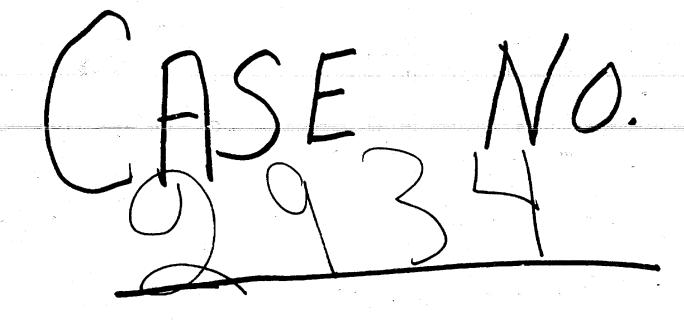
STATES GAS PROD. CO. for unorthodox location for Aingworth Well No. 1.



APPlication,
Transcripts,
SMAIL Exhibits
Etc.

DOCKET: REGULAR HEARING - WEDNESDAY NOVEMBER 13, 1963
OIL CONSERVATION COMMISSION - 9 A.M., MORGAN HALL, STATE LAND OFFICE BUILDING,
SANTA FE, NEW MEXICO

ALLOWABLE: (1) Consideration of the oil allowable for December, 1963.

(2) Consideration of the allowable production of gas for December, 1963, for ten prorated pools in Lea and Eddy Counties, New Mexico, and also presentation of purchaser's nominations for the six-month period beginning January 1, 1964 for that area. Consideration of the allowable production of gas for nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico for December, 1963.

CASE 2935:

Application of Humble Oil & Refining Company for the creation of a new pool, for special pool rules, and for interference tests, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Gallup production comprising all of Sections 7 and 18, Township 28 North, Range 14 West; all of Sections 10 through 13, and N/2 and SE/4 of Section 14, Township 28 North, Range 15 West; all of Sections 7 and 8, SW/4 of Section 15, all of Sections 16 through 22, SW/4 of Section 23, SW/4 of Section 25, all of Sections 26 through 30, N/2 and SE/4 of Section 32, and all of Sections 33 through 36, Township 29 North, Range 15 West; all of Sections 11 through 14 and all of Section 24, Township 29 North, Range 16 West. Applicant also seeks the promulgation of special rules for said pool to include provisions for temporary 160-acre proration units and for well locations no nearer than 660 feet to the outer boundary of said units. Applicant further seeks authority to conduct interference tests during said temporary one-year period and to transfer allowables among wells on the same basic lease.

CASE 2936:

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of a new pool in Lea County, New Mexico, the abolishment of a certain existing pool in Lea County, New Mexico, and the extension of the vertical and horizontal limits of certain existing pools in Eddy and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions of vertical and horizontal limits should not be made.

(a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the North Bell Lake-Bone Springs Pool, and described as:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM SECTION 18: SW/4

(b) ABOLISH the West Crossroads-San Andres Pool in Lea County, New Mexico, described as:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM SECTION 20: E/2 SECTION 21: SW/4

CASE 2936 continued from page 1

- (c) EXTEND the Jenkins-San Andres Pool in Lea County, New Mexico to include the above described acreage formerly included in the West Crossroads-San Andres Pool.
- (d) EXTEND the Blinebry Oil Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NHPM SECTION 32: SE/4

(e) EXTEND the Double A-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NAPM SECTION 20: S/2 NW/4

(f) EXTEND the Flying "M" - Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM SECTION 21: E/2-E/2-SECTION 22: W/2 NW/4 and S/2

(g) EXTEND the North Justis-Tubb Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 FAST, NMPM SECTION 34: E/2 SE/4

(h) EXTEND the Monument-Tubb Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 15: NE/4

(i) EXTEND the Wilson Yates-Seven Rivers Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM SECTION 25: W/2 NW/4

(j) EXTEND the vertical limits of the Red Lake(Grayburg-San Andres) Pool in Eddy County to include the Queen formation underlying Unit G of Section 9 only, in Township 17 South, Range 28 East. Further to extend the horizontal limits of said pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM SECTION 9: SW/4 NE/4

(4x 2434

LAW OFFICES HERVEY, DOW & HINKLE

HINKLE BUILDING

ROSWELL, NEW MEXICO

October 21, 1963

MAIN OFFICE OCC

1953 00TAR 2300EBHS 1 : 38

New Mexico Oil Conservation Commission P. O. Box 871 Santa Fe, New Mexico

Gentlemen:

HCB:jw

J. M. HERVEY 1874-1953

SHRAD E-COFFIELS AROLD L. HENSLEY, ICHAEL R. WALLER

Coastal States Gas Producing Company recently re-entered a previously abandoned well located within one mile of the limits of the Flying "M" Abo Pool recently established by your Order No. R-2576, and the re-entry resulted in establishing the analysis of the state lishing Abo production. However, the well is off of the pattern established by the above order. Therefore, we request that the matter be set down for hearing as follows:

- That an exception be granted to Coastal States Gas Producing Company's No. 1 Ainsworth Well located in the Swa Sea of Section 22. T. 9 S, R. 33 E, N.M.P.M., from the requirement of Rule No. 4 of Order No. R. 2576.
- 2. That the Flying "M" Abo oil pool be extended to embrace Section 22, T. 9 S., R. 33 E., N.M.P.M., Lea County.
- That the above described well be granted an 80 acre allowable as soon as forms C-128 and C-116 are filed with the Oil Conservation Commission.

I would assume that the advertisement would read that the application is for the extension of the Flying "M" Abo
Oil Pool, and for an exception to the location requirements insofar as they apply to the above well. If there is any-thing further you need in connection with this matter please let us hear from you. We would like to have this case set for hearing at the first Examiner Docket in November, which we understand is to be on November 6th. Thank you for your attention to this application.

Very truly yours,

HERVEY, DOW & HINKLE

Howard C. Bratton

DOGKET MAHED

EXHIBITS FOR CASE NO. 2934

COASTAL STATES GAS PRODUCING COMPANY

FLYING "M" ABO OIL POOL

LEA COUNTY, NEW MEXICO

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO.
CASE NO.

EXHIBITS FOR CASE NO. 2934

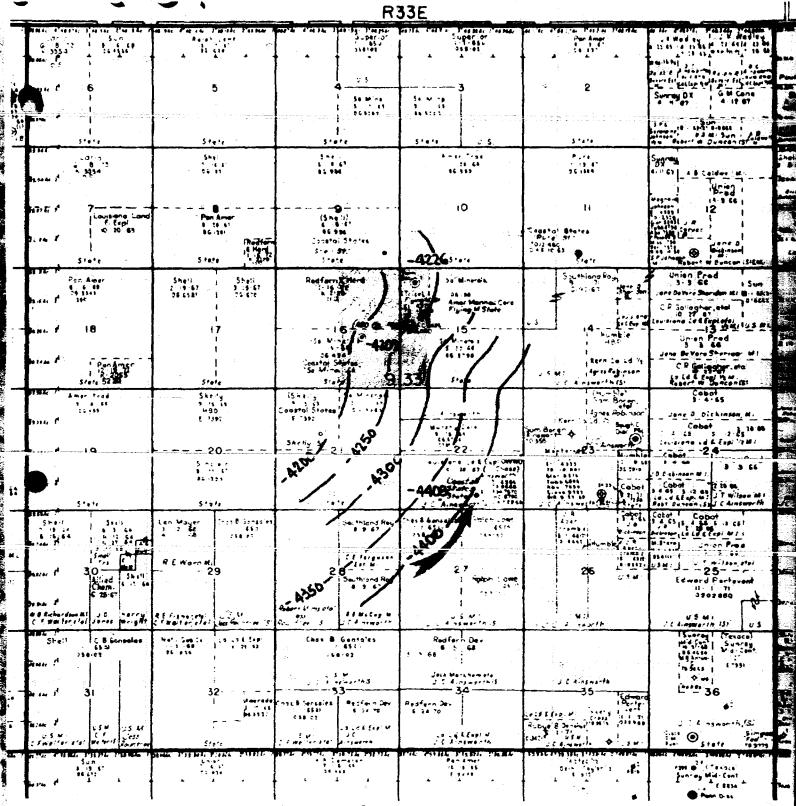
COASTAL STATES GAS PRODUCING COMPANY'S

APPLICATION FOR APPROVAL

OF AN UNORTHODOX LOCATION FOR ITS

AINSWORTH WELL NO. 1

TOWNSHIP 9 SOUTH RANGE 33 EAST
FLYING "M" ABO OIL POOL
LEA COUNTY, NEW MEXICO



Coastal States Gas C. Suton, Jed.

FLYING "M" ABO OIL POOL Structure: T/"Ainsworth' Contour Interval = 50' October, 1963

AINSWORTH NO. 1 - WELL SUMMARY (RE-ENTRY)

| 1063 | 1 |
|--------------|---|
| ユブ マ: | , |

Sept. 30:

TD = 1281'. Washing down.
Washing out redbeds at 1281' w/ 9-7/8" bit.
Cost to date: \$5310.39

Oct la

TD = 1368'. Reaming. MV = 8.9, Vis = 48, WL = 12.2, Oil = 6%.

Now bringing water loss down and increasing Vis. until redbed stops falling in. Yesterday washed down to1389' Redbed fell in on us. pulled out of hole. Washing back. Total cost = \$7358.23

Mud Cost = \$617.46

Oct. 2:

Nippling up. Prep to pick up $3\frac{1}{2}$ " DP and 6-3/4" bit. Yesterday reamed to top of 7-5/8" csg with 9-7/8" bit. (top of 7-5/8" csg by old measurements was @ 1488, and by new measurements @ 1482') Pulled out of holw w/ 9-7/8" bit, picked up 6-3/4" bit, and 1 crooked it of DP. Ran in drlgd cmt to top of csg. Cmt kicked bit into open hole. Drlgd 18' outside. Pulled out of hole w/ 6-3/4" bit. Ran Muleshoe w/ 6-3/4" Reamer run to 1675'. Pulled up to 1400' w/ reamer Went back in to 1670' didn't touch a thing. Laid down $4\frac{1}{2}$ " DP and DC. Total cost: \$9211.21.

Oct. 3:

TD - 5635'. Washing down old hole w/ 6-3/4" bit #2 Yesterday finished nippling up and picked up $3\frac{1}{2}$ " DP and 6-3/4" bit. Had some trouble getting into csg @ 1482'. Found second cmt plug @ 3202' - 3388'. Had some junk on top of plug.

) Oct. 4:

TD - 9537'. NN - 9.2, Vis - 70, WL - 13, Oil - 9%. Now making short trip. Pulled up to 3800'. Now going back in hole.

Yesterday pushed into 9200'. Found 3rd cmt plug @ 9200'. Cmt from 9200 to 9537'.

Oct. 5:

TD = 9663', MW = 9.2, Vis = 58, WL = 12. Now laying down drill pipe. Yesterday made a trip w/ bit #3 to 9537'. Washed down to btm 9663'. Total Cost to date: \$14,698.16.

Oct. 6:

TD - 9663, lime.

Ran and cmtd 305 jts and 1 pc (9648.38') 4½", 11.60# and 10.50#, N-80 & J-55, ST&C, IT&C, 8rd, New smls csg @ 9661.47' w/ 350 sks incore (class c) cmt. w/ 2% Gel & 0.9% TIC. Obtained Turbulant flow w/ plug down @ 6:30 p.m. WOC. Released pressure after 6 hours. cut off nippled up - tested csg.

Oct. 7:

WOC.

Oct. 8:

Runing Gamma Ray Neutron and Cement Bond logs.

Prep to perf 8762' - 70' w/ 2 jet shots per foot.

Oct. 9:

Ran Gamma Ray Neutron and Cmt Bond Logs. Cmt good thru Pay Zone. Ran and landed 281 jts 2-3/8" Tog @ 8780' w/ KVI-30 Pkr @ 8711.30'. SN @ 8709'. Cir hole w/ oil.

Acidized perfs 3762 - 8780' w/ 500 gals Mud Acid 15%. Formation broke 5000 - 4400# @ 1.7 BPM. ISIP - 4000, 20" SIP - 2000#. Opened well up on 1" Choke. Flowed 5 bbls load and died. Total load - 52 bbls. Swabbed 45 bbls load oil and acid water. Tog dry - no gas show. Prep to acidize w/ 6,000 gals of FLAX-2 w/ M-38 this a.m.

1963

Oct. 10:

Swabbed 40 bbls oil of 46 bbls load. Small amount of gas and oil (100' on swab) Acidized w/6,000 gals FLAX-2 @ 7000# @ 5.5 bpm.

ISIP = 4900#, 15 min SIP = 3200#, SI (30") 800#.

Flowed 22 bbls oil in one hour and died. Pulled swab 1 time and started flowing. Flowed 75 bbls acid water and 227 bbls oil in 11 hours - on 38/64" choke, FTP = 120#, GOR = 980. POTENTIAL Prep to shut in for building of tank battery.

| HUMBER OF COP | ES RECEIVED OSTRIBUTION | | | | Ø.". | Form | |
|---|-----------------------------|--|--|--|--|--|--|
| SAKTA PE PILE | | NEV | MEXICO OIL CO | NSERVATION | COMMISSION | Revised | 1 12/ |
| LAND OFFICE | | | Santa F | e, New Mexico | . 4 | Oct | |
| TRANSPORTER | GOL GAS | | | | | | |
| PROPATION OFF | | | NOTICE OF IN | TENTION TO | O DRILL SEP 3 | 1 7 20 M 200 | ، جو |
| OPERATOR | | | strict Office of the Oil (| The second second second | t i de la | . I wanted |) ~ |
| recomple b e retur n instructi | tion begins led to the s | . If changes in the ender. Submit this sand Regulations of | proposed plan are cons notice in QUINTUPLIC of the Commission. If S | idered advisable, ATE. One copy wi | a copy of this notice il be returned follow of Copies. Attach Fo | showing such chaing approval. See a cm C-128 in triplication | nges addit |
| | | Abilene, 1 | rexas | en de la companya de La companya de la companya de | September | r 26, 1963 | ٠. |
| ANTA D | FE, NEW M en: | 1 20 1 | · | on on the Paillian | (Date) | | |
| | ou are nere | Coasta | is our intention to comm | | wbanh e | #S | |
| | Ainewor | | (Compan | y or Operator), Well No | 1 , in | OTh | e we |
| المفعمم | 1980 | (Lease) feet from the | Eas | it j | time seed | (Uait) 680 | |
| ocated_ | Sout | :h | line of Section | 22 T | line and 9-5 | 33-E | t from PM. |
| CIVE I | OCATION I | FROM SECTION LI | Tandaadaw | 200 | ool. Lea | | |
| GIVE | OCATION | | | | 12_74 | 31 | C |
| | | _ | If State Land the Oi | | s No. | | <u>-</u> |
| D | C | BA | If patented land the Address | owner is | | | |
| | | | | mall mith deillian | equipment as follows | . Retary | |
| _E | F | G H | we propose to urm | Mett Attit Girting | eduthment as torrows | | |
| | | | The status of plugg | ing bond is | Filed | | |
| | | | | NOD | le Drilling C | Company & | |
| L | K | JI | Drilling Centractor_ | | land, Texas | | |
| | | | | | Land, Leves | | |
| M. | N. | x I P | | | Bougi | - WAR | |
| | | | We intend to comple | | 9700 | | |
| | <u> </u> | | formation at an appr | oximate depth of_ | | | |
| We pr | onose to us | e the following strin | CASING and to center of Casing and to center of Casing and to center of the Casing and the Casin | PROGRAM ment them as indic | ated: | | |
| | of Hole | Size of Casing | Weight per Foot | New or Second Ho | | Sacks Co | ment |
| 15 | | 10-3/4" | 32.75 | New | 2661 | 250 | |
| 9- | 7/6" | 7-5/3" | 26.44 | New | 4150' | 775 | |
| | 11/1/ | 1/5 | 9.5111.6 | March | 91.1.2 | 3.10 | <u>, </u> |
| | / | + | | | | | |
| If cha | nges in the | above plans become | e advisable we will not | ify you immediately | | | |
| | - | | completion give full det | 3 | | | |
| NO | | | ntion to Drill | | | | |
| | | | #1 Ainsworth. | | | • | |
| | | | er, set 4-3" c | sa. cat. per | forate, test | and produc | a. |
| | | | | | | Panerale | • |
| pproved | | | 19 | Sincerely you | | | |
| xcept a | s follows: | | | COASTAL S | STATES GAS PR | | PAL |
| | | | • | | (Company of Or | erator) | |
| | | | | n 11/44 | | _ | |

OIL CONSERVATION COMMISSION

Production Superintendent

Send Communications regarding well to
Name Coastal States Gas Producing Co.

P. O. Box 385, Abilene, Texas

| | C-2C2) |
|----------|--------|
| | |
| (Remine) | |
| | |

| NUMBER OF COPIES RECEIVED | | | | | (Form C |
|--|--------------------------------|---|---------------------------|--|--------------|
| DISTRIBUTION | | | | • | (Revised 7/1 |
| BANTA PF | | | | | |
| U.1.0.1 | NEW | MEXICO OIL CONSERVAT | Mon co | MMISSION | |
| LAND OFFICE | | Comes To Blass Blass | | | |
| THAMPOOTEN OIL | | Santa Fe, New Mo | 21 0 0 | The second secon | |
| AAA Lamananan | | | | | |
| PROBATION OFFICE OPERATOR | | MISCELLANEOUS | NOTIO | CES | |
| returned to the sender on wh | nich will be gived. The plan a | en the approval, with any modificat approved should be followed, and | ions consid work shoul | fore the work specified is to begin, ered advisable, or the rejection by the not begin until approval is obtained. | he Commis |
| Notice of Intention to Change Plans | | Notice of Intention to Temporabily Abandon Well | | Notice of Intention to Daill Deeper | |
| Notice of Intention to Pluo Well | | Notice of Intention to Pluo Back | | Notice of Intention to Set I incr | |
| Notice of Intention to Squeeze | | Notice of Intention to Acidize | × | Notice of Intention to Shoot (Nitro) | |
| Notice of Intention to Gun Perforate | x | Notice of Intention (Other) | | Notice of Intention (Отиев) | |
| OIL CONSERVATION COI SANTA FE, NEW MEXICO | | Abilene, | Texas | 10-15-6: | 3 |
| Gentlemen: | • | (100) | | (22) | 12 |
| Todowing is a Notice of | intention to do | certain work as described below at | the | Coastal States Gas | *********** |
| Producing Comp | oany | Ainswort | h | Well No. 1 in | 0 |
| SW 1/4 SE 1/4 (Com | of Sec. 22 |) Epaso T 9-S R -33-1 | E ,NMPM. | Undesignated | (Unit) F |

FULL DETAILS OF PROPOSED PLAN OF WORK (FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Prep to perforate 8762 - 80' with 2 jet shots/ft, and acidize with 500 g als 15% mud acid followed by 6000 gals FLAX-2.

| Approved | COASTAL STATES GAS PRODUCING COMPANY Company or Operator By |
|--------------------------------------|---|
| Approved OIL CONSERVATION COMMISSION | Position Production Superintendent Send Communications regarding well to: |
| Ву | Name Coastal States Gas Producing Co. |
| Title | Addr: P. O. Box 385, Abilene, Texas |

| NUMBER OF COM | the decrives | ^ | | | | | | | | |
|-------------------------------------|----------------------------|----------------|---------------------------------------|------------------|---|--|---|----------------------------|------------|-----------------------------|
| | | | | | | | | | | . 15- |
| PILE | | | N | EW MEX | CO OIL C | NSER | HOLTAN | OMMISSI | ON | FORM C-103 |
| U.B.S.3. | | | | | | V114711 | | | Oct 14 | (Rev 3-55) |
| THAN PORTER | OIL | - | | MISCÈI | LLANEOU | SREP | ORTS ON | WELL! | 501 14 | 7 47 AH 163 |
| PROBATION BFF | 164 | | | | | • | | | | · 47 AH 163 |
| -ENATOR | | | (Subm | t to approj | riote Distric | Office | es ser Com | nizzion Ri | ite 1106) | |
| | | | e e e e e e e e e e e e e e e e e e e | | | | | | | |
| Name of Comp Coastal | States | Gas Pr | | | ny Addres | 0. B | ox 385, | Abile | ne, Te | xas |
| Lasenswor | th | | | Well No. | Unit Letter O | Section 22 | Township | 9 - S | Range | 33 - E |
| 10 <u>-7-63</u> | formed | Pool | Unc | lesigna | ted | 1 | County L | ea | | |
| | | _ | THIS IS | A REPORT | OF: (Check | appropria | te bļock) 🤔 | | | |
| Beginnio | g Drilling Ope | rations | Č Ca | sing Test a | ad Cement Job | | Other (E: | plain): | , | |
| Plugging | | | □ Re | nedial Work | | | | | | |
| | | | | | | | | | | |
| Jetailed accor | nt of work do | ae, nature ar | ad quentity | of materials | used, and res | ults obtai | ned. | | | 6 - 4 |
| | | | | | • | | | | | |
| | DB Bumbi | - משבנו ז | Camba | | 0 1060 | | | | • | |
| • | RE-ENTR | DATE! | Septe | mper 3 | 0, 1963 | • | | • | | |
| | | | | | | | | | | |
| | PRODUCT | ION CAS | ING: R | an and | cemente | a 305 | jts an | d one | piece | |
| | (9648.38 | 3') 4-½' | ". 11.6 | O#, an | d 10.50# | . N-8 | 0 & J-5 | 5. ST& | 2 & | , |
| | | | | | @ 9661. | | | | | |
| | | | | | w/ 2% ge | | | | | |
| | | | | | | | | | | |
| | | | | | :30 p.m. | | | | | |
| | rested (| esg to . | TOOO# - | uera (| 0. K. C | ement | ea by D | OMG T.T. | | |
| | | | | | : | | | | | |
| Witnessed by | Bill Jon | ics | <u> </u> | Position TOOL | Pusher | | Coástal | States | Gas 1 | Producing |
| | | FIL | LL IN BEL | | EMEDIAL W | | PORTS ON | LY | | Company |
| <u> </u> | · | <u> </u> | | ORIG | INAL WELL D | ATA | - 1 1 Jan | | | |
| F Elev. | | T D | | | | | | | | |
| ubing Diamet | er | Tubing | | PBTI | | | Producing I | nterval | Comp | oletion Date |
| | | | g Depth | PBTI |) | ig Diamet | <u> </u> | | Comp | oletion Date |
| | | | g Depth | PBTI |) | ig Diamet | <u> </u> | | | oletion Date |
| erforated Inte | | | g Depth | PBTI |) | ig Diamet | <u> </u> | Oil Sea | | oletion Date |
| | rval(s) | | g Depth | РВТІ | Oil Strin | | er | Oil Sea | ing Depth | oletion Date |
| | rval(s) | | g Depth | РВТІ | Oil Strin | ng Diamet | er | Oil Sea | ing Depth | oletion Date |
| | rval(s) | | g Depth | | Oil Strin | ng Format | er | Oil Sea | ing Depth | oletion Date |
| | rval(s) | | | RESUL | Oil Strin | ng Format | er tion(s) | Oil Se | ring Depth | |
| | rval(s) rval Date of | | Production | RESUL Gas I | Oil Strin | OVER Water Pi | er | Oil Se | ring Depth | |
| Test Before | rval(s) | | Production | RESUL Gas I | Oil Strin Producin TS OF WORK | OVER Water Pi | er rion(s) | Oil Se | ring Depth | Gas Well Potential |
| Test Before Workover | rval(s) rval Date of | | Production | RESUL Gas I | Oil Strin Producin TS OF WORK | OVER Water Pi | er rion(s) | Oil Se | ring Depth | Gas Well Potential |
| Test Before Workover After | rval(s) rval Date of | | Production | RESUL Gas I | Oil Strin Producin TS OF WORK | OVER Water Pi | er rion(s) | Oil Se | ring Depth | Gas Well Potential |
| Test Before Workover After | rval(s) rval Date of | | Production | RESUL Gas I | Oil Strin | OVER Water Pr | er tion(s) | GOI See | ring Depth | Gas Well Potential |
| Test Before Workover After | rval(s) rval Date of Test | Oil | Production BPD | RESUL Gas I | Oil Strin Producin TS OF WORK Production CFPD | OVER Water Pr | er roduction PD that the infe | GOI Section GOI Cubic feet | ring Depth | Gas Well Potential MCFPD |
| Test Before Workover After | rval(s) rval Date of Test | | Production BPD | RESUL Gas I | Oil Strin Producin TS OF WORK Production CFPD | OVER Water Pr | er tion(s) | GOI Section GOI Cubic feet | ring Depth | Gas Well Potential MCFPD |
| Test Before Workover After Workover | rval(s) rval Date of Test | Oil | Production BPD | RESUL Gas I | Producin TS OF WORK Production CFPD | OVER Water Pr | er roduction PD that the infe | GOI Section GOI Cubic feet | ring Depth | Gas Well Potential MCFPD |
| Test Before Workover After Workover | rval(s) rval Date of Test | Oil | Production BPD | RESUL Gas I | Oil Strin Producin TS OF WORK Production CFPD | OVER Water Pr | er roduction PD that the infony knowledge | GOI Second Cubic feet | ring Depth | Gas Well Potential MCFPD |
| Before Workover | rval(s) rval Date of Test | Oil | Production BPD | RESUL Gas I | Producin TS OF WORK Production CFPD | OVER Water Property By certify best of a | er roduction PD that the infe | GOI Second Cubic feet | ring Depth | Gas Well Potential |

Production Superintendent

Company Coastal States Gas Producing Company

REQUEST FOR THE EXTENSION OF AN EXISTING POOL

or

THE CREATION OF A NEW POOL

| TO: The Oil Consur State of | vation Commission New Mexico | | Date Octo | ber 15 , 19. 6 |
|--------------------------------|--|--------------------------------|--|-----------------|
| | ************************************** | | | |
| 00-2 | | | | * o . |
| The Coastal S | States Gas Produ | cing Company | Ainswo | |
| | Name of Operator | • | Name of L | case |
| 1 Locate | 1980 feet from | n the East | <u> </u> | ine and 660 fee |
| Well No. | | | · | |
| from the Sou | ith line of | 22 | , 9-s | 22.7 |
| from the | Tillian in the ol | Section | Township | 33-E Range |
| 70 C | 77 | | | |
| | | * | bo (as per Order of Sec 22, T-9S, ty, New Mexico | • |
| or that a new perform | reated to include the folio | wing described area | | |
| | | | | |
| | | ****************************** | ····· | |
| Suggested server | | | | |
| | | | STATES GAS PROD | UCING COMPANY |
| | | | STATES GAS PROD | UCING COMPANY |

| NUMBER OF COPIE | LS ACCEN | 163 | |
|-----------------|----------|-----|--|
| ti i | THIBUTIO |)P4 | |
| DANTA FE | | | |
| FILE | | | |
| U.B. G. P | | | |
| LAND OFFICE | | | |
| | OIL | | |
| TRAMBPORTER | 446 | | |
| PHORATION OFFIC | | | |
| | | | |

Date

NEW MEXICO OIL CONSERVATION COMMISSION FORM C-103 (Rev 3-55) MISCELLANEOUS REPORTS ON WELLS (Submit to appropriate District Office as per Cummission Rul 05704) Name of Company Coastal States Gas Producing Company Address P. O. Box 335, Abilene, Texas Well No. Unit Letter Section 22 Township Range Äinsworth 9-s 33-E Date Work Performed & 9-63 Pool County Undesignated Lea THIS IS A REPORT OF: (Check appropriate block) Beginning Drilling Operations Casing Test and Cement Job Other (Explain): Plugging Remedial Work Detailed account of work done, nature and quantity of materials used, and results obtained. RE-ENTRY DATE: September 30, 1963 Perforated 8762 - 70' w/ 2 jet shots/ft. Acidized perforations with 500 gals 15% mud acid. Position Tool Pusher Witnessed by Company Coastal States Gas Producing Bill Jones Company FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY ORIGINAL WELL DATA D F Elev. TD PBTD Completion Date Producing Interval Tubing Diameter Tubing Depth Oil String Diameter Oil String Depth Perforated Interval(s) Open Hole Interval Producing Formation(s) RESULTS OF WORKOVER Oil Production BPD Date of Test Gas Production MCFPD Water Production BPD GOR Cubic feet/Bbl Gas Well Potential MCFPD Test Before Workover After Workover I hereby certify that the information given above is true and complete to the best of my knowledge. OIL CONSERVATION COMMISSION approved by Name Position निर्वासिक्त स्वासिक्त हर् Production Superintendent

Company

States Gas Producing Company

| incument of core | es decembe | | |
|--|-----------------|----|--|
| ¢11. | etasia yeta ira | | |
| \$45 8 A 1 | | | |
| 716.5 | | | |
| U.S. 6.5 | | | |
| LAND OFFICE | | | |
| TRANSPORTER | OIL | | |
| THAMBORICA | | į. | |
| ************************************** | | | |
| OPCHATON | | | |

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103 (Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

| Lease | | | Yell No. | Unit Letter | | Township | | Rang | |
|---------------------------------------|--|-----------------------|--------------|-----------------|--|--|--|--|--|
| Ainswor Date Work Perform | | Pool | 1 | <u> </u> | 22 | County | 9-s_ | ــــــــــــــــــــــــــــــــــــــ | 33-E |
| 10-10-63 | | • | ndesigna | ated | | | Lea | | |
| | | | A REPORT | | «ppropri | | | | · · · · · · · · · · · · · · · · · · · |
| Beginning D | rilling Operatio | ns Ca | sing Test an | d Cement Job | ranger | Other (| Explain): | | ay an ang mga an ang mga ang m |
| Plugging | | X Re | medial Work | | | | - .7 | | • |
| | of work done. n | ature and quantity | of materials | used, and res | ults obta | ined. | | | |
| | · · · · · · · · · · · · · · · · · · | | | | | | (* • | | - |
| R | E-ENTRY I | DATE: Sept | ember 3 | BO, 1963 | 3 | | | | |
| | | | | | | | | | |
| , · A | cidized v | with 6000 g | jals FLA | X-2. | | | | | • |
| | | | | | | | • | | |
| - | | • | | | | 5 | | | |
| | | | | | | | | | |
| | | | | • | | | | | |
| | | | | | | | | | . ' |
| • | | | | | | | | | • • |
| ₩ - | | | | | | | | | |
| , | and the state of t | | | | and the second of the second of the second | and the second s | and the second s | 2 Octobrillar De Lane. | |
| | | • | | | . • | • | | | |
| Witnessed by | | | Position | | 1 | Company | | | |
| • | ill Jones | 3 | Tool | Pusher | 1 | | l States | Gas | Producing |
| | | FILL IN SEL | OW FOR R | EMEDIAL W | ORK RE | PORTS O | NLY | | |
| | lm 6 | | | AYF ASTE D | ATA | | | 16 | |
|) F Elev. | TD | | PETD | | | Producing | interva: | Cos | upletion Date |
| Tubing Diameter | | Tubing Depth | | Oil Stri | ng Diame | ter | Oil Stri | ng Depti | <u> </u> |
| · · · · · · · · · · · · · · · · · · · | · | <u></u> | | | | | | | |
| Perforated Interval | (a) | | | | | | | ٠ | ** |
| Open Hole Interval | | | | Produci | ng Forma | rion(s) | | · · | |
| | | | | | | | | | |
| | | | RESULT | S OF WORK | OVER | | | | |
| Test | Date of Test | Oil Production BPD | | oduction FPD | | roduction PD | GOR Cubic feet/ | | Gas Well Potenti |
| Before | 7626 | 1 550 | 1000 | - 4 5 | | | Cubic leet/ | 201 | N.CEPU |
| Workover | | <u> </u> | | | | | | | |
| After Workover | | | | | | | | | · |
| | | 1 | | } [] | كنسمورين | u chae cha '- | l | | is true and comp |
| G | IL CONSERVA | TION COMMISSION | | to the | best of | y that the la my knowled: | e. | u uoove | : 12 tine and comp |
| | | | | | | | | | |
| oproved by | | | | Name | W. | | | | |
| litle | | | | Positio | | | | | |
| · · | | | | , | | | | | |
| | | | | j | *** | Product | ion Sup | erint | endent |

| HUMBES ST COP | | |
|-------------------|----------|-------------|
| AL LIVE SELECTION | ******** | |
| ***** | | |
| PILE | | |
| V-1 0 1. | | |
| | | |
| ******** | 016 | |
| | 949 | ! |
| | £4 | |
| - | | |

NEW MEXICO OIL CONSERVATION COMM... Santa Fe. New 3 ico

REQUEST FOR (OIL) - (GAS) ALLOWARLE

New Well Recompletion

| This form shall be submerted by the operator before an initial allowable will be assigned to any completed | Oil or Cas well. |
|--|--------------------|
| Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was | sent. The allow- |
| able will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed | during calendar |
| month of completion or recompletion. The completion date shall be that date in the case of an oil well when | n now oil is deliv |
| ered into the stock tanks. Ga: must be reported on 15.025 priz at 60° Fahrenheit. | |

| aca , ill | to the st | nck tank | u. Çar mu | st be reported on 15.025 psia at 60° Fahrenheit. |
|-----------|---------------------------------|-----------|-------------|--|
| | | | | Abilene, Texas 10-15-63 |
| | 9 | | | (Place) (Date) |
| WE AN | E HER | EBY R | EQUESTI | NG AN ALLOWABLE FOR A WELL KNOWN AS: |
| Dast | Compa | ver On | sas PIC | oducing Co- Ainsworth, Well No. 1 in SW 1/2 SE 1/4, |
| | 0 | Sec. | 22 | T 9-S R -33-E, NMPM, Undesignated Pool |
| Ų= | 1 Latter | | | Re-Entered |
| | Le | ea | | Re-Entered County Date Spredd 9-30-63 Date Drilling Completed 10-6-63 Elevation 4351.3 Total Depth 9663 PBTD 9613 |
| | Please in | dicate k | ecation: | |
| D | C | В | A | Top Oil/Gas Pay 8762 Name of Prod. Form. Abo |
| | | | | PRODUCING INTERVAL - |
| | | | | Perforations 8762 - 80' |
| E | F | G | H | Open Hole ——— Depth Gasing Shoe 9663' Tubing 8780' |
| | <u> </u> | | | OIL WELL TEST - |
| L | K | J | I | Choke |
| | | | | Natural Prod. Test: bbls.oil, bbls water in hrs, min. Size |
| М | N | 0 | P | Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke O/C |
| | | | | load oil used): 227 bbls.oil. 0 bbls water in 12 hrs. 0 min. Size18/6 |
| | | | <u> </u> | GAS WELL TEST - |
| | (F00T/ | 45 | | Natural Prod. Test: MCF/Day; Hours flowed Choke Size |
| Dubling | Casing a | nd Comer | ting Recor | d Mathod of Testing (pitot, back pressure, etc.): |
| Sur | | Feet | Sax | Test After Acid or Fracture Treatment: MCF/Day: Hours flowed |
| 10-3 | /4 | 250 | 250 | Choke Size Method of Testing: |
| | | | 250 | |
| 7-5 | /8 4 | 134 | 975 | Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 500 Gals Mud Acid, 6000 Cals FLAX 2 |
| 4 1 | | (46 | 350 | |
| 4-1/2 | 9 | 648 | 350 | Press. Pkr Press. 325 oil run to tanks October 10, 1963 |
| 2-3 | /8 8 | 780 | | Oil Transporter McWood Corporation |
| | , - | | | Gas Transporter |
| emarks | • | ********* | ***** | ······································ |
| | ••••• | •••••• | ********** | |
| | | · | | |
| ľ h | reby cer | tify that | t the infor | mation given above is true and complete to the best of my knowledge. |
| | | | | ,19 Coastal States Gas Producing Company |
| phrove | d ••• • ••••• | | | (Company or Operator) |
| | OIL CO | NSERI | ATION | COMMISSION By: 12 1 |
| | J.11 CC | | | (Signature) |
| | | | | Title Production Superintendent |
| | | | | |
| | | | | Send Communications regarding well to: |
| | | | | Name Coastal States Gas Producing Co. |
| | | | | a alian de alian de a Ducadio di ma da |

| į | BANTA PI | ********* | | | | NEW MEXI | CO 011 | CONS | ERV. | ATI C | OMMISSIC | FORM C=120 N Revised 5/1/57 |
|-----------|--|-----------------------|-----------------------|-------------------------|---|---------------|------------------------|-------------------|-------------|--|------------------|--------------------------------|
| L | PILE U.S. 6.3 | | | | | | 7 0 34 - 430 | 5 5 6 5 | n zi k d | e za lite de la companya de la comp La companya de la co | ሳር ሥለ ፕሮጀር ሲኒ | DE ATC |
| ŀ | LAND OF FICE | 27 | | _ | 4 1855 | L LOCATI | UN AN | וט אנו | KEAU | יים טבטי | CALION | FERI |
| J | TRANSPORTER | 91L | | | SEE IN | NSTRUCTIONS | FOR CO | RPLETIN | ig Thi | S FORM ON | THE REVE | RSE SIDE |
| ŀ | PHORATION OFFI | | 7 | | <u> </u> | , | | | • | - | | 4 - 4 |
| \prec | 0-KN4Y0A | | | |] | | | | | | | |
| | | | | | | | SECTI | ON A | | | <u></u> | |
| | Operator | | | | | ** | Lease | | | | | Weil No. |
| • | · - | l st | ate | s Gas | Produci | ng Co. | | Ā | insw | orth | | 1 |
| | Unit Letter | | Sect | | Towash | | Rea | | | County | | |
| 1 | 0 | | 1 | 22 | 1 -0 2011 | 9-s | | - | 3-E |] | Lea | · . |
| - }- | Actual Foot | ace I | | | | 9-3 | | | 3-E | ! | | |
| | 1980 | | | from the | East | line and | | 660 | 6 | from the | West | line |
| - | Ground Lev | al Ela | | | Formation | Ime and | <u> </u> | | 1661 | Trong tile | 11000 | Dedicated Acreage: |
| - 1 | | | ٧. | | _ | - | Pool | <u>-</u> | | | | • |
| Ļ | 4351.3 | 3 | | A | po | | <u> </u> | <u> Indes</u> | <u>igna</u> | ted | | 80 Acres |
| - | another. 2. If the an wise? Y | -65) swer r 'ES | -3–29 :o que: N | (e) NMSA stion one i | 1935 Comp.) s "ao," have If answer is | | of all the | owners l | ees co | nsolidated | by communic | self or for bimself and |
| | Owner | | | | 6.1 | * 1 | | Land De | escript | ion | | |
| - } | Coasta | il S | tate | es Gas | Produc | ing Compa | anv | | | | O'FSL. | Sec 22, T95, R33E |
| 1 | | | | | | | | | | | | |
| L | | | | | | | | Lea (| Coun | ty, Ne | w Mexic | 0 |
| t | | | | | SEC1 | TION B | | in and the second | | A | 1 | CERTIFICATION |
| 1 | <u> </u> | | | í | | | | 1 | | 1 | 1 | • . |
| | | • | | | | | | ! | | • | I hereby | ertify that the information |
| | 1 | | | 1 | | | | i | | 1 | in SECTIO | ON A above is true and com- |
| () | 7 | | | 1 | 1.1 | | | 1 | | • | 1 | e best of my knowledge and |
| T | 1 | | | 1 | | | | 1 | | | belief. | , |
| - 1 | • | | | 1 | | | | 1 | | 1 | | |
| [_ | | | | I | | | | | | · | Name | |
| | İ | | | ! . | | | | į | | | 1 | W. Bear Jones |
| | <u> </u> | | | <u> </u> | | | | | | | Position | <u> </u> |
| Ì | 4 | | | | | | | i | | 1 | 1 5 5 | |
| | | | | į. | | 1 | | j | | | | ction Supt. |
| Į | 1 | | | İ | | | | i | | • | Company | Coastal States |
| } | Ì | | | i | | | | i | | | Gas P | roducing Company |
| 1 | 1 | | | | | | | i | | - } | Date | |
| ĺ | İ | | | İ | | - | | i | |] | | LO-15-63 |
| | | | | Ì. | | | | i | | | | |
| 1 | <u> </u> | | | <u> </u> | | | | | | | | |
| - 1 | [| | | 1 | | | | 4 | | | | |
| - | • | | | 1 | | | | 3 | | • | Thumbu a | |
| - 1 | 1 | | | j | | | | 3 | | } | | estify that the well location |
| - 1 | 1 | | | 1 | - | | | | |) | | he plat in SECTION B was |
| | | | | 1 | - | Š | | 1 | | | - | m field notes of actual |
| -] | } | | | İ | | Ì | | 4 | | 1 | | ide by me or under my |
| - 1 | } | | | | | | | S. | | | | a, and that the same is true |
| - [| 1 | | | | | quality (| | į | | 1 | and correc | t to the best of my knowledge |
| - | | | | ┼ | | - | | - | | | and belief. | |
| 1 | Į | | | į | 1 3.1 | | | 1 | | | | |
| - | 1 | | | i | | g | | } | | 1 | | |
| | | | | i | | 240 | | 4 . | | | Date Surve | yed |
| 1 |] | | | i | | x | | | | - | | |
| • | 1 | | | i | | | | 1 | | Į, | Registered | Professional Engineer |
| \forall | | | | į | | D. | | ĺ | | | • | d Surveyor |
| | [| | | i | | | | - | | | 1 | • |
| - 1 | Ì | | | 1 | | 1 | | 1 | | Į. | 1 | |

2000

Certificate No.

0 330 650 990 1320 1650 1520 2310 2640

| DANTA F. PILC U.S.G.S. LAND OFFICE | U.V.FRIGH | | | SAN | ITA FE | NEW M | The second of the second of | | (| ORM C-110 (Rev. 7-60) |
|---------------------------------------|-----------------------|--|--------------------------|---|---------------------------------------|--------------------------|----------------------------------|---------------------------------------|-------------------|--------------------------|
| TO ALL DE CONTES | AA 1 | 1 1 | | | | | AND AUTHO | | UN | |
| su qu'es | · · · · · · | FILE THE | ORIGI | NAL AND 4 | COPIES | WITH TH | E APPROPRIAT | EOFFICE | e i a caraca | |
| Company or Ope | | States Gas | Pro | ducina (| ີດຫວຣ | nv. | Lease Ainsv | orth | | Well No. |
| Unit Letter | Section | Township | | Range | | 7 | County | | | _ |
| | 0 22 | 1 | 9 - s | | 33 | 3-E | Le | a | | |
| Pool | Undesig | nated | | m n n 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | 51 | Kind of Lease (St State | v v v v v v v v v v v v v v v v v v v | <u> </u> | |
| If we | ell produces oil or o | | Uni | t Letter | 4, | Section 22 | Township |) - s | Range | 33 - E |
| Authorized trans | sporter of oil X o | er condensate | | | Addre | ss (give ad | dress to which appr Tower Bui | oved copy of | this form i | |
| | McWood C | orporation | | | | | nd, Texas | | | |
| | | is Gas | Actua | lly Connect | | es | No X | | ,,,,,, | <u> </u> |
| Authorized gans | sporter of casing he | nd gas 🔲 or day g | • 🗆 | Date Con- nected | Addres | s (çive adı | iress to which appr | oved copy of | this form i | s to be scal) |
| | | - | | | | e | | | | |
| If gas is not bei | ng sold, give teaso | as and also explain | its prese | at disposition: | | | | | | , <u></u> |
| | · | Flared - | No l | Present | Mark | et | | | | |
| | | and the second s | فعدما والجداء | عـ مستوريد ع | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | DEA | SUMISI | FOR FILING | /alanc | chách na | cance havi | | | |
| | Change in Oil | Transporter (check | on <i>e)</i> ry Gas . | 🗆 | | ge in Owne (explain b | rship | | | |
| | | | | | | | | | | |
| • • | | tie en de la company de la com | | | | | | | | |
| Remarks | · | | | | | | | • | | |
| Acmeirs | | | | | | | • | | | |
| | | | | | | | | | | |
| | | h - Dul 1 D | 1 | *(*) - O'' C | \n.c | ion Camp | iceian have her | complied =: | rh. | <u> </u> |
| The undersigne | | ed this the 15t | th day | | onservat | | | compiled Wi | , | • |
| | | ATION COMMISSION | | | Ву | () | 2.5 | | | |
| Approved by | | | | * <u></u> | Title | 17 | noduction | | ntende | |
| Title | | | | | Сопра | | States Ga | s Produ | cing | Company |
| Date | | | | | Addres | | | | <u>_</u> | |

P. O. Box 385, Abilene, Texas

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

| OPERATOR Coastal States | Gas Producing POOL COMPANY | Undesignated | *************************************** |
|--|------------------------------|-----------------|---|
| ADDRESS P. O. Box 385, | | October October | 19.63 |
| SCHEDULED TEST | COMPLETION TEST X | SPECIAL TEST | (Check One) |
| en en en en en en en en en en en en en e | (See Instructions on Reverse | Side) | |
| | | | |

| • | | | | | OI . | _ | Daily | Produ | iction Dui | ing Test | COR |
|----|---------------------------------------|-------------|-----------------|---------------------|---------------|---------------|-----------------------------|----------------|--------------|------------|----------------------------|
| | Least | Well No. | Date of Test | Producing Method | Choke Size | Test Hours | Daily Allowable Bbls. | Water Bbls. | Oil Bhis. | Gas MCF | GOR Cu. Ft. Per Bbl. |
| • | Ainsworth | 1 | 10-9 | Flow | 18/64 | 24 | 454 | -0- | 454 | 445 | 980:1 |
| | | | | | | | , | | | | |
| | | | | | | | | : | | | · |
| | | | | | | | | | | | |
| | | | 1 , | | | | | | | | |
| Ų. | , | | | | - | | | | | | |
| | g g g g g g g g g g g g g g g g g g g | | | | | | | ara na sajet | . nome \$ | u manana w | <u>.</u> |
| | | | | | | | | | | | |

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of
15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New

Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

(I certify that the information given is true and complete to the best of my knowledge.)

| Date October 15, 1963 | COASTAL STATES GAS PRODUCING COMPANY |
|-----------------------|--------------------------------------|
| | By Siky 12 Balling |
| | Production Superintendent |



COLEMAN PETROLEUM FOGINFERING LUMPANY

PHONE EXPRESS 3-3013
CIT GRIMES
F O DOX 1825
HOBBS. NEW MEXICO

BOTTOM HOLE PRESSURE RECORD

| OPERATOR COASTAL STATES GAS PROD.CO. FIELD UNDESIGNATED FORMATION ABO | Depth | Pressure | Gradient |
|---|--|--|-------------------------|
| LEASE AINSWORTH WELL NO. 1 COUNTY LEA STATE NEW MEXICO DATE 10-14-63 TIME 1:30 PM Status SHUT IN Test depth 8600' Time S. 1.56.5 HRS Last test date INITIAL Tub Pres. 661 DWT BHP last test — Cas. Pres. NC BHP change — Elev. 4352 GL Fluid top 1636' Datura. (-4419) **Water top None | 0 1000 2000 4000 6000 8000 8600 8771 (-4419 | 661 676 797 1409 2023 2639 2824) 2877 * ** | . 306 . 307 . 308 |
| Temp. 6: 1469E Run by STINSON Cal. No. A3112N Chart No. 1 | | OLATED PRESSURINT OF CASING | |

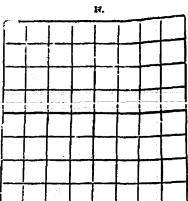
| (|) | | 2 | | | | 10 | 000 |) . | | | 2000 | | | | | 3000 | | | | | 4000 | | | | | | | | |
|----------|------|-----|---------|--|---|---|----|-----|---------------------------------------|---|---|------|--|----------|--|--|------|--|----|----|--|----------|---|--|--|--|----|--|--|--|
| | II. | OC. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | OC | | | ¥ | ۰ | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | X | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | X | | | | | | | | | | | | | | | | | 20 | | | |
| | | OC | | | | | | | | | ` | 7 | | <u>.</u> | | | | | | | | | | | | | | | | |
| | 50 | 00 | | | | | | | | | | | | | | | ٥., | | | | | | | | | | | | | |
| th S | 30 | OC | | | | | | | | | | | | | | | | | `` | `` | | | | | | | | | | |
| <u> </u> | :::: | oc | ::::::: | | | | | | | | | | | | | | | | | | | | ò | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

| NUMBER OF COPIE | | | |
|-----------------|----------|---|---|
| 019 | TRIBUTIO | N | |
| BANTA F(| | | |
| PILE | | | |
| U.S. G.S. | - | | |
| LAND OFFICE | | | |
| TRANSPORTER | GAR. | | - |
| PROMATION OFFI | - | | |
| | | | |

WELL RECORD



Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations

If State Land submit 6 Copies of the Commission. Submit in QUINTUPLICATE AREA 640 ACRES Jack Chase Ainsworth Well No 1 SW 4 of SE 4, of Sec 22 Undesignated Lea Well is 1980 feet from East 660 South of Section 22 If State Land the Oil and Gas Lease No. is. E-7481 June 18 19 63 Drilling was Completed July 28 19 Drilling Commenced..... Loffland Brothers Drilling Company Name of Drilling Contractor... Odessa, Texas 4349 Elevation shove sea level at Top of Tubing Head.... .. The information given is to be kept confidential until OIL SANDS OR ZONES No. 1, from None .. No. 4, from... No. 2, from..... ... No. 6, from..... IMPORTANT WATER SANDS Include data on vate of water inflow and elevation to which were not in help No. 1, from None No. 4, from..... CASING RECORD WEIGHT PER POOT NEW OR KE7D OF SHOE CUT AND PULLED FROM AMOUNT PERFORATIONS PURPOSE 10-3/4" 32# 250' New Tex Pat None Float New MUDDING AND CEMENTING RECORD SIZE OF WHERE NO. SACKS METROD MUD GRAVITY AMOUNT OF MUD USED 10-3/4 266' 250 10.5 Pump & Pluq 200 7-5/8 4150 350 RECORD OF PRODUCTION AND STIMULATION (Record the Process used, No. of Qt. or Gals. used, interval treated or shot.) 8739 - 8828': Recovered 260' GCM, ISIP - 3234#/One Hr, FP - 87 - 130#, FSIP - 1515#/One Hr. Result of Production Stimulation 25 sk plugs were placed @ 9620', 8770', 7660', 6700', 5260', 4100', 1488', 266', with 10 sks

in surface. (Pipe shot off @ 1488')
Depth Cleaned Out.

RECORD OF DEILL-STEM AND OPECIAL TASTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

| | nala were i | used from | -0- fant sa | 9668' | | | | | |
|---------------------|---|--------------|--|---|------------|--|--------------|--|--|
| | _ | | feet to | | | | | leet to | |
| Q | , A | 4 | | | | ma mom. | | | lc |
| | | | | PRODU | | | | | |
| Put to Pi | roducing | | Dry | 19 | | | | | |
| OIL WE | LL: Th | e production | on during the first 24 hou | rs waż | ****** | ba | rrels of lic | juid of which | % v |
| | Way | oil: | % was en | aulijon : | - | % water | r: and | of . | was sadiment. A E |
| | | | | | | | | 70 | was sediment. A.P |
| | - | | The second secon | | | | | معادية خلف مساوية الساسية والإستان المسابقة المتاريخ | |
| GAS WE | LL: The | production | on during the first 24 hou | rs was | ••••••••• | M,C.F. p | lus | | barrels |
| , ė. | liqu | id Hydroc | arbon. Shut in Pressurc | lbs. | | | | ., | en en en en en en en en en en en en en e |
| Length o | of Time Si | ut in | | | | | | | |
| • | | <i>*</i> - | | | | ON VETTOR | V 07007 | | |
| FLE | ingel inil | ICAIL B | ELOW FORMATION 1 Southeastern New M | | Porman | CE WIT | H GEOGE | Northwestern | |
| T. Anby | , 2 | 040 | | Devonian | | | Т. | Ojo Alamo | |
| Γ. Salt. | | 120 | | Silurian | | | | Kirtland-Fruitland. | |
| B. Salt | 2 | 510 | | Montoya | | | | Farmington | |
| Г. Yates | . 2 | 630 | T. | Simpson | | | Т. | Pictured Cliffs | |
| Γ. 7 Riv | vers | | Т. | McKee | | | T. | Mencfee | |
| T. Quee | n | | т. | Ellenburger | | | T. | Point Lookout | |
| r. Grayl | | | т. | Gr. Wash | | | т. | Mancos | · · · · · · · · · · · · · · · · · · · |
| r. San A | | 850 260 | Т. | Granite | | ******* | т. | Dakota | ************ |
| Γ. Glori | Cl A | 260 | т. | - | | ••••••• | т. | Morrison | |
| r. Driel | 6 | 700 | т. | *************************************** | **** | ************** | | Penn | |
| r. Tubb | A | 660 | T. | | | | | *************************************** | |
| r. Abo | 0 | 770 | T. | *************************************** | | | | | |
| Г. Penn Г. Miss. | *********** | | T. | | | | | *************************************** | |
| I. MISS. | | | | FORMATIO | | | 1. | 4112404********************************* | |
| From | То | Thickness | Formation | | From | To | Thickness | 7 | |
| | | in Feet | Formation | · | | | in Feet | Form | nation |
| -0- | 250 ' | 250 | Caliche and | e 03 | | | | | |
| | 230 2040 ' | 250 1790 | Redbeds | Suri Su | | į | | | |
| | 2086± | 46 | -Anhy | <u> </u> | | la de la companya de la companya de la companya de la companya de la companya de la companya de la companya de | | | हा एक्टबई का मह |
| 086 | " - T - T - T - T - T - T - T - T - T - | 544 | Sand & Anhy | | | | | | |
| 2007 (1987) | 3850 ' | 220 | Sd, Sh, Anhy | | | | | | |
| 350 | 5260 ' | 1410 | Dolo | ·) | | | | | |
| 260' | 6700' | 1440 | Dolo and Sd | | | 2. | | | |
| 700 | 7660 ' | 960 | Dolo and Sd | · | | | | | |
| | 8770' | 1110 | Sh and Dolo | | | | | | |
| | 9665 ' | 895 | Lime and Sh | | | | | | 1 |
| /70' | | | | | | • | 1 | | |
| 70' | | | | 1 | 1 | | | | |
| 70' | | | | | | | | | |
| 70' | | | | | | | | | |
| //0' | | | | | | | | | |
| 70' | | | | | | | | | |
| 70' | | | | | | | | | |
| 70' | | | | | | | | | |
| //O' | | | | | | | | | |
| //O' | | | | | | | | | |
| //O' | | | | | | | | | |
| 70' | | | | | | | | | |
| 770' | | | ATTACH SEPARAT | e sheet if a | LDDITIO | VAL SPA | CE IS NE | CEDED | |
| | | | | | | | | | |
| I her | • | | that the information give | | | | | | rk done on it so f |
| I her | • | | | | | | | the well and all wo | |
| I here can be | determine | l from ava | that the information give | n herewith is a | complete a | nd correc | t record of | the well and all wo | -1-63 |
| I here can be | determine | l from ava | that the information give | n herewith is a | complete a | nd correc | t record of | the well and all wo | -1-63 |
| I here can be | determine or Operate | from ava | that the information give | n herewith is a | complete a | nd correc | D. Box | the well and all wo | -1-63 (Date) ene, Texas |

| | Kidla | ad. Te | Place) | *************************************** | <u></u> | ms 11, 1963 | |
|-----------------|---------------|------------|----------------------|---|--|---|--------------------------------|
| | | 7. | MISSION | • | | ,550, | |
| NTA F | e, new A | (EXICO | | | ing Tagan sa nagan ang pengananan | | |
| | | notified (| that it is our | intention to commence th | of a well to be | known as | |
| | | | | Company) | | | *********************** |
| •••• | ٠ | insvor | ٤ ١ | e e e e e e e e e e e e e e e e e e e | , Weil No. | , in | The w |
| ated | | | (Loche) | Best | | | (Unit) |
| | | | | | | | 1 |
| | | | SECTION LI | NE) Endagicael | ned post | Los | C |
| | | | | If State Land the Oil a | nd Gas Lesse is No | 7431 | ****************************** |
| | 1 | . 1 | | | vner is | | |
| D | C | В | A | Address | | *************************************** | |
| | | | - · · · | We propose to drill wel | I with drilling equipment a | s follows: Bot | 453 |
| E ' | F | C | н | | | | |
| | | | | | bond is | | • |
| | | | | | | | |
| L | K | J | 1 | Drilling Contractor | Loffland Brother | | |
| | | * | | | Odessa, Texas | | |
| _ M | - <u>-</u> x | _ 5 | P | | this well in the | | |
| | 1 1 | | | | cimate depth of | • | |
| | | | | CASING : | PROGRAM | • | |
| Wes | propose to u | se the fol | lowing strings | of Casing and to cement t | hem as indicated: | | |
| Blac | el Hele | <u> </u> | Size of Casing | Weight per Feet | New or Second Hand | Depth | Backs Cement |
| | | | 3/4 | 32.75 | lizer | 230 | 200 |
| 15 | 7/8 | | 5/0 | 25.4 | Baw | 4200 | 1175 |
| , | 3/4 | | 1/2 | 11.6 | Eraca | 9860 | 200 |
| , | | ļ | | | 1 | | |
| 9 | | | | | | | . 7 |
| 9 6 If ch | | | olans become | | | | |
| 9 6 If ch | | | | recompletion give full de | | work. | |
| 9 6 If ch | | | | | | work.) | |
| 9 6 If ch | | | | | | work.) | |
| 9 6 If ch | | | | | tails of proposed plan of t | work. | |
| f ch ADD | ITTONAL | INFOR | MATION (II | | stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of the stails of proposed plan of the stails of the stail | | |
| f ch ADD | ITTONAL | INFOR | MATION (II | recompletion give full de | stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of proposed plan of the stails of the stails of proposed plan of the stails of the stail | cel Cless | |

| | ン | | | | | • • • | <u> </u> | | | | |
|--------------------|--|--|-----------------------|----------|------------------------|-------------|---------------|--|---|----------|--|
| NUMBER 91 CO | • • | | | | | | | | ÷ | - | |
| 91. 8 | | T | NEW | MEXI | <u> </u> | 11 C | UN E E B | MOITAN | COMMISSIO | M | FORM C-103 |
| LAND OFFICE | | | | | - | | | | | | (Rev 3-55) |
| That POATER | 916 | 17. | X | ISCEL | LAN. | EOU | S REP | ORTISOS | BSTEIRIS | E UUI | |
| - | 7168 | | Submit to | apptop | riote E | lstrie | Office | es per Cei | amiacion Rul | • H06 |) |
| Name of Com | NARY | | | | | Addres | | 96 | 41-61-17 | _3. | 37 |
| | 77 | ch Chase | | | | | Ro | stat w z 1659. | Midland. | | Company |
| Lease A1 | dirowen | | Well | No. | Unit | Letter O | Section 22 | Township | | Range | |
| Date Work Pe | | Pool | | | | | 1 | County | , | | |
| | 6-19-63 | | Wildcat HIS IS A F | | OF. / | Check | 4000000 | | 48 | | |
| Begianis | g Drilling Ope | | & Casing | | | | | Other (| Explain): | | |
| Pluggia | | | Remed | | , | . • | | | | | |
| | | e, sature and qui | | | | | | | | | |
| Aft | er 24 brs. | d with 250 a a pressure . Drilling | of \$50 | PSI 1 | FR.S & | | | | | | |
| | | | | | | | 4 | | | | |
| | • | | | | | | | * exp | | | |
| | | • . | | | | | | | | | 2 4 |
| | | | | | | | | | | | |
| | | | | | | | | | | | and the second s |
| | | The second secon | | | na province po com com | | | and a man of specimental and the field | Annual Control of the State of | | |
| | | | | | | | | 4 | | | |
| و | | | | | | | | | | | |
| Witnessed by | | | P | osition | | | 10 | Company | | _ | |
| _ | J. I. | Dooley | | | | . Ճար | <u> </u> | | Loffland | Bros. | |
| | | FILL IA | BELOW | | | IAL W | | PORTS O | NLY | <u> </u> | |
| D F Elev. | 12 | r D | | PBTD | | ELL U | | Producing | Interval | Con | apletion Date |
| | | | | <u> </u> | | | | <u> </u> | | | <u> </u> |
| Tubing Diamer | tet . | Tubing Dep | c b | | | dil Striz | ag Diamet | et | Oil Seri | ng Depti | 1 |
| Perforated late | erval(s) | | | | | | | | | | |
| Open Hole Inte | erval | | | | F | roduci: | ng Format | tion(s) | | | |
| | | | | RESULT | SOF | WORK | OVER | | | | |
| Test | Date of Test | Oil Prod BPI | uction | Gas P | roduct | ion | Water P | roduction PD | GOR Cubic feet/ | вы | Gas Vell Potentia |
| Barore Vorkover | | | | | | | | | | | |
| After Vorkover | | | | · · | | | | | | | |
| | OIL CONSE | RVATION COMM | ISSTÓN | | | | | that the id ny knowled | | a abore | is true and comple |
| Approved by | 7.2 | 1/2 | Fire | [| , | Name | (44 | Siles. | > | | O. H. Crewa |
| -in- | 1, 1, 1, 1 | - CANIAG | - | 1 | | Positio | ac | | | | |
| Date | ······································ | 7.70 | 7 | | - | Compai | | mistrat: | ive Coordi | rorea | |
| | | | - 2 | | | | | e Wasta | 8-(1) (- | | |

Great Western Drilling Company

| HUMBEN OF COPIE | A LCE | 46.5 | | |
|-----------------|---------|------|-----|-------|
| E-1 | THIBUTI | OF6 | | |
| BANTA PT | | | | |
| FILE. | | I | | |
| U.B.G.3. | | 1 | | |
| LAND OFFICE | - | 1 | -T | |
| TRANSPORTER | OIL | | | - |
| THANDONTER | 643 | 1 | - 1 | |
| PROPATION OFFI | | 1 | | |
| OPERATOR | | 1 | | |

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103

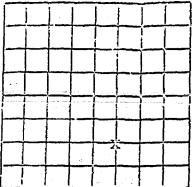
| PERATOR | | | - | | | 2 | | ט 13 ט | • | | | |
|--|---|------------|----------------------------------|-------------------------------|------------------------|-----------|------------------------------|--|----------|------------|-------|-------------------|
| 11 | | | (Subn | nit to approp | priate D | istrici | Office | as per Cui | um i s s | ion Rule 1 | 1106) | |
| Name of Comp | | | | | | Addres | | | | | | |
| Jack (| Chase | | | Well No. | | | | | | | | nd, Texas |
| | Lease Ainsworth | | | | | .etter | 22 | Township | | 9-s | Range | 33-E |
| Date Work Per 7-29-6 | | | Pool Und | lesignat | ed | | | County | Le | a | | |
| | | | THIS I | S A REPORT | OF: (C | beck | appropri | ate bločk) | | | | |
| Beginnin Plugging | g Drilling Op | peratio | | asing Test ar emedial Work | | nt Job | | Other (| Explai | n): | | |
| SPUD 25 s) | DATE: | Jun wer | e 18, 1963 e placed @ 66', w/ 10 | 9620', | 8770 |) · , · | 7660 | ', 6700 | - | • | | |
| | entire h inent da | | . Placed | require | d mar | ker | in t | cop of | plu | y w/ | | |
| Witnessed by J. I. | . Docley | , | | Position Drlg | Supt - | | | Company | | eroe F | | |
| | FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY ORIGINAL WELL DATA | | | | | | | | | | | |
| | | | FILL IN BE | LOWFORR | REMEDI | AL W | | | | ,103. L | Dri. | lling Co. |
| D F Elev. | | T D | FILL IN BE | LOWFORR | REMEDI Inal We | AL W | | | NLY | | | lling Co. |
| D F Elev. | ter | T D | FILL IN BE | LOW FOR R | REMEDI INAL WE | AL W | | Producing | NLY | | Соп | apletion Date |
| Tubing Diamet | erval(s) | T D | | LOW FOR R | REMEDI INAL WE D | AL W | g Diame | Producing | NLY | val | Соп | apletion Date |
| Tubing Diamet | erval(s) | T D | | LOW FOR R ORIG | REMEDI INAL WE O | AL W | g Diame | Producing | NLY | val | Соп | apletion Date |
| Tubing Diamet | erval(s) | T D | | LOW FOR R | REMEDI INAL WE O | AL W | g Diame | Producing | NLY | val | Соп | apletion Date |
| Tubing Diamet Perforated Inte Open Hole Inte | erval(s) | | | RESUL' | REMEDI INAL WE O | AL WELL D | g Diame | Producing Producing exter ation(s) | Interv | val | Con | apletion Date |
| Tubing Diamet Perforated Inte Open Hole Inte Test Before Workover | erval(s) Date of | | Tubing Depth Oil Production | RESUL' | Production | AL WELL D | g Diame | Producing Producing exter ation(s) | Interv | Oil String | Con | npletion Date |
| Tubing Diamet Perforated Inte Open Hole Inte Test Before | erval(s) Date of | | Tubing Depth Oil Production | RESUL' | Productic | AL WELL D | g Diame | Producing Producing etter ation(s) | Interv | GOR | Con | Gas Well Potentia |
| Tubing Diamet Perforated Inte Open Hole Inte Test Before Workover After | Date of | | Tubing Depth Oil Production | RESUL' Gas F | Production CFPD | AL WELL D | g Diame g Forma OVER Water F | Producing Producing etter ation(s) | Cub | GOR | Con | npletion Date |
| Tubing Diamet Perforated Inte Open Hole Inte Test Before Workover After | Date of | | Oil Production | RESUL' Gas F | Productic | AL WELL D | g Diame g Forma OVER Water F | Producing Producing etter ation(s) Production PD | Cub | GOR | Con | Gas Well Potentia |
| Tubing Diamet Perforated Inte Open Hole Inte Test Before Workover After Workover | Date of | | Oil Production | RESUL' Gas F | Productic CFPD | 1 Strin | g Diame g Forma OVER Water F | Producing Producing etter ation(s) Production PD | Cub | GOR | Con | Gas Well Potenti |

NEW MEXICO OIL CONSERVATION COMMESSION

| HUMBLE OF COMIES MECLIVED | | | | | | | | | |
|---------------------------|-----|--|--|--|--|--|--|--|--|
| OISTHIBUT | 104 | | | | | | | | |
| bam 1 6 + 1 | | | | | | | | | |
| PILE | | | | | | | | | |
| V. 1. 6. 1. | | | | | | | | | |
| Frad darice | | | | | | | | | |
| 18121M04744 | | | | | | | | | |
| 849 | j | | | | | | | | |
| PROPATION OFFICE | | | | | | | | | |

Sonn Fe, New Mexico

WELL RECORD



Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission, Submit in QUINTUPLICATE

If State Land submit 6 Copies

| Well No | | ii | SW | % | SE | ¼, of So | 2 | 2 | Т. | -9-s | , R | -33-E | , NM |
|------------------------|---------------|------------|---------------------------|----------|---------------------|-------------|---------------|--------------|---------------|---|---------------|---|-------------|
| · | Undes | igna | ated | | | Pcol | 1 | | | Lea | | | Coı |
| Well is | _ | | | | | | • | | | | | South | |
| of Section | 22 | | 75 0 | ienea T | and the Oil | and Gas Ta | nara Ma | i. | E | E-7481 | | | |
| | | | | | | | | | | · Oct | ober (| - 5 | |
| · | ** | | | | | | | | - | a | | · | 19 |
| Vame of 1822 | ing Contra | ictor | | NO | pie ni | TITING | Com | pany | · | | | | |
| Address | | | · . | | - | - | | | | | | noma | |
| Elevation abo | ve sea level | at Top | of Tubiz | g Hea | 4 4 | 351.3 | | · | . The is | Mormatica g | iven is to | be kept confi | dential |
| | | ********* | 1212-1-1-1-1-1 | , 19 | | •. • | • | | | | | | |
| | - | | , | | |)il band: | 9 00 0 | <u> </u> | | | | * | |
| | | . . | | | - | | | ٠. | | : | | | V |
| io. 1, from | 87 | 62 | | 0 | 8/8 | <u> </u> | . No. 4 | , from | | ************ | to | Phosphilater Support of the con- | |
| lo. 2, from | | | .,t | o | | | No. 5 | , from | | *************************************** | to | *************************************** | |
| lo. 3, from | | | t | o | | | No. 6 | from | ************* | | | | |
| | | | | | | | | | | | | tie. | |
| 1 | | | = | | 77. |)rtant v | | | 3 | | | | |
| nclude data | | * | | | | | | | | | | | |
| lo. 1, from | No | ne | ••••••• | | to | | | *********** | ****** | fcet | | | ******* |
| lo. 2, from | | | · | | to | | | ************ | | fcet | **** | | ******* |
| io. 3. from | | | | | to | | | | | fccL | : | | |
| lo. 4, from | | | | | | | | | | | | | |
| 10. T, IIUII | ************ | - | *********** | | | | | | | | | | |
| | | | - | | · | CASING | RECO | <u> </u> | | | | · · · · · · · · · · · · · · · · · · · | |
| SIZE | WEIG PER F | | New (| | AMOUNT | | D OF | CUT | AND D FROM | PERFOR | ATION8 | PURP | Z20 |
| 10-3/4 | 1 3 | 2# | New | , | 250 | Tex | Pat | No | ne ` | | - | | |
| 7-5/8 | | .4# | | | 4134 | | | | | | | | |
| 4-3 | 11.6& | 10. | 5 u | | 9648.3 | 8Reg-F | loat | Coll | ar | | | | Š |
| <u>.</u> | <u> </u> | | • | | | <u> </u> | | | | | | | |
| | | | | | | | | | | > 2 | | | |
| | | | <u></u> , | | MUDDING | AND CE | DIENT | NG RE | COZD | | | | |
| SIZE OF SIZE OF CASING | | | NERE SET | NO NO | . SACIIS CELIENT | m | errod Ceed | | | LIOD KAVITY | { | AMOUNT O MUD USE | D 2. |
| 15" | 10-3/4 | | 266 | | 250 | Pump | c. Di | 170 | | | | | |
| 9-7/8 | 7-5/8 | | 1150 | | 975 | 17 | <u> </u> | " | | 9.9 | | 200 350 | |
| 6-3/4 | 4-12" | | 18.38 | | 350 | 11 | | 11 | 10.2 | | | 350 | |
| | | | | | | | | | | | | | |
| | | | | RE | coed of | PRODUCE | tion a | nd st | DIDILA: | NON | | | |
| | | | | _ | | | | | • | | | • | |
| | | • | | | • | • | | | | treated or s | • | | |
| | | | | | | | , | - | | zed per | C 1 | • | |

| Perforated 8762 - 80 | w/ 2 jet shots/ft. Acid | ized perforations |
|--|--|--|
| w/ 500 gals mud acid | followed by 6000 gals FL | AX-2. |
| h | | |
| ************************************** | ······································ | |
| the community of the second of | *************************************** | mananananan mananan ma |
| Result of Production Stimulation | Completed Oil Well | |
| en en en en en en en en en en en en en e | • | • |
| *************************************** | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 0.000 |
| | | 5 9663 t |

precide of pullipolitic than the childre and account

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

| | | | | | ದಪಡಿರ ಡಿ | | | | |
|--|---|--|--|--------------------------|-----------------|---|--------------|---|---|
| lotary t | ook were | used from | O Lect to | 9663 | feet, a | nd from | ************ | feet to | |
| | | | feet to | | | | | | |
| | | | T A CONTRACTOR OF THE CONTRACT | | UOTION | | J . 14 / | | |
| | | | | : | | | | | |
| ut to P | roducing | <u> </u> | bber 10 | | 3. | | | | |
| II. WI | FLL: T | he productio | n during the first 24 hou | ure was 45 | 54 | , ba | rrels of li | ould of which (00 | · % » |
| | | = | | | | | | - | |
| | | | 0 % was er | | | % water | r; and | % wa | s sediment. A.F |
| | G: | avity | 37.5 @ 60° F | | | - | | | |
| AS WE | 27.7.5 Th | a poductio | n during the first 24 hou | | 1 | MCF 5 | lina . | | |
| 110 (11 | | List of Mark to page 1 | | <u> </u> | , e se sershama | p | i de como | *************************************** | |
| | liq | uid Hydroca | arbon. Shut in Pressure | b | 5. | | | • | |
| ength | of Time S | hut in | , 4.0° - 1.000 | | •• | | | •• | - |
| P7.7 | EAST IN | OTOATTE E | CLOW FORMATION | W 56 W | VEORMAN | מינושר פום | ያ ርድሰር፣ | RAPETCAT, SECTION | N OF COATEN |
| | AMOU ALVA | DECISE 2 | Southeastern New M | * * | | · · · · · · · · · · · · · · · · · · · | L GLOO | Northwestern Ne | · · · · · · · · · · · · · · · · · · · |
| A_L | Y | 2040 | | Devonian | | | ` ~ | Ojo Alamo | |
| | y | ~~~~~~ | ********** | Silurian | | | • | Kirtland-Fruitland | |
| | | 2510 | | Montoya | | | ~ | Farmington | |
| | · | 2630 | | Simpson | | | | Pictured Cliffs | |
| | | ***** | | McKee | | | | Mencice | |
| | | | T. | Ellenburger | | | | Point Lookout | |
| | /burg | | T. | Gr. Wash | | | | Mancos | |
| _ | Andres | 3850 | | Granite | | | | Dakota | |
| Glor | | 5260 | | | | | | • / • | |
| | kard | | т. | | | • | | Penn | |
| | bs | 6700 | Т. | | | | | *** | |
| Abo. | | 7660 | Т. | ************************ | | ····· | Т. | ****************************** | |
| | 3: 1 | 87.70 | T. | | *********** | | т. | ******* | |
| Miss. | | | Т. | | | Jan 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | *************************************** |
| | | and the second s | AND THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS O | FORMATIC | N RECO | RD | | | |
| | _ | Thickness | | | F | | Thicknes | s | |
| | | | | | | | 1 | | |
| | То | in Feet | Formatio | <u> </u> | From | То | in Feet | Forma | |
| | | in Feet | | | From | To | in Feet | Forma | |
| -0- | 250 | in Feet | Caliche & S | | From | To | in Feet | Forma | |
| -0- 250 | 250 2040 | 250 1790 | Caliche & S | | From | To | in Feet | Forma | |
| -0- 250 040 | 250 | in Feet | Caliche & S Redbed Anhy | | From | To | in Feet | Forma | |
| -0- 250 040 086 | 250 2040 2086 | 250 1790 46 | Caliche & S Redbed Anhy Sd & Anhy | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 | 250 2040 2086 2630 | 250 1790 46 544 | Caliche & S Redbed Anhy | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 | 250 2040 2086 2630 3850 | 250 1790 46 544 220 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh | Surf Sd | From | То | in Feet | Forma | |
| -0- 250 040 086 630 350 | 250 2040 2086 2630 3850 5260 | 250 1790 46 544 220 1410 | Caliche & S Redbed Anhy Sd & Anhy Sd, Sh, Anh | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 530 350 260 700 | 250 2040 2086 2630 3850 5260 6700 | 250 1790 46 544 220 1410 1440 | Caliche & S Redbed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 | 250 1790 46 544 220 1410 1440 960 | Caliche & S Redbed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 240 286 330 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 240 286 330 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | То | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | From | To | in Feet | Forma | |
| -0- 250 040 086 630 850 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo Lime & Sh | Surf Sd | | | in Feet | Porma | |
| -0- 250 040 086 630 350 260 700 | 250 2040 2086 2630 3850 5260 6700 7660 8770 | 250 1790 46 544 220 1410 1440 960 1110 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo | Surf Sd | | | in Feet | Porma | |
| -0- 250 040 086 630 850 260 700 660 770 | 250 2040 2086 2630 3850 5260 6700 7660 8770 9665 | 250 1790 46 544 220 1410 1440 960 1110 875 | Caliche & S Reabed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo Lime & Sh | Surf Sd | ADDITION | AL SPA | CE IS N | EPDED | |
| 040 086 630 850 260 700 660 770 | 250 2040 2086 2630 3850 5260 6700 7660 8770 9665 | 250 1790 46 544 220 1410 1440 960 1110 875 | Caliche & S Redbed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo Lime & Sh | Surf Sd | ADDITION | AL SPA | CE IS N | EEDED the well and all work | done on it so fa |
| -0- 250 040 086 630 850 260 700 660 770 | 250 2040 2086 2630 3850 5260 6700 7660 8770 9665 | 250 1790 46 544 220 1410 1440 960 1110 875 | Caliche & S Redbed Anhy Sd & Anhy Sd, Sh, Anh Dolo Dolo & Sd Dolo & Sd Sh & Dolo Lime & Sh ATTACK SEPARAT | Surf Sd | ADDITION | AL SPA | CE IS N | EPDED | done on it so fa |

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL COMSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 2934 Order No. R-2606

APPLICATION OF COASTAL STATES GAS PRODUCING COMPANY FOR AN UNONTHODOX LOCATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMUSSION

by The Comcission:

This cause came on for hearing at 9 o'clock a.m. on Movember 6, 1963, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 20th day of November, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Blvis h. The, and being fully advised in the premises.

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Coastal States Gas Producing Company, has recompleted its Ainsworth Well No. 1 in the Abo formation within one mile of the Flying "M" Abo Oil Pool.
- (3) That said well is located 660 feet from the South line and 1980 feet from the East line of Section 22, Township 9 South, Range 33 East, EMPM, Lea County, New Mexico, and does not conform to the well location requirements of the Special Rules and Regulations governing the Plying "M" Abo Oil Pool.
- (4) That the applicant seeks an exception to the well location requirements of the Special Rules and Regulations governing the Flying "M" Abo Oil Pool to produce the subject well at the above-described unorthodox location.
- (5) That approval of the subject application will prevent the drilling of unnecessary wells and will otherwise prevent waste and protect correlative rights.

-2-CASE No. 2934 Order No. R-2606

IT IS THEREFORE ORDERED:

- (1) That the applicant, Coastal States Gas Producing Company, is hereby granted an exception to the well location requirements of the Special Rules and Regulations governing the Flying "N" Abo Oil Pool to produce its Ainsworth Well No. 1 at an unorthodox location 660 feet from the South line and 1986 feet from the East line of Section 22, Township 9 South, Range 33 East, MMPM, Los County, New Mexico.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DOME at Santa Fe, New Mexico, on the day and year hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION CONNISSION

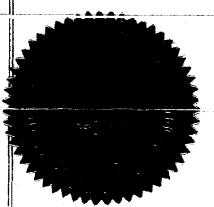
JOEK M. CAMPBELL, Chairman

Eswalke

E. S. WALKER, Member

a. L. Perter, h

A. L. PORTER, Jr., Member & Secretary



DEVERNOR JACK M. CAMPBELL CHAIRMAN

State of Note Mexico

Gil Conserbation Commission

LAND COMMISSIONER

C. S. JOHNNY WALKER
MEMBER



A L. PORTER, JR. SECRETARY - DIRECTE

Hovember 20, 1963

Mr. Howard Bratton Hervey, Dow & Hinkle Attorneys at Law Post Office Box 10 Roswell, New Mexico

Case No. 2934
Order No. R-2606
Applicant:

COASTAL STATES GAS PRODUCING CO.

Dear Sire

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

De l'Outer l

A. L. PORTER, Jr. Secretary-Director

| ir/ 22 | |
|--------------------|------------------|
| Carbon copy of ord | er also sent to: |
| Nobbs OCC X | |
| Artesia OCC | |
| Astec OCC | |
| OTHER | |

HEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico November 6, 1963

EXAMINER HEARING

IN THE MATTER OF:

Application of Coastal States Gas
Producing Company for an unorthodox
location, Lez County, New Mexico.
Applicant, in the above-styled cause,
seeks the approval of an unorthodox
location for its Ainsworth Well No. 1
located 660 feet from the South line
and 1980 feet from the East line of
Section 22, Township 9 South, Range
33 East, Flying "M" Abo Pool, Lea
County, New Mexico.

Case No. 2934

PEFORE: Elvis A. Utz, Examiner

TRANSCRIPT OF HEARING

MAIN OFFICE OCC



DEARNLEY-MEIER REPORTING SERVICE,

BUQUERQUE, N. M.

MR. UTZ: Case No. 2934.

MR. DURRETT: Application of Coastal States Gas Producing Company for an unorthodox location, Lea County, New Mexico.

MR. BRATTON: Howard Bratton on behalf of the applicant. We have one witness.

(Witness sworn.)

MR. BRATTON: If the Examiner please, all we're asking here is the approval of an unorthodox location of a well within one mile of the Flying "M" Abo Oil Pool. We recently asked for and obtained the promulgation of rules for the Flying "M" Abo Pool, including 80-acre spacing and fixed locations in the Northwest Quarter and the Southeast Quarter of a quarter-quarter section. Since that time we have entered an abandoned hole in the Southwest Quarter of the Southeast Quarter of Section 22, and have recompleted that abandoned well as a producer from the Abo formation.

Therefore, the necessity for the unorthodox request. We had also asked for the extension of the Flying "M" Abo Oil Pool, and we will present evidence in that regard although we note that the Commission on its own motion on the nomenclature docket for the regular hearing next week has set the extension of the Flying "M" Abo Pool to include an area down to and including this well.

> (Whereupon, Applicant's Exhibits 1 and 2 marked for identification.)



243.660]

Bu

CARROLL STATON

called as a witness, having been first duly sworn on oath, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. BRATTON:

Q Will you state your name, by whom you are employed, and in what capacity?

A My name is Carroll Staton. I'm employed by Coastal States Gas Producing Company in Roswell as a geologist.

Q Are you familiar with the Flying "M" Abo Oil Pool and the matters contained in this application?

A Yes, sir.

Q Have you previously testified before this Commission as an expert witness?

A Yes, sir.

MR. BRATTON: Are the witness' qualifications acceptable?
MR. UTZ: Yes, sir, they are.

Q (By Mr. Bratton) Refer, Mr. Staton, to page 1 of Exhibit
1, which is the booklet, page 1 being the contour map. Will you
explain what it reflects in connection with the explanation which
I have just made to the Examiner of our application?

A Page 1 of Exhibit 1 is a structural map of the area of the Flying "M" Abo Pool contoured on a constant marker over the area, showing that the well in question is approximately 200 feet structurally low to wells discussed in previous testimony.



buquerque, New Mexico

Simms Building Albuq

| Q | Those | well | s are | e located | in | the | Northwest | of | the | | |
|-----------|-------|------|-------|-----------|----|-----|-----------|----|-----|----|------|
| Southeast | of 16 | and | the l | Northwest | of | the | Northwest | of | 15, | is | that |
| correct? | | | ٠ | | | | | | | | |
| | Yes. | sir. | that | is | | | | | | | |

- Actually that's all the map reflects is the structural relationship?
 - Yes, sir, it is.
- In connection with your re-entry, are the rest of the materials in this booklet just the well summary of the re-entry and all of the official records which have been filed with the Commission --
 - Yes, sir. A
- -- in connection with the original drilling and your reentry?
 - Yes, sir, they are.
- What do they show in connection with the re-entry and your production from the Abo?
- They show that Coastal States re-entered a well abandoned by another operator, and subsequent running of pipe, perforating, stimulating the Abo formation, and establishing production therefrom.
- On your well summary which follows your contour map, Q. it shows you re-entered on September 30 of this year and on October 10 you potentialed the well, is that correct?
 - Yes, sir, it is.



What does that show that you obtained on your potential on October 10?

After stimulating the perforated interval with 6,000 gallons of FLAX-2 and making one swab run, the well kicked off and flowed 75 barrels of acid water and 227 barrels of new oil in eleven hours. This was the potential test that we submitted to the Commission.

- The reason you re-entered this well rather than drilling a well at a standard location or orthodox location under the rules was purely economic?
 - Yes, it was.
- Is there anything further significant in your Exhibit No. 1?
 - No, sir, there is not. Α
- Turn then to your Exhibit No. 2, Mr. Staton. On the Q right-hand side of your Exhibit No. 2, is there reflected the line of the cross section from the two completed wells in the Flying "M" Abo Pool down to and including this well for which the request is made?

Yes, sir, the cross section, going from the well previously mentioned in the Northwest Quarter of Section 15 to the well in the Northwest Quarter of the Southeast Quarter of Section 16, to the subject well.

- What does your cross section reflect? Q
- As you will notice, there are color designations on this



1120 Simms Building Albuquirg

Mexico

cross section, the upper being green, the lower red, indicating a correlation from the productive wells previously testified to, to the well in question. As you will notice, perforations have been made in the Coastal States No. 1 Ainsworth above a zone completed in the two previously mentioned wells.

This is merely indicative of a vertical change in the porosity in this lower Leonard or Abo dolomite formation. The lines connecting these three wells are in each case correlative.

- Q Actually it's just a question, Mr. Staton, of obtaining porosity?
 - A Yes, sir, it is.
- Q In your opinion, is the subject well completed in the same formation or part of the same reservoir as the Flying "M" Abo Pool?
 - A Yes.
- Q In your opinion, would the granting of this application be in the interest of conservation and the prevention of economic waste?
 - A Yes, sir, it would.
- Q Is there anything else you care to point out in connection with your exhibit?
 - A No, sir, I think that it's self-explanatory.
- Q Were Exhibits 1 and 2 prepared by you or under your supervision?
 - A Yes, sir.



MR. BRATTON: We would offer in evidence Applicant's Exhibits 1 and 2.

MR. UTZ: Without objection, Applicant's Exhibits l and 2 will be entered into the record of this case.

(Whereupon, Applicant's Exhibits Nos. 1 and 2 admitted in evidence.)

MR. BRATTON: We have nothing further to offer at this time.

MR. UTZ: Are there questions of the witness?

MR. DURRETT: Yes, sir, I have one question.

CROSS EXAMINATION

BY MR. DURRETT:

Q Do I understand correctly. Mr. Staton, that this well is not within the horizontal limits of the pool? That is correct, is it not, the pool as it exists today?

MR. BRATTON: Yes, sir, the pool as it exists today is reflected in the blue. The Commission proposes on the November nomenclature docket to extend the pool down to include the South Half of Section 22.

MR. DURRETT: I see.

- Q (By Mr. Durrett) But the well is within one mile?
- A The well is within one mile. It is more than 5,000 feet but less than 5,280.
- Q That's fine. So right at the moment, at any rate, it will technically be governed by the rules, even though it isn't



within the horizontal limits?

A Yes, sir.

MR. BRATTON: Yes, sir.

Q (By Mr. Durrett) Had this well been plugged or temporarily abandoned?

A It was plugged. The plugging record is reflected in Exhibit 1, Well Record of Jack Chase No. 1 Ainsworth, which reflects that 25-sack plugs were placed at 9620, 8770, 7660, 6700, 5260, 4100, 1488, and 266.

MR. BRATTON: I believe that's the fourth sheet from the back of the book.

A The fifth sheet. Plus an additional 10-sack plug at top, pipe had been shut off at 1488 feet.

when he drilled this well?

A Yes, they drilled this well to the Bough Complex and as reflected by these exhibits, we cleaned out and ran pipe to bottom.

Q In the event that you offset this well, is it your intention to follow the pattern as set out in the order for special pool rules?

A Order 2576, yes, sir, it would be our intention to follow these fixed location rules.

Q Who owns the lease immediately south of you?

Immediately south is owned by Ralph Lowe.



ling Albuquerque, New Mexico Phons

Sim

How about the one immediately west?

Immediately west, we own that, the operating rights on that lease, the South Half of Section 22.

MR. UTZ: Are there any other questions of the witness? The witness may be excused.

(Witness excused.)

MR. UTZ: Any other statements to be made in this case?

MR. BRATTON: No, sir.

MR. UTZ: The case will be taken under advisement and the hearing is adjourned.

(Whereupon, the hearing was adjourned.)

STATE OF NEW MEATOU

88

COUNTY OF BERNALILLO

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill, and ability.

WITNESS my Hand and Seal this 7th day of November, 1963.

My Commission Expires:

I do hereby certify that the foregoing is a complete record of the proceedings in <u>June 19, 1967.</u>

the Examiner hearing of Case No. 19 53.

New Mexico Oil Conservation Commission

Buildi

JMD/esr Nov. 12, 1963

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE No. 2

Order No. R- 2606

APPLICATION OF COASTAL STATES GAS PRODUCING COMPANY FOR AN UNORTHODOX LOCATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 6, 1963, at Santa Fe, New Mexico, before Elvis A. Utz Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this day of November 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by matter thereof.
- (2) That the applicant, Coastal States Gas Producing Company, has recompleted its Ainsworth Well No. 1 in the Abo formation within one mile of the Flying "M" Abo Oil Pool.
- (3) That said well is located 660 feet from the South line and 1980 feet from the East line of Section 22, Township 9 South, Range 33 East, NMPM, Lea County, New Mexico, and does not conform to the well location requirements of the Special Rules and Regulations governing the Flying "M" Abo Oil Pool.
- (4) That the applicant seeks an exception to the well location requirements of the Special Rules and Regulations governing

the Flying "M" Abo Oil Pool to produce the subject well at the above-described unorthodox location in said pool.

(5) That approval of the subject application will prevent the drilling of unnecessary wells and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

- (1) That the applicant, Coastal States Gas Producing Company, is hereby granted an exception to the well location requirements of the Special Rules and Regulations governing the Flying "M" Abo Oil Pool to produce its Ainsworth Well No. 1 at an unorthodox location 660 feet from the South line and 1980 feet from the East line of Section 22, Township 9 South, Range 33 East, NMPM, Lea County, New Mexico.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe. New Merico, on the day and year herein above designated.