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SUBMIT IN DUPLE THE

Form approved. Budget Bureau No. 42-R855.5.

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(S) jer instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
NM-36409

16

| | | | · · · · · | · · · · · · · · · | | | | 1111 304 | 0 9 |
|---|---------------------|---------------------------------------|----------------|-------------------|--------------------------------|---------------------------------------|-----------------|-------------------------|-------------------------|
| WELL CO | MPLETION | OR REC | OMPLE | TION | REPORT | AND LC |)G * | 6. IF INDIAN, A | LLOTTEE OR TRIBE NAME |
| 1a. TYPE OF WE | LL: OH. | LL GAS | , [X] | DRY [| Other | | | 7. UNIT AGREEM | ENT NAME |
| b. TYPE OF COM | MPLETION: | | | | other | | | | |
| WELL X | OVER DEI | EP- DACE | | ESVR. | Other | | | 8. FARM OR LEA | SE NAME |
| 2. NAME OF OPERA | | | | | | | | McClella | an MB Federal |
| | roleum Corp | oration | <u>/</u> | | 10. | | | 9. WELL NO. | |
| 3. ADDRESS OF OPI | | | | | | | | | 2 |
| 207 South 4th St., Artesia, NM 88210 4. LOCATION OF WELL (Report location clearly and in accordance | | | | | any State requirements) | | | 1 | POOL, OR WILDCAT |
| At surface 1980' FSL & 660' FEL | | | | | | | | | I., OR BLOCK AND SURVEY |
| | iterval reported be | | , | | 4 ¹ = ; | 4. | | OR AREA | a., or block and solve! |
| At total depth | | | | | | | | Unit I, Se | ec. 31-T5S-R25 |
| | | | 14. | PERMIT NO | | DATE ISSUED | | 12. COUNTY OB PARISH | 18. STATE |
| 5. DATE SPUDDED | | | | | | ··· | | Chaves | NM |
| 12-22-80 | 16. DATE T.D. E | | | (Ready t | o prod.) 18 | | | ,,, | 9. BLEV, CASINGREAD |
| 0. TOTAL DEPTH, MD | 1-6-81 | G, BACK T.D., MD | | 30-81 | TIPLE COMPL. | | 08.1' | ROTARY TOOLS | |
| 4400' | | 4029' | - 110 | HOW A | IANY | | ILLED BY | 0-4400' | CABLE TOOLS |
| | ERVAL(8), OF THIS | | TOP. BOTTO | M. NAME (| MD AND TVD)* | | > | 1 0-4400 | 25. WAS DIRECTIONAL |
| | | | · | • | • | | | | SURVEY MADE |
| 3815- | 3883' Abo | | | | | | | | No |
| 8. TYPE ELECTRIC CNL/FDC | AND OTHER LOGS | RUN | | | | | | 27. | NO NO |
| | | C | SING RE | CORD (Res | ort all strings | set in spell) | | | |
| CASING SIZE | WEIGHT, LB./ | | SET (MD) | | LE SIZE | | MENTING | RECORD | AMOUNT PULLED |
| 13-3/8" | 54.50 | # 390 |) ' | 17 | -1/2" | | 450 | | |
| 5-1/2" | 14# | 404 | 5' | 7- | 778" | | 225 | | |
| | | | | | | | | | |
| 9. | - ! | LINER RECOR | RD. | | | 30. | | TUBING RECORD | |
| SIZE | TOP (MD) | BOTTOM (MD) | | CEMENT* | SCREEN (MI | | | DEPTH SET (MD) | |
| | | | | | | 2-3 | | 3918' | PACKER SET (MD) |
| | | | | | | - | - | 3710 | <u> </u> |
| . PERFORATION RE | COBD (Interval, st | ee and number |) | | 82. | ACID, SHO | T, FRACT | TURE, CEMENT SO | QUEEZE, ETC. |
| | | | | | DEPTH INT | ERVAL (MD) | 43 | OUNT AND KIND OF | F MATERIAL USED |
| | w/4 .32" h | | pf) | | 3937-40 | າ' | w/50 | 0 g.7⅓% aci | d & nitrogen |
| 3815-3883 | w/12 .32" | holes | | | 3815-8 | | $\sqrt{w/20}$ | 00 g. 7½% a | cid & nitroger |
| | | | and the second | | 3815-39 | 940' | SF W | | el 2% KCL wtr |
| 3.• | | | | DDC1 | DUCTION | | 1000 | 0 g. CO2. R | A sd. 90000# s |
| TE FIRST PRODUCT | TION PRODU | CTION METHOD | (Flowing, | | | and type of pu | (mn) | 1 WHIT STAT | rus (Producing or |
| 1-30-81 | | CF1owi | | | 7 4 5 7 9 | | | shut-in) SIWO | , |
| TE OF TEST | HOURS TESTED | CHOKE SIZ | PRO | D'N. FOR | OILBBL. | GASN | icr. | WATER-BBL. | GAS-OIL BATIO |
| 1-30-81 | 6 | 1/2" | TES. | r PERIOD | _ | 37 | 72 | _ | _ |
| OW. TUBING PRESS. | CASING PRESSUR | E CALCULATE 24-HOUR R | D OIL- | ВВС | | | ATER- | -BBL. OIL | GRAVITY-API (CORE.) |
| 225 | Packer | > | • | AC | CEPTED FO | RECORD | - | | _ |
| | SAB (Sold, used for | | - | 1 | | P | | TEST WITNESSED | 1.1 |
| LIST OF ATTACH | Vented - wi | ll be sol | d | | 550 4 4 | 1001 | | Bill Hans | en 📝 🐧 |
| | | w | | 1- | 1.50 1 1 | 1301 | ١. ا | | 13 13 |
| DE J. I hereby certify | that the foregoin | I VEY | informati | on to his- | MINI ANIA | A local billion | | all available recor | |
| 4 | | arrached | vamati | U.Sp | CANCII VILI | ₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩ | ued from | an available recor | ds 🔾 |
| SIGNED (| Cult - | · · · · · · · · · · · · · · · · · · · | т | TILE E | SWELL, NEV agineerin | ig Secret | ary | DATE | Feb. 10, 1981 |
| | 4 | | | | | | | | |

ACCEPTED FOR RECORD

FEB 1 1 1981

US. GEOLOGICAL SUPPLEY ROSVILL REVERMENCO

RECEIVED

FEB 1 9 1981

HINDITA PRIVATION 197

INSTRUCTIONS

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 this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation is a few samples of the completions. All attachments are the few samples and regulations. All attachments

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. should be listed on this form, see item 35.

or Federal office for specific instructions.

Item 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.

Items 27 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,

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 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 IMPOR | TESTED, CUSHION | USED, TIME TOOL OF | 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. GEOLOG | GEOLOGIC MARKERS | |
|----------------|-----------------|--------------------|--|------------------------|------------------|------------------|
| FORMATION | 707 | воттом | DESCRIPTION, CONTENTS, ETC. | | TOP | P |
| | | | | NAME | MEAS. DEPTH | TRUE VERT, DEPTH |
| | | | | San Andres Glorieta | 800 1600 | |
| | | | | ADO | 3650 | · |
| | | | | | | |
| | | | | | | |
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| | | - | | | | |

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LaRue Drilling Co., Inc.

PHONE: 505-746-4405

P. O. BOX 202

ARTESIA, NEW MEXICO 88210

January 9, 1981

RECEIVED

JAN 13 1981

Yates Petroleum Corporation 207 South Fourth Artesia, New Mexico 88210

O. C. D. ARTESIA, OFFICE

FEB 1 0 1981

Re: McClellan "MB" Federal #2 1980' FSL & 660' FEL Section 31, T-5-S, R-25-E Chaves, County, New Mexico

Gentlemen:

The following is a Deviation Survey of the above captioned well:

| Depth | Deviation |
|---------------|-----------|
| 474 ' | 1/4 0 |
| 1098' | 1/4 0 |
| 1598' | 1/4 0 |
| 2130' | 1/4 0 |
| 2631' | 1/4 0 |
| 3103 ' | 1/2 0 |
| 3603 ' | 1/2 0 |
| 4164' | 1/2 9 |
| 4400 ' | 3/4 0 |

Very truly yours,

B. N. Muncy, Jr.

Secretary

STATE OF NEW MEXICO

COUNTY OF EDDY

The following was acknowledged before me this 9th day of January, 1981.

OFFICIAL SEAL

Signature: Susy & CLARK

SUSY & CLARK

NOTARY PUBLIC - NEW MEXICO

NOTARY BOND FILED WITH SECRETARY OF STATE

My Commission Expires

LIGHT BY