BEA

SUBMIT IN DUPLICATE. UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(See other instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.5,

| 5. | LEASE | DESIGNA | TION | AND | SERIA | <u>1</u> 76 |
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| 6. | IF IND | IAN, ALL | OTTEE | OR | TRIBE | NAM |

| Survey made | 11 LLL CO! | APPEHON | OR RECON | MPLETIO | IN KEPC | ואל אל | D LOC | J. J. C.4.D | WILL ADACHE |
|--|-------------------|------------------|-----------------------|-----------------|---------------------------------------|--------------|--------------------|-----------------------|-------------------------|
| TYPE OF COMPLETION: WHEN LOW OWNER DEFT | . TYPE OF WELL | : OIL | LL WELL [| DRY | Other | | | | |
| NAME OF OPERATOR LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 450 FSL* 1820 FWL. At our location of wrell (Report location clearly and in accordance with any State requirements)* At our location of wrell (Report location clearly and in accordance with any State requirements)* At our location of wrell (Report location clearly and in accordance with any State requirements)* At our location of wrell (Report location clearly and in accordance with any State requirements)* At our location of wrell (Report location clearly and in accordance with any State requirements)* At our location of wrell (Report location clearly and in accordance with any State requirements)* At our location and the location clearly and in accordance with any State requirements)* At our location and location clearly and in accordance with any State requirements)* At our location and location clearly and in accordance with any State requirements)* At our location and location clearly and in accordance with any State requirements)* At our location and location clearly and in accordance with any State requirements)* At our location and location clearly and in accordance with any State requirements)* At our location and location clearly and in accordance with any State requirements)* At our location and location clearly and in accordance with any State requirements)* At a wrell case of the location clearly and in accordance with any State requirements)* At a wrell case of the location clearly and in accordance with any State requirements)* At a wrell case of the location clearly and in accordance with any State requirements)* At a wrell case of the location clearly and in accordance with any State requirements)* At a wrell case of the location clearly and the location clearly and the location clearly and the location clearly and the location clear | TYPE OF COMP! | | | | | | | | |
| AMDRESS OF OPERATOR ADDRESS OF OPERATOR LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 450 Pol + 1830 Full. At top prod. Internal reported below SAMS At total depth SAMS At total depth SAMS At total depth SAMS AT 15. DATE 7D. REACHED 17. DATE COMPL. (Ready to prod.) DATE SPECIDED 16. DATE 7D. REACHED 17. DATE COMPL. (Ready to prod.) DATE SPECIDED 16. DATE 7D. REACHED 17. DATE COMPL. (Ready to prod.) DATE SPECIDED 16. DATE 7D. REACHED 17. DATE COMPL. (Ready to prod.) DATE SPECIDED 16. DATE 7D. REACHED 17. DATE COMPL. (Ready to prod.) DATE SPECIDED 16. DATE 7D. REACHED 17. DATE COMPL. (Ready to prod.) DATE SPECIDED 16. DATE 7D. REACHED 17. DATE COMPL. (Ready to prod.) TOTAL BETTIL NO. TOTAL DATE INC. NO. DATE ISSUED 18. INTERNALS. POLICIES INTERNALS.). OF THIS COMPLETION—TOP, BOTTOM, NAME (NO AND TYD)* CASING NILE 20. THIS COMPLETION—TOP, BOTTOM, NAME (NO AND TYD)* CASING NILE WEIGHT, LOSS RIV. TYPE ELECTRIC AND OTHER LOGS RIV. SPICE CASING RECORD (Report all strings art in well) CASING NILE WEIGHT, LOSS RIV. CASING RECORD (Report all strings art in well) CASING NILE WEIGHT, LOSS RIV. TYPE ELECTRIC AND OTHER LOGS RIV. SPICE CASING RECORD (Report all strings art in well) CASING NILE WEIGHT, LOSS RIV. CASING NILE WEIGHT, LOSS RIV. TYPE ELECTRIC AND OTHER LOGS RIV. SPICE CASING RECORD (Report all strings art in well) CASING NILE WEIGHT, LOSS RIV. TYPE ELECTRIC AND OTHER LOGS RIV. SPICE CASING RECORD (Report all strings art in well) CASING NILE WEIGHT, LOSS RIV. TYPE ELECTRIC AND OTHER LOGS RIV. SPICE CASING RECORD (REPORT AND RECORD AND | NEW (| WORK T DEI | EP- PLUG PACK | DIFF. DESVR. | Other | | | S. FARM OR | LEASE NAME |
| ALT STATE PRODUCTION STEERVAL(S). OF THIS CONFILE. TOP. BOTTON, NAME (NO AND TYD) CASING RECORD (Report all strings art in well) CASING RECORD (Report all strings art in we | | | | | | | | - licas | 1110-2 B |
| At surface 450' Fol. + 1820' FWL At top prod. interval reported below SAME At total depth | | 4701.11 | 1.5 /3.5 | | | | | 9. WELL NO | 0. |
| TOTAL BOTHLE MAD OTHER LOGS RN CASING RECORD (Report all strings art in well) LINER RECORD CASING RECORD (Report all strings art in well) CASING RECORD (Report all strings art in well) LINER RECORD CASING RECORD (Report all strings art in well) LINER RECORD CASING RECORD (Report all strings art in well) LINER RECORD LINER RECORD CASING RECORD (Report all strings art in well) LINER RECORD LINER RECORD LINER RECORD CASING RECORD (Report all strings art in well) LINER RECORD LINER RECORD LINER RECORD LINER RECORD ADDITION OF MAD PACKED AND AND PACKED AND PACKED AND PACKED AND AND PACKED AND AND PACKED AND PACKE | ADDRESS OF OPERA | TOB | | | · · · · · · · · · · · · · · · · · · · | | | 17 | |
| At top prod. interval reported below SAMS At total depth. At 12, Pannit No. Date ibsued R 4 V. At V. BASS At V. BASS At V. | ANDRESS OF STREET | ** , | | | | | | 10. FIELD A | AND POOL, OR WILDCAT |
| At top prod. interval reported below SAMS At total depth. At 12, Pannit No. Date ibsued R 4 V. At V. BASS At V. BASS At V. | LOCATION OF WELL | (Report locati | on clearly and in c | ccordance w | ith any Stat | e requiremen | its)* | | de Caralle San |
| At top prod. Internal reported below SAMAG. At total depth SAMAG. | | | | | | | | 11. SEC., T. | R. M., OR BLOCK AND SEE |
| At top 197d. Interval reported below \$\frac{25.045}{At total depth}\$ At total depth \$\frac{25.045}{At total depth}\$ At total | , | | _ | | | | | | |
| At total depth SAME. 14. Fermit No. Date Insued 12. County or 13. State Pairs 14. Fermit No. Date Insued 12. County or 13. State Pairs 14. Fermit No. Date Insued 12. County or 13. State Pairs 14. Pairs 14. Pairs 14. Pairs 15. Bate Cond. Ready to grod.) 15. Elevations (OP, Reb. Rt., CR, ETC.)* 19. Elev. Casinghead N.M. CASING RECORD Red. CASI | | | elow | | | | | T | 25 N |
| DATE SPEDDED 16. DATE TD. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF. RKB. RT. OR. PEC.)* 18. RLYY. CANINGHEAD 72-79 4-21-70 (S. R. 24. OR. 19. RLYY. CANINGHEAD 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF. RKB. RT. OR. PEC.)* 18. RLYY. CANINGHEAD 69.82 (A. 69.82) (A. 69.8 | At total depth | | | | | | | K | 4 W. |
| DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DP., RNS., RT. CR., ETC.)* 19. ELEV. CASINGHEAN -2-79 1-25-79 4-21-70 (8.82 CR.)* 19. ELEV. CASINGHEAN -2-79 1-25-79 10. MANY TOLL -2-79 10. MANY TOLL -2-79 12. MAS WELL CORD -2- | SAM | le. | | 14. PERM | IT NO. | DATE | ISSUED | | |
| 19. ELEV. CASING RECORD 16. DATE TD. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (OP. BRB. BT. GB. ETC.)* 19. ELEV. CASINGHEAD 2-79 4-21-79 4-21-79 (6.882 178 | | | | | | | | ROARE | MM. |
| -2-79 | ATE SPUDDED | 16. DATE TD. 1 | REACHED 17. DAT | E COMPL. (Re | eady to prod |) 18. ELE | D SOITAVE | F, RKB, RT, GR, ETC.) | 19. ELEV. CASINGHEAD |
| T732 | -2.70 | 1-05- | .70 | 4-21-79 | | (0 | 882 6 | ? | 6852 |
| T732 | OTAL DEPTH. MD A | TVD 21. PLI | JG, BACK T.D., MD & | TVD 22. II | F MULTIPLE | COMPL., | 23. INTE | RVALS ROTARY TO | OOLS CABLE TOOLS |
| CABING RECORD CASING RECORD Report all strings set in well | 7730' | | 7737' | I | | | | l l | -ALL |
| CABING RECORD CASING RECORD Report all strings set in well | PRODUCING INTERV | AL(S), OF THIS | COMPLETION-TOP | BOTTOM, NA | ME (MD ANI | TVD)" | | | 25. WAS DIRECTIONA |
| Type electric and other logs run 27. Was well cored 27. Was well c | | Gollus. | | | | | | | |
| 27. WAN WELL CORED NO. | 7314-7530 | Dakota | | | | | | | YES |
| CASING RECORD (Report all strings set in well) CASING RIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLE S/8 24 | TYPE ELECTRIC AN | D OTHER LOGS | RUN | | | | | | 27. WAS WELL CORED |
| CASING NIZE | 5P-165, GR- | FOC. CB.,V | DL, CCL | | | | | | No. |
| S S S S S S S S S S | | | CAS | NG RECORI |) (Report all | strings set | in well) | | |
| SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD | CASING BIZE | WEIGHT, LB. | /FT. DEPTH SE | T (MD) | HOLE SIZ | E | CEM | ENTING RECORD | AMOUNT PULLE |
| SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD | Q5/a | 24 # | 62. | 1' | 121/4" | | 400= | | 5054 |
| LINER RECORD 30. TUBING RECORD | | | | | | | | <u></u> | |
| SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) | | 1-4 | | | | | | | |
| SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) | | | | | | | | | |
| PERFORATION RECORD (Interval, size and number) (A86', 89, 42, 651 3, 16, 19, 22, 25, 28, 35, 37. 55, 57, 664) 49, 67, 69 6715, 17, 30, 33, 6736, 60/(1559) 7314', 17, 20, 31, 34, 37, 40, 51, 54, 57, 60, 7468, 71, 74 7512, 15, 18, 21, 24, 27, 30 60/(1559) PRODUCTION | | | LINER RECORD | | | | 30. | TUBING REC | CORD |
| PERFORATION RECORD (Interval, size and number) 82. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 6486', 89,92,6513,16,19,22,25,28,35,37.55,57,64 49,67,69,6715,17,30,33,6736. w//JSPP 7314',17,29,31,34,37,40,51,54,57,60,7468,71,74 7512,15,18,21,24,27,30 w//JSPF PRODUCTION PRODUCT | SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEM | ENT* SCR | EEN (MD) | SIZE | DEPTH SET (| (MD) PACKER SET (M |
| DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED | | | | | | | 2 3/8 | " 7518' W | <b.< td=""></b.<> |
| Depth Interval (MD) AMOUNT AND KIND OF MATERIAL USED | | | | | | | | | |
| (A86, 89, 92, 651 3, 10, 19, 22, 25, 28, 35, 37.55, 57, 647) 49, 67, 69 6715, 17, 30, 33, 6736, w/(158P) 7314, 17, 20, 31, 34, 37, 40, 51, 54, 57, 60, 7468, 71, 74 7512, 15, 18, 21, 24, 27, 30 w/ 145PF PRODUCTION FIRST PRODUCTION FOR TEST PRODUCTION FOR TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD CHOKE SIZE PROD'N. FOR TEST PERIOD TOTAL PRODUCTION TOTAL PRODUCTION TEST PERIOD TEST PERI | PERFORATION RECC | RD (Interval, s | ize and number) | | 82. | A | CID, SHOT. | FRACTURE, CEMEN | NT SQUEEZE, ETC. |
| 49, 67, 69 6715, 17, 30, 33, 6736. w/(1589) 7314', 17, 20, 31, 34, 37, 40, 51, 54, 57, 60, 7468, 71, 74 7512, 15, 18, 21, 24, 27, 30 w/(1589) PRODUCTION FIRST PRODUCTION FOR TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD TES | 1 4 9 (' 9 0 () | | 10 25 39 1 | 27 55 (| DE | PTH INTERVA | AL (MD) | AMOUNT AND KI | IND OF MATERIAL USED |
| 7314', 17, 20, 31, 34, 37, 40, 51, 54, 57, 60, 7468, 71, 74 7512, 15, 18, 21, 24, 27, 30 w/lispe PRODUCTION FLWG PROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO FLWG TEST PERIOD T | | | | | 1 | 6-78736. | | 30605 15% HC1-NE. | 35.000 and called witr. |
| 7512, 15,18,21,24,27,30 W/ LISPE PRODUCTION FIRST PRODUCTION FOR TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD TOTAL TE | 7211 17 07 0 | 2 2 1 2 4 2 → | 10 5: 54 57 | (n) 7468 | | | | | |
| PRODUCTION FIRST PRODUCTION FIRST PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) S-3-79 FLWG. PROD CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO TEST PERIOD TEST PERIOD TEST PERIOD GAS—MCF. WATER—BBL. OII. GRAVITY-AFL CORR ALA ALA ALA ALA ALA ALA ALA | | | | | 731 | 4-7530. | | , | |
| FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 5-3-79 FLWG. PROD TEST HOURS TESTED CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO TEST PERIOD 7-3-79 AAA CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL, GRAVITY-AFL CORR AAA AAA AAA AAA AAA AAA AAA | 15(2, 15) | 18,21 124121 | 100 0/1857 | | | | | | |
| 5-3-79 FLWG. FLWG. FROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO TEST PERIOD 5-3-79 CA NA FLWG. FROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO TEST PERIOD TEST PERIOD GAS—MCF. WATER—BBL. OIL, GRAVITY-APL CORR A/A A/A A/A A/A A/A A/A A/A | | | | | | | | | |
| FLWG. FLWG. FROD FOR TEST HOURS TESTED CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO 5-3-79 V. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE A/A A/A A/A A/A A/A A/A A/A | FIRST PRODUCTIO | on rot | OUCTION METHOD (| Flowing, gas | lift, pumpin | y-eize and | type of pun | ip) WEL | |
| TOT TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS—OIL RATIO TOTAL PRODUCTION OIL—BBL. GAS—MCF. WATER—BBL. GAS—OIL RATIO OIL—BBL. GAS—OIL PRODUCTION OIL—BBL. GAS—OIL PRODUCTION | 5-3-79 | | LWG. | | | | | i - | • |
| 5-3-79 24 NA 65 /30 2/ 2000 W. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-APL CORR A/A / Ja. 65 /30 2/ | | | CHOKE SIZE | | | —BBL. | GAS-MC | | |
| W. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR | 5-3.79 | 24 | NA | | | 65 | 130 | 2/ | 2000 |
| $N_{a} \longrightarrow 65$ 130 21 $N_{a} \longrightarrow 1$ | | CASING PRESSI | RE CALCULATED | | | | | | OIL GRAVITY-APL CORR. |
| | A/4 | Na | | 1 . | 5 | /3 | 30_ | | 164/16 |
| | DISPOSITION OF GA | s (Sold, used fo | or fuel, vented, etc. | | | | | | EagED ST F |
| BE ANDERSON | er ted | | | | | | | B.E.AND | ERKO |
| LIBT OF ATTACHMENTS | LIST OF ATTACHM | ENTS | | | | | | | 18 3 St. |
| List of ATTACHMENTS | | | | | | | | | 111120 |
| I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | that the forego | ing and attached i | nformation i | s complete a | nd correct a | is determin | ed from all available | records Je CON. |
| The Market of the second of th | I hereby certify, | | | | | | | | |
| SIGNED WILL S- SUMMER TITLE ADMINISTRATIVE SUPERVISOR DATE OF OF | I hereby certify, | 14. | H | \mathcal{O} | | | • ^ - 3 | VICEO | - I all coist |
| | 7,/ | a-The | Mertine | ₽ TITI | e <u>Adn</u> i | MISTRATIVE | SUPER | VISOR DAT | records 11.10 ST. |

NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State 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 and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

Consult local State

or Federal office for specific instructions. 19cm 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUSH | TESTED, CUSHION I | OSITY AND CONTENTS THE SED, TIME TOOL OPEN, PI | NAAKI OF FOROUS MODES. 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, plowing and shut-in pressures, and recoveries | 38. | GEOLOGIC MARKERS |
|---|-------------------|--|---|-----------------|--------------------------|
| FURMATION | TOP | воттом | DESCRIPTION, CONTENTS, ETC. | NAME | TOP TOP TRUE VERT. DEPTH |
| Sh., Ss. | 0 | 5440 | | Pictured Cliffs | |
| : : | | 6448 | | Cliff House | |
| f(t(| | 7245 | | Gallup | 0448 |
| ** | | TD | | 0 | (|
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