U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

1963 CU. 23 MUNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

| LO | CATE WE | LL CORRECTL | .Y | | | ~~~ | JAO | VV Ii | L. | |
|---|--------------------|--|--|---|---|-------------------------|------------------------|---|-----------------|--|
| - | • | on Oil Com | | | 21ddi | ess 619 West Tex | | | | |
| | | So. Capro | | | | Caprock Queen | Stat | e Nev | Mexico | |
| Well N | Vo 9-17 | Sec. 17_ | T. 15-SI | R. 31B Mer | idian IMPN | Co | ounty | haves | | |
| Locati | on 2310 | ft. \big \cdot | S Line a | and 1300 ft. | $\left\{ egin{array}{c} oldsymbol{\mathbb{Z}} \\ oldsymbol{\mathbb{W}} \end{array} \right\} 	ext{ of } oldsymbol{\mathbb{Z}}$ | Line of Section | an 17 | Elev | ation 4437' | |
| \mathbf{T} | he inforn | nation given e determined | herewith i | s a complet | te and corre | ct record of the | well and a | ıll work | done thereon | |
| | as call b | dottimmed | nom an a | Si ₂ | gnede | .7d. D | w. | • | | |
| | | 19, 1963 | | | | | duction | Clerk | | |
| | | | | | | ll at above date. | | | | |
| Comm | enced dr | illing July | } | , 19 | .63. Finish | hed drilling | ly 8, | | , 19 .63 | |
| | | | O | | S SANDS (enote gas by G | | | | | |
| No. 1, | from | 31 4 8 | to 31 | | | , from | f | :n | | |
| No. 2, | from | | to | | No. 5 | , from | t | 0 | | |
| No. 3, | from | | to | | No. 6 | , from | t | 0 | | |
| | ing in | English State of the State of t | * 19 19 19 19 19 19 19 19 19 19 19 19 19 | IMPORTA | NT WATER | R SANDS | , 52 g - 5 65\$ | - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | |
| No. 1, | from | | to | | No. 3 | , from | t | 0 | | |
| No. 2, | from | | to | | No. 4 | , from | t | 0 | | |
| | | T | | CASI | NG RECO | RD | j | | | |
| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perfo From- | rated To- | Purpose | |
| -5/8" | - 24 | 630 | -CF&I | 905 • 52 | Pleis | នេះ , | _ ! | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Shrifteen. | |
| -1/K | 9-34 | | Gu. | -3195-37 | - Outdo | A CONTRACTOR | 3152 | 3160 | Injection | |
| | | | 1.00 | | | 4 1 | | | | |
| | | | | | | | - | - | | |
| | | , | MUDI | DING AND | CEMENT | NG RECORD | | | | |
| Size casing | Where s | et Numi | ber sacks of ce | ment | Method used | Mud gravity | A | mount of m | ud used | |
| -5/8" | | • | 175 | | D & D | | | | | |
| 1/2" | 316.9 3205.1 | 7 | 300 | | P-&P | | | | | |
| | | | | | | | | | | |
| Size | | | Explosive u | | | ate Depth shot | | Depth clean | | |
| Rotary | tools we | re used from . | <u> </u> | feet to | 3205 | feet, and from | | feet to _ | feet | |
| | | | | | | feet, and from | | | | |
| | | | 10 | | DATES | Injection production | mlw 19 | | 62 | |
| | | | • | | | els of fluid of whi | | | • | |
| | | water; and | | | Daile | Gravity, °B | | | · • | |
| | | | | | Gallons | gasoline per 1,00 | | | | |
| | | re, lbs. per s | | | | B Por 2,00 | o ou. 10. (| 71 gas | | |
| | | | | | PLOYEES | | | | | |
| | | | , | | | | | | • | |
| | | | , | | | | | | , Driller | |
| FRO | M- | то- | то | TAL FEET | FION RECO | | FARTON. | ··· | | |
| | | | | TAL PERI | | FOR | MATION | | | |
| 0' 357' 1353' 1433' 2353' 3148' 3168' | | 357' 1353' 1433' 2353' 3146' 3168' 3205' | # Hog | 357' 996' 80' 920' 795' 20' 37' | Caliche, Sand & shale Red beds & sand Anhydrite Salt & anhydrite Sand, anhydrite & salt Sand Anhydrite & sand | | | | | |
| GEOLO | SIC TOP | s prom I-r | S LOG | | | | | | | |
| Red b | | 357 ' 1353' | | | | | | | | |
| Salad | o salt | 1433' | | | | | | | | |
| Yates Queen | - 1 | 2353 ' 3148' | | | | | | | | |
| | | _ | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

FORMATION RECORD—Continued

| FROM- | то- | TOTAL FEET | FORMATION |
|--|--|--|--|
| | | | |
| | | | |
| | : | | |
| | | | |
| | | | |
| | | | |
| e de la companya de l | · · · · · · · · · · · · · · · · · · · | 1 | |
| | | 1 | |
| to the second | | ļ ! . | |
| | | | |
| | | | |
| | | | |
| t | 1 | | |
| ; | | Ø- , 4 | |
| : | c | de de la constant de | Contract of the second of the |
| à | 1 * | | |
| * | | | |
| |) | • | |
| | The state of the s | | |
| | | | The state of the s |
| % © 1 1 m | #4755 | (1) (1) (1) (1) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4 | 新設を含むしません。 - Property Communication Commu |
| | ! | FIRMANA | IOH RECOUP |
| | · · · · · · · · · · · · · · · · · · · | from the first | The second secon |
| | | - m m (\$1.45) | and the second s |
| | | EV: | TEAN TEN |
| Mork an | person per burnet | | |
| To See the | HI OR HI BOR TENE | enge of the control of | Continue growth that a real continue for the growth |
| | ्रिक अव्यक्ति वस्तु वस्त | 1 | Complete Representation of the |
| | 1 | | The state of the s |
| | | - F | the second secon |
| | | | Entre productive and the second secon |
| | | | MALES |
| | | 1 | and the state of the contract of the state o |
| सील्यम् अस्ति | ន១០០ mag ខ្លួនបររ 🐃 | | The second of th |
| | | 5 | La vere |
| | | | |
| | | | |
| | | | |
| Alter III. Alter Alter III. | 学 (2011年 日本) 1 | Service of the servic | era (1905) garge geologies per seelika erake erake Erake geologies erake erak |
| | | 48 BTL 1 28 148 | FRANCE BY JACK SAMEN SAME |
| | P[0] | | |
| ្នាក់ បែកអេចដែលក្រប់ | e protection of the contraction of | | |
| - | | | *** ****** |
| | | 1 | |
| | of the second se | i | and the same of th |
| - | . 54 | | and the second s |
| : | | And the second | have a great the state of the s |
| | # 12 Fig. 57 | randigen in the Britania Signature (Signature) | Appearance of the second of th |
| | | MALDER 1878 | COMEN DIAS A STORO |
| | | 4-4 | International Control of the State of the S |

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

| | | | | 1 | | | | | Was I | |
|----------------|-----------------|-------|------------------------|-----------|---------------|---------------------------|-------------|-------------|---------------------|--|
| 1 | يەرىق ئىدىقى | | gariti Solutije lau | 2₹ ₹1 | 2.8 6.95 F. 4 | 등 \$46 역 #\$2 구 ; * 1 · · | e.*:₽™+ †\$ | maind storm | in the second | |
| | | | | | | | | | 2 2 E2 1 2 | |
| CORE | #1: | 3144. | .741. | Recovered | 21 Crey | DIACK I | and and | i 7° shal | ey anhydrite | |
| 2007 | Join 4 | with | red se | nd streek | 8. | ₩ 0 13 | 11 OEF | | rikan geli aan a sa | |
| ng W. T | from. | | | | <u>.</u> | 70 × 1 | t (e.st | | received by | |
| Acid | ized p | erfs. | 3152- | 60' with | you gals: | reg. a | aa vari | ine a l9 | T additives | |
| 7.8 t 3 | 1600-2 | 000# | at 4.5 | bhla-/mi | D* | $N_{\Omega_{i}}$: | ्राह्म | | | |
| jęs J | ga at | | | . 60 | | Warr | ្រំប្រជា | | | |
| | | | | | | | | | | |

 $-\int \{f_{i}(\mathbf{p}) \mathbf{n} \mathbf{n}_{i} - f_{i}(\mathbf{n}) \mathbf{n}_{i} + f_{i}(\mathbf{n}) \} = \int_{\mathbb{R}^{N}} f_{i}(\mathbf{p}) \mathbf{n}_{i} + f_{i}(\mathbf{n}) \mathbf{n}_{i} + f_{i}$

ORION COR CAMPO DE AUXOR -Common seed defiling along the common terms of the first the ting and the common terms of the common terms of

The area of V is taking property for the equation of the w(V) in $A \in \mathbf{d}_{W^{(2)}}$.

 $\mathcal{X}(\overline{\mathbf{b}},\mathbf{c}) = \mathbb{E}[\mathbf{c},\mathbf{c}] = \mathbb{E}[\mathbf{c},\mathbf{c}] = \mathbb{E}[\mathbf{c},\mathbf{c}] = \mathbb{E}[\mathbf{c},\mathbf{c}]$ The property of the property o

2000年1月27日,新聞自由 1900年1月21日,李謇等成立,并以前四十月2日,张明的一个, ELONG EN LONG EN THIS WELLE DE LA DE LA COMPANION DE LA COMPAN en en engenom de la segui, gromor de mark en ellette en en demon en ellette forme de la combination de

TOUR DE DE OBUSE AMOUNT

16-43094-2

with an experience of the second seco CHARACT CUCAL CURVEY DANS APPLICATION THE INTERIOR

> $\overline{T}_{\rm CNM} \approx 0.5$, with the model of the part $_{\rm CNM} \approx 0.00$ $\langle \pi^{*}, \tau_{1}^{*}, \tau_{2}^{*} \rangle \simeq C (L_{2}^{2}, A^{-1})^{2}$ To the state of th

 $\frac{1}{N}\frac{d^{2}}{d^{2}} \left(\frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) \right)}{2N} \right) = \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right)}{2N} \right) = \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \right) \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \right) + \frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \left(\frac{1}{N} \left($