Form 9-330 (Rev. 5-68)

SUBMIT IN DUPLIC

Copy & 5/2

DEPARTMENT OF THE INTERIOR

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

| | | GE | OLOGICA | 4L 301 | (VEI | | | | | LC-02 | | |
|----------------------------|------------|--------------|---------------------------|----------------------|---------------|----------------------|----------|-----------------------------|-------------------|-----------------------|----------------|---------------------|
| WELL CO | | ION C | R RECON | APLETI | ON F | REPORT | ANI | D LOG | | | | TTED OR TRIBE NAME |
| ia. TYPE OF WELL | L : | OII. | X GAS WELL | DR | T . | Other 2 | C | EIV | E | 7. UNIT AGRI | EMENT | I NAME |
| b. TYPE OF COMP | LETION: | | | * | | | | | | | | |
| NEW X | WORK OVER | DEEP- | PLUG BACK | DIFF. | R. 🔲 | Other | | - 4 - 3 - 1 () - | , | 8. FARM OB | LEASE | NAME |
| 2. NAME OF OPERATO | or | | | | | | AOA | 1 5 19 | 15 | Arco | \mathbf{Fed} | eral |
| Armer Oil | Com | pany 🗸 | _ | | | | | | | 9. WELL NO. | | • |
| 8. ADDRESS OF OPER | ATOR | <u> </u> | | | | | | . C. S. | _ | 1 | | |
| 2110 Conti | nenta | l Natio | nal Bank | Bldg. | , Ft | . Worth | RIE | exa 8 7 | 6102 | 10. FIELD AN | | L, OR WILDCAT |
| 2110 Conti | L (Repor | t location c | learly and in a | ccordance | with any | y State requir | ement | *)* | Ž. | Squar | e Lor | OR BLOCK AND SURVEY |
| At surface 198 | 80' F.I | NT & 6 | 90, F.F.T | Sec. | 9-173 | 5-30E | | | • | 11. SEC., T., OR AREA | ₩., | OR BLOCK AND SURVEY |
| At top prod. inte | erval repo | rted below | Same | | | | | ; ; | | 0 17 | C 24 | o Ter |
| | | | | | | 74 | | | | 9-17 | 3-30 |) E |
| At total depth | Same | ; | | | | | | | | 12. COUNTY | | 13. STATE |
| | | | | 14. PER | MIT NO. | i | | ISSU E D | | PARISH | | |
| | | | | | <u> </u> | 1 | | 11-73 | | Eddy_ | 1 10 | New Mexico |
| 1 | | | HED 17. DATE | | | pros.) 18. | | | | T, GR, ETC.)* | 1 | _ |
| 10/9/73 | | 16/73 | | 0/24/7 | | TIPLE COLOR | | 90' GR | | ROTARY TOO | <u> </u> | CABLE TOOLS |
| O. TOTAL DEPTH, MD | A TVD | 21. PLUG, B | ACK T.D., MD & | TVD 22. | HOW M | TIPLE COMPL. | | DRILL | | | NO. | 1 |
| 3505' TD | | 3495 | PBTD | | _ | - | | <u> </u> | <u> </u> | XX_ | 1 0 | 5. WAS DIRECTIONAL |
| 4. PRODUCING INTER | VAL(B), C | F THIS CO | MPLETION—TOP | , BOTTOM, | NAME () | HD AND TVD) | | . i | | | 2 | SURVEY MADE |
| 3024-3032 | ' w/1 | 7 holes | - Lovin | gton-S | A | | | | | | | No |
| | | | <u> </u> | | | | | <u> </u> | | | 97 = | VAS WELL CORED |
| 6. TYPE ELECTRIC A | | | | | | | | | | | 21. 11 | |
| Welex Con | npens | ated D | | | | · | | | | | | <u>No</u> |
| 28. | | | | | | ort all string | set in | | | | | |
| CASING SIZE | WEIG | HT, LB./FT. | DEPTH SE | | | LE SIZE | | | | RECORD | | AMOUNT PULLED |
| 8-5/8" | | 20# | 475 | ' KBM | 11 | [is | 1 | 00 sxs. | | | | None |
| 4-1/2" | | 9.5# | 3495 | ' KBM | 7 | 7 - 7/8'' | 3.5 | 0 sxs. | Cla | iss H | | None |
| | _ | | | | | <u> </u> | | | | | | |
| | <u> </u> | | | | | | <u> </u> | | | | | <u></u> |
| 29. | | | NER RECORD | | | 1.6 | | 30. | | TUBING REC | | [|
| SIZE | TOP (M | ID) B | OTTOM (MD) | SACKS CE | MENT | SCREEN (M | D) | SIZE | | DEPTH SET (M | (D) | PACKER SET (MD) |
| | | | | | | - | | 28 | | 3032 | | None |
| | | | | <u> </u> | | | | | | | | <u> </u> |
| 81. PERFORATION REC | CORD (1#F | ervai, ilze | ana numver) | REC | | 82. | | | | URE, CEMEN | | |
| | | | | " CHAIN | -C/ | VET | | L (MD) | | | | MATERIAL USED |
| 3024-3032 | ' w/l | 7 -0.4 | 2" holes | NOV | 1- 4- | 302423 | 032 | · <u>'</u> . | | gals. 15 | | |
| | | | 14 | C 055 | 12-19 | 373 | | | | | | lled water |
| | | | U. , | 3 . (-)-(3/ / | 701A | | | | W | /22, 000# | sa | na |
| | | | A | RTESIA, | MEW . | - CONTEY | | | | | | |
| 33.° DATE FIRST PRODUCT | TON. | PRODUCE | ION METHOD (| Floreing a | PRO | umping—sica | and t | upe of num | p) | WELL | STATI | B (Producing or |
| | NON | 1 | · | | | ri | | er- al heur | -, | eht | ut-in) | |
| 11-2-73 | 1 novez | Pu TESTED | mping - | | ' roc | l pump | | GAS-MC | F. | WATER-BB | | Cing |
| | i | | CHOKE SIZE | | PERIOD | 84 | | 100 | | 15 | - | 1260:1 |
| 11- 4-73 | 2 | | l carrett amms | OIL— | _ | GAS- | MCF | <u> </u> | WATER- | | OTT. (| GRAVITY-API (CORR.) |
| FLOW. TUBING PRESS. | CASING | PRESSURE | CALCULATED 24-HOUR RAT | rae | | 1 | | 1 | | | (| |
| 04 | | | al mandad at | | 34 | <u> </u> | 106 | | | 15 | SHED | 38 |
| 84. DISPOSITION OF G | | | | | . • | · · | | | | | | الوكن |
| Used for f | uel ai | nd bala | nce vent | ing - t | estin | ng for sa | .le | | | Chandl | er t | laggard |
| 35. LIST OF ATTACH | | | | _ | _ | () | | ~·· | | NT . | T | I P |
| Deviation | Surve | y, WE | K Drilli | ng Co. | , Inc | and W | ele | x Side | wall | Neutron | <u>ەبدە</u> | g ' '' |
| 86. I hereby certify | that the | foregoing | and attached | nformation | is com | piete and cori | ect a | aetermine | u Irom | aii avaliable | record | n |
| (| | | Jun | 1 | rt.te I | Producti | on i | Manage | er | T) A ጣ | n 1 | 1/7/73 |
| SIGNED | | | | TI | | | | | | | | |

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 directions. All attachments

should be listed on this form, see item 35.

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

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 interval, 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.

Hem 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.

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

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| | A STATE OF THE STA | | 37. | |
|---|--|-----------------------------|---|---------------------|
| • | Froducti | PORMATION | 37. SUMMARY 8HOW DEPTH | rrdor |
| ₽~.« | a or Mel ad Lalance venting - testing of er se included by a vey, when prilling Co., Inc. and | MOIT | HINT HOP | ្រាស់លាន |
| ပါ ဒ | a or Rel ad Lalance vening - testing o | - | POROUS | |
| | copy of Welex | 707 | S ZONES : | |
| * j - | 14-75 34 A 34 A 34 B 34 | 79 | ES OF P | 100 |
|]] - | | | OROSITT | |
| | Sidewa | MOLLOR | AND CO | |
| 5 o | | | NTENTS OL OPE | 2.10 |
| ; ; | Neutron log | | THEREC | P00 |
| | ron | | ING AND | |
| us ec | | DE | ED INT | , |
| WEDWINGHT | attached. | SCRIPTI | RVALS; | - - |
| PRINTING | 7.0 9.4 6472 40.00 110 7.1 3492 ESSE 7.00 | DESCRIPTION, CONTENTS, ETC. | AND AI | из, Cla вяз, Cla |
| OFFICE: 196 | er och panadica pan ati y pol | TENTS, | AND REC | |
| U.S. GOVERNMENT PRINTING OFFICE : 1953—O-883638 | 7 / | ETC. | CORED INTERVALS; AND ALL DRILL-STEM TESTS AND SHUT-IN PRESSURES, AND RECOVERIES | |
| | (-3054) w. if actus Cyington-Sta | | ٠. | : |
| ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; | 3/ 3/ 4/ 4/ 4/ 4/ 4/ 4/ 4/ 4/ 4/ 4/ 4/ 4/ 4/ | | INCLUDING | r 1 |
| ; | 7,13 10/10/70 1:/24/73 | | 38. | h (37) 1.2 |
| | osme | | | *43 |
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| , | 1900 - We e coul dans 300. 9-175-30 | | GEOLC | · |
| 727 | rer di Jongany / | <u>-</u> | GEOLOGIC MARKERS | as 761 92 |
| | nem cii ocin pany / | | ARKER | |
| | | TOP | i ka | |
| . 87 | TRUE VERT. DEPTH | | | 1. |
| 871-233 | DEPTH | | | |

SUBMIT IN DUPLIC

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

| UN. | D 2 | HAIL | .5 |
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| DEPARTMEN | OF 7 | ΓΗΕ | INTERIOF |
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| / | | MEN i OF EOLOGICA | | | stru reve | erse side) | D. LEASE DESI | 9342(d) |
|--------------------------------|---------------------|----------------------|----------------------------|------------------------|----------------|-------------------|----------------------------|---|
| WELL CON | APLETION (| OR RECOM | APLETION | REPORT | AND LO | G * | 6. IF INDIAN, | ALLOTTEE OR TRIBE NAME |
| 1a. TYPE OF WELL | | | | | | | 7. UNIT AGREE | MENT NAME |
| b. TYPE OF COMP | WELL | LA WELL | DRY | Other | | - D | | |
| NEW CZI | WORK DEEP- | DACK DACK | DIFF. DESVR. | REU Other | EIVE | <u>. u</u> | S. FARM OR L | EASE NAME |
| 2. NAME OF OPERATO | | | | MOU | 1 / 1077 | <u> </u> | Arco F | ederal |
| Armer Oil | Company | V | | NOV | 1 6 1973 | <u></u> | 9. WELL NO. | • |
| 3. ADDRESS OF OPERA | | | n., | . 317 41 | T | 7610 | 10. FIELD AND | POOL, OR WILDCAT |
| 2110 Contin | nental Nati | onal Bank | Bldg., r | t. Worth | mental emas | 7610 | Square | e Lake |
| At surface 198 | O'FNL & | 660' FEL | Sec. 9-17 | S-30E | IA, UFFIC | <u> </u> | 11. SEC., T., R OR AREA | TON - SA |
| At top prod. inte | rval reported belo | w Same | | , | • | | 9-175 | 5-30E |
| At total depth | Same | | • | | | | | |
| | | | 14. PERMIT NO |), | DATE ISSUED | | 12. COUNTY O | R 13. STATE |
| | | | <u> </u> | | 9-11-73 | | Eddy | New Mexico |
| 15. DATE SPUDDED | 16. DATE T.D. REA | ſ | | to prod.) 18. | | | RT, GR, ETC.) | 19. ELEV. CASINGHEAD |
| | 10/16/73 | BACK T.D., MD & 1 | 724/73 | I TIPLE COMPL | 36901 (| GR TERVALS | BOTARY TOOL | 3691' |
| 20. TOTAL DEPTH, MD & | | | HOW HOW | LTIPLE COMPL., MANY | | RILLED BY | XX | |
| 3505' TD 24. PRODUCING INTERV | 1 349 | 5' PBTD | BOTTOM, NAME | (MD AND TVD)* | | | 1 22 | 25. WAS DIRECTIONAL BURYET MADE |
| 3024-30321 | | | | | | | | No |
| 3024-3032 | w/17 note | s - Doving | gt011-571 | | | | | |
| 26. TYPE ELECTRIC AL | | | | | | | Ì | No No |
| Welex Con | pensated I | | | | | | | INO INO |
| 28. | WEIGHT, LB./F | | NG RECORD (Re | OLE SIZE | | EMENTING | RECORD | AMOUNT PULLED |
| 8-5/811 | 20# | | | 1 (0 | 100 sx | s. Cl | ass C | None |
| 4-1/2" | 9.5# | | KBM | 7-7/8" | 350 sx | | | None |
| | 7.3" | | | ۲۰۰ | | | | |
| | | | | | | <u>.</u> | munus pass | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| 29. | | INER RECORD | | 1 | 30. siz | ·m 1 | TUBING RECO | 1 (11-2) |
| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT® | SCREEN (M | 2-3 | _ | 30321 | Tacaba da (a) |
| | | | | | | / 5 - | 3032 | |
| 81. PERFORATION REC | ORD (Interval, eige | e and number) | | 82. | ACID, SHO | OT, FRAC | TURE, CEMENT | SQUEEZE, ETC. |
| | | | | DEPTH IN | rerval (MD) | ^ | MOUNT AND KIN | D OF MATERIAL USED |
| 3024-3032 | ' w/17 -0. | 42" holes | | 3024-3 | 0321 | _ | | % DS-30 |
| | | | | | | | ,000 gals. v/22,000# | gelled water |
| | | | | , | | -\- | ·/ 22, 000 n | RECEIVE |
| 33.• | | | PR | ODUCTION | | | | NOV15 1073 |
| DATE FIRST PRODUCT | ION PRODU | CTION METHOD (| Flowing, gas lift, | pumping-size | and type of s | pump) | | STATUS (Following of |
| 11-2-73 | F | umping - | 1-1/2" ro | d pump | | | Pr | Wisc iCEOLOGICAL SUR |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | TOIL—BBL. | GAS- | | WATER—BBL | ARTESIA, UCH MEAN |
| 11- 4-73 FLOW. TUBING PRESS. | 24 | E CALCULATED | OIL—BBL. | 84 GAS- | | 106 | R—BBL. | OIL GRAVITY-API (CORR.) |
| FLOW, TUBING PASSS. | CABING PRESSUR | 24-HOUR RAT | | _ | 106 | | 15 | 38 |
| 34. DISPOSITION OF G | AS (Sold, used for | fuel, vented, etc.) | | | 100 | | TEST WITNE | |
| Used for f | uel and bal | lance vent | ing – testi | ng for sa | le | | Chandle | er Haggard |
| ••• | | יווי∝נווי. בעיים | ar Co In | W bre | Telev Si | dewal | 1 Neutron | Log |
| Beviation 36. I hereby certify | Survey, W | z end attached l | nformation is co | mplete and cor | rect as determ | nined fro | m all available | ecords |
| | | Kuh | | Producti | | | | 11/7/73 |
| SIGNED | <u> </u> | / | TITLE | + 1 OddCti | VII IVIAII | -ECI | DAT | ti |

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

RECEIVED

NOV15 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

INSTRUCTIONS

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should be listed on this form, see item 35.

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Consult local State

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| SHOW ALL IMP | ORTANT ZONES OF P | OROSITY AND CONTER | SHIPWA ALL MEDICATE ZONES OF FOROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEFTH INTERVAL TESTED, CUSHION USED, TIME TOOL OFEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES | 38. GEOLOG | GEOLOGIC MARKERS | |
|---------------|-------------------|--------------------|---|------------|------------------|------------------|
| FORMATION | 101 | BOTTOM | DESCRIPTION, CONTENTS, ETC. | ****** | TOP | |
| | | | | NAME | MEAS. DEPTH TRUE | TRUE VERT. DEPTH |
| | | | | | | |
| Metex | 27061 | | | | | |
| Upper Premier | 2788' | | | | | |
| Lower Premier | 2890' | | | | | |
| San Andres | 2912' | | | | | |
| Lovington | 3024' | | | | | |
| | | | | | | |
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