108 cu. Ft. 9. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 4 1/2 3327' 5677' 339 cu. Ft. 2 3/8 5590' SN @ 5588' PERFORATION RECORD (Interval, size and number) 3672-4496' w/40 0.28" diameter holes 4634-5147' w/25 0.30" diameter holes 5270-5615' w/25 0.30" diameter holes 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand, 5270-5615' w/25 0.30" diameter holes | | No | | | | | | | | | R/CCL | CBL/GR |
| CASING SIZE/GRADE WEIGHT, LB.JFT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLE | | | | et in well) | Report all strings set | ING RECORD (| ÇA | | | | | 3 |
| 7 20-23# 3442' 8 3/4 1108 cu. Ft. 9. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 4 1/2 3327' 5677' 339 cu. Ft. 2 3/8 5590' SN @ 5588' PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 3672-4496' W/40 0.28" diameter holes 4634-5147' W/25 0.30" diameter holes 3672-4496' 660 bbls 20# Inr gel, 200,000# 20/40 Brady sand, 5270-5615' W/25 0.30" diameter holes 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand, | VILLED | AMOUNT PL | ORD | | | HOLE SIZE | MD) | EPTH SET (M | IT, LB./FT. | WEIGH | ZE/GRADE | |
| 9. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 4 1/2 3327' 5677' 339 cu. Ft. 2 3/8 5590' SN @ 5588' PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 3672-4496' W/40 0.28" diameter holes 3672-4496' M/40 0.28" diameter holes 3672-4496' 660 bbls 20# Inr gel, 200,000# 20/40 Brady sand, 5270-5615' W/25 0.30" diameter holes 62,427 SCF N2. 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand | | | | | | | | | | 32.3 | | 9 5/8 |
| SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 4 1/2 3327' 5677' 339 cu. Ft. 2 3/8 5590' SN @ 5588' PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 3672-4496' w/40 0.28" diameter holes DEPTH INTERVAL (MD) *AMOUNT AND KIND OF MATERIAL USED 4634-5147' w/25 0.30" diameter holes 3672-4496' 660 bbls 20# Inr gel, 200,000# 20/40 Brady sand, 5270-5615' w/25 0.30" diameter holes 62,427 SCF N2. 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand | | | | 108 cu. Ft. | 110 | 8 3/4 | | 3442' | # | 20-23 | | 7 |
| SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 4 1/2 3327' 5677' 339 cu. Ft. 2 3/8 5590' SN @ 5588' PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 3672-4496' w/40 0.28" diameter holes ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 3672-4496' w/40 0.28" diameter holes 3672-4496' 660 bbls 20# Inr gel, 200,000# 20/40 Brady sand, 5270-5615' w/25 0.30" diameter holes 62,427 SCF N2. 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand | | | - | | | | | | | | | |
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| ## 1/2 3327' 5677' 339 cu. Ft. 2 3/8 5590' SN @ 5588' ### PERFORATION RECORD (Interval, size and number) 3672-4496' w/40 0.28" diameter holes 4634-5147' w/25 0.30" diameter holes 5270-5615' w/25 0.30" diameter holes 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand, | ET (MD) | | · · · · · · · · · · · · · · · · · · · | DEPTH SET (MD) | SIZE | SCREEN (MD) | NT° | | |) BO | TOP (MD) | |
| 3672-4496' w/40 0.28" diameter holes 4634-5147' w/25 0.30" diameter holes 5270-5615' w/25 0.30" diameter holes | | V @ 5588' | SN @ 5588 | 5590' | 2 3/8 | | | 339 cu. Ft. | | | | |
| 3672-4496' w/40 0.28" diameter holes 4634-5147' w/25 0.30" diameter holes 5270-5615' w/25 0.30" diameter holes | | | | | | | | | | | | |
| 4634-5147' w/25 0.30" diameter holes 3672-4496' 660 bbls 20# Inr gel, 200,000# 20/40 Brady sand, 5270-5615' w/25 0.30" diameter holes 62,427 SCF N2. 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand | | | | | | | |) | | | | |
| 5270-5615' w/25 0.30" diameter holes 62,427 SCF N2. 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand | | | | | | | ļ | | | | | |
| 4634-5147' 1836 bbls slick water, 100,000# 20/40 Brady sand | nto, | # 20/40 Diady Sai | | | 4496 | 3672- | 1 | | | | | |
| | and | 00# 20/40 Brady st | | | 5147' 183 | 4634 | | | meter noies | 0.30" dia | 5615' W/25 (| 5270-56 |
| delia dalla la | | | | | | | - 1 | | | | | |
| | <u></u> | | | | 10.10 | - 02.70 | | | | | | |
| 33. PRODUCTION | | | | | | | | | | | | 33. |
| ATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or state) | ig or snut-in) | • | 1 | _ | size and type of pump) | | Flowing | ON METHOD (F | PRODUCT | 1 | PRODUCTION | ATE FIRST PR |
| Flowing SI ATE OF TEST HOURS TESTED ICHOKE SIZE I PROD'N FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RA | DIL RATIO | | | GAS_MCE W | - C4 | | Inpot | IOVE ČIZE | 10750 | Ti ou no | | |
| ATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RA | <i></i> | - Jan-3 | I | 1 I | . I | | | IOKE SIZE | TESTED C | HOURS | ST | ATE OF TEST |
| 2/28/02 | | 1 | 1 . | 1 | | ── | | | ì | | 19 | วเวอเกว |
| 2/28/02 LOW, TUBING PRESS. CASING PRESSURE CALCULATED OIL-BBL GAS-MCF WATER-BBL OIL-GRAVIT | RAVITY-API (COR | OIL GR | 38L | WATER-BBL | GAS-MCF | -BBL | OII | LCULATED | PRESSURE C | CASING | | |
| 24-HOUR RATE | - | | | } | | | 1 | HOUR RATE | | | | |
| SI 295 2595 Pitot gauge 3 | | ; | | ge | 2595 Pitot gauge | | | | | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY | | EST WITNESSED BY | TEST WITNE | | | | | etc.) | | | STHON OF GAS | 34. DISPOSIT |
| To be sold | · ' | | AFFEDTE | | | | | | e sold | | | |
| | | TEDIEN END | MUDEPIE | | | | | | _ | | ATTACHMEN | 35. LIST OF A |
| None 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | CCEPTED FOR | | ecords | ned from all available reco | correct as determin | lete and | nation is comple | end attached into | NON e foregoine | estituthat ha | 36 I horsty |
| MAR 0 6 200 | | CCEPTED FOR | II. | | | | | | and allowed into | e inieâniiă i | Lest mily mark me | 30, I Hereby |
| / /I / #. 4 | R RECORD | | MΔM | | | | | 1 | / / . | | /1 | / |
| DATE 3/4/2002 | R RECORD | MAR 0 6 | | | manujear | Pagulatan C. | - | <i>//</i> | | 11/11/11/11 | 1101 | l l |
| IGNED DATE 14/2092 TITLE Regulatory Supervisor DATE 3/4/2092 | R RECORD 2002 | MAR 0 6 | DATE 3/4/2092 | | pervisor | Regulatory Su | TLE | <u>l</u> m | (2 | 994 | _Dl4 | IGNED 🔽 |

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

| | FORMATION TOP BOTTOM | recoveries): | 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. | |
|-------------------------|-----------------------------|--------------|--|--|
| - 45, | DESCRIPTION CONTRACTS, STC. | | ity and contents thereof; cored intervals; and all ne tool open, flowing and shut-in pressures, and | |
| | Z > E E | | | |
| MEAS, DEPTH VERT, DEPTH | TRUE | TOP | GEOLOGIC MARKERS | |

| Point Lookout 52 | Menefee · 49 | Cliff House 45 | Chacra 41 | Huerfanito Bentonite* 3775' | Lewis 31 | | | District Cliffs 30 | | Fruitland 24 | | | Ojo Alamo 17 |
|--|--|---|--|------------------------------|-----------------------------|--------|-----------------|-----------------------------|-----------------------------|---|----------|--|------------------|
| 60 - | 4935' | 4595' | 4114' | | 108 | | | 3070' | | 2470' | | 1980 | 1785' |
| 5260' 5677' | 5260' | 4935' | 45951 | 4114' | 3180' 3775' | | | 3180' | | 3070' | | 2470' | 1980' |
| Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation | Med-dark gry, fine gr ss, carb sh & coal | w/drk gry snale ss. Gry, fine-grn, dense sil ss. | Gry fn grn silty, glauconitic sd stone | White, waxy chalky bentonite | Shale w/siltstone stringers | | | Bn-Grv, fine arn, tiaht ss. | med gry, tight, line gr 88. | Dk gry-gry carb sh, coal, grn silts, light- | | Gry sh interbedded w/tight, gry, fine-gr ss. | White, cr-gr ss. |
| | | | Point Lookout | Menefee | Cliffhouse | Chacra | Huerfanito Bent | Lewis | Pictured Cliffs | Fruitland | Kirtland | | Ojo Alamo |
| | | | 5260' | 4935' | 45951 | 4114' | 3775' | 3180' | 3070' | 2470' | 1980' | | 1785' |

^{*} Huerfanito Bentonite is the legal top of Mesaverde in New Mexico (north of Chacra line).

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