

P. O. BOX 2267, MIDLAND, TEXAS 79702

(915) 683-4871

OIL CONS

SANTA FE

August 12, 1982

State of New Mexico Energy and Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey Division Director

> In Re: Administrative Order TX-91 Pardue 30 Com., Well No. 1 Eddy County, New Mexico

Dear Mr. Ramey:

In response to your letter of August 10, 1982, sorry this office never received the original copy of temporary tubing exception dated June 24.

The above-named well is still shut-in pending pipeline connection with El Paso Natural Gas Company. Per your instructions, the well will be retested after 30 days production, and results of same will be furnished your office and the Artesia OCD. Mr. Bill Gressett at the Oil Conservation Division in Artesia will be notified so that he may schedule a representative from his office to witness the test.

Hopefully after the 30 day production period the well will have had time to clean up and water production will decline.

If you have any further questions, please let me know.

Very truly yours,

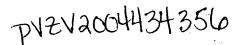
HNG OIL COMPANY

Berry Alla

Betty Gildon Regulatory Analyst

bg

cc: Mr. Bill Gressett Artesia OCD



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING

August 10, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

HNG Oil Company P. O. Box 2267 Midland, Texas 79702

Attention: Betty Gildon

Re: Tubing Exception Pardue 30 Com Well No. 1

Gentlemen:

I am herewith returning your letter of August 2, 1982, marked "second request" for a tubing exception for the captioned well. This request is accompanied by Form C-105 reflecting a test taken on the well June 15, 1982.

Also enclosed is a copy of Administrative Order TX-91 dated June 24 which approved a temporary tubing exception for the well with instructions to re-test after 30 days' production and notify us of the results. Nothing in your current request indicates whether the well has been connected, whether it has ever produced, or whether it has been re-tested.

I would again request that upon completion of 30 days' production you re-test the well and advise this office of the results. Please notify the Artesia District Office of the Division of the date and hour that said test will be conducted so that a Division representative may witness the test.

Yours very truly,

JOE D. RAMEY Division Director

JDR/DSN/fd. enc.

cc: Artesia OCD TX-91 File ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION P. O. BOX 2088 Santa Fe, New Mexico 87501

June 24, 1982

HNG Oil Company P. O. Box 2267 Midland, Texas 79702

Attention: Betty Gildon

Administrative Order TX- 91 Temporary Only

Gentlemen:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(d)(3) for the below-named well.

Pursuant to the authority granted me by Rule 107(d)(4), you are hereby authorized to set tubing at 10,196 feet in the following well:

| LEASE NAME | · . | | WELL NO. | UNIT | S-T-R |
|------------|-----|-----|----------|------|------------|
| | | | | • . | |
| due 30 Com | | £ . | 1 | Ē | 30-23S-28E |

Pard

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Very truly yours,

5/ Jac D Rancy

JOE D. RAMEY, Division Director

This well shows an unusually low gas-liquid ratio for a gas P.S. well, being 13,095 to one based on 24-hour gas production of 2.2 million cubic feet and 168 barrels of water. The distance from the uppermost perforation to the tubing setting depth of 10,196 feet is 1874 feet. We would normally deny such an extreme exception to Rule 107d(3) based on gas-liquid ratio and distance, but are approving this exception on a temporary basis in the hope that the ratio will increase if water production declines. Please re-test this well after 30 days' production and notify this office of the results.

cc: Oil Conservation Division - Artesia



P. O. BOX 2267, MIDLAND, TEXAS 79702 (915) 683-4871

June 18, 1982 August 2, 1982

SECOND REQUEST

Oil Conservation Commission State of New Mexico P. O. Box 2088 Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey Secretary Director

ALIUN DIVISION OIL CUNSEN S/NTA YES

In Re: Pardue 30 Com., Well No. 1, Und. North Loving Morrow, Unit Letter E, 1980' FNL & 983' FWL, Sec. 30, T23S, R28E, Eddy County, NM.

Dear Mr. Ramey:

Please find enclosed copy of a letter to Mr. Dan Nutter dated 6/18/82, requesting an exception to the tubing-setting requirements contained in Division Rule 107(d).

To avoid delay in placing this well on stream, temporary approval of the above-named exception is requested.

Your early attention is appreciated.

Very truly yours,

HNG OIL COMPANY

ldo ITTI

Betty A. Gildon Regulatory Clerk

bg

enclosures

with the gos-liquid ratio per we should not approve this. haps



P. O. BOX 2267, MIDLAND, TEXAS 79702

D2 (915) 683-4874 JUA 2 1982 June 18, 1982 SA, IA FE U. SUN

Oil Conservation Commission State of New Mexico P. O. Box 2088 Santa Ge, New Mexico 87501

Attn: Mr. Dan Nutter

In Re: Pardue 30 Com., Well No. 1 Und. North Loving Morrow Unit Letter E, 1980' FNL & 983' FWL, Sec. 30, T23S, R28E, Eddy County, NM

Dear Mr. Nutter:

Tubing for the above-named well has been set at 10,196 feet, and casing perforated from 12,070 to 12160 feet.

This office request administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY

Betty Gildon Regulatory Analyst

bg

enclosures



P. O. BOX 2267, MIDLAND, TEXAS 79702

(915) 683-4871

Oil Conservation Division State Land Office Bldg. Santa Fe, New Mexico 87501

Attn: Mr. Dan Nutter:

Re: Pardue 30 Com., Well No. 1 Und. North Loving Morrow Eddy County, NM

Dear Mr. Nutter:

There are several reasons why we feel that completions utilizing a TIW Polish Bore Receptacle or Insert Seal Assembly is the most advantageous method to complete a well.

- (1) The inside diameter of the seal ssembly is the same as the diameter of the tubing. Therefore, there is no restriction that would reduce the size of Wireline Tools that could be run in the hole.
- (2) The Polish Bore Receptacle has a full bore opening to the liner below it. This allows us to run bridge plugs, retainers, or bits into the liner if necessary.
- (3) The seal assembly - PBR hook-up allows for tubing movement while treating the well. It will withstand higher treating pressures during stimulation than would be possible with most other production packers.
- (4) In most of the wells drilled in this area there are several zones of interest. By having the seal assembly stung into the PBR, the lowest zone can be tested and if non-productive squeezed. The next zone of interest can then be perforated, acidized and tested. All this can be accomplished without pulling the tubing. This can save a considerable amount of time and money.

The Polish Bore Receptacle is run on the top of the liner. The Insert Seal Assembly sets in the tie back sleeve at the top of the liner.

We feel that this Packer system not only saves us a considerable amount of time and money, but also is the most reliable Packer system available. Of the several hundred wells in which HNG Oil Company has utilized this system over the past years, we have had very few failures. If you have any questions, please feel free to give me a call.

Very truly yours,

George M. Houer

George M. Hover **Completion Engineer**

GMH/bg

| abs. product description Image: State of the state | \$ | | | | : | | KT I | | | | | |
|--|--|---------------------|---------------------|---------------------------------------|----------------|--------------|-------------------------|---------------------------------|----------|--|--------|-------------|
| International Control Construction Constructin Construction Construction Construction Const | NO. OFICOPIES RECEIV | /ED | | | | | | Francis | form C-1 | 05 | | |
| International Control Construction Constructin Construction Construction Construction Const | DISTRIBUTION | | | | | | 111- | 1. 7 / LAY UN | Revised | 12-1-16 | | |
| U.B. 6.2, APD GPT (CE Get (CE | SANTA FE | | NEW | | SERVATIO | л со | MARSION | 50.1 | ndicuty | Little of Lease | | |
| U.B. 6.2, APD GPT (CE Get (CE | FILE | | WELL COMPLE | TION OR REC | OMPLETIC | ON RE | FORT A | Mag_ S | | Fee | | |
| The TVPE OF VILL If the Additional Joint Of The Addition Joint Additional Joint Of The Addit Joint Of The Additional Joi | U.S.G.S. | | | | | | OIL | ~ 1 196 | B. 011 8 | Gus Lease No. | | |
| The TVPE OF VILL If the Additional Joint Of The Addition Joint Additional Joint Of The Addit Joint Of The Additional Joi | LAND OFFICE | | | | | | 00,10, | | e/ | // | | |
| The stree of rect Particle Particle <td>OPERATOR</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>S</td> <td>AINT .</td> <td>IIIR</td> <td></td> | OPERATOR | | | | | | S | AINT . | IIIR | | | |
| b. TYPE OF COMPLETION State Base Bas | | | | | | | | | (US) | | | |
| b. trype or conductions setted | la. TYPE OF WELL | | | | | | | 7. Ui | ut Agree | ment Lame | | |
| B. Toth of Low Let Ion B. Toth of Low Reset With G. Street Concentration Setting of the street of concentration 2. Nowe of Copention Setting of the street of concentration 3. Address of Copention 10. Field and Poel, or Willow 3. Address of Copention 10. Field and Poel, or Willow 3. Address of Copention North Loruing Morror 4. Location of Well North Loruing Morror with Lift to a street read in a concentration of Well North Loruing Morror with Lift to a street read in a concentration of Well North Loruing Morror with Lift to a street read in a concentration of Well North Loruing Morror with Lift to a street read in a concentration of Well Street read in a concentration of Well with Lift to a street read in a concentration of Well Street read in a concentration of Well with Lift to a street read in a concentration of Well Street read in a concentration of Well 13. Dete Speaded 12, 174 22. Multiple Compt. How 23. Interview in None 23. Total Best down of Well 12, 174 22. Multiple Compt. How 23. How Differential Street read 24. Preducting Interviewing in A concentration of Well Concentration of Well No 25. Weare Dinter to a concentratin street | | WEL | | | OTHER | | | | | | | |
| weak process process <thprocess< th=""> <thprocess< th=""> <thproc< td=""><td></td><td></td><td>· · · · · ·</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thproc<></thprocess<></thprocess<> | | | · · · · · · | | | | | | | | | |
| HNG OIL CORFANY 1 3. Address of Contract 10. Field and Pool, or Nilacou Und. 9. O. Box 2267, Midland, Texas 79702 North Loving Morrow 4. Location of Well North Loving Morrow was set of Control North Loving Morrow 12. Jobs Symbol 10. Field and Pool, or Nilacou 13. Data Symbol 10. Field and Pool, or Nilacou 14. Location of Well 11. Control was set on a row, 235 set 285 12. Jobs Gata State 12. Jobs Gata State 12. Jobs Gata State 12. Jobs Jata St | WELL OV | | N BACK | RESVR. | OTHER | | ····· | | |) Com | | |
| 1. Address of Diversion ID. Field and Beal, or Nikesen Und. P. O. Box 2267, Midland, Texas 79702 North Lowing Morrow 4. Location of Viell North Lowing Morrow unit titres E testers 1980 rest resson risk 15. Det Spudded 16. Date Spudded 17. Date Couch, Ready to Fred. 18. Date Spudded 19. Date Spudded 10. Date Spudded 19. Date Spudded 19. Date Spudded 10. Date Spudded 19. Date Spudded 19. Date Spudded 19. Date Spudded 10. Date Spudded 10. Date Spudded 10. Date Spudded 19. Date Spudded 10. Da | 1 | | | | | | | 9. We | ell No. | | | |
| P. 0. Box 2267, Midland, Texas 79702 North Loving Morrow Value for divert North Loving Morrow Value Space Cases 236 reference North Loving Morrow Very West Line of a case 236 reference State Space Eddy Line could for the state of a case 236 Eddy Line could for the state of a case 236 Eddy Line could for the state of a case 236 Eddy Line could for the state of a case 236 Eddy Line could for the state of a case 236 Eddy Line could for the state of a case 2308 State Space St | | | | | | | · | | 1 | | | |
| 4. Location of Weil vert citres E Location of Weil vert citres E Location of Weil vert citres So the Spudded 16. Due trub. Neethed [17. Date Coupl. //Rady to Prod.) 18. Dite Spudded 13. Date Spudded 16. Due trub. Neethed [17. Date Coupl. //Rady to Prod.) 18. Dite Spudded 15. Dite Coupl. //Rady to Prod.) 18. Ditercoupl. (Rady to Prod.) 20. Task Dopin [21. Plug Date T.D. 12. 1/14' 22. (Mainty to Prod.) 18. Ditercoupl. (Rady to Prod.) 18. Ditercoupl. (Rady to Prod.) 24. Producing Intervelle), of this completion - Top, Botton, Nome [21. Plug Date T.D. 21. (Non Prod.) 21. (Non Prod.) 25. The Producing Intervelle), of this completion - Top, Botton, Nome [21. Plug Date T.D. [21. Plug Date T.D. [21. Plug Date T.D. 26. The Producing Intervelle), of this completion - Top, Botton, Nome [21. Plug Date T.D. [22. Was Weil Coreal 26. The Producing Intervelle), of this completion - Top, Botton, Nome [21. Plug Date T.D. [23. Plug Date T.D. 27. Top Date T top, Producing Intervelle), and Weil Coreal [23. Plug Date T.D. [24. Plug Date T.D. 27. Top Date T top, Producing Intervelle), and Weil Coreal [25. Plug Date T.D. [25. Plug Date T.D. 28. Det Core T top, Pr | | | | | | | | | | | | |
| Wait Little or sec. O Test Page 1 Peet Pa | | 67, Midland | l, Texas /9/ | 02 | | | | Nor | th Lov | ving Morrow | | |
| True West Link or stc. 20 res. 235 ass. 286 manual 12. Observed and a standard a standard a standard and and and and and and and and and an | 4. Location of Well | | | | • | | | | ///// | | | |
| True West Link or stc. 20 res. 235 ass. 286 manual 12. Observed and a standard a standard a standard and and and and and and and and and an | | 100 | | | | • | | | ///// | | | |
| ret west the or sec. 30 var. 238 sec. 28E under $(11, 21, 21, 21, 21, 21, 21, 21, 21, 21, $ | UNIT LETTER | LOCATED 198 | 50 FEET F | ROM THE <u>north</u> | 1 LINE AND | <u>, 9</u> | <u>83</u> _{FE} | | 7111 | MMMMM; | | |
| 15. Date T.D. Reactord 17. Date Compl. (Redy to Prod.) 16. Date T.D. Reactord 6-3-82 3089.3' GR 20. Total Depth 21. Plug Back T.D. 22. Hydrogen 100 (Redy to Prod.) 23. Interval 3089.3' 20. Total Depth 21. Plug Back T.D. 22. Interval 3089.3' GR 20. Total Depth 21. Plug Back T.D. 22. Interval 3089.3' Grain Total Society Total 21. Optimized in the complexity of this complexity in the complexity of this complexity in the complexity of the comple | · | 20 | 220 | 00- | | //// | MMM | ///// | - | | | |
| $4-21-82$ $6-3-82$ $6-15-82$ 3089.3^{1} GR 3089.3^{1} GR28. Totel Depth21. Plug Back T.D. 12,174'22. H Multiple Compl., How23. Intervals imilianty <b< td=""><td></td><td></td><td></td><td></td><td></td><td>7777</td><td></td><td></td><td></td><td></td></b<> | | | | | | 7777 | | | | | | |
| 28. Feddel Depth 21. Flug Back T.D. 22. HAULITYIC Complet, How 23. Interest, Rotary Tools Cable Tools 24. Feddeling Intervel(b), of this completion - Top, Botton, Nome 23. Interest, Rotary Tools Cable Tools 24. Feddeling Intervel(b), of this completion - Top, Botton, Nome 23. Intervel Rotary Tools Cable Tools 24. Feddeling Intervel(b), of this completion - Top, Botton, Nome 23. Was Well Cored No 25. Was Well Cored No No 26. Type Electric and Other Logs Run CASING RECORD (Report all strings set in well) No 26. Addition - Top, Botton, Nome 27. Was Well Cored No 27. Type Electric and Other Logs Run CASING RECORD (Report all strings set in well) Addition - Core, | - | | 1 | | | | | <i>NB</i> , <i>KT</i> , GK, etc | ·/ 19. E | - | | |
| 12,680' 12,174' Many Drilled By X 24. Freducing intervel(a), of this completion - Top, Bottom, Nome 25. Was Directional Survey 12,070 - 12,160 27. Was Weil Cored 28. Type Electric and Other Logs Run Compensated 27. Was Weil Cored Compensated No 27. Was Weil Cored 28. Type Electric and Other Logs Run Compensated No Compensated Neutron Formation-Density, Dual Laterolog No 28. Type Electric and Other Logs Run Compensated Amount PulLED CASING SIZE WEIGHT LB./FT. DEPTH SET HOLE SIZE CEMENTING RECORD Amount PulLED 13-3/8'' 48# 568' 17-1/4'' 1250. Litre & 400. Cl C Circ. 9-5/8'' 47# 2330' 12-1/4'' 1250. Litre & 400. Cl C Circ. 7'' 23# 10500' 8-1/2''' 850. Litre & 525. Cl H - 20. LINER RECORD 30. TUBING RECORD 30. TUBING RECORD 31. Perforation Record (Interval, size and number) 12678 37.5 Cl H - 2-3/8''' 10,196'' TSA 10,196'' 12,247-12,445 (.35''''') 12247-12445 sg., to 5000f'''''''''''''''''''''''''''''''''' | | | | | | | | Batany Taal | | | | |
| 24. Producing Interval(s), of this completion - Top, Bottom, Namo 23. We Directional Survey 12,070 - 12,160 No 26. Type Electric and Other Lega Run 27. Was Well Cored Compensated Neutron Formation-Density, Dual Laterolog No 28. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB./FT. DEPTH SET 9-5/8" 47# 2330' 29. LINER RECORD AMOUNT PULLED 13-3/8" 48# 568' 4-1/2" 10500' 8-1/2" 850 Litre & 525 Cl H - 29. LINER RECORD 10. SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE 4-1/2" 10195 12678 37. CI H - 2-3/8" 12,247-12,445 (.35" 17) 12247-12445 12,070-12,160 (.24" 24) 32. 33. PRODUCTION Mortlo Acid. Production Method (Eleming, gas lift, pamping = Nize and type pump) Weil Status (Pred, or Shurin) 6-14-82 Frowing, ease lift, pamping = Nize and type pump) Weil Status (Pred, or Shurin) <td>· ·</td> <td>21. PIG</td> <td></td> <td></td> <td>le Compi., Ho</td> <td>5w</td> <td>Drilled E</td> <td>Y</td> <td>5</td> <td></td> | · · | 21. PIG | | | le Compi., Ho | 5w | Drilled E | Y | 5 | | | |
| 12,070 - 12,160 i No 28. Type Electric and Other Logs Fun Compensated Neutron Formation-Density, Dual Laterolog 27. Was Well Cared No 28. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LE./FT. DEPTH set Mole Size CCMENTING RECORD AMOUNT PULLED 13-3/8" 48# 568' 17-1/2" 475. HLW & 150. Cl C Circ. 9-5/8" 47# 2330' 12-1/4" 1250. Litre & 400. Cl C Circ. 7" 23# 10500' 8-1/2" 850. Litre & 525. Cl H - 29. LINER RECORD 30. TUBING RECORD 31. Perforation Record (Internal, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 12,070-12,160 (.24" 24) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 12,070-12,160 (.24" 24) 12070-12160 Acidized w/5000 gals 7.5% 33. PRODUCTION Morflo Acidi Shut-in 34. Dire Friduction Method (Electring, gas fift, pamping = Nice and type pump) Woil Status (Prod. or Shurfen) 51. Det of Test Hours Tested Chok State Freedman for 35. Hereby could for fuel, worind, circ. <td>· · · · · · · · · · · · · · · · · · ·</td> <td>r) of this comple</td> <td>•</td> <td>Name</td> <td><u>-</u></td> <td></td> <td></td> <td></td> <td>105</td> <td>Was Directional Survey</td> | · · · · · · · · · · · · · · · · · · · | r) of this comple | • | Name | <u>-</u> | | | | 105 | Was Directional Survey | | |
| 28. Type Electric and Other Legs Run Compensated Neutron Formation-Density, Dual Laterolog 27. Was Well Cored No 28. CASING RECORD (Report all strings set in well) No 29. CASING RECORD (Report all strings set in well) AMOUNT PULLED 13-3/8" 48# 568' 17-1/2" 475 HLW & 150 Cl C Circ. 9-5/8" 47# 2330' 12-1/4" 1250 Life & 400 Cl C Circ. 7" 23# 10500' 8-1/2" R50 Life & 525 Cl H - 29. LINER RECORD 30. TUBING RECORD 130. TUBING RECORD 31. Perforation Record (Interval, size and number) 122. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTM INTERVAL AMOUNT AND KIND MATERIAL USED 12, 247-12, 445 (.35" 17) 12247-12445 Sq. to 5000f w/50 Sx. Cl H 12247-12445 12, 070-12, 160 (.24" 24) 12070-12160 Acidized w/5000 gals 7.5% Morflo Acid. 33. Production Method (Floreing, gas lift, paming - Nize and type pump) Weil Status (Prod. er Shur-in) Shut-in 6-14-82 Production Method (Floreing, gas lift, paming - Nize and type pump) Shut-in Shut-in 6-15-82 24 15/6 | 24. Troducing microar | s), or this comple | | , Nume | | | | | 23 | | | |
| 28. Type Electric and Other Legs Run Compensated Neutron Formation-Density, Dual Laterolog 27. Was Well Cored No 28. CASING RECORD (Report all strings set in well) No 29. CASING RECORD (Report all strings set in well) AMOUNT PULLED 13-3/8" 48# 568' 17-1/2" 475 HLW & 150 Cl C Circ. 9-5/8" 47# 2330' 12-1/4" 1250 Life & 400 Cl C Circ. 7" 23# 10500' 8-1/2" R50 Life & 525 Cl H - 29. LINER RECORD 30. TUBING RECORD 130. TUBING RECORD 31. Perforation Record (Interval, size and number) 122. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTM INTERVAL AMOUNT AND KIND MATERIAL USED 12, 247-12, 445 (.35" 17) 12247-12445 Sq. to 5000f w/50 Sx. Cl H 12247-12445 12, 070-12, 160 (.24" 24) 12070-12160 Acidized w/5000 gals 7.5% Morflo Acid. 33. Production Method (Floreing, gas lift, paming - Nize and type pump) Weil Status (Prod. er Shur-in) Shut-in 6-14-82 Production Method (Floreing, gas lift, paming - Nize and type pump) Shut-in Shut-in 6-15-82 24 15/6 | 12.070 - 12 | 160 | | | | | |) | | No | | |
| No CASING RECORD (Report all strings set in well) CASING RECORD (Report all strings set in well) CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB./FT. DEPTH SET COMPATIBLE CORD AMOUNT PULLED 13-3/8" 48# 568" 17-1/2" 475. HLW & 150. Cl. C. Circ. 9-5/8" 47# 2330' 12-1/4" 1250. Lite & 400. Cl. C. Circ. 9-5/8" 47# 2330' 12-1/4" 1250. Lite & 525. Cl. H - 23. LINER RECORD 30. TUBING RECORD - - size TOP BOTTOM SACKS CEMENT SCREEN Size DEPTH SET PACKER SET 4-1/2" 10195 12678 375. Cl. H - 2-3/8" 10, 196' ISA 10, 196' 31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12,247-12,445 (.35" 17) 12247-12445 sq. to 5000f w/50 Sx. Cl. H 12070-12160 Acidized w/50000 gals. 7.5% | 1 | | | | | | | | 1 27 War | | | |
| CASING RECORD (Report all strings set in well)CASING SIZEWEIGHT LB./FT.DEPTH SETHOLE SIZECEMENTING RECORDAMOUNT PULLED $13-3/8"$ $48\#$ $568"$ $17-1/2"$ 475 HIW & 150 C1 CCirc. $9-5/8"$ $47\#$ 2330° $12-1/4"$ 1250 Lite & 400 C1 CCirc. $7"$ $23\#$ 10500° $8-1/2"$ 850 Lite & 525 C1 H $-$ 29.LINER RECORD $30.$ TUBING RECORDSIZETOPBOTTOMSACKS CEMENTSCREEN $SIZE$ DEPTH SET $4-1/2"$ 10195 12678 375 C1 H $ 2-3/8"$ $10, 196'$ 31. Perforation Record (Interval, size and number) $32.$ ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. $12, 247-12, 445$ $(.35" 17)$ $32.$ ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. $12, 070-12, 160$ $(.24" 24)$ $12070-12160$ Acidized $w/5000$ gals 7.5% $33.$ PRODUCTIONMorflo Acid. $6-14-82$ FlowtingFrowtingWeil Stritus (Prod. or Shurin) $6-14-82$ Cloke SizeProduction Method (Flowing, gas lift, pumping - Nize and type pump)Weil Stritus (Prod. or Shurin) $6-14-82$ Cloke SizeFrowtingCil - Ibi.Cia - MCFWater - Bbi.Gas - Cil Ratio $6-15-82$ Casture ProductionCloke SizeFrowting - Cil - Ibi.Gas - MCFWater - Bbi.Gas - Cil Ratio 34.00 PackerCasture Circ.Cil - Ibi.Gas - MCFWater - Bbi.Oil Gasvity - AFI (Corr.) </td <td></td> <td></td> <td>mation-Dons</td> <td>ity Dual La</td> <td>torolog</td> <td></td> <td></td> <td></td> <td>27, 1102</td> <td></td> | | | mation-Dons | ity Dual La | torolog | | | | 27, 1102 | | | |
| CASING SIZEWEIGHT LB./FT.DEPTH SETHOLE SIZECEMENTING RECORDAMOUNT PULLED $13-3/8'''$ 48% $568''$ $17-1/2'''$ 475 HIW & 150 C1 CCirc. $9-5/8'''$ 47% $2330'$ $12-1/4'''$ 1250 Lite & 400 C1 CCirc. $7''''$ 23% $10500''$ $8-1/2'''$ 850 Lite & 525 C1 H $-$ 23.LINER RECORD 30 .TUBING RECORDSIZETOPBOTTOMSACKS CEMENTSCREEN $SIZE$ DEPTH SET $4-1/2'''$ 10195 12678 375 C1 H $ 2-3/8'''$ $10, 196''$ 31. Perioration Record (Interval, size and number) $32.$ ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. $12, 247-12, 445$ $(.35''' 17)$ $12247-12445$ sq. to 5000% w/50 Sx. C1 H $12, 070-12, 160$ $(.24''' 24)$ $12070-12160$ Acidized w/5000 gals 7.5% $33.$ PRODUCTIONMoreflo. Acid.Date First ProductionFlowing FlowingFlowing Caloing PressureMoreflo. Acid. $6-14-82$ Flowing FlowingCircetinet $2e$ Oil - Bbl. Caloing PressureCaloing Pressure Caloing PressureCalcetinet $2e$ $36.$ PackerCalcetinet $2e$ Oil - Bbl. Caloing PressureOil Gaverly - AFI (Corr.) - $36.$ HatelmentsCologs, Inclination ReportOil - Bbl. Calcetinet $2e$ Oil - Bbl. Calcetinet $2e$ $36.$ Interlower State of this form is true and complete to the best of my knowledge and belief. $36.$ Interlower State of thi | | | | | | | | | I | NO | | |
| 13-3/8"48#568'17-1/2"475 HLW & 150 C1 CCirc,9-5/8"47#2330'12-1/4"1250 Lite & 400 C1 CCirc,7"23#10500'8-1/2"850 Lite & 525 C1 H-29.LINER RECORD30.TUBING RECORDsizeTOPBOTTOMSACKS CEMENTSCREENSizeDEPTH SET4-1/2"1019512678375 C1 H-2-3/8"10,196'ISA 10,196'31. Perforation Record (Interval, size and number)32.ACIO, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.12,247-12,445(.35" 17)12247-12445sq. to 5000 # w/50 Sx. C1 H12,070-12,160(.24" 24)12070-12160Acidized w/5000 gals 7.5%33.PRODUCTIONMorflo Acid.Date First ProductionFroduction, Method (filme ing, gas lift, pumping - Size and type pump)Weil Status (Prod. or Shut-in)6-14-82FlowingO22001686-15-822415/64"Cine Freitod0220014 ObserverCasing PressueCasing PressueCas - NICFWater - Bbl.34. Disposition of Grue (solid, averd for fuel, cented, etc.)VentedSature and complete to the best of my knowledge and belief.35. List of AttachmentsLogs, Inclination Report36. I hereby certify that the poformation shown on both sides of this form is true and complete to the best of my knowledge and belief.36. I hereby certify that the poformation shown on both sides of this form is true and complete to the best of my knowledge and belief.36. I hereby ce | | WEIGHT (D | | | | is ser i | | | | | | |
| 9-5/8" $47#$ $2330'$ $12-1/4"$ 1250 Lite & 400 Cl CCirc. $7"$ $23#$ $10500'$ $8-1/2"$ 850 Lite & 525 Cl H $-$ 28.LINER RECORD $30.$ TUBING RECORDSIZETOPBOTTOMSACKS CEMENTSCREEN $siZE$ DEPTH SETPACKER SET $4-1/2"$ 1019512678 375 Cl H $ 2-3/8"$ $10,196'$ ISA 10,196'31. Performion Record (Interval, size and number) $32.$ ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. $12, 247-12, 445$ $(.35" 17)$ $12247-12445$ sq. to $5000%$ w/50 Sx. Cl H $12, 070-12, 160$ $(.24" 24)$ $12070-12160$ Acidized w/5000 gals $7.5%$ $33.$ PRODUCTIONDate First Production Method (Flowing, gas Ilft, pumping - Size and type pump)Weil Status (Prod. or Shut-in) $6-14-82$ FlowingProduction Lift, pumping - Size and type pump)Weil Status (Prod. or Shut-in) $6-15-82$ Cablua PressureCalculated (Flowing, gas Ilft, pumping - Size and type pump)Weil Status (Prod. or Shut-in) $6-15-82$ PlowingCalculated 24 - Oll - Bbl.Cas - MCFWater - Bbl.Cas - Cil Rotio $6-15-82$ Cablua PressureCalculated et al.Oll Cas - MCFWater - Bbl.Oll Cas - Cil Rotio $6-15-82$ Cablua PressureCalculated et al.Oll Cas - MCFWater - Bbl.Oll Cas - Cil Rotio $6-15-82$ Cablua PressureCalculated et al.Oll Cas - MCFWater - Bbl.Oll Cas - Cil Rotio 34.00 PackerCalc | ······ | | | | | <u> , ,</u> | | | | | | |
| 7" $23#$ $10500'$ $8-1/2"$ 850 Lite & 525 Cl H $-$ 23.LINER RECORD30.TUBING RECORD $512E$ TOPBOTTOMSACKS CEMENTSCREEN $512E$ DEPTH SETPACKER SET $4-1/2"$ 1019512678375 Cl H $ 2-3/8"$ 10, 196'ISA 10, 196'31. Perforation Record (Interval, size and number)32.ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.12, 247-12, 445(.35" 17) $32.$ ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.12, 070-12, 160(.24" 24) $12070-12160$ Acidized w/5000 gals 7.5%Date First Production Mothod (Flowing, gras lift, pangwing - Size and type pump)Well Status (Prod. or Shut-in) $6-14-82$ FlowingFradrin, forOll - Bbl.Gas - MCFWater - Bbl.Gas - Oll Forder - Bbl.Gas - Oll Forder - Bbl. $6-15-82$ 2415/64"Fradrin, forOll - Bbl.Gas - MCFWater - Bbl.Gas - Oll Forder - Bbl.Gas - Oll Forder - Bbl. $6-15-82$ 2415/64"Fradrin, forOll - Bbl.Gas - MCFWater - Bbl.Gas - Oll Forder - Bbl.Gas - Oll Forder - Bbl. $34.$ Disposition of Gau (Suid, used for fuel, eracted, etc.)VentedTest Witnessed ByVentedS. List of AttachmentisLogs, Inclination Report $36.$ I bereby certify that the apternation shown on both sides of this form is true and complete to the best of my knowledge and belief. $36.$ I bereby certify that the apternation shown on both sides of this form is true and complete to t | | | | | | | | | | | | |
| 29. LINER RECORD 30. TUBING RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 4-1/2" 10195 12678 375 C1 H - 2-3/8" 10,196' ISA 10,196' 31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 12,247-12,445 (.35" 17) IZ247-12445 sq. to 5000# w/50 Sx. C1 H 12,070-12,160 (.24" 24) IZ070-12160 Acidized w/5000 gals 7.5% 33. PRODUCTION Date First Production Production Method (Elowing, gas lift, pamping - Size and type pump) Wall Status (Prod. or Shut-in) 6-15-82 24 15/64" Test Period O 2200 168 0 Plow Tubing Press. Casing Pressure Calculated 24 - 0.1 - Bbl. Cas - MCF Water - Bbl. Gas - Cil Ratio 34. Digsystition of Gra (Sudd, used for fuel, cented, etc.) Vented Vented Vented Si List of Attochments Logs, Inclination Report 36. I hereby certify that the platmation shown on both sides of this form is true and complete to the best of my knowledge and belief. Non 18, 1982 <td></td> <td></td> <td></td> <td></td> <td>•</td> <td>I</td> <td>_</td> <td></td> <td colspan="3"></td> | | | | | • | I | _ | | | | | |
| SIZETOPBOTTOMSACKS CEMENTSCREENSIZEDEPTH SETPACKER SET $4-1/2"$ 1019512678375 Cl H-2-3/8"10,196'ISA 10,196'31. Perforation Record (Interval, size and number)32.ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.12,247-12,445(.35" 17)32.ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.12,070-12,160(.24" 24)32.ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.33.DEPTH INTERVALAMOUNT AND KIND MATERIAL USED12,070-12,160(.24" 24)12070-12160Acidized w/5000 gals 7.5%33.PRODUCTIONMorflo Acid.Date First ProductionProduction Method (Elowing, gas lift, pumping = Size and type pump)Weil Status (Prod. or Shut-in)6-15-82FlowingChoke SizeProduction, For Test PeriodOll = Bbl.Gas - NICFWater = Bbl.Gas = Oll Ratio Gas = Oll ForO34.00PackerColl-lefted 24 - Oll = Bbl.Cas = MCF35. List of AttachmentsLogs, Inclination ReportCas of this form is true and complete to the best of my knowledge and belief.36. I hereby certify that the papermation shown on both sides of this form is true and complete to the best of my knowledge and belief.Supposition of Supermation shown on both sides of this form is true and complete to the best of my knowledge and belief. | · | | | 0 | 12 | | U Lite & | - 525 GL H | ···· | | | |
| SIZETOPBOTTOMSACKS CEMENTSCREENSIZEDEPTH SETPACKER SET $4-1/2"$ 1019512678375 Cl H-2-3/8"10,196'ISA 10,196'31. Perforation Record (Interval, size and number)32.ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.12,247-12,445(.35" 17)32.ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.12,070-12,160(.24" 24)32.ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.33.DEPTH INTERVALAMOUNT AND KIND MATERIAL USED12,070-12,160(.24" 24)12070-12160Acidized w/5000 gals 7.5%33.PRODUCTIONMorflo Acid.Date First ProductionProduction Method (Elowing, gas lift, pumping = Size and type pump)Weil Status (Prod. or Shut-in)6-15-82FlowingChoke SizeProduction, For Test PeriodOll = Bbl.Gas - NICFWater = Bbl.Gas = Oll Ratio Gas = Oll ForO34.00PackerColl-lefted 24 - Oll = Bbl.Cas = MCF35. List of AttachmentsLogs, Inclination ReportCas of this form is true and complete to the best of my knowledge and belief.36. I hereby certify that the papermation shown on both sides of this form is true and complete to the best of my knowledge and belief.Supposition of Supermation shown on both sides of this form is true and complete to the best of my knowledge and belief. | 29. | | INER RECORD | · · · · · · · · · · · · · · · · · · · | <u></u> | <u>'</u> | 30. | TUBIN | G RECOR | RD | | |
| 4-1/2" 10195 12678 375 Cl H - 2-3/8" 10,196' TSA 10,196' 31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth interval AMOUNT AND KIND MATERIAL USED 12,247-12,445 (.35" 17) 12247-12445 sq. to 5000# w/50 Sx. Cl H 12,070-12,160 (.24" 24) 12070-12160 Acidized w/5000 gals 7.5% 33. PRODUCTION Date First Production Production Method (Flowing, gas lift, pumping = Size and type pump) Well Status (Prod. or Shut-in) 6-14-82 Flowing Date of Test Hours Tested Choke Size Prod'n. For 6-15-82 24 15/64" Old Packer Gas - MCF 34.00 Packer | } | | r | SACKS CEMENT | SCREEN | | | 1 | | ······································ | | |
| 31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 12, 247-12, 445 (.35" 17) 12, 247-12, 445 (.35" 17) 12, 070-12, 160 (.24" 24) DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 33. PRODUCTION Date First Production Production Method (Flowing, gas lift, pumping = Size and type pump) Weil Status (Prod. or Shut-in) 6-14-82 Flowing Production Method (Flowing, gas lift, pumping = Size and type pump) Weil Status (Prod. or Shut-in) Date of Test Hours Tested Choke Size Production Coll = Bbl. Gas = MCF Water = Bbl. Gas=Oll Ratio 6-15-82 24 Choke Size Product of 24 - Oll = Bbl. Gas = MCF Water = Bbl. Oll Gravity = AFI (Corr.) 34. Disposition of Gas. (Sold, used for fuel, vented, etc.) Vented Test Witnessed By | | | | | | | | | | ······································ | | |
| 12,247-12,445 (.35" 17) 12,070-12,160 (.24" 24) 12,070-12,160 (.24" 24) 12070-12160 Acidized w/5000 gals 7.5% Morflo Acid. 33. PRODUCTION Date First Production Method (Elowing, gas lift, pumping - Size and type pump) Weil Status (Prod. or Shut-in) 6-14-82 Flowing Date of Test Hours Tested 15/64" Cloke Size Test Period 0 2200 168 6-15-82 24 15/64" Test Period Test Period 0 2200 168 0 2200 168 0 34.00 Packer 35. List of Attachments Logs, Inclination Report 36. I hereby certify that the polormation shown on both sides of this form is true and complete to the best of my knowledge and belief. Butt Value Butt Value 36. I hereby certify that the polormation shown on both sides of this form is true and complete to the best of my knowledge and belief. | | 10175 | 12070 | <u>- 375 01 II</u> | | | | | | | | |
| 12,247-12,445 (.35" 17) 12,070-12,160 (.24" 24) 12,070-12,160 (.24" 24) 12,070-12,160 (.24" 24) 120070-12160 Acidized w/5000 gals 7.5% Morflo Acid. 33. PRODUCTION Date First Production Method (Elowing, gas lift, pumping - Size and type pump) Weil Status (Prod. or Shut-in) 6-14-82 Flowing Date of Test Hours Tested 15/64" Test Period 0 2200 168 0 24 15/64" Test Period 0 100 2200 168 0 100 Packer 34.00 Packer 35. List of Attachments Logs, Inclination Report 36. I hereby certify that the jolormation shown on both sides of this form is true and complete to the best of my knowledge and belief. Butth 1000.1 Butth 1000.1 Butth 1000.1 11 Butth 12 14 12 15/64 14 16 15 | 31. Perforation Record | (Interval, size an | d number) | •• | 32. | ACID | , SHOT, FRA | CTURE, CEME | NT SQUE | EEZE, ETC. | | |
| 12,070-12,160 (.24" 24) 12070-12160 Acidized w/5000 gals 7.5% Morflo Acid. 33. PRODUCTION Date First Production Method (Elowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) 6-14-82 Production Method (Elowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) 6-14-82 Production Method (Elowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) 6-14-82 Production Coll - Bbl. Gas - MCF Water - Bbl. Oll Gas - MCF Water - Bbl. Oll Gravity - API (Corr.) 34.00 Packer - Test Witnessed By Vented 35. List of Attachments Logs, Inclination Report 36. I hereby certify thus the information shown on both sides of this form is true and complete to the best of my knowledge and belief. <td (prod.="" 12070-12160="" 24)="" 33.="" 5000="" 6-14-82="" 7.5%="" acid.="" acidized="" choke="" colspan="2" date="" flowing="" for="" gals="" hours="" morflo="" of="" or="" prod'n.="" production="" shut-in)="" size="" status="" test="" tested="" w="" well="">Calculated 24- OIL - Bbl. Gas - MCF Water - Bbl. OIL - Bbl. Gas - MCF Water - Bbl. OIL Feature Feriod 0 Calculated 24- OIL - Bbl. Gas - MCF Water - Bbl. OIL Gravity - API (Corr.) 34.00 Packer - Test Witnessed By Vented State and complete to the best of my knowledge and belief. State and complete to the best of my knowledge and belief.</td> <td>12,247-12,</td> <td>445 (.35"</td> <td>17)</td> <td></td> <td>12247-</td> <td>1244</td> <td>5 s</td> <td>a. to 5000</td> <td>)# w/5</td> <td>50 Sx. C1 H</td> | Calculated 24- OIL - Bbl. Gas - MCF Water - Bbl. OIL - Bbl. Gas - MCF Water - Bbl. OIL Feature Feriod 0 Calculated 24- OIL - Bbl. Gas - MCF Water - Bbl. OIL Gravity - API (Corr.) 34.00 Packer - Test Witnessed By Vented State and complete to the best of my knowledge and belief. State and complete to the best of my knowledge and belief. | | 12,247-12, | 445 (.35" | 17) | | 12247- | 1244 | 5 s | a. to 5000 |)# w/5 | 50 Sx. C1 H |
| Morflo Acid. 33. PRODUCTION Date First Production Method (Elowing, gas lift, pumping = Size and type pump) Well Status (Prod. or Shut-in) 6-14-82 Flowing Date of Test Hours Tested Choke Size Prod*n. For OII - Bbl. Gas - MCF Water - Bbl. Gas - Cil Ratio 6-15-82 24 15/64" Test Feriod 0 2200 168 0 Flow Tubing Press. Calculated 24- OII - Bbl. Gas - MCF Water - Bbl. OII Gravity - AFI (Corr.) 3400 Packer - 34. Disposition of Gas (Sold, used for fuel, cented, etc.) Test Witnessed By Vented 35. List of Attachments Logs, Inclination Report 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. Buno 18 <td colspan<="" td=""><td></td><td>•</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td> | <td></td> <td>•</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | • | - | | | | | | | | |
| Morflo Acid. PRODUCTION Date First Production Method (Elowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) 6-14-82 Flowing Shut-in Date of Test Hours Tested Choke Size Prod'n. For Oll - Bbl. Gas - MCF Water - Bbl. Gas - Cil Ratio 6-15-82 24 15/64" Prod'n. For Oll - Bbl. Gas - MCF Water - Bbl. Gas - Cil Ratio 6-15-82 24 15/64" Prod'n. For Oll - Bbl. Gas - MCF Water - Bbl. Gas - Cil Ratio 6-15-82 24 15/64" Prod'n. For Oll - Bbl. Gas - MCF Water - Bbl. Oll Gravity - API (Corr.) 3400 Packer Oll Gravity - API (Corr.) Test Witnessed By Vented 35. List of Attachments Logs, Inclination Report 36. I hereby certify that the aformation shown on both sides of this form is true and complete to the best of my knowledge and belief. Buttle Augle Buttle Augle | 12,070-12, | 160 (.24" | 24) | | 12070- | 1216 | 0 A | cidized w | /5000 | gals 7.5% | | |
| PRODUCTION Date First Production Production Method (Elowing, gas lift, pumping = Size and type pump) Well Status (Prod. or Shut-in) 6-14-82 Flowing Shut-in Date of Test Hours Tested Choke Size Prod'n. For Oll - Bbl. Gas = MCF Water = Bbl. Gas = Cil Ratio 6-15-82 24 15/64" Test Period 0 2200 168 0 Flowing Press. 3400 Packer Calculated 24- Hour Hate Oil - Bbl. Gas = MCF Water = Bbl. Oll Gravity = API (Corr.) 34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By Test Witnessed By Vented 35. List of Attachments Logs, Inclination Report 36. Thereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. June 18, 1982 | | | | · · | | | | | | | | |
| 6-14-82 Flowing Shut-in Date of Test Hours Tested Choke Size Prod'n. For Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio 6-15-82 24 15/64" Test Period 0 2200 168 0 Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.) 3400 Packer | 33. | | | PROD | UCTION | | | | | | | |
| Date of Test Hours Tested Choke Size Prod'n. For Test Period Oll - Bbl. Gas - MCF Water - Bbl. Gas - Cil Ratio 6-15-82 24 15/64" Test Period 0 2200 168 0 Flow Tubing Press. Gasing Pressure Calculated 24- Hour Hate Oll - Bbl. Gas - MCF Water - Bbl. Oll Gas - Cil Ratio 3400 Packer - - - - - 34, Disposition of Gas (Sold, used for fuel, cented, etc.) Test Witnessed By - - - Vented - - - - - - - 35, List of Attachments - - - - - - - 36, I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. - - - - Building Alagos, Inclination shown on both sides of this form is true and complete to the best of my knowledge and belief. - - - Building Alagos, I - - - - - - 10,000, I - - | Date First Production | Produ | action Method (Elor | eing, gas lift, pump | oing - Size ai | nd type | : pump) | Wel | l Status | (Prod. or Shut-in) | | |
| 6-15-82 24 15/64" Test Period 0 2200 168 0 Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl. Oil - Bbl. Oil Gravity - API (Corr.) 3400 Packer - - 34. Disposition of Gas (Sold, used for fuel, cented, etc.) - - Vented - - 35. List of Attachments - - Logs, Inclination Report - - 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. - Butta AllOS - - | 6-14-82 | | Flowing | | | | | | | | | |
| 6-15-82 24 15/64" 0 2200 168 0 Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.) 3400 Packer - - - - - 34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented - - - 35. List of Attachments Logs, Inclination Report - - - - 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. - - 1982 | Date of Test | Hours Tested | 1 | | 011 – Bbl. | 1 | Gas - MCF | Water – Bl | ы. | Gas—Cil Ratio | | |
| 3400 Packer Hour Hute - 34. Disposition of Gas (Sold, used for fuel, cented, etc.) Test Witnessed By Vented Test Witnessed By 35. List of Attachments Logs, Inclination Report 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. Bitti, Aillon,) Pagulatory, Analyst | 6-15-82 | 24 | 15/64" | > | 0 | | | | | | | |
| 3400 Packer - 34. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By Vented Test Witnessed By 35. List of Attachments Logs, Inclination Report 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. Butta, AllOD,) Packer | Flow Tubing Press. | Casing Pressur | | - 0il = Bbl. | Gas | MCE. | - Wate | r – Bbl. | OII G | avity — API (Corr.) | | |
| Vented 35. List of Attachments Logs, Inclination Report 36. I hereby certify that the jaformation shown on both sides of this form is true and complete to the best of my knowledge and belief. Butta, A.O.O.,) Pogulatory Analyst | | | > | · | | | | | | | | |
| 35. List of Attachments Logs, Inclination Report 36. Thereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. Butta, A.O.O., P. Rogulatory Analyst June 18, 1982 | 34. Disposition of Gas | (Sold, used for fu | el, vented, etc.) | | | | | Test Witne | ssed By | | | |
| Logs, Inclination Report 36. Thereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. Butta, A.O.O., A.D. Bogulatory Analyst | | · | | | | | | | | | | |
| 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. Butta, A.O.O.,) Butta, A.O.O.,) Butta, A.O.O.,) Butta, A.O.O.,) Butta, A.O.O.,) | 35. List of Attachments | s | | | | _ | | | | | | |
| Betty, A'QQQ,) Bogulatory Analyst | | | | | | | | | | | | |
| SIGNED Betty Gildon TITLE Regulatory Analyst DATE June 18, 1982 | 36. I hereby certify thu | a the jaformation : | shown on both side | s of this form is tru | ie and comple | ete to l | he best of m | y knowledge and | belief. | | | |
| SIGNED Betty Gildon TITLE Regulatory Analyst DATE June 18, 1982 | D | Xinn | | | | | | | | | | |
| BettyGildon | SIGNED DELL | in Milde | <u>~</u> | TITLER | egulator | y An | alyst | DAT | Jur | ne 18, 1982 | | |
| | LBet | ty Gildon | | | | | | | | | | |

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-trilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests coducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The term is to be filled in quintuplicate exception state land, where six copies are required. See Hule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| | | Sou | theaștern New Mexico | · . | | | Northwe | estem Nev | v Mexico | | | |
|-------------------|----------------|----------------------|---|---------------------------------------|---------------|-------------|----------------------|----------------|---------------------------------------|-------------------|----------|--|
| T Anin | . & (|) to | Cherry | 3163 | T O io A | Jamo | | Т. | Penn. "B" | | | |
| T Sale | 21 | LOO' | T Strawn 1 | 1187 | T Kirtla | nd Eruiti | and | T. | Penn. "C" | | | |
| R Salt | | | T Atoka 1 | 1450 | T Fictu | red Cliffs | | T. | _ T. Penn. "D" | | | |
| T Valo | | | T.Morrow Lime | 11882 | T. Cliff | Louse | | Т. | Leadville_ | | | |
| T 7 Ri | | | T. Merrow Clast | ics 12050 | T. Menef | ee | | Т. | Madison | | | |
| | | | T. Silurian | | | | | | | | | |
| T. Que | | | T. Montoya | | T. Mance | 5 | | T | McCracken | | | |
| | | | T. Simpson | | | | | | | | | |
| | into | · | T. McKee | | Base Gree | nhorn | | т. т | Granite | | · | |
| T Dade | lock | | T. Ellenburger | · · · · | T Dakot | a | | T. | | | | |
| | | | T. Gr. Wash | | | | | | | | | |
| | | | T. Granite | | | | | | | | | |
| T. 1400 | leard | | T. Delaware Sand | 2400 | T Entra | | | т | | | | |
| T Abo | Karu | · · · · · | T. Bone Springs | | T. Winga | to | | т. | · · · · · · · · · · · · · · · · · · · | | <u> </u> | |
| T. NOU | | 270 | T Cherry Cany | on Marker | T. Chink | . e <u></u> | | <u></u> л т | | | | |
| T Dem | camp <u></u> ≤ | | T. <u>Cherry Cany</u> T. Bone Spring | 5945 3303 | T. Domi | 3n | | 1 T | | | | |
| T. Peni | 1 | ~ | | ng Sd. 691 | 5 Done | ((A)) | | 1. · | | | | |
| I Cisco | o (Bougn (| 3rd | Bone Spring 8920 | | CANDC | 00 701 | | I | | | · | |
| | N | . 10 | Bone Spring 8920 01 | IL OR GAS | SANDS | UR ZUP | 152 | | | | | |
| No. 1, fro | m Morro | | 070 to 12160 | | No. 4, fro | m | | | to | | | |
| No. 2, fro | m | ····· | to | | No. 5, fro | m | | | to | ******** | | |
| No. 3. fro | m | | to | | No. 6. fro | m | | | to | | | |
| • | | • | | | | | | | | | | |
| | | | | IMPORTANT | WATE Ŕ | SANDS | | | | | | |
| . | | | | | | •••••• | | · · · | | | | |
| include di | ata on rat | e of water | inflow and elevation to whi | ch water rose | in hole. | | | | | | | |
| No. 1, from | m | None | to | | | | feet. | *** | | | | |
| | | | | | | | | | | | | |
| | | | to | | | | | | | | | |
| No. 3, froi | m | | to | | •••••• | | fect. | | | ••••••••••••••••• | | |
| | | | to | | | | | | | | | |
| NO. 4, ITO | m | | | | | | | | ***************** | ••••••• | | |
| | | ······· | FORMATION REC | ORD (Attach | odditional | sheets i | necessar | y) | | | | |
| From | То | Thickness in Feet | Formation | - | From | То | Thickness in Feet | | Format | ion | | |
| 0 | | | | | | | | | | | | |
| 0 | 668 | | Redbeds | | 10500 | 11169 | 669 | Shale | | | | |
| 668 | | 1151 | Anhy | | 11169 | 11827 | 658 | Lime, | Shale | | • | |
| 1819 | 2320 | 501 | Salt | Į. | 11827 | 12096 | 269 | Shale | | | | |
| 2320 | 3581 | 1261 | Sand | | 12096 | 12243 | 147 | Chert | , Lime, | Shale | | |
| 3581 | | 1099 | Sand, Salt | | 12243 | 12436 | 193 | Shale | | | | |
| 4680 | 5483 | | Sand, Shale | . | 12436 | 12572 | | | Shale | | | |
| 5483 | 6147 | 664 | Sand | | | 12680 | | Sand | | | | |
| 6147 | 6744 | 597 | Lime | | | TD | | | | | | |
| 6744 | 7164 | | Shale, Lime | | | | | | | | * | |
| 7164 | 7585 | 421 | Sand, Shale | | | | | | | | • " | |
| 7585 | 8621 | | Lime, Shale | . | | | | | | | | |
| 8621 | 9509 | 888 | Lime, Sand | | | | | | | | | |
| 9509 | 10500 | | Lime, Shale | · · · · · · · · · · · · · · · · · · · | | | | | | | ÷ | |
| | | _ | | | | | | | · · | | | |
| | | | | | | | | | | | | |
| | 1 | | | | 1 | | l ł | | | | | |

t

| • | | | 10,000 | n (m.a.t. 157 | n an the second seco Second second | () | | | | |
|----------------------------------|---------------------------------------|---------------------------------------|---------------|---------------|--|-------------|---------------|---|------------------|---------------------------|
| ; | <u> </u> | | | | | | | | | * • |
| NO. OF COPIES RECEIVE | D | | | | | | · | | orm C | |
| DISTRIBUTION | | | | | | | | i | tevise | 1 11-1-16 |
| SAN'TA FE | | NEW | MEXICO | OIL CON | ISERVATIO | N CO | AMISSION | 50.1 | ndicate r* | Type of Lease |
| FILE, | | VELL COMPL | | | | | | | tate L | Free [X] |
| U.S.G.S. | | | | , | | | | 5. St | ite Oil | A Gus Lease No. |
| LAND OFFICE | | | | | | | | | | |
| OPERATOR | | | | | · · | | | 772 | \overline{III} | |
| | | | | | | | ٠ | | //// | |
| G. TYPE OF WELL | | | | | | | | 7. Ui | it Age | eenent liame |
| | 01L WEL | GA5 | x | | 07460 | | | | | |
| b. TYPE OF COMPLET | | | | | UTACK _ | <u> </u> | | 8. F | nt n or l | Lease Name |
| NEW WOR | | | | ESVR | OTHER | | THAT | Par | due 🕄 | 30 Com. |
| , Name of Operator | · · · · · · · · · · · · · · · · · · · | | | | 57115 | AID | ENTIN. | 11 9. We | ell No. | |
| HNG OIL COMPA | NY | | | | HIE E | 10. | à 75. | ، الإلل فم | 1 | |
| . Address of Operator | | | ··· | | | Rilf | <u>a 6 19</u> | 62 11 0. F | ield a | nd Pool, or Wildcat Une |
| P. O. Box 226 | 7, Midland | , Texas 79 | 702 | v | · //// | AU | | Nor | th Lo | oving Morrow |
| . Location of Well | | | | | 215 | - AL | | | 1111 | |
| | | | | | OIL (| CONS | SANTA " | · | //// | |
| NIT LETTER E | 198 | 0 FEET | | north | | . 98 | 0 n | EET FROM | 1111 | |
| R11 | | FEET | ROM THE | | | in in | inni | | ounty | |
| HE WEST LINE OF S | SEC. 30 T | wp. 235 | | | VIIII | //// | IIIIII. | Edd | łv | |
| 5. Date Spudded | | leached 17. Date | | | | Elevat: | ions (DF. R | | | Elev. Cashinghead |
| 4-21-82 | 6-3-82 | 1 | -15-82 | | 1 | | .3' GR | | | 3089.3' |
| 0. Total Depth | | g Back T.D. | | If Multiel | e Compl., Ho | | ····· | s , Rotary Tool | s | Cable Tools |
| 12,680' | | 12,174' | | Many | | | Drilled | | - | |
| 4. Producing Interval(s | | | m. Name | | | | | | | 25, Was Directional Surve |
| | // or this compre | | in, realic | | | | | | (* | Made |
| 12,070 - 12,1 | 60 | | | | | | | i j | | No |
| 5. Type Electric and O | | · · · · · · · · · · · · · · · · · · · | | | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | 107 10 | NO as Well Cored |
| Compensated N | • | mation-Don | sity D | | torolog | | | | 27. " | |
| | | | | | | | | | ļ | No |
| 8 | -1 | | | 1 | ort all string | s set in | | ······································ | | |
| CASING SIZE | WEIGHT LB. | FT. DEPT | HSET | ног | ESIZE | | CEMEN | TING RECORD | | AMOUNT PULLED |
| <u>13-3/8"</u> | 48# | 568 | 3' | 17-1 | ······ | | | 150 C1 C | | Circ |
| 9-5/8" | 47# | 2330 | | 12-1 | | | | <u>& 400 C1 C</u> | | Circ |
| 7'' | 23# | 10500 |)' | 8-1 | /2" | 850 |) Lite | <u>§ 525 Cl H</u> | | _ |
| | .l | | | ! | | <u> </u> | | | | |
| 9 | L | INER RECORD | - | | | | 30. | TUBIN | G REC | ORD |
| SIZE | TOP | BOTTOM | SACKS | EMENT | SCREEN | · | SIZE | DEPTHS | ET | PACKER SET |
| 4-1/2" | 10195 | 12678 | 375 | <u>С1 Н</u> | | | 2-3/8" | 10,196' | | <u>ISA 10,196'</u> |
| | <u> </u> | | <u> </u> | | · | | | | | |
| . Ferforation Record (| Interval, size and | l number) | | | 32. | ACID, | SHOT, FR | ACTURE, CEME | NT SQ | UEEZE, ETC. |
| | | | | | DEPTH | H INTE | RVAL | AMOUNT A | ND KI | ND MATERIAL USED |
| 12,247-12,4 | 45 (.35" | 17) | | | 12247- | <u>1244</u> | 5 | sq. to 5000 | <u>)∦_w/</u> | 50 Sx. C1 H |
| | | | | | | | | | | ····· |
| 12,070-12,1 | .60 (.24" | 24) | | | 12070-1 | 12160 |) | Acidized w | / 5000 |) gals_7.5% |
| | | | | | | <u> </u> | | Morflo A | id. | |
| 3. | | | | PROD | UCTION | | | | | |
| ate First Production | Produ | ction Method (Flo | wing, gas | lift, pump | ing - Size ar | nd type | pump) | N. Wel | l Statu | s (Prod. or Shut-in) |
| 6-14-82 | | Flowing | • | | ÷., | | | | Shut | i-in |
| ate of Test | Hours Tested | Choke Size | i'rod'n. | | Oil - Pbl. | | Jas - MGP | Water - B | | Gas-Cil Ratio |
| 6-15-82 | 24 | 15/64" | Test P | +riod | 0 | 1 | 1 2200 | $\left \right \left \left \right \right $ | \mathbf{F} | 0 |
| low Tubing Press. | Casing Pressur | e Calculated 2 | 4-101 = i | 3b1. | Gus - | MCF | | er = Bbl. | | Gravity - API (Corr.) |
| 3400 | Packer | Hour Hate | • | | | | · · | | | _ |
| Lisposition of Gas (| | l. vented, etc.) | | | ····· | D | · | Test Witne | ssed h | ³ Y . |
| Vented | | , | | 2 | 200,000 | == | 13,095 | gas fique | l No | teo |
| Vented 5. List of Attachments | · · · · · | | | | 168 | | | <i>₩</i> | | |
| | and a contract | | | | | 120 | | | | |
| Logs, Incli | | | | | wand | | | ny knowledge and | l beli | |
| o, i nereby certify that | the papermation s | andan en ootn std | ca oj mis j | com 18 thu | | 77- | | etween Hg | | there about. |
| P | 2'00- | , | | _ | _ | | | | | |
| SIGNED | y Milde | <u>~</u> | T | TLE RE | egulator | y An | alyst | DAT | | une 18, 1982 |
| Bett | ; y⊶⊌11aon — | · · | | | | | 17 07 | 0 | | |
| | | - | | | | | 1207 | 2 | | |
| | | | | | | | 1874 | L | | |

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-delided or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including duli stem tests. All depths reported shall be measured lepths. In the case of directionally drilled wells, true vertical depths shall be reported. For multiple completions, items 30 through 24 shall be reported for each zone. The tens is to be filed in quintuplicate exception state field, where six copies are required. See Fully 1105.

٤

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

• .

| | | Sout | heastern New Mexico | | | Northwe | stem Nev | v Mevico | | - | |
|-------------|-------------|----------------------|---|-------------|----------------|-------------|-----------------|------------|--------------|-------------|----|
| | ۵ ۵ | to | Cherry 3163 | T () A | 9 | | т | Doon (D) | | | : |
| T. Anhy | <u> </u> | | I. Canyon5105 T. Strawn11187 | T Ujo A | | | !· T | Dunn "C" | , | · · · | |
| | | | 11/50 | T Diata | | anna | I. T | Done (ID) | , <u> </u> | | |
| B. Salt | | | T_Atoka11450 T_M <u>orrow Lime 11882</u> | T. FICUL | ea cams | | 1. T | Londvillo | | | •• |
| | | | - Marrow Clastics 12050 | T Manaf | | | т | Madison | | | |
| T. 7 Ki | vers | | T. Silurian | T. Mener | T androw | | I. T | Filicet | | | |
| T. Qued | 'n | | T. Siturian | T. Mont | Lookout | | | MuCanalus | | | |
| T. Gray | burg | | I. Montoy'a T. Simpson | L. Maneo | | | I. T | Incoracker | · | | • |
| 1. San | Andres | | 1. Simpson | | , <u> </u> | | I. · · · · · | rgnacio Vi | 210 | | |
| T. GIOri | .eta | | T. McKee T. Ellenburger | T Dalat | | | I. T | oranic | | | |
| | | | T. Gr. Wash | | | | | | | | |
| T. DIIN | 20ry | • | T. Granite | T. Todili | | | 1. т т | | | | |
| T. Drivi | | | T. Delaware Sand 2400 | T Fotra | 0 <u> </u> | | 1 T | | | | |
| | | | T. Bone Springs | | | | | | | | |
| | | | T. Cherry Canyon Marker | | | | | | | | |
| T. Don | camp2 | | | T Pomi | 20 | | 1 T | | | | |
| | | | lst_Bone Spring Sd.691 | | | | | | | | |
| I Cisco | (Dougn (| 3rd H | Bone Spring 8920 OIL OR GAS | CANDE | 00.701 | | 1 | | | · . | |
| | Monne | 10 | TO INCOME OF CAS | - SAHDS | UK ZUN | 23 | | | | | |
| | | | 0.70 to 12160 | | | | | | | | |
| No. 2, fro | m | | to | No. 5, fro | m | | | to | | | |
| No. 3, from | m | | | No. 6, from | m | | | to | | | |
| | | | | | | | | | | | |
| • | | | IMPORTAN | T WATER | SANDS | | | | | | |
| Include d | ata on mit | e of water | inflow and elevation to which water rose | in hole | | | | | анан Каза | | |
| | | | | | | | | | - | • . | |
| No. 1, froi | m | None | to | | | fcet. | ****** | ··· | , | | |
| No. 2, fro | m | | | | | fcet. | | | r ' | | |
| No. 3. fro | m | | to | | | fect. | | | | | |
| | | | | | | | | | | | |
| No. 4, from | m | | to | | | | | ***** | | | |
| <u> </u> | | , | FORMATION RECORD (Attach | additional | sheets it | f necessary | /) | | | | |
| From | То | Thickness in Feet | Formation | From | То | Thickness | | Forma | tion | | |
| | | in reet | | | | in Feet | | <u>~</u> | | | - |
| 0 | 668 | 668 | Redbeds | 10500 | 11100 | | 01 1 | | | | |
| 668 | | 1151 | Anhy | | 11169 | | Shale | | | | |
| 1819 | 2320 | | Salt | | 11827 | | | Shale | | | |
| 2320 | | 1261 | Sand | | 12096 | | Shale | | a 1 1 | | |
| 3581 | 4680 | 1099 | Sand, Salt | | 12243 12436 | | | , Lime, | Shale | | |
| 4680 | 5483 | | Sand, Shale | | | | Shale | | | • | |
| 5483 | 6147 | | Sand | | 12572 | | | Shale | | • | |
| 6147 | 6744 | | Lime | 125/2 | 12680 | 108 | Sand | , | | | |
| 6744 | 7164 | | | | TD | | | | | | |
| 7164 | 7585 | | Shale, Lime | | | | | | | | •• |
| 7585 | | 1036 | Sand, Shale | | | | | | | r. | |
| 8621 | 9509 | 888 | Lime, Shale | | | | | | | | |
| 9509 | 10500 | | Lime, Sand | | | | | | | | |
| | 1 - 0 - 0 0 | /74 | Lime, Shale | 1 | | | | | | | |
| | | | | | | | | | | | |