UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: October 31, 2014

| | | | | | | | | | | | - 1 | | | • | |
|--|----------------------------|-----------------|---------------------|-----------------------|--|------------------|--------------------|--|---------------------------|--------------|---------------------------------------|----------------------------|--------------------------|---|---------|
| | W | ELL CO | MPLETI | ON OR R | ECOMPLE | TION R | REPORT A | AND L | OG | | 5. Le | ase Seria | l No. | , | |
| | | | | | | | ···· | ********** | | | NN | INM - 1 | 04609 | *************************************** | |
| la Type of V b. Type of C | Well Completion: | ☐Oil \ | Well Z | Gas Well Work Over | Dry Deepen | Other Plug Ba | ck 🔲 Diff | Resvr., | | | 6. If I | ndian, A | llottee or T | ribe Name | · |
| | | Onhe | | | | ********** | | | | | 1 | REPT | ort to | (Name and No. Lease) | |
| 2. Name of (| Operator C | OLEMAI | VOIL & GA | AS, INC. | | | | | | | 8. Le | ase Nam niper W | c and Well /est 24 #4 | No. // | |
| 3. Address | P.O. DRAWE | R 3337, FA | RMINGTON N | M 87401 | | | | No. (inclu 27-0356 | ide area cod | e) . | 9. AF | Well N | | _ | |
| 4. Location | , | • | • | | ance with Feder | • | ments)* | | | | 10. F | ield and | Pool of Exp | ploratory | |
| Atsurface | P Sectio | n 24, T24 | IN, R11W | 1100' FSL | 700' FEL NM | PM, | | | | | | | RUITLAN | | |
| 711 307146 | LAIIIO | | 4083 LUN | GITUDE 10 | 77.946139 | | | | | | S | urvey or | Area P. S | ec 24, T24N, R11W | |
| At top pro | d. interval r | cported be | low | | | | | v | Devise | .] | 12. C | ounty or | Parish | 13. State | ******* |
| At total de | epth | | | | | | | 术 | JUNISC | 9 | | SAN JU | IAN | | |
| 14. Date Sp 06/20/201 | | | 15. Date 06/26/2 | T.D. Reached | 1 | 11 | 6. Date Comp | | 0/23/2013 eady to Prod | | | levations 502' Gl | | B, RT, GL)* | |
| 18. Total De | pth: MD TVI | | | 19. Plu | g Back T.D.; | MD 11' TVD | 11' | Ì | 20. Depth B | ridge I | | MD VD | | | |
| | | | - | (Submit cop | | | J | | 22. Was we | | | | es (Submit | | |
| | | | | | Y SCHLUME | BERGER | | | Was DS Directio | | | | es (Submit es (Submit | | |
| | | | 1 | gs set in wel | | Stat | ge Cementer | I No 4 | of Sks. & | Sh | urry Vol. | • | | | |
| Hole Size | Size/Gra | | <u> </u> | Top (MD) | Bottom (MI |)) (| Depth | | of Cement | 1 | (BBL) | Cemei | nt Top* | Amount Pulled | |
| 12 1/4" | 8 5/8" J- | | | | | CLASS G | | | SURFACE | | | | | | |
| 7 7/8" | 5 1/2" J- | 55 | | | 3.73 | SURFACE | | | | | | | | | |
| | ļ | | | ~~~ | | | | 90 50 | 750 POZ | 1 | 3.60 | SUF | | VD MOV 8 '1: | |
| | | | | | | | | - | | - | | | - M | Cons. bit | I |
| . , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | | | 1 | | | | | - | DIST. 3 | |
| 24. Tubing | | - 0.05 I | Dualing Do | -d-0425 | Size | 1 5 | 1 Co. (1 (1)) | Daul 7 | South Outs | | Dina I | Death | C., (20) | D. (. D t. O. | |
| Size 2 7/8" | 985 | et (MD) | Packer De | pin (ML) | Size | Бері | th Set (MD) | Packer | Depth (MD) | | Size | Depin | Set (MD) | Packer Depth (M | 171 |
| 25. Produci | ng Intervals | | | | | 26. | Perforation | | | | | | | 1 | |
| A) FRUITL | Formation | | | Top 54' | Bottom 970' | 054' | Perforated In | iterval | | Size | | No. Holes Perf. Status 64 | | | |
| B) | AND COA | <u> </u> | | 34 | 910 | 954 | - 970' | | 4 | <u> </u> | 04 | | | | |
| <u>c)</u> | | | | | | | | | | ********** | | | | | |
| D) | | | | | ***** | | | | | | | <u>-</u> | | | |
| 27. Acid, Fr | | | ment Squeez | e, etc. | | | | | 100 | | | | | | |
| 954' - 970' | Depth Interv | /ai | 1000 | GALLONS | 7 1/2% FE A | CID | | Amount a | ind Type of I | Materia | 11 | | | | |
| 954' - 970' | | | | | PAD, 2500# | | 5,000# 20/4 | 0 BRAD | Y with 25, | 932 g | allons XL G | EL | | | |
| | | | | | | | | | | | | | | | |
| 52 B | | , , | | | | | | | | | | | | | |
| 28. Producti Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gra Corr. A | | Gas | | roduction Me | | | | |
| | 10/29/13 | | Toddellon | 0 | 4 | 134 | Con. A. | r.ı | Gravity | | ROD PUMP | , | | | |
| Choke | Tbg. Press. | | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | ······································ | Well Stat | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | /E81711 | 10.040 | | |
| 1/8" | SI | 7 psig | | 0 | 4 | 134 | | | FRODE | OIIV | € WATER, \ | CNTIN | OAD | | |
| 28a. Produc | · | | J | | | | | | | | | | | | |
| Date First Produced | | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBi | Oil Gra Corr. A | | Gas Gravity | P | roduction Me | thod. | | | |
| | | | -> | | | | | | | | · ;. | | | | |
| | Tbg, Press. Flwg. St | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | • | Well-Stat | us | • | r eve | نودراندارداده | TAT TEATS! | 1) |

*(See instructions and spaces for additional data on page 2)



MON DO COLO

| | | | | | — * ^ | · | ···· | | | |
|---------------|--------------------------------|----------------|--------------------|--------------|---------------------|----------------------------|---------------------------------------|--------------------|--------------------------------------|---------------------------------------|
| | iction - Inter Test Date | | Test | Oil | — _G . :— | Water | , Oil Gravity | Gas | Production Method | |
| Produced | | | Production | BBL | MCF | BBL | Corr. API | Gravity | | |
| Choke | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | | |
| 28c Prod | oction - Inter | rual D | | | | | | | | |
| | Test Date | | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | | |
| | sition of Gas /AITING ON F | | ed for fuel, ve | ented, etc.) | <u> </u> | | <u></u> | | AND THE STREET | |
| 30 Sumr | ary of Poro | us Zones (| Include Aqu | ifers): | | | <u> </u> | 31 Format | ion (Log) Markers | |
| Show a | all important ing depth int | zones of p | orosity and o | ontents th | | intervals and al | ll drill-stem tests, pressures and | Jr. Tomac | on (Eug) Markets | |
| Fon | nation | Тор | Bottom | | Des | criptions, Cont | ents, etc. | | Name | Top Meas. Depth |
| OJO ALAM | 0 | SURFACE | 150' | | | | | | | |
| KIRTLAND | | 150' | 696 | | | | | | , | |
| FRUITLANI | ס | 696' | 976' | | , | | | | | : |
| PICTURED | CLIFFS | 976' | TD. | | | | : | | | |
| • | | | | | | | | | | |
| | | | | | | ••••• | | | | |
| | | | | | | | | | | |
| 32. Addir | ional remark | ks (include | plugging pro | ocedure): | | | · | | | |
| | | | | | | OR TO PERF OBER 22, 201 | | SSURE TEST | HELD. WELL WAS PUT ON F | PRODUCTION WITH |
| | | | | • | , | | | | | |
| | | | | , | | | | | | |
| | | | | | | | • | | | |
| 53. Indic | ate which ite | ms have be | een attached | by placing | a check in th | e appropriate b | oxes: | | | |
| , | | - | (1 full set rec | • | | Geologic Repo | | - | ☑ Directional Survey | |
| | by certify th | at the foreg | going and att | ached info | ormation is co | mplete and corr | rect as determined fr | rom all available | records (see attached instructions)* | |
| 34 I here | , o, oo, | | | | | ~ | | | | |
| N | | print) M | CHAEL T. | -//2 | nam |) | Title OPERA Date 10/30/20 | TION ENGINE 013 | ER . | · · · · · · · · · · · · · · · · · · · |

(Continued on page 3)

(Form 3160-4, page 2)

Form 3160-4° (March 2012)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

RECEIVED

FORM APPROVED OMB NO. 1004-0137

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Expires: October 31, 2014

| | | | | | | | | | E | ****183(3 | ion Fi | aid M | MQ, | VM - 10460 | 9 . | | |
|----------------------------|---------------|-----------------------------|-------------------|----------------------|----------------|-----------------|--------------------|----------------------|------------|---------------------|-----------------------|----------------------------|--------------|--|------------------|---------------------------------------|----------|
| la. Type of V | | □ Oil ☑ Nev | | Gas Worl | Well k Over | Dry Deepen | Other Plug Back | Diff | lirea | u of l | and N | Manag | 637.If.li | ndian, Allottee | or Tri | be Name | <u>-</u> |
| | | Othe | er: | | | | | | | | | | | | | Name and No. | |
| 2. Name of | Operator C | OLEMA | N OIL 8 | & GAS, I | NC. | | | | | | | | 8. Lea | Report se Name and ' iper West 2 | Well N | O. 1 | |
| 3. Address | P.O. DRAWE | Ŗ 3337, F <i>A</i> | RMINGT | ON NM 87 | 401 | | 3 | a. Phone N | No. (incl | ude area | a code) | | 9. API | Well No. | | | |
| 4 Location | of Well (Re | port local | ion clea | rly and in | accordo | ance with Feder | al requireme | (505) 3 | 27-035 | | | | | -045-33595 eld and Pool o | | | |
| | | | | | | 700' FEL NM | | , | | | | | B | ASIN FRUIT | LAND | COAL | |
| At surface | LATITUI | DE 36.29 | 94583 L | ONGITU | JDE 10 | 7.948139 | | | | | | | 11. Se Su | c., T., R., M., rvey or Area | on Blo P, Sec | ck and 24, T24N, R11W | |
| At top pro | d. interval r | eported be | elow | | | | | | | | | · | 12. Co | ounty or Parish | 1 | 13. State | |
| At total de | | | | | | | | - | | | | | | AN JUAN | | NN | <u></u> |
| 14. Date Spi 06/20/201 | 1 | | 06/: | Date T.D. 26/2011 | | | | Date Comp D & A | √ R | leady to | Prod. | | 65 | evations (DF, 502' GL | RKB, | RT, GL)* | |
| 18. Total De | | 1 205' 2 1169 | | ' | 19. Plu | g Back T.D.: | MD 1157' | | | 20. De _l | pth Brid | ge Plug S | | ID VD | | | |
| 21. Type El | | | | s Run (Su | bmit cop | y of each) | | | | I | as well c | | Z No | Yes (St | | • | |
| RST, | CBL, VDL | W/SP, C | CAL, GI | R, CL. S | ENT B | Y SCHLUMB | ERGER | | | | as DST r rectional | | | Yes (St | | | |
| 23. Casing | and Liner R | ecord (Re | port all | strings se | t in well |) | Ctore (| ~ | NI- | of Sks. | . 1 | Sturry V | | | | | |
| Hole Size | Size/Gra | ide Wi | . (#/ft.) | Тор | (MD) | Bottom (MI | | Cementer epth | | of Sks. | | (BBL) | | Cement Top* | | Amount Pulled | ! * |
| 12 1/4" | 8 5/8" J- | | 24 | 0 | | 136' | 131. | | 150 (| CLASS | ASS G 31.53 | | | SURFACE | | | |
| 7 7/8" | 5 1/2" J- | 55 | 15.50 | 0 | | 1160' | 1152 | .60 | | G Lite | | 33.73 | | | | | |
| | | | | | | | | | 90 50 | 0/50 PC | 3Z | 13.60 | | SURFACI | | 10V6'13 | |
| | | | | | | | | | | | | | | | | NS DIV | |
| | | | | | | | _ | | | | | · · · · · | | OIL | | 113. <i>DIV</i> | |
| 24. Tubing | | 2.50 | | | | · | | , | | | | | | | | | |
| Size 2 7/8" | Depth 985 | Set (MD) | Pack | er Depth (I | MD) | Size | Depth S | Set (MD) | Packer | Depth (N | MD) | Size | | Depth Set (N | 1D) | Packer Depth (N | MD) |
| 25. Produci | | | | | | | 26. P | erforation I | Record | | | | · | | | · · · · · · · · · · · · · · · · · · · | |
| A) FRUITL | Formation | | | Top 954' | | Bottom | | rforated In | terval | | | Size No Holes Perf. Status | | | | | |
| B) | AND COA | <u> </u> | | 954 | | 970' | 954' - 9 | 170 | | | .42 | | 64 | | | <u> </u> | |
| C) . | | | - | | | <u> </u> | + | | | | | | | | | | |
| D) | | | - | | | | | | | | | | | | | | |
| 27. Acid, Fi | | · | ment Sc | ueeze, etc | : | | | | | <u> </u> | | | | | | | |
| | Depth Inter | val | 10 | 200 CAL | ONC | 7 1/2% FE A | 210 | | Amount : | and Typ | e of Mat | terial | | | | | |
| 954' - 970' 954' - 970' | | | | | | PAD, 2500# | | 00# 20/4 | 0 BRAI | OY with | 25 93 | 2 gallons | s XI GI | =1 | | | |
| | | | - `` | ,,00. 0. | | , 2000;; | 10/1 0 1 00 10 | 20, 1 | 0 0 | | 1 20,00 | <u> ganorii</u> | | | | | |
| | | | | | | | | • | | | | | | | | | |
| 28. Product Date First | | l A Hours | Test | Oil | | Gas | Water | Oil Grav | rita : | Coc | | Dradua | tion Me | had | | | |
| Produced | | Tested | Produ | | | MCF | BBL | Corr. Al | | Gas Gra | vity | | PUMP | .nou | | | |
| 10/23/13 | | | | 0 | | 4 | 134 | | | | | | · | | | | |
| Choke Size | | Csg. Press. | 24 Hr. Rate | Oi BE | | Gas MCF | Water BBL | Gas/Oil Ratio | | | Il Status RODUC | ING WA | TER, V | ENTING GA | AS | | |
| 1/8" | SI 30 psig | 7 psig | - |) 0 | | 4 | 134 | | | | | | | | | | |
| 28a. Produc | | | hr. | | | Ic. | haz | 0.1.0 | | 10 | | In . | | 1 1 | | | |
| Date First Produced | Test Date | Hours Tested | Test Produ | | | Gas MCF | Water BBL | Oil Grav Corr. Al | | Gas Gra | viţy | 1 | tion Me | hod | | | |
| Choke | Tbg. Press. | | 24 Hr. | | | Gas | Water | Gas/Oil | | Wel | II Status | | Į. | CCEPTE |) FO | R RECORD | |
| Size | Flwg. SI | Press. | Rate | BE | BL | MCF | BBL | Ratio | | | | | • | | 1001 | | |
| | | | | | | | | <u> </u> | | | | | | NOV | 115 | 2013 | |

*(See instructions and spaces for additional data on page 2)

| Due First plan Dae 1 Johns Technology Te | 28b. Produ | uction - Inte | rval C | | | | | | | | |
|--|---------------|---------------|---------------|--|----------------|----------------|--|------------------|--|---------------------------------------|--------------------------|
| Chile Pap. Prod. Cri. 2.15 | | Test Date | | | | | | | 1 | Production Method | • |
| Chake If the Proce Tag 2 if the March BBL March BBL Ratio Nell Status 28. Production Interval D Date Engine Traces 29. Discontine Interval D Children Tester B Date Control Tester | Produced | | l ested | 1 . | BBL | IMCF . | BBL . | Corr. API | Gravity | | |
| Size Prior Prior Rate DBL MCF BBL Ratio | Ci 1 | TEL D | | | | | | 0(0.1) | 777 11 01 | <u> </u> | |
| Disposition Forest Disposition Forest Disposition BBL MCF BBL Core API Gravity Gas Production Method Production BBL MCF BBL Core API Gravity Gas Production Method Production BBL MCF BBL Core API Gravity Gas Production Method Production BBL MCF BBL Core API Gravity Gas Production Method Production BBL MCF BBL Core API Gravity Gas Production Method Production BBL MCF BBL Core API Gravity Gas Production Method Production BBL MCF BBL Gas Production Method Production Method Production MCF BBL Gas Production Method Production Method Production MCF BBL Gas Production Method Production Method Production MCF BBL Gas Production Method MCF BBL Gas Production MCF Gas | | | | | | | | 1 | Well Status | * · | |
| Due Frair (St Due Ploase Ploase Ploase Production BPL MCF BPL Corn AP | | 1 - | | | | | | | 1. | • | |
| Due Frair Tot Due: Ploans Formation First Production Bilb. MCF Bilb. Cerr. AP Cerr. AP | 200 Drade | lation Into | - in I | - Base | L | <u> </u> | <u> </u> | <u> </u> | 1 , | | |
| Producted Instance In | Date First | | | Test | Oil | Gas | Water . | Oil Gravity | Gas | Production Method | |
| State Stat | | | f . | | | | | | | | |
| Size Five Fives Five | | | | - | | | | | 1. | | |
| Summary of Porous Zones (Include Aquifers) 30. Summary of Porous Zones (Include Aquifers) 31. Formation (Log) Markets Show all important zones of poresity and constincts thereof. Cored intervals and all drill-item tests, and call drill-item tests, and call drill-item tests. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Next. Depth RRTLAND 1507 686 FRUITLAND 686 578 PCTURED CLEFTS 8707 TO. 31. Formation (Log) Markets Top Meas. Depth PRESSURE TESTED 5 1/27 CASING TO 3000 PSIG PRIOR TO PERFORATING. PRESSURE TEST HELD. WELL WAS PUT ON PRODUCTION WITH ROO PUMP AND STARTED DE-WATERING COAL OCTOBER 22, 2013. 33. Inductive which litems have been attached by placing a check in the appropriate boxes: | Choke | Tbg. Press. | Csg. | 24 Hr. | | Gas | Water | | Well Status | | |
| 29. Disposition of Clas (Solid and of feet) verted, etc.) VENTED, WATERO AND PPELNET TECH. 30. Summary of Provise Zeones (Include Aquifers) 30. Summary of Provise Zeones (Include Aquifers) 30. Summary of Provise Zeones (Include Aquifers) 31. Formation (Log) Markets 32. Additional remarks (include plugging procedure) Formation Top Beccom Descriptions, Contents, etc. Name Top Meas, Depth Meas, Depth PICTURED CLIFFS 876 TD. 31. Indicate which items have been strached by placing a check in the appropriate boxes: PRESSURE TESTED 5 127 CASING TO 3000 PSIG PRIOR TO PERFORATING. PRESSURE TEST HELD. WELL WAS PUT ON PRODUCTION WITH ROD PUMP AND STARTED DE-WATERING COAL OCTOBER 22, 2013. 33. Indicate which items have been strached by placing a check in the appropriate boxes: Signature Samply Nutlee for plugging and ceremen verification Core Analysis Other: Name Description Description Core Analysis Collection Core Analysis C | Size | | Press. | Rate | BBL | MCF | BBL | Ratio | | · · · · · · · · · · · · · · · · · · · | |
| VestrED, MATING ON PPENUS Zones (Include Aquifes) 30. Summany of Perous Zones (Include Aquifes) 31. Formation (Leg) Markers 32. Additional remarks (neutide plugging procedure) 33. Indicate which items have been attached by placing a check in the appropriate boxes. 33. Indicate which items have been attached by placing a check in the appropriate boxes. 33. Indicate which items have been attached by placing a check in the appropriate boxes. 33. Indicate which items have been attached by placing a check in the appropriate boxes. 33. Indicate which items have been attached by placing a check in the appropriate boxes. 34. Thereby certify that the foregoing and anusched information is complete and correct as determined from all available records (see attached instructions). 35. Signature | | 31 : | | > | | | 1 | | | | |
| Solumbury of Porous Zones (Include Aquifors) Show all important zones of poresity and contents theroof. Cored intervals and all drill-stem tests, including depth interval rested, custion used, time tool open, flowing and shur-in pressures and recoveres. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth OJO ALAMO SURFACE 1507 KRITLAND 1567 8567 FRUITLAND 6568 5767 PICTURED CLIFFS 876 TD. 32. Additional remarks (triclude plugging procedure): PRESSURE TESTED 5 1/2* CASING TO 3000 PSIG PRIOR TO PERFORATING. PRESSURE TEST HELD. WELL WAS PUT ON PRODUCTION WITH ROD PUMP AND STARTED DE-WATERING COAL OCTOBER 22, 2013. 33. Indicate which fitters have been attached by placing a check in the appropriate boxes: | 29. Dispos | sition of Gas | S (Solid, use | ed for fuel, ve | nted, etc.) | <u> </u> | | <u> </u> | | | |
| Show all important zones of poresity and contents thereof: Cored intervals and all drill-stem tests, including depth interval rested, cushion used, time tool open, flowing and shur-in pressures and receiverees. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. Depth 32. Additional remarks (include plugging procedure) PRESSURE TESTED 5 1/2" CASING TO 3000 PSIG PRIOR TO PERFORATING. PRESSURE TEST HELD. WELL WAS PUT ON PRODUCTION WITH ROD PUMP AND STARTED DE-WATERING COAL OCTOBER 22, 2013. 33. Indicate which items have been attached by placing a check in the appropriate boxes. Beenried/Mcchanical Logi (1 full set regid) Gold of Report DIST Rep | VENTED, W | AITING ON I | PIPELINE TII | E-IN. | • | | | | | | |
| Show all important zones of poresity and contents thereof: Cored intervals and all drill-stem tests, including depth interval rested, cushion used, time tool open, flowing and shur-in pressures and receiverees. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. Depth 32. Additional remarks (include plugging procedure) PRESSURE TESTED 5 1/2" CASING TO 3000 PSIG PRIOR TO PERFORATING. PRESSURE TEST HELD. WELL WAS PUT ON PRODUCTION WITH ROD PUMP AND STARTED DE-WATERING COAL OCTOBER 22, 2013. 33. Indicate which items have been attached by placing a check in the appropriate boxes. Beenried/Mcchanical Logi (1 full set regid) Gold of Report DIST Rep | 30. Sumn | nary of Poro | us Zones (| Include Aqui | fers): | | | - | 31. Formatio | n (Log) Markers | |
| including depth interval tested, cushion used, time tool open, flowing and shur-in pressures and recoveries. Formation Top Bottom Descriptions, Concents, etc. Name Top Meas. Depth JOD ALAMO SURFACE ISTO KIRTLAND 1507 698 FRUITLAND 1507 698 FRUITLAND 6997 578 PICTURED CUFFS 978 TD. PRESSURE TESTED 5 1/2" CASING TO 3000 PSIG PRIOR TO PERFORATING. PRESSURE TEST HELD. WELL WAS PUT ON PRODUCTION WITH ROD PUMP AND STARTED DE-WATERING COAL OCTOBER 22, 2013. 33. Indicate which teems have been attached by placing a check in the appropriate boxes: Beetrical/Mechanical Logs (1 felt) set reg 4.) Geologie Report DST Report DIrectional Survey | | | | | | | | • | | | |
| Formation Top Bottom Descriptions, Contents, etc. Name: Top Meas. Depth OJO ALAMO SURFACE 150 KIRTLAND 1507 696' FRUTLAND 696' 976 PICTURED CLIFFS 976 TD. 32. Additional remarks (include plugging procedure) PRESSURE TESTED 5 1/2' CASING TO 3000 PSIG PRIOR TO PERFORATING. PRESSURE TEST HELD. WELL WAS PUT ON PRODUCTION WITH ROD PUMP AND STARTED DE-WATERING COAL OCTOBER 22, 2013. 33. Indicate which items have been attached by placing a check in the appropriate boxes: Bectrical/Mechanical Logs (1 full set reg* d.) Geologic Report DEST Report Destructional Survey | | | | | | | | | | | |
| Formation Top Bottom Descriptionts, Contents, etc. Name Mess, Depth Mess, Depth Journal Alamo Surface 1507 KIRTLAND 1507 6967 PICTURED CLIFFS 7767 TD. 32. Additional remarks (include plugging procedure): PRESSURE TESTED 5 1/2" CASING TO 3000 PSIG PRIOR TO PERFORATING. PRESSURE TEST HELD. WELL WAS PUT ON PRODUCTION WITH ROD PUMP AND STARTED DE-WATERING COAL OCTOBER 22, 2013. 33. Indicate which items have been attached by placing a check in the appropriate boxes. Electrical/Mechanical Logs (1 full set reg/d.) Geologic Report DST Report D Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other Processing Prior MICHAEL T. HANSON Title OPERATION ENGINEER Signature MiCHAEL T. HANSON Date 10/30/2013 | | | or var testee | · | a, mic too | opon, noving | una snat in pro | osparos ma | | | |
| Formation Top Bottom Descriptionts, Contents, etc. Name Mess, Depth Mess, Depth Journal Alamo Surface 1507 KIRTLAND 1507 6967 PICTURED CLIFFS 7767 TD. 32. Additional remarks (include plugging procedure): PRESSURE TESTED 5 1/2" CASING TO 3000 PSIG PRIOR TO PERFORATING. PRESSURE TEST HELD. WELL WAS PUT ON PRODUCTION WITH ROD PUMP AND STARTED DE-WATERING COAL OCTOBER 22, 2013. 33. Indicate which items have been attached by placing a check in the appropriate boxes. Electrical/Mechanical Logs (1 full set reg/d.) Geologic Report DST Report D Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other Processing Prior MICHAEL T. HANSON Title OPERATION ENGINEER Signature MiCHAEL T. HANSON Date 10/30/2013 | | | 1 | 1 2 | \neg | | | | | · · · · · · · · · · · · · · · · · · · | Ton |
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| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any | | | | | y | | | | -, | | |
| false fictitious or fraudulent statements or representations as to any matter within its jurisdiction | | | | | | | | | and willfully to | make to any department or agency | of the United States any |

(Continued on page 3) (Form 3160-4, page 2)

INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.

ITEM 17: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

ITEM 23: Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48 (d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. et seq., 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.

This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.

Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.