

Put to Production 9-1-75

12-28-77 - Recompletion workover

FILE NOTATIONS

Entered in HED File ✓
Location Map Planned ✓
Card Indexed ✓

Checked by Chief 7
Approval Letter 1-23-75
Disapproval Letter

COMPLETION DATA:

Date Well Completed 9-23-75
W. ✓ WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (W) ✓
..... GR-N..... Micro.....
..... Sonic.....
.....

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

American Quasar Petroleum Co. of New Mexico

3. Address of Operator

332 Pacific Western Life Bldg., Casper, Wyoming 82601

4. Location of Well (Report location clearly and in accordance with State requirements.)*

At surface 535' FNL & 760' FWL, NW/4 NW/4

At proposed prod. zone

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Union Pacific RR

9. Well No.

3-1

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Bk. and Survey or Area

Sec. 3, T2N, R7E, SLM

14. Distance in miles and direction from nearest town or post office*

15 miles east of Coalville, Utah

12. County or Parrish 13. State

Summit Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if any)

535' FNL

16. No. of acres in lease

5,794.73

17. No. of acres assigned to this well

320.00

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

1 mi. NE

19. Proposed depth

10,000'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

6661 Ungraded GR

22. Approx. date work will start*

1/15/75

23.

PROPOSED CASING AND CEMENTING PROGRAM

| Size of Hole | Size of Casing | Weight per Foot | Setting Depth | Quantity of Cement |
|--------------|----------------|-----------------|---------------|--------------------|
| 17-1/2" | 13-3/8" | 48# | 60' | 60 sx |
| 12-1/4" | 9-5/8" | 36# | 1,300' | 900 sx |
| 8-3/4" | 7" | 23,26,29# | 10,000' | 400 sx |

American Quasar Petroleum Co. proposes to drill a 10,000-ft. well on the above-described location to test the Nugget formation. Drilling & cementing will be performed as above. Testing of potential zones will be at the discretion of the wellsite supervisor. Electric logs will be run to TD. Mud weight will be sufficient for pressures encountered.

The BOP's will be opened & closed during each 24-hr. period to insure proper function during the drilling of this well. Pressure tests with chart recording will be performed each 30 days.

(Verbal approval obtained from Mr. Cleon Feight on 1/13/75.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

A. H. Hurley, Jr.

Title Div. Operations Mgr.

Date 1/20/75

(This space for Federal or State office use)

Permit No.

B-043-30012

Approval Date

Approved by

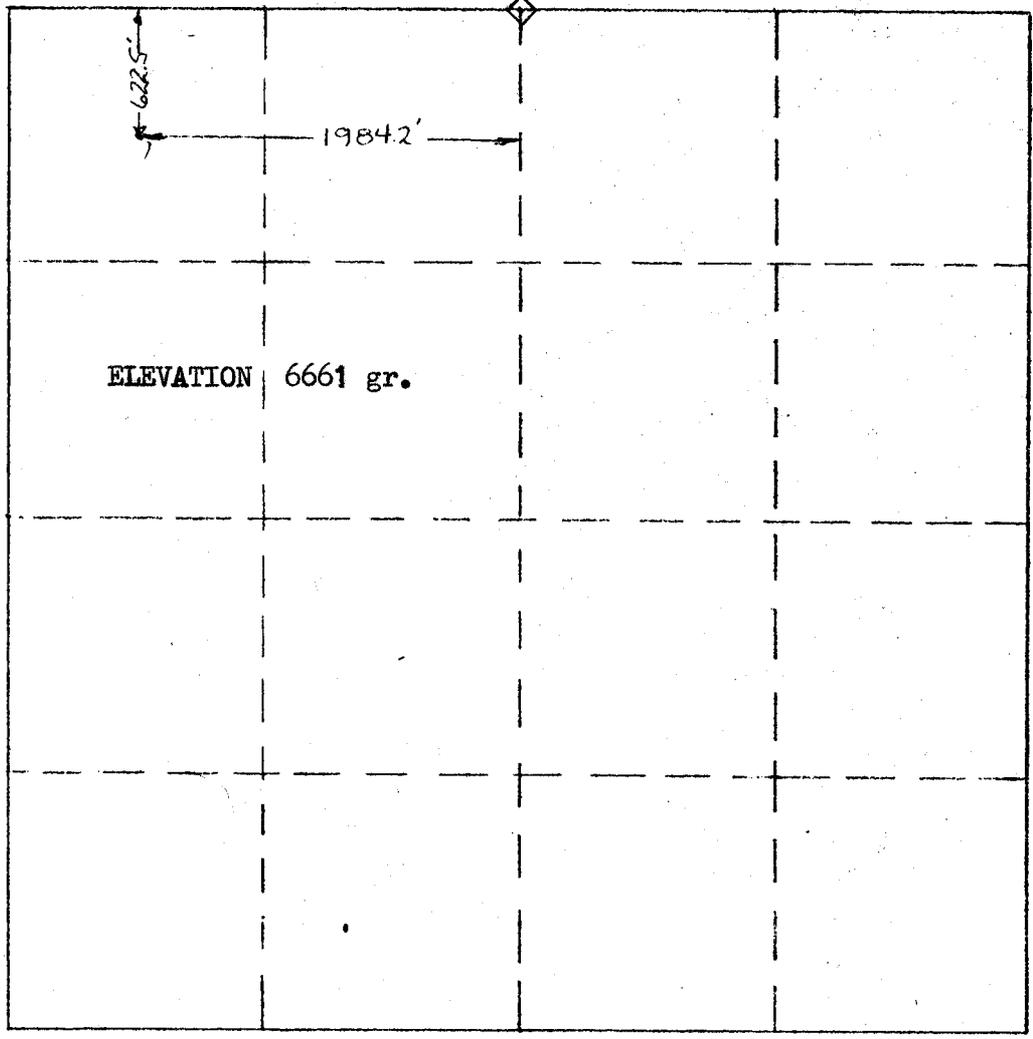
Title

Date

Conditions of approval, if any:

R. 7. E.

NORTH 1/4 CORNER, SEC. 3



T.
2.
N.



SUMMIT ENGINEERING INC. surveyed the following location for American Quasar Petroleum Co. for the purpose of locating an oil well.

The center of the Northwest quarter of the Northwest quarter of Section 3, T. 2. N., R. 7. E., S1B&M. A point also described as: A point 622.5 feet South and 1984.2 feet West of the North quarter corner, Section 3 T.2.N., R.7.E., S1B&M.

DATE *Jan 14 1955*

D. J. SILVER
No. 3191

January 23, 1975

American Quasar Petroleum Company
332 Pacific Western Life Building
Casper, Wyoming 82601

Re: Well No. Union Pacific RR #3-1
Sec. 3, T. 2 N, R. 7 E,
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
HOME: 466-4455
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-043-30012.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1582 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No. _____
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____ X _____

7
PE

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
March, 19 75

Agent's Address 330 Pacific Western Life Bldg. Casper, Wyoming 82601 Company American Quasar Petroleum Company
Signed A. H. Hurley, Jr.
Title Division Operations Manager
Phone No. 307-265-3362

| Sec. and 1/4 of 1/4 | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|----------------------------------|------|-------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|---|
| SEC. 3 NW NW Union Pacific | 2N | 7E | R.R. 3-1 | | | | | | | <p>Drilled 2,820' - 3,538'. DST No. 1 - 3,450' - 3,538'. Tool open 10 minutes, weak to steady air blow throughout; SI 30 minutes; open 60 minutes, steady blow of air throughout; SI 120 minutes. No fluid to surface. Recovered 600' water cut mud plus 2,100' fresh water. Pressures: IH 1644; IF 54/390; ISI 1527; FF 359/1180; FSI 1507; FH 1639; BHT 66° F.</p> <p>Drilled 3,538' - 6,520' - Incomplete.</p> |

GAS: (MCF)

Sold -0-
Flared/Vented -0-
Used On/Off Lease -0-

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month -0-
Produced during month -0-
Sold during month -0-
Unavoidably lost -0-
Reason: _____
On hand at end of month -0-

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DUPLICATE.

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

State Lease No. _____
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. X

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
April, 1975

Agent's Address 330 Pacific Western Life Bldg. Company American Quasar Petroleum Company
Casper, Wyoming 82601 Signed A. H. Hurley, Jr.
 Phone No. 265-3362 Title Division Operations Manager

| Sec. and 1/4 of 1/4 | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|----------------------------------|------|-----------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| SEC. 3 NW NW Union Pacific | 2N | 7E R.R | 3-1 | | | | | | | Drilled from 6,520' to 7,818'. Ran Schlumberger DIL and Dipmeter logs. Drilled to 8,825' - Inc. |
| | | | | | | | | | | <i>New well undesignated</i> |

GAS: (MCF)
 Sold _____ None
 Flared/Vented _____ None
 Used On/Off Lease _____ None

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____ None
 Produced during month _____ None
 Sold during month _____ None
 Unavoidably lost _____ None
 Reason: _____
 On hand at end of month _____ None

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1538 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

State Lease No. _____
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. X

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
May, 19 75.

Agent's Address 330 Pacific Western Life Bldg. Casper, Wyoming 82601 Company American Quasar Petroleum Company
 Signed [Signature] Title Division Operations Manager
 Phone No. 265-3362

| Sec. and 1/4 of 1/4 | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|----------------------------------|------|-------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|---|
| SEC. 3 NW NW Union Pacific | 2N | 7E | R.R. 3-1 | | | | | | | Drilled 8,825' - 9,870'. Ran DST No. 2 - 9,840' - 9,870' with no water cushion. Tool open 5 min. with weak immediate blow increasing to strong in 1 min. and remained strong throughout. SI 60 min. Tool open 5 hrs. and 25 min. Gas to surface in 19 min., fluid to surface in 48 min. Turned to pit. Produced mud and water, changing to frothy mud cut oil. Turned through test unit after 100 mins. of second opening. SI 3 hrs. and 10 mins. Dropped bar and reversed oil, gas and oil cut mud from drill pipe. Pressures: IH (@ 9815') 4732; IF 1066/2227; ISI 4092; FF 2720/4072; FSI 4112; FH 4692; BHT 192° F. Drilled to 9,877'. Cut Core #1 - 9,877' - 9,922'. Cut Core #2 - 9922' - 9944'. Drilled 9,944' - 10,012'. Cut Core #3 - 10,012' - 10,051'. Now going in hole with bit at 10,051' to condition hole to run DST No. 3 - Inc. |

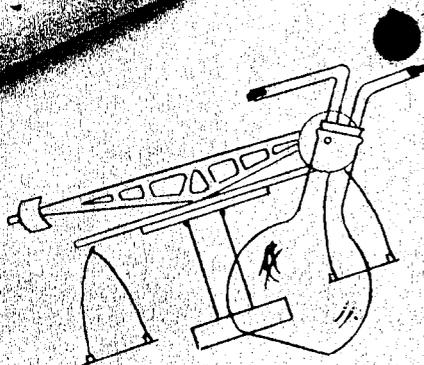
GAS: (MCF)

Sold _____ None _____
 Flared/Vented _____ None _____
 Used On/Off Lease _____ None _____

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month _____ None _____
 Produced during month _____ None _____
 Sold during month _____ None _____
 Unavoidably lost _____ None _____
 Reason: _____
 On hand at end of month _____ None _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**



Ford Chemical

LABORATORY, INC.
Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115
PHONE 485-5761

May 7, 1975

CERTIFICATE OF ANALYSIS
75-1738

Utah Geological & Mineral Survey
103 UGS Building
University of Utah
Salt Lake City, UT 84112

Gentlemen:

The following analysis is on sample of oil field brine received on April 30, 1975:

Sample: Union Pacific, #3-1, Nw, Nw of Section 3TS2N Range 7E, Summit County; American Quasar, 332 Pacific Western Life Building, Casper, Wyo; Drilstem test #1, 4-29-75, 6661 Ground; DST 3450-3538 rec. 600 wtr cut mud, 2100 water.

| | Results |
|--------------------------------|------------|
| Specific Gravity at 60°/60° F. | 1.005 |
| pH | 7.62 |
| Resistivity at 80° F. | 0.130 ohms |
| Sodium as Na | 440 mg/l |
| Calcium as Ca | 32.0 mg/l |
| Strontium as Sr | 0.0 mg/l |
| Barium as Ba | 0.66 mg/l |
| Potassium as K | 3.25 mg/l |
| Lithium as Li | 0.15 mg/l |
| Rubidium as Rb | 0.0 mg/l |
| Cesium as Cs | 0.0 mg/l |
| Iron as Fe | 1.17 mg/l |

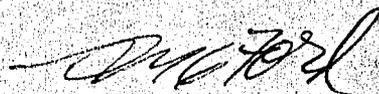
| | Results |
|---------------------------------|--------------|
| Manganese as Mn | 0.20 mg/l > |
| Magnesium as Mg | 4.80 mg/l |
| Boron as B | 3.50 mg/l |
| Copper as Cu | 0.14 mg/l |
| Zinc as Zn | 0.39 mg/l |
| Nickel as Ni | 0.72 mg/l |
| Ammonia as NH ₃ -N | 1.52 mg/l |
| Chloride as Cl | 640.0 mg/l > |
| Bromide as Br | 1.40 mg/l |
| Iodide as I | 0.00 mg/l |
| Fluoride as F | 4.30 mg/l > |
| Sulfate as SO ₄ | 140.0 mg/l |
| Bicarbonate as HCO ₃ | 412.0 mg/l |
| Carbonate as CO ₃ | 0.0 mg/l |
| Hydroxide as OH | 0.00 mg/l |

Nitrate ?

Sincerely,

1686 mg/l

FORD CHEMICAL LABORATORY, INC.


Lyle S. Ford

LSF:lh

100 West 10th Street
Salt Lake City, UT 84111
Tel: 378-3701 or 411-1104

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

(1) Plastic container
Union Pacific
Summit
Utah
Operator: American Quasar Petroleum
332 Pacific Western Life Bldg., Casper, Wyo. 82601
Mr. Victor Gras Consulting Geologist
777 Ninth Ave., Salt Lake City, Utah 84103
Drillstem test #1
Drilling at present 4/29/75
6661 Ground
Kelvin Formation
DST 3450-3538 rec. 600 wtr cut mud, 2100 water
C.H. Howe
Carlton Stowe, Utah Geological Survey

#3-1

K
P

COMPUTERIZED DATA ANALYSIS

JUNE 19, 1975

GENTLEMEN:

THE ENCLOSED TEST APPEARS TO BE A GOOD MECHANICAL DRILL STEM TEST DURING WHICH THE TOOLS DID FUNCTION PROPERLY. THE FORMATION PRODUCED ENOUGH RESERVOIR FLUID FOR PROPER IDENTIFICATION. RESERVOIR PRESSURE DRAWDOWN WAS SUFFICIENT AND AN ADEQUATE SHUT-IN BUILD-UP DID OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS.

1. FLOW RATE: AN ESTIMATED FLOW RATE OF 294 BBL/DAY OF OIL WAS NOTED DURING THIS TEST.
2. RESERVOIR PRESSURE: MECHANICAL STABILIZATION OF THE FINAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 4192 P.S.I.G. AT RECORDER DEPTH.
3. PERMEABILITY: THE CALCULATED TRANSMISSIBILITY FACTOR OF 5975.5 MD.-FT./CP. INDICATES AN AVERAGE EFFECTIVE PERMEABILITY TO OIL OF 13.8 MD. FOR THE REPORTED 127 FOOT TEST INTERVAL. THE CALCULATIONS WERE BASED ON A SLOPE OF 8 P.S.I./LOG CYCLE OBTAINED FROM THE FINAL SHUT-IN BUILD-UP PLOT. IT WAS ASSUMED FOR THESE CALCULATIONS: (A) THE 48°API AT 60°F. OIL CONTAINED 1168 CU.FT./BBL. OF ORIGINAL DISSOLVED GAS (B) VISCOSITY .18 CP., (C) FORMATION VOLUME FACTOR 1.63 BBL/BBL. THESE FIGURES WERE OBTAINED FROM THE AVAILABLE TECHNICAL LITERATURE.
4. WELL BORE DAMAGE: THE CALCULATED ESTIMATED DAMAGE RATIO OF 18.7 INDICATES THAT MAJOR WELL BORE DAMAGE IS PRESENT AT THE TIME AND CONDITIONS OF THIS TEST. THIS VALUE INFERS THAT THE RATE OF PRODUCTION OBSERVED AT THE FORMATION FACE DURING THIS TEST MAY BE INCREASED 18.7 TIMES IF THE WELL BORE DAMAGE ALONE WERE REMOVED.
5. RADIUS OF INVESTIGATION: THE CALCULATED RADIUS OF INVESTIGATION OF THIS TEST IS 463 FEET BASED ON AN ASSUMED POROSITY OF 10%, COMPRESSIBILITY OF 22.5×10^{-6} , AND OTHER ASSUMPTIONS MADE IN NUMBER 3 ABOVE.
6. GENERAL COMMENTS: THE FORMATION EXHIBITS THE CHARACTERISTICS OF RELATIVELY GOOD PERMEABILITY EFFECTIVE TO THE RESERVOIR FLUID AND INDICATES THE PRESENCE OF WELL BORE DAMAGE.

THE CONTROLLING FACTOR IN THIS TEST WOULD BE THE PRESENCE OF DAMAGE. REMOVAL OF WELL BORE DAMAGE COULD INCREASE FLOW PRODUCTIVITY DRASTICALLY. LOCAL CONDITIONS SHOULD DETERMINE THE MOST EFFECTIVE TREATMENT.


JOHN F. VISCARDE
INTERPRETATION AND
EVALUATION DEPARTMENT

AMERICAN QUASAR PETROLEUM COMPANY
UNION PACIFIC RAILROAD #3-1; SUMMIT COUNTY, UTAH
TEST #5; 10105' TO 10232'

FIELD REPORT #03525 C

Reservoir Engineering Data


JOHNSTON
...found a better way

Recorder No. J-443

Field Report No. 03523 C

| | | | | | | | |
|--|-------|------|---------------|----------------------------|--------------------|-------|---------------|
| Estimated Damage Ratio | EDR | .81 | | Effective Transmissibility | $\frac{Kh}{\mu B}$ | 975.6 | Md-ft. Cp. |
| Maximum Reservoir Pressure | P_o | 4218 | P.S.I.G. | Effective Transmissibility | $\frac{Kh}{\mu B}$ | - | Md-ft. Cp. |
| Slope of Shut-in Curve | M | 32 | PSI/log cycle | Flow Rate | Q | 192 | Bbl./day |
| Potentiometric Surface (Datum Plane, Sea Level) | PS | - | ft. | Pressure Gradient | | .419 | PSI/ft. |
| Productivity Index | PI | 1.61 | Bbl./day/PSI | Gas Oil Ratio | GOR | 1509 | CF/Bbl. |
| Radius of Investigation | | 338 | ft. | K (Effective to OIL) | | 5.13 | Md. |

$$\text{SLOPE } M = 4253 - 4221 = 32$$

Assumptions made for Calculations for Liquid Recoveries

- Q is averaged at a constant rate.
- P_f is formation flowing pressure at a constant rate.
- Formation flow is taken as single phase flow.
If gas is produced at surface, phase separation is assumed to have occurred in drill pipe.
- Radial flow is assumed.
- For the purpose of calculating EDR where specific reservoir parameters are not available it is assumed that:

| | |
|--|--|
| Effective permeability, K, will fall between | 1 to 200 md |
| Formation porosity, ϕ , will fall between | 0.1 to 0.3 |
| Fluid compressibility, c, will fall between | 10^{-6} to 10^{-4} |
| Fluid viscosity, μ , will fall between | 0.05 to 50 cp. |
| Well bore radius, r_w , will fall between | 3 $\frac{7}{8}$ " to 4 $\frac{3}{8}$ " |

Which gives an average value for the function $\log \frac{K}{\phi \mu c r_w^2}$ of 5.5

- Other standard radial flow, equilibrium assumptions.

Empirical Equations:

$$1. \text{ EDR} = \frac{P_o - P_f}{M(\log T + 2.65)} \text{ where } M = \frac{P_1 - P_{10}}{\text{Log Cycle}}$$

$$2. \text{ Transmissibility } \frac{Kh}{\mu B} = \frac{162.6 Q}{M}$$

$$3. \text{ DST } J = \frac{Q}{P_o - P_f} \quad \text{Theoretical } J = \frac{7.08 \times 10^{-3} Kh}{\mu B \ln(r_e/r_w)} \quad \text{Assumed } \ln(r_e/r_w) = 7.60$$

$$4. \text{ P.S.} = [P_o \times 2.309 \text{ ft./PSI}] - [\text{Recorder depth to sea level.}]$$

$$5. \text{ Radius of investigation, } r_i \approx \sqrt{\frac{Kt}{40\phi\mu c}} \quad \text{where } t = \text{time in days}$$

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

Reservoir Engineering Data



Recorder No. J-392

Field Report No. 03525 C

| | | | | | | |
|--|-------|-------------------|----------------------------|--------------------|--------|----------------------|
| Estimated Damage Ratio | EDR | 18.7 | Effective Transmissibility | $\frac{Kh}{\mu B}$ | 5975.5 | $\frac{Md-ft.}{Cp.}$ |
| Maximum Reservoir Pressure | P_o | 4192 P.S.I.G. | Effective Transmissibility | $\frac{Kh}{\mu B}$ | - | $\frac{Md-ft.}{Cp.}$ |
| Slope of Shut-in Curve | M | 8 PSI/log cycle | Flow Rate | Q | 294 | Bbl./day |
| Potentiometric Surface (Datum Plane, Sea Level) | PS | - ft. | Pressure Gradient | | .414 | PSI/ft. |
| Productivity Index | PI | .328 Bbl./day/PSI | Gas Oil Ratio | GOR | 1168 | CF/Bbl. |
| Radius of Investigation | | 463 ft. | K (Effective to | | 13.8 | Md. |

$$\text{SLOPE } M = 4200 - 4192 = 8$$

Assumptions made for Calculations for Liquid Recoveries

- Q is averaged at a constant rate.
- P_f is formation flowing pressure at a constant rate.
- Formation flow is taken as single phase flow.
If gas is produced at surface, phase separation is assumed to have occurred in drill pipe.
- Radial flow is assumed.
- For the purpose of calculating EDR where specific reservoir parameters are not available it is assumed that:

| | |
|--|------------------------|
| Effective permeability, K, will fall between | 1 to 200 md |
| Formation porosity, ϕ , will fall between | 0.1 to 0.3 |
| Fluid compressibility, c, will fall between | 10^{-6} to 10^{-4} |
| Fluid viscosity, μ , will fall between | 0.05 to 50 cp. |
| Well bore radius, r_w , will fall between | 3' to 4'. |

Which gives an average value for the function $\log \frac{K}{\phi \mu c r_w^2}$ of 5.5

- Other standard radial flow, equilibrium assumptions.

Empirical Equations:

$$1. \text{ EDR} = \frac{P_o - P_f}{M(\log T + 2.65)} \text{ where } M = \frac{P_1 - P_{10}}{\text{Log Cycle}}$$

$$2. \text{ Transmissibility } \frac{Kh}{\mu \beta} = \frac{162.6 Q}{M}$$

$$3. \text{ DST } J = \frac{Q}{P_o - P_f} \quad \text{Theoretical } J = \frac{7.08 \times 10^{-3} Kh}{\mu \beta \ln(r_e/r_w)} \quad \text{Assumed } \ln(r_e/r_w) = 7.60$$

$$4. \text{ P.S.} = [P_o \times 2.309 \text{ ft./PSI}] - [\text{Recorder depth to sea level.}]$$

$$5. \text{ Radius of investigation, } r_i \approx \sqrt{\frac{Kt}{40\phi\mu c}} \quad \text{where } t = \text{time in days}$$

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

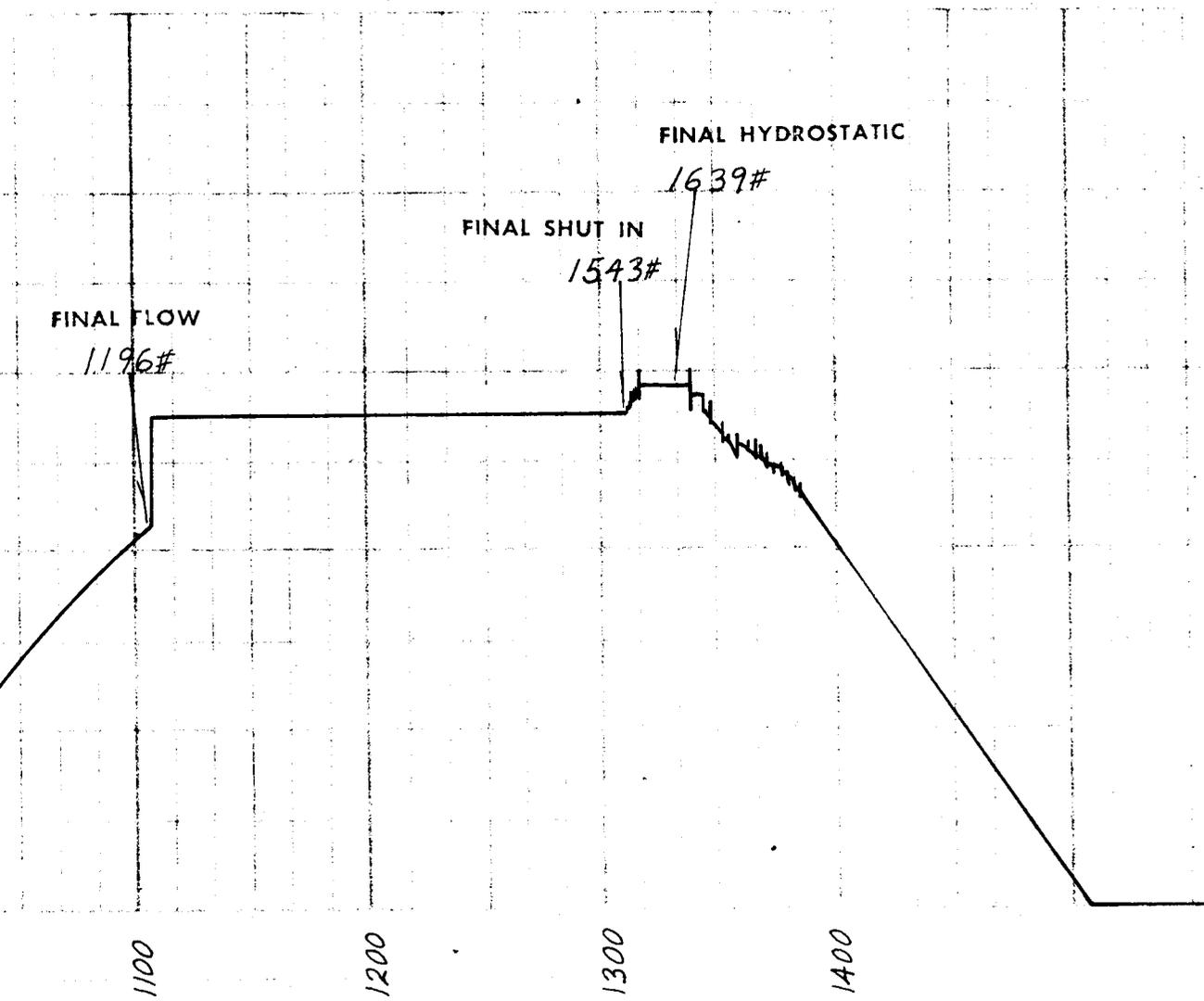
5

2

COMPANY AMERICAN QUASAR PETROLEUM COMPANY WELL UNION PACIFIC RAILROAD TEST NO. 1 COUNTY SUMMIT STATE UTAH

JOHNSTON
Schlumberger

technical
report



1 HOUR



PRESSURE LOG*

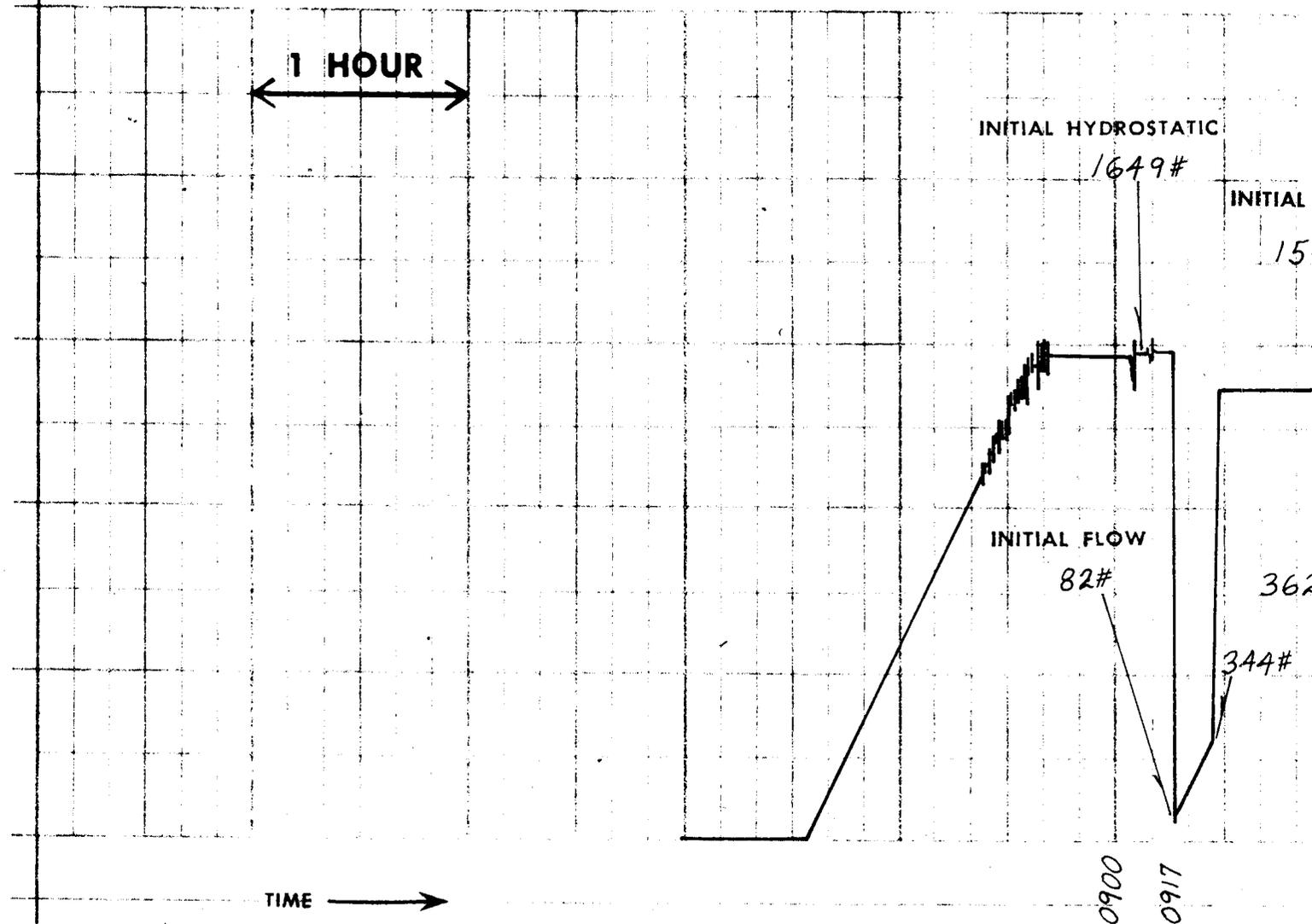
Field Report No. 06204 C

Instrument:
Number J-033

Capacity 2800 p.s.i.

Depth 3476 ft.

*a continuous tracing of the original chart



SURFACE INFORMATION

| Description (Rate of Flow) | Time | " Pressure OF WATER | Surface Choke |
|----------------------------|------|---------------------|---------------|
| Opened Tool | 0917 | - | 1/4" |
| WEAK BLOW, INCREASING | | | |
| | 0927 | 41" | " |
| CLOSED FOR INITIAL SHUT-IN | 0928 | - | " |
| FINISHED SHUT-IN | 0958 | - | " |
| RE-OPENED TOOL | 1005 | - | " |
| *WEAK BLOW, INCREASING | 1020 | 2# | " |
| BLOW, STABILIZED | 1035 | 3# | " |
| CLOSED FOR FINAL SHUT-IN | 1107 | - | " |
| FINISHED SHUT-IN | 1307 | - | " |
| PULLED PACKER LOOSE | 1315 | - | - |

| | | | |
|--------------|--------|----------|-------------------|
| Cushion Type | Amount | Pressure | Bottom Choke Size |
| | | | 5/8" |

MUD DATA

| | | | |
|------------------|--------------|-------------|--------------|
| Mud Type | LOW SOLIDS | Wt. | 9 |
| Viscosity | 47 | Water Loss | 6 C.C. |
| Resist: of Mud | 3.0 @ 58 °F. | of Filtrate | 10.0 @ 64 °F |
| Chloride Content | 1000 | | PPM |

EQUIPMENT & HOLE DATA

| | | | |
|--------------------------|------------------|-------------|-----|
| Type Test | M.F.E. OPEN HOLE | | |
| Formation Tested | FRONTIER | | |
| Elevation | | | Ft. |
| Net Productive Interval | 88 | | Ft. |
| Estimated Porosity | 15 | | % |
| All Depths Measured From | KELLY BUSHING | | |
| Total Depth | 3538 | | Ft. |
| Main Hole/Casing Size | 8 3/4" | | |
| Rat Hole/Liner Size | - | | |
| Drill Collar Length | 602' | I.D. 2 7/8" | |
| Drill Pipe Length | 2814' | I.D. 3.825" | |
| Packer Depth(s) | 3444 & 3450 Ft. | | |

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

| | | |
|-----------------------|------|---------------------|
| Sampler Pressure | 10 | P.S.I.G. at Surface |
| Recovery: Cu. Ft. Gas | - | |
| cc. Oil | - | |
| cc. Water | 2400 | |
| cc. Mud | - | |
| Tot. Liquid cc. | 2400 | |
| Gravity | - | °API @ - °F. |
| Gas/Oil Ratio | - | cu. ft./bbl. |

| | RESISTIVITY | CHLORIDE CONTENT |
|-------------------------|--------------|------------------|
| Recovery Water | 3.0 @ 70 °F. | 450 ppm |
| Recovery Mud | - @ - °F. | |
| Recovery Mud Filtrate | - @ - °F. | - ppm |
| Mud Pit Sample | 3.0 @ 58 °F. | |
| Mud Pit Sample Filtrate | 10 @ 64 °F. | 1000 ppm |

| RECOVERY DESCRIPTION | FEET | BARRELS | % OIL | % WATER | % OTHERS | API GRAVITY | RESISTIVITY | CHL. PPM |
|----------------------|------|---------|-------|---------|----------|-------------|--------------|----------|
| WATER CUT MUD | 600 | 8.52 | | | | @ °F. | 9.0 @ 68 °F. | 200 |
| WATER | 2098 | 26.06 | | | | @ °F. | 3.4 @ 66 °F. | 400 |
| | | | | | | @ °F. | @ °F. | |
| | | | | | | @ °F. | @ °F. | |
| | | | | | | @ °F. | @ °F. | |
| | | | | | | @ °F. | @ °F. | |
| | | | | | | @ °F. | @ °F. | |

Remarks: _____

Address 332 PACIFIC WESTERN LIFE; CASPER, WYOMING 82601

Company AMERICAN QUASAR PETROLEUM COMPANY Field WILD CAT

Well UNION PACIFIC RAILROAD #3-1 Location SEC.4-TWP.2N-RGE.7E

Test Interval 3450' TO 3538' Test # 1 Date 3-4-75

County SUMMIT State UTAH

Technician KOEHLER (ROCK SPRINGS) Test Approved By MR. J. GROVES

Field Report No. 06204 C

No. Reports Requested 15 (10x)



PRESSURE DATA

| | | | | | |
|------------------------------|--------|---------|--------------------------|------------|---------------|
| Instrument No. | J-125 | J-033 | Field Report No. 06204 C | | |
| Capacity (P.S.I.G.) | 2800 | 2800 | | | |
| Instrument Depth | 3452' | 3476' | | | |
| Instrument Opening | INSIDE | OUTSIDE | | | |
| Pressure Gradient P.S.I./Ft. | | | | | |
| Well Temperature °F. | 100 | 100 | | | |
| | | | TIME DATA | | |
| Initial Hydrostatic Mud | A | 1654 | 1649 | Time Given | Time Computed |
| Initial Shut-in | B | 1528 | 1536 | 30 Mins. | 32 Mins. |
| Initial Flow | C | 72 | 82 | 11 Mins. | 10 Mins. |
| | C-1 | 343 | 344 | - Mins. | - Mins. |
| | C-2 | 354 | 362 | - Mins. | - Mins. |
| Final Flow | D | 1185 | 1196 | 62 Mins. | 59 Mins. |
| Final Shut-in | E | 1531 | 1543 | 120 Mins. | 124 Mins. |
| Final Hydrostatic Mud | F | 1641 | 1639 | | |

Remarks:

INCREMENTAL BREAKDOWN DONE ON INSTRUMENT NUMBER J-033.

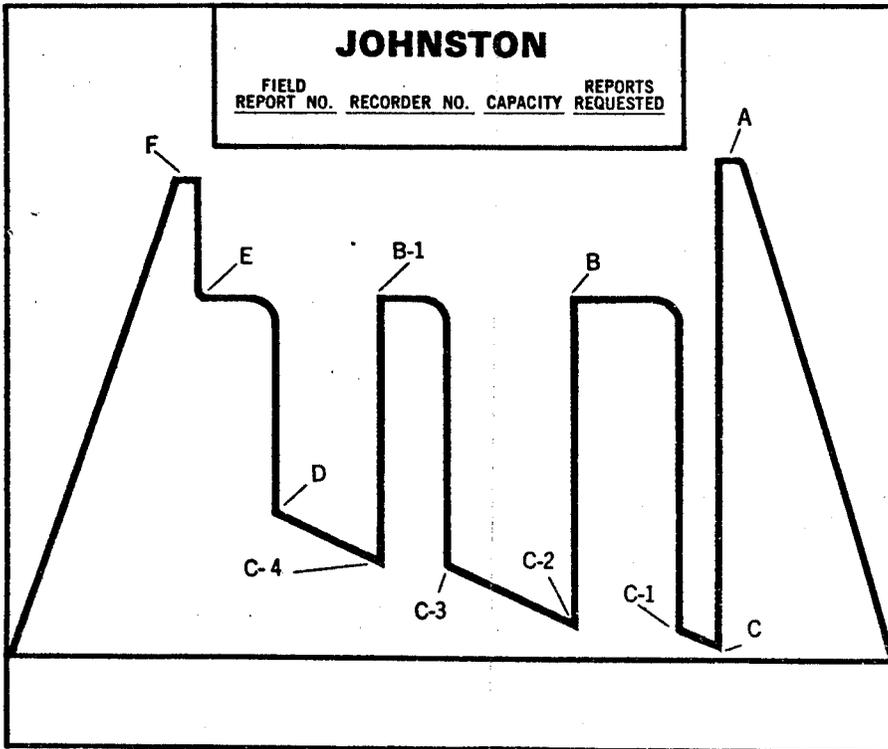
*Shut in pressure did not reach static reservoir pressure.

Clock Travel 0.02295 inches per min.

PRESSURE INCREMENTS

| INITIAL SHUT-IN | | | FLOW PERIODS | | | FINAL SHUT-IN | | |
|-----------------|----------|---------------------------------|---------------|----------|---------------------------------|---------------|----------|---------------------------------|
| Point Minutes | Pressure | $\frac{T + \Delta t}{\Delta t}$ | Point Minutes | Pressure | $\frac{T + \Delta t}{\Delta t}$ | Point Minutes | Pressure | $\frac{T + \Delta t}{\Delta t}$ |
| C-1 | 0 | 344 | INITIAL FLOW | | | D | 0 | 1196 |
| | 3 | 1533 | C | 0 | 82 | | 5 | 1541 |
| | 6 | 1534 | | 5 | 214 | | 10 | 1542 |
| | 9 | 1535 | C-1 | 10 | 344 | | 15 | 1542 |
| | 12 | 1535 | | | | | 20 | 1542 |
| | 15 | 1536 | FINAL FLOW | | | | 25 | 1542 |
| | 18 | 1536 | C-2 | 0 | 362 | | 30 | 1542 |
| | 21 | 1536 | | 5 | 449 | | 35 | 1542 |
| | 24 | 1536 | | 10 | 536 | | 40 | 1543 |
| | 27 | 1536 | | 15 | 621 | | 45 | 1543 |
| | 30 | 1536 | | 20 | 702 | | 50 | 1543 |
| B | 32 | 1536 | | 25 | 780 | | 55 | 1543 |
| | | | | 30 | 853 | | 60 | 1543 |
| | | | | 35 | 922 | | 65 | 1543 |
| | | | | 40 | 987 | | 70 | 1543 |
| | | | | 45 | 1048 | | 75 | 1543 |
| | | | | 50 | 1106 | | 80 | 1543 |
| | | | | 55 | 1161 | | 85 | 1543 |
| | | | D | 59 | 1196 | | 90 | 1543 |
| | | | | | | | 95 | 1543 |
| | | | | | | | 100 | 1543 |
| | | | | | | | 105 | 1543 |
| | | | | | | | 110 | 1543 |
| | | | | | | | 115 | 1543 |
| | | | | | | | 120 | 1543 |
| | | | | | | E | 124 | 1543 |

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z— Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO.

06204 C

CAPACITY

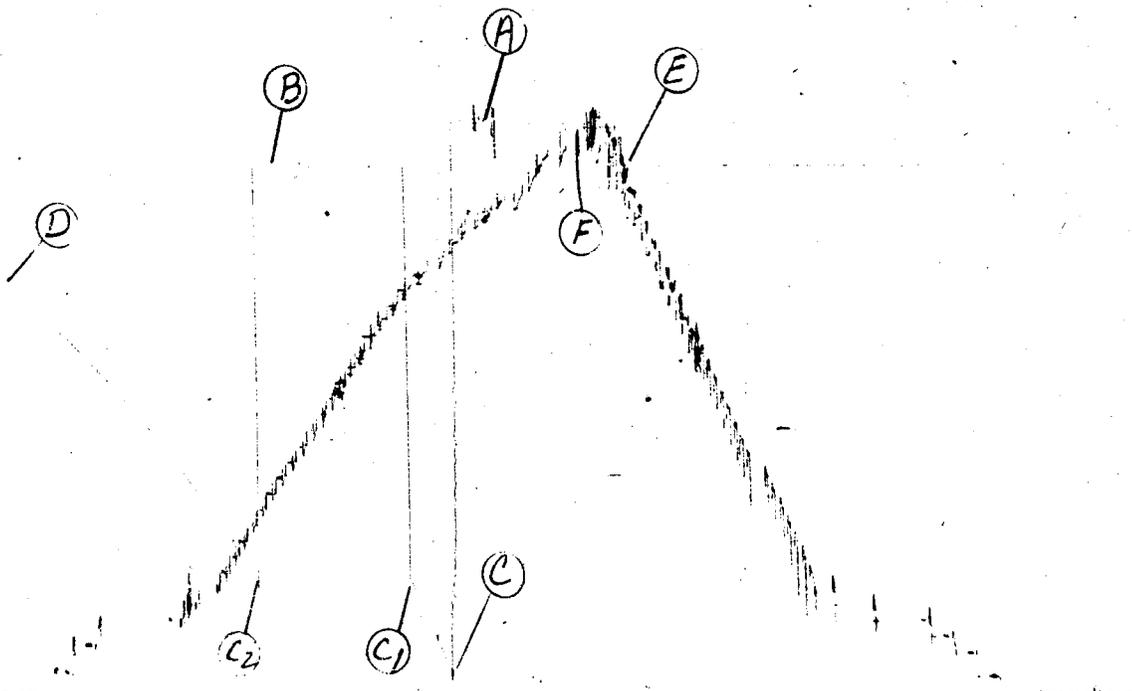
2800#

RECORDER NO.

J-125

REPORTS REQUESTED

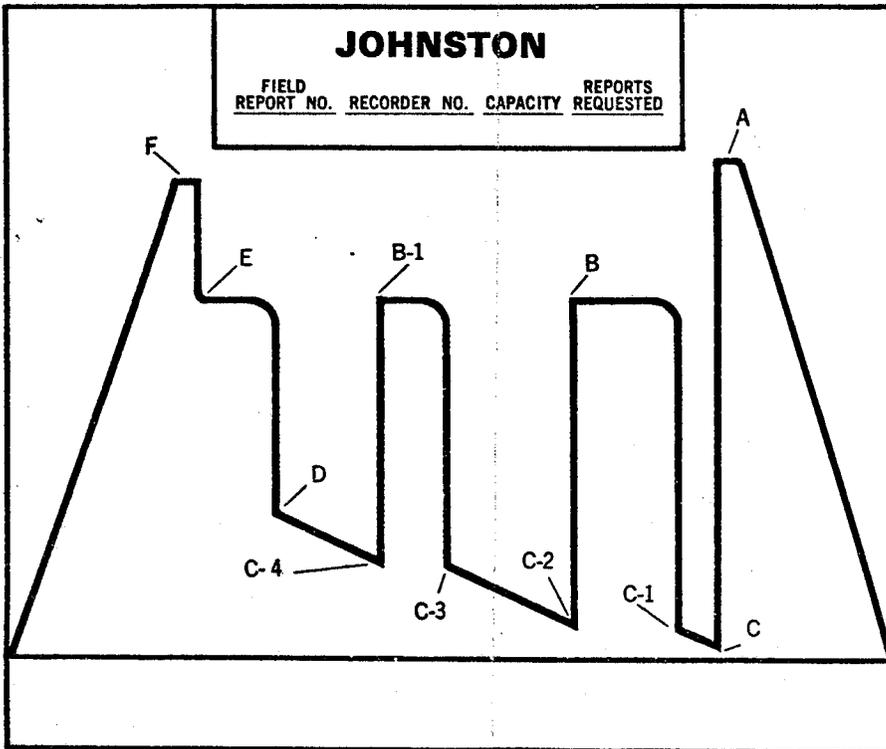
15+





JOHNSTON
...found a better way

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



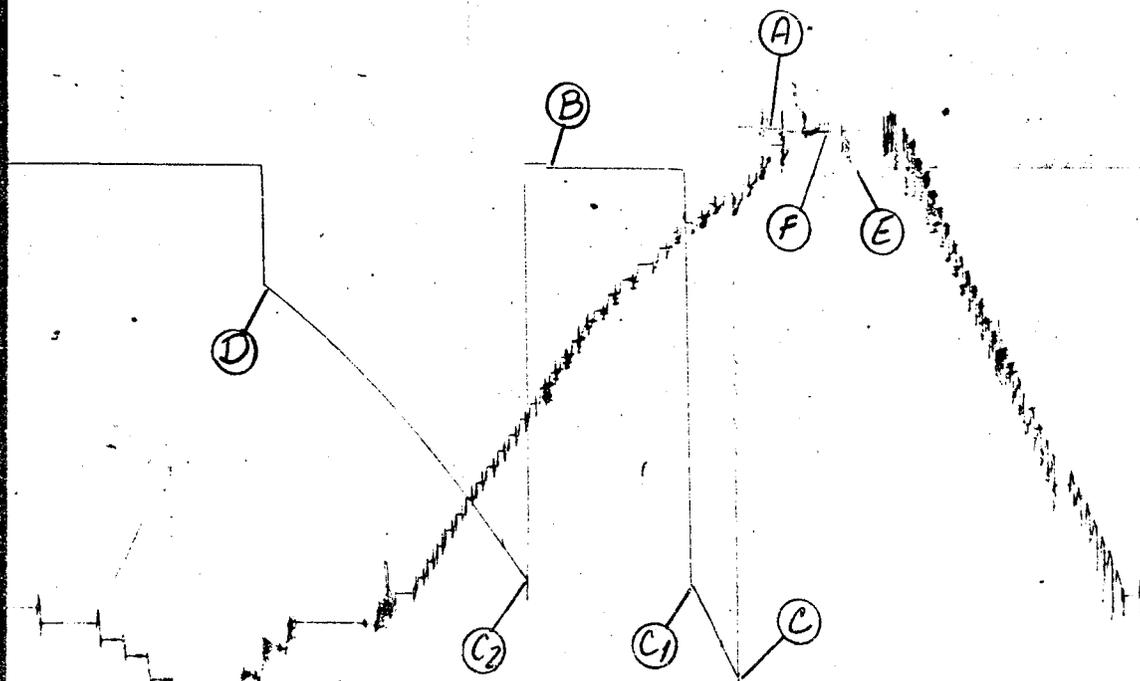
- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z— Special pressure points such as pumping pressure recorded for formation breakdown.

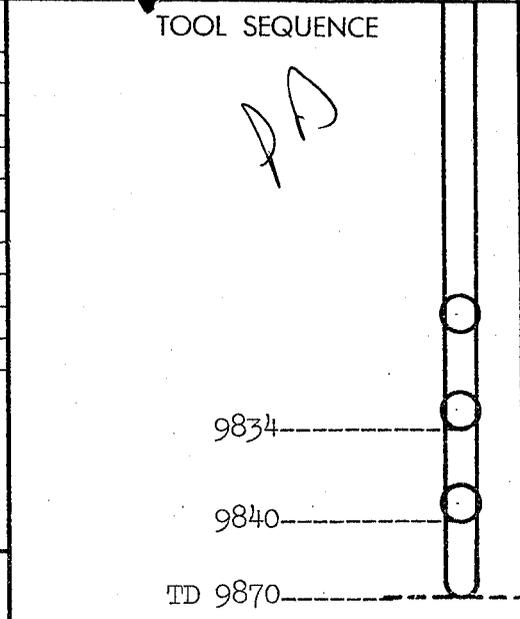


| | |
|------------------|-------------------|
| FIELD REPORT NO. | RECORDER NO. |
| 06204 C | J-033 |
| CAPACITY | REPORTS REQUESTED |
| 2800# | 15+ |

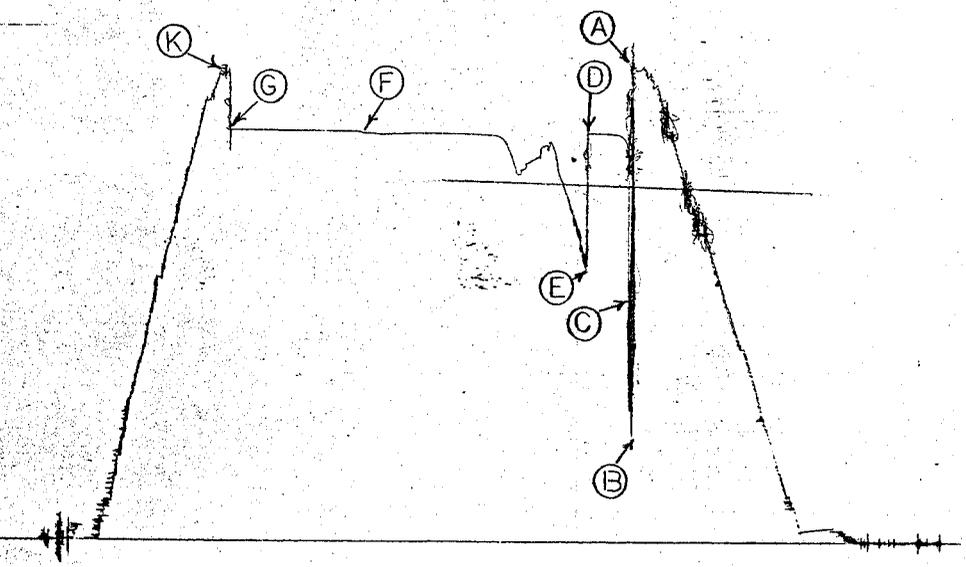


Operator American Quasar Petroleum Corporation Well Name and No. Union Pacific #3-1
 Address See Distribution Ticket No. 4794 Date 5-24-75
 DST No. 2 No. Final Copies 16

| | |
|---|--------------------------------------|
| Contractor <u>Challenger Drlg. Co.</u> | Top Choke <u>1"</u> |
| Rig No. <u>5-E</u> | Bottom Choke <u>9/16"</u> |
| Spot <u>NW-NW</u> | Size Hole <u>8 3/4"</u> |
| Sec. <u>3</u> | Size Rat Hole <u>None</u> |
| Twp. <u>2 N</u> | Size & Wt. D. P. <u>4 1/2" 16.60</u> |
| Rng. <u>7 E</u> | Size Wt. Pipe <u>4 1/2" 574'</u> |
| Field <u>Wildcat</u> | I. D. of D. C. <u>2 1/8"</u> |
| County <u>Summit</u> | Length of D. C. <u>360'</u> |
| State <u>Utah</u> | Total Depth <u>9870</u> |
| Elevation <u>?</u> | Interval Tested <u>9840-9870</u> |
| Formation <u>Nuggett</u> | Type of Test <u>Straight</u> |
| Tool Open @ <u>12:00 P.M.</u> | |
| Flow #1 <u>5</u> Min. SIP #1 <u>60</u> Min. Flow #2 <u>325</u> Min SIP #2 <u>190</u> Min. | |
| Flow #3 _____ Min. SIP #3 _____ Min. Flow #4 _____ Min. SIP #4 _____ Min. | |
| B. H. T. <u>192°</u> Gravity <u>47</u> | |
| Mud Wt. <u>9.2</u> Viscosity <u>50</u> | |



T-4794
R-973



Inside Recorder

| | | |
|---|-------|------------|
| PRD Make <u>Kuster AK-1</u> | | |
| No. <u>973</u> Cap. <u>7900</u> @ <u>9815</u> | | |
| Press | Field | Corrected |
| IH | A | 4732 4732 |
| FH | K | 4692 4712 |
| Flow #1-IF | B | 1066 1054 |
| FF | C | 2227 2213 |
| SIP #1 | D | 4092 4096 |
| Flow #2-IF | E | 2720 2716 |
| FF | F | 4072 4084 |
| SIP #2 | G | 4112 4116 |
| Flow #3-IF | H | None Taken |
| FF | I | " " |
| SIP#3 | J | " " |
| Pressure Below Bottom Packer Bled To | | |
| Our Tester: <u>Gary Fiscus</u> | | |
| Witnessed By: <u>Don Brause</u> | | |

RECOVERY IN PIPE DID WELL FLOW Gas Yes Oil No Water No

REMARKS:

1st Flow - Tool opened with weak blow, increased to strong blow in one minute and remained thru open.

2nd Flow - Tool opened with with strong blow. Gas to surface in 19 minutes of 2nd flow and mud (oil cut) to surface in 48 minutes. Turned test through a production unit at 100 minutes into final flow. With initial 12/64" choke, recovered 23.76 Bbl. of fluid in 2.5 hours. FF rate 7.23 Bbl. per hour and 235 MCF gas with 1025 F&P on 16/64" choke. Increased choke to 18/64" with FF rate 11.69 Bbl. fluid per hour and 237 MCF gas with F&P 1010 psi. Total fluid recovered through production unit 44.59 Bbl. in 3 3/4 hours, for 11.89 Bbl. per hour average. Reversed out oil while taking final shut-in pressure.

Corrected pressures in 6 and 19 minute increment readings and gas volume report on following page.

Initial Shut-in

| | |
|--------|-----------|
| 6 min. | 4044 lbs. |
| 12 " | 4072 " |
| 18 " | 4084 " |
| 24 " | 4088 " |
| 30 " | 4091 " |
| 36 " | 4093 " |
| 42 " | 4094 " |
| 48 " | 4095 " |
| 54 " | 4096 " |
| 60 " | 4096 " |

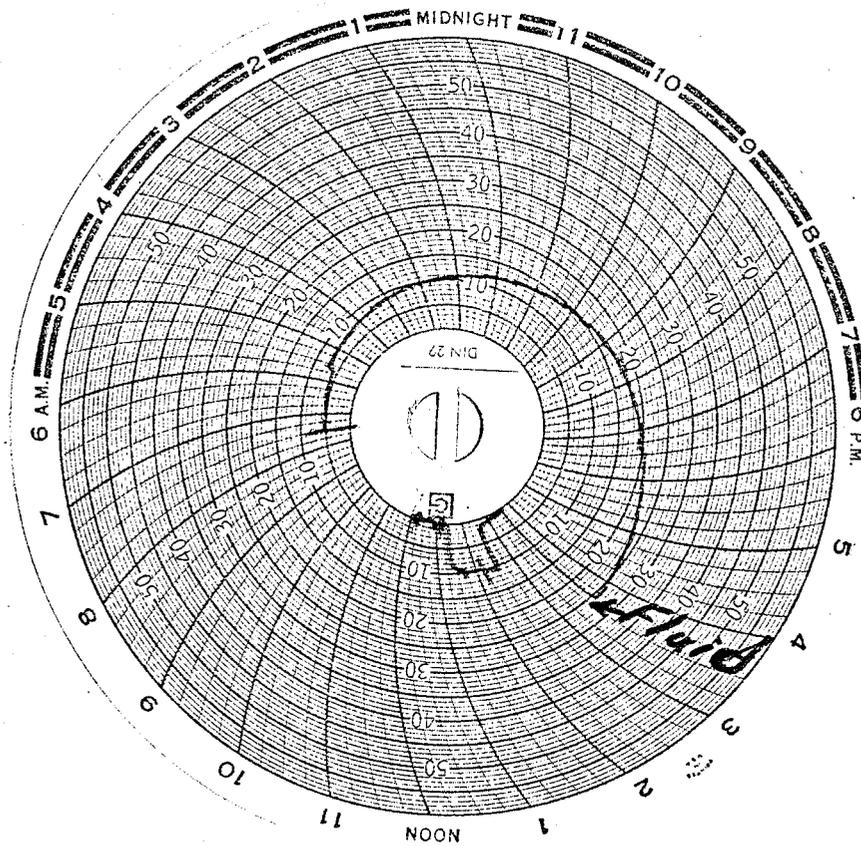
Final Shut-in

| | |
|---------|-----------|
| 19 min. | 4104 lbs. |
| 38 " | 4106 " |
| 57 " | 4108 " |
| 76 " | 4109 " |
| 95 " | 4109 " |
| 114 " | 4110 " |
| 133 " | 4112 " |
| 152 " | 4114 " |
| 171 " | 4115 " |
| 190 " | 4116 " |

Gas Volume Report

| | | | | | |
|---------|----------|--------------------|---------|----------|------|
| 25 min. | 2.5 lbs. | on $\frac{1}{4}$ " | orifice | = 14,300 | CFPD |
| 30 " | 5.0 " | " " | " " | = 20,700 | " |
| 35 " | 7.5 " | " " | " " | = 26,100 | " |
| 40 " | 10.0 " | " " | " " | = 30,800 | " |
| 45 " | 1.0 " | " " | " " | = 8,950 | " |

Gas Volume Chart



Fluid Sample Report

Date 5-24-75 Ticket No. 4794

Company American Quasar Petroleum Corporation

Well Name & No. Union Pacific #3-1 DST No. 1

County Summit State Utah

Sampler No. 14 Test Interval 9840-9870

Pressure in Sampler 1280 PSIG BHT 192° OF

Total Volume of Sampler: 2100 cc.

Total Volume of Sample: 1900 cc.

Oil: None cc.

Water: Trace cc.

Mud: 1900 Heavily oil and gas cut cc.

Gas: 5.16 cu. ft.

Other: None

Resistivity

Water: _____ @ _____ of Chloride Content _____ ppm.

Mud Pit Sample .18 @ 60° of Chloride Content 3900 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ OF

Where was sample drained Rig.

Remarks: _____

DISTRIBUTION OF FINAL DST REPORTS

Operator American Quasar Petr. Corporation Lease Union-Pacific Well No. 3-1

Original copy: American Quasar Petr. Corp., Attn: C. Gregg, 1630 Denver Club Bldg.,
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Handwritten initials

CONFIRMATION OF TECHNICAL REPORT DISTRIBUTION

CUSTOMER AMERICAN QUASAR PETROLEUM COMPANY FIELD REPORT NO. 09501 C DATE 6-3-75
 COMPANY SAME LEASE UNION PACIFIC RAILROAD WELL NO. 3-1
 COUNTY SUMMIT STATE UTAH FIELD WILD CAT

JOHNSTON TESTERS HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS.
 THIS DISTRIBUTION OF TECHNICAL REPORTS WILL BE USED FOR: ALL TESTS ON THIS WELL, UNLESS OTHERWISE NOTIFIED.
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CASPER, WYOMING 82601
 ATTN: MR. BUD HURLEY

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P. O. BOX 27491
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 ATTN: MR. HOWARD LESTER

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 ATTN: MR. JACK DELONG

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332 HAMPDEN AVENUE, SUITE 1010
ENGLEWOOD, COLORADO 80110
 ATTN: MR. PATRICK MAHER

1 TECHNICAL REPORT (S)
UNITED STATES GEOLOGICAL SURVEY
8426 FEDERAL BUILDING
125 S. STATE STREET
SALT LAKE CITY, UTAH 84111
 ATTN: GEOLOGIST IN CHARGE

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UTAH OIL AND GAS CONSERVATION DIVISION
1588 W. N. TEMPLE
SALT LAKE CITY, UTAH 84116

1 TECHNICAL REPORT (S)
VICTOR GRAS, GEOLOGIST
777 NINTH AVENUE
SALT LAKE CITY, UTAH 84103

It is our pleasure to be of service.

JOHNSTON

COMPANY AMERICAN QUASAR PETROLEUM COMPANY WELL UNION PACIFIC RAILROAD TEST NO. 3 COUNTY SUMMIT STATE UTAH

JOHNSTON
Schlumberger

technical
report



SURFACE INFORMATION

| Description (Rate of Flow) | Time | Pressure (P.S.I.G.) | Surface Choke |
|-------------------------------------|------|---------------------|---------------|
| Opened Tool | 0500 | - | 1" |
| GOOD BLOW, 18" IN WATER | 0508 | 30 | " |
| | 0513 | 100 | " |
| CLOSED FOR INITIAL SHUT-IN | 0515 | 200 | " |
| GAS TO SURFACE | | | |
| FINISHED SHUT-IN | 0604 | - | " |
| RE-OPENED TOOL | 0605 | - | " |
| WEAK BLOW INCREASING | | | |
| GOOD BLOW INCREASING | 0607 | - | " |
| BLOW, 5" IN WATER | | | |
| DRILLING MUD TO SURFACE | 0610 | - | " |
| PLUGGED FLOW HOSE AND NEEDLE VALVES | | | |
| OIL CUT MUD | 0614 | - | " |
| OIL | 0640 | - | " |
| TURNED THROUGH SEPERATOR | 0706 | - | " |
| CLOSED FOR FINAL SHUT-IN | 1005 | - | " |
| PULLED PACKER LOOSE | 2045 | - | - |

EQUIPMENT & HOLE DATA

| | |
|--------------------------|--------------------|
| Type Test | M. F. E. OPEN HOLE |
| Formation Tested | NUGGET |
| Elevation | 6675 K. B. Ft. |
| Net Productive Interval | - Ft. |
| Estimated Porosity | - % |
| All Depths Measured From | KELLY BUSHING |
| Total Depth | 10053 Ft. |
| Main Hole/Casing Size | 8 3/4" |
| Rat Hole/Liner Size | - |
| Drill Collar Length | 286' I.D. 2.20" |
| Drill Pipe Length | 9616' I.D. 3.8" |
| Packer Depth(s) | 9932' & 9936' Ft. |

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

| | |
|-----------------------|--------------------------|
| Sampler Pressure | 1510 P.S.I.G. at Surface |
| Recovery: Cu. Ft. Gas | 11.9 |
| cc. Oil | 1620 |
| cc. Water | - |
| cc. Mud | - |
| Tot. Liquid cc. | 1620 |
| Gravity | 50.2 °API @ 60 °F. |
| Gas/Oil Ratio | 1168 cu. ft./bbl. |

RESISTIVITY CHLORIDE CONTENT

| | |
|-------------------------|-----------------------|
| Recovery Water | - @ - °F. - ppm |
| Recovery Mud | - @ - °F. - ppm |
| Recovery Mud Filtrate | - @ - °F. - ppm |
| Mud Pit Sample | .1 @ 72 °F. |
| Mud Pit Sample Filtrate | .1 @ 72 °F. 50000 ppm |

MUD DATA

| | | | |
|------------------|----------------|-------------|-------------|
| Mud Type | BEST - DRISPAC | Wt. | 9.6 |
| Viscosity | 57 | Water Loss | 8.8 C.C. |
| Resist: of Mud | .1 @ 72 °F. | of Filtrate | .1 @ 72 °F. |
| Chloride Content | 50000 | | PPM |

| RECOVERY DESCRIPTION | FEET | BARRELS | % OIL | % WATER | % OTHERS | API GRAVITY | RESISTIVITY | CHL. PPM |
|-----------------------------------|------|---------|-------|---------|----------|---------------|--------------|----------|
| FLOWED: | | | | | | @ °F. | @ °F. | |
| OIL | - | 32.4 | | | | 50.2 @ 60 °F. | @ °F. | |
| FLOWED 13.26 BBL. OF OIL PER HOUR | | | | | | @ °F. | @ °F. | |
| RECOVERED: | | | | | | @ °F. | @ °F. | |
| SAND | 180 | 0.81 | | | | @ °F. | @ °F. | |
| WATER | 3 | 0.01 | | | | @ °F. | .12 @ 70 °F. | |

Remarks:

Address 332 PACIFIC WESTERN BUILDING; CASPER, WYOMING 82601

Company AMERICAN QUASAR PETROLEUM COMPANY Field WILD CAT

Well UNION PACIFIC RAILROAD # 3-1 Location SEC. 4-2N-7E

Test Interval 9936' TO 10053' Test # 3 Date 6-3-75

County SUMMIT State UTAH

Technician ROMANGO (CASPER) Test Approved By MR. JEEP GROVES

Field Report No. 09501 C

No. Reports Requested 12 (9x)

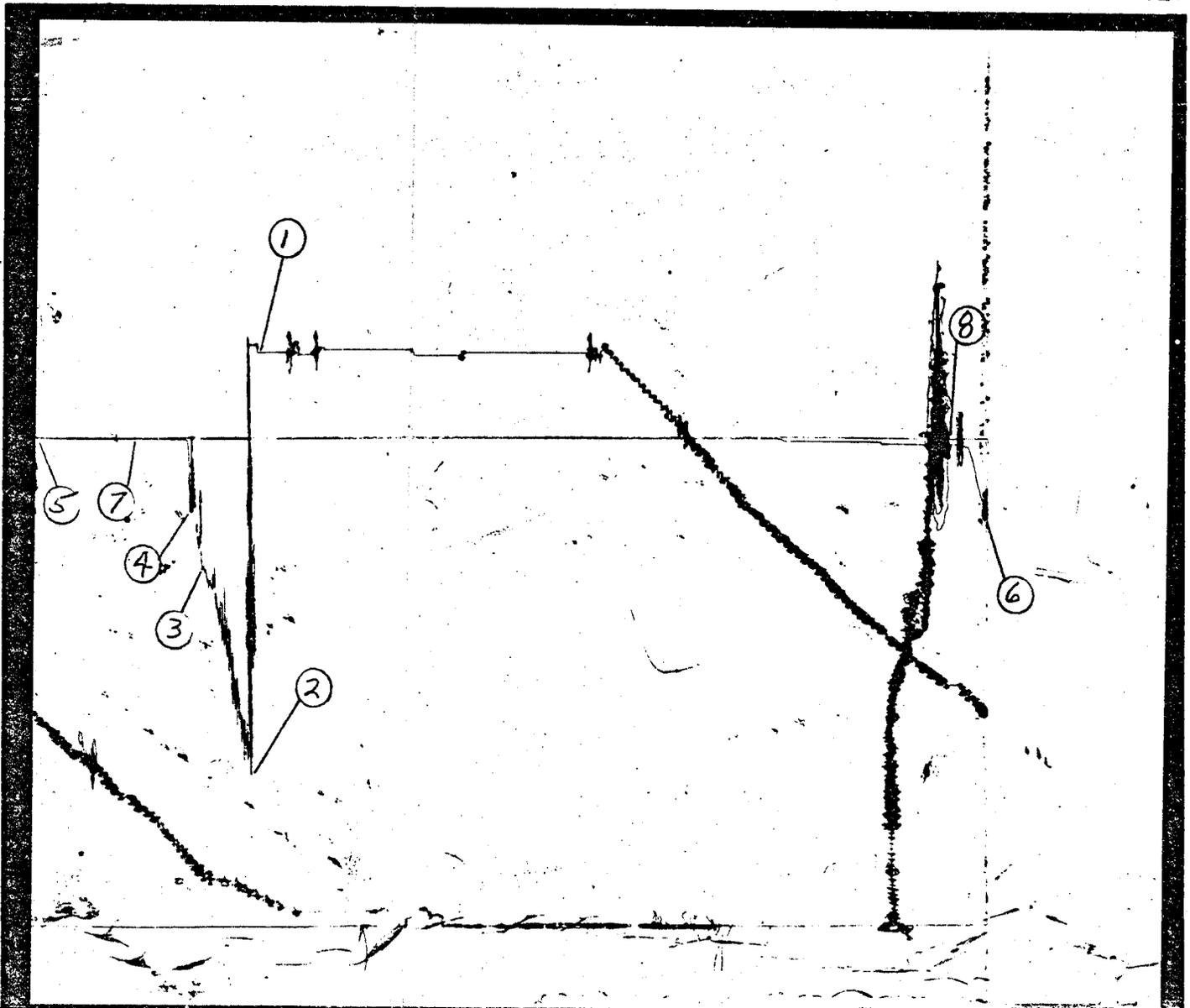
BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: T-276 CAPACITY (P.S.I.): 7000# DEPTH 9915 FT.
 PORT OPENING: INSIDE BOTTOM HOLE TEMP.: 198° F. FIELD REPORT NO. 09501 C

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 4905.5 | | |
| INITIAL FLOW (1) | 2 | 1301.3 | | |
| INITIAL FLOW (2) | 4 | 3536.5 | 15 | 18 |
| INITIAL SHUT-IN | 5 | 4165.6 | 49 | 46 |
| SECOND FLOW (1) | | | - | - |
| SECOND FLOW (2) | | | - | - |
| SECOND SHUT-IN | | | - | - |
| FINAL FLOW (1) | 6 | 3481.1 | | |
| FINAL FLOW (2) | 7 | 4162.8 | 240 | 246 |
| FINAL SHUT-IN | - | - | 640 | 634 |
| FINAL HYDROSTATIC MUD | - | - | | |
| REMARKS: | 3 | 3049.4 | | |
| | 8 | 4171.3 | | |

CLOCK STOPPED DURING THE FINAL SHUT-IN PERIOD AT POINT "8" LABELED ON CHART.
 CHARTS INDICATE PERFORATED ANCHOR WAS PLUGGING DURING THE INITIAL FLOW PERIOD.

12+



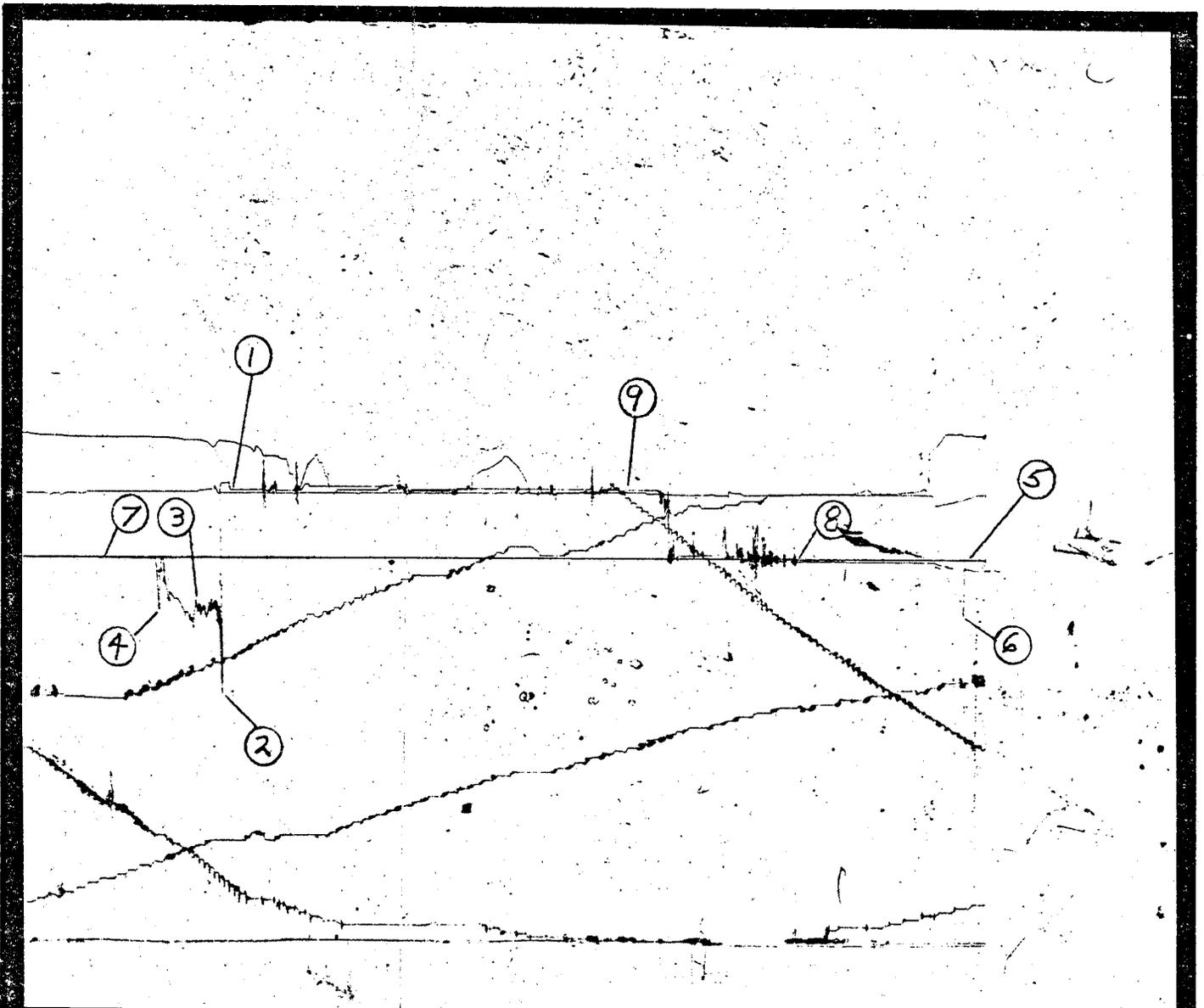
FIELD REPORT NO.: 09501 c

INSTRUMENT NO.: J-241

CAPACITY: 9000#

NO. OF REPORTS: 12+

PRESSURE DATA FROM THIS CHART IS PRESENTED ON NEXT PAGE



BOTTOM HOLE PRESSURE AND TIME DATA

JOHNSTON
Schlumberger

INSTRUMENT NO.: J-241 CAPACITY(P.S.I.): 9000 DEPTH: 9938 FT.
 PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 198 PAGE 1 OF 2

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 4943.1 | | |
| INITIAL FLOW(1) | 2 | 2719.3 | | |
| INITIAL FLOW(2) | 4 | 3638.4 | 15 | 18 |
| INITIAL SHUT-IN | 5 | 4206.7 | 49 | 46 |
| FINAL FLOW(1) | 6 | 3589.1 | | |
| FINAL FLOW(2) | 7 | 4204.9 | 240 | 246 |
| FINAL SHUT-IN | 8 | 4204.9 | 640 | 634 |
| FINAL HYDROSTATIC MUD | 9 | 4948.6 | | |

CHARTS INDICATE PERFORATED ANCHOR WAS PLUGGING DURING THE INITIAL FLOW PERIOD.

INCREMENTAL READINGS

| LABEL POINT | DELTA TIME | PRESSURE (P.S.I.) | T + DT/DT | LOG | PW - PF (P.S.I.) | COMMENTS |
|-------------|------------|-------------------|-----------|-------|------------------|--|
| 1 | | 4943.1 | | | | |
| 2 | 0 | 2719.3 | | | | HYDROSTATIC MUD INITIAL FLOW(1) PLUGGING INITIAL FLOW(2) STARTED SHUT-IN |
| 3 | 8 | 3735.2 | | | | |
| 4 | 18 | 3638.4 | | | | |
| 4 | 0 | 3638.4 | | | | |
| | 5 | 4195.7 | 4.600 | 0.663 | 557.3 | |
| | 10 | 4197.6 | 2.800 | 0.447 | 559.2 | |
| | 15 | 4199.4 | 2.200 | 0.342 | 561.0 | |
| | 20 | 4203.0 | 1.900 | 0.279 | 564.6 | |
| | 25 | 4204.9 | 1.720 | 0.236 | 566.5 | |
| | 30 | 4206.7 | 1.600 | 0.204 | 568.3 | |
| | 35 | 4206.7 | 1.514 | 0.180 | 568.3 | |
| | 40 | 4206.7 | 1.450 | 0.161 | 568.3 | |
| | 45 | 4206.7 | 1.400 | 0.146 | 568.3 | |
| 5 | 46 | 4206.7 | 1.391 | 0.143 | 568.3 | INITIAL SHUT-IN FINAL FLOW(1) |
| 6 | 0 | 3589.1 | | | | |
| | 10 | 4172.0 | | | | |
| | 20 | 4173.8 | | | | |
| | 30 | 4173.8 | | | | |
| | 40 | 4181.1 | | | | |
| | 50 | 4181.1 | | | | |
| | 60 | 4181.1 | | | | |
| | 70 | 4204.9 | | | | |
| | 80 | 4204.9 | | | | |
| | 90 | 4204.9 | | | | |
| | 100 | 4204.9 | | | | |
| | 110 | 4204.9 | | | | |
| | 120 | 4204.9 | | | | |
| | 130 | 4204.9 | | | | |
| | 140 | 4204.9 | | | | |
| | 150 | 4204.9 | | | | |
| | 160 | 4204.9 | | | | |

| LABEL POINT | DELTA TIME | PRESSURE (P.S.I.) | T + DT/DT | LOG | PW - PF (P.S.I.) | COMMENTS |
|-------------|------------|-------------------|-----------|-------|------------------|----------------------------------|
| | 170 | 4204.9 | | | | |
| | 180 | 4204.9 | | | | |
| | 190 | 4204.9 | | | | |
| | 200 | 4204.9 | | | | |
| | 210 | 4204.9 | | | | |
| | 220 | 4204.9 | | | | |
| | 230 | 4204.9 | | | | |
| | 240 | 4204.9 | | | | |
| 7 | 246 | 4204.9 | | | | |
| 7 | 0 | 4204.9 | | | | FINAL FLOW(2) STARTED SHUT-IN |
| | 30 | 4204.9 | 9.200 | 0.964 | 0. | |
| | 60 | 4204.9 | 5.100 | 0.708 | 0. | |
| | 90 | 4204.9 | 3.733 | 0.572 | 0. | |
| | 120 | 4204.9 | 3.050 | 0.484 | 0. | |
| | 150 | 4204.9 | 2.640 | 0.422 | 0. | |
| | 180 | 4204.9 | 2.367 | 0.374 | 0. | |
| | 210 | 4204.9 | 2.171 | 0.337 | 0. | |
| | 240 | 4204.9 | 2.025 | 0.306 | 0. | |
| | 270 | 4204.9 | 1.911 | 0.281 | 0. | |
| | 300 | 4204.9 | 1.820 | 0.260 | 0. | |
| | 330 | 4204.9 | 1.745 | 0.242 | 0. | |
| | 360 | 4204.9 | 1.683 | 0.226 | 0. | |
| | 390 | 4204.9 | 1.631 | 0.212 | 0. | |
| | 420 | 4204.9 | 1.586 | 0.200 | 0. | |
| | 450 | 4204.9 | 1.547 | 0.189 | 0. | |
| | 480 | 4204.9 | 1.513 | 0.180 | 0. | |
| | 510 | 4204.9 | 1.482 | 0.171 | 0. | |
| | 540 | 4204.9 | 1.456 | 0.163 | 0. | |
| | 570 | 4204.9 | 1.432 | 0.156 | 0. | |
| | 600 | 4204.9 | 1.410 | 0.149 | 0. | |
| | 630 | 4204.9 | 1.390 | 0.143 | 0. | |
| 8 | 634 | 4204.9 | 1.388 | 0.142 | 0. | |
| 9 | | 4948.6 | | | | FINAL SHUT-IN HYDROSTATIC MUD |

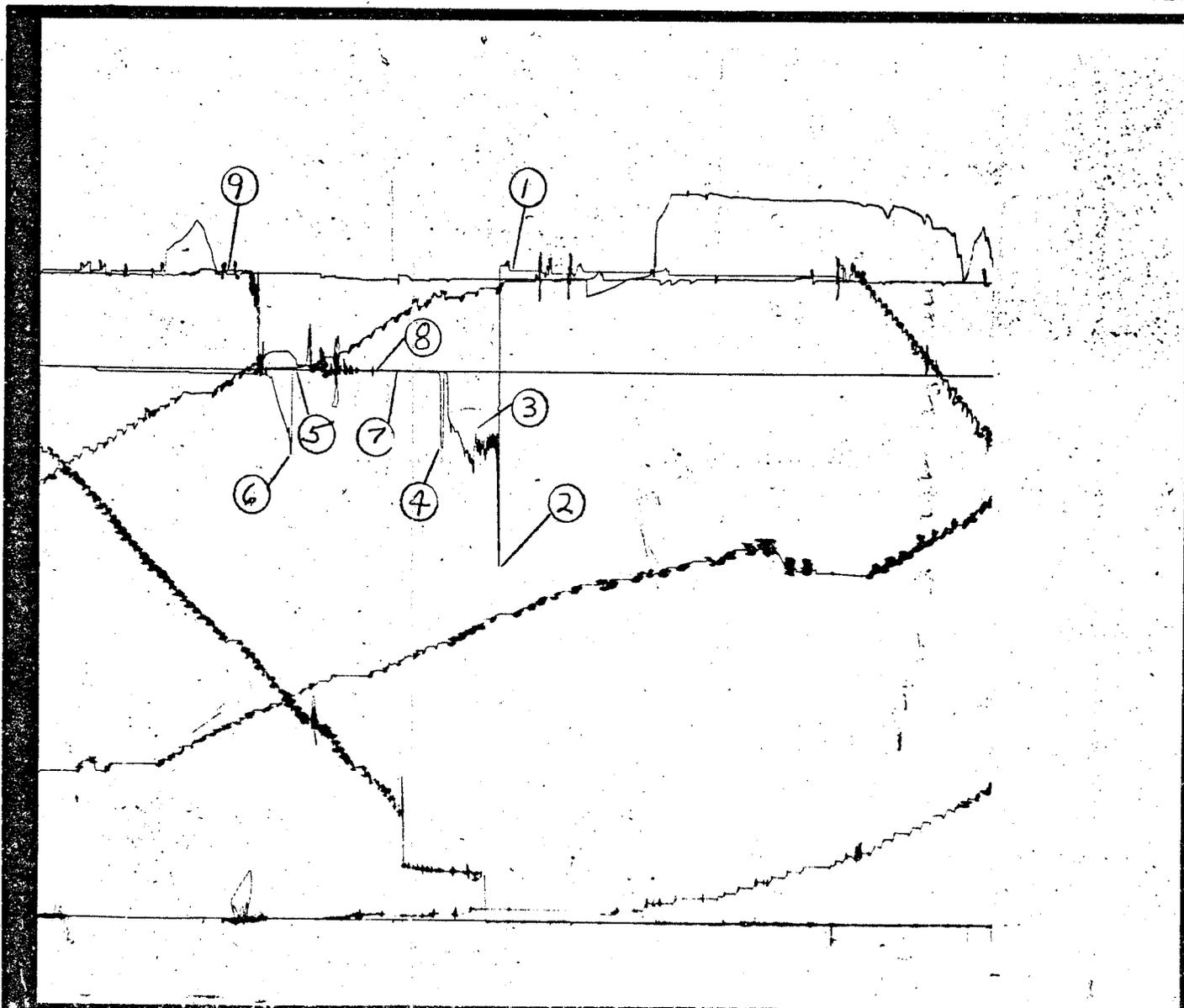
BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-073 CAPACITY (P.S.I.): 6400# DEPTH 10047 FT.
 PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 198°F. FIELD REPORT NO. 09501 C

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 4962.8 | | |
| INITIAL FLOW (1) | 2 | 2715.5 | | |
| INITIAL FLOW (2) | 4 | 3611.2 | 15 | 18 |
| INITIAL SHUT-IN | 5 | 4198.5 | 49 | 46 |
| SECOND FLOW (1) | | | - | - |
| SECOND FLOW (2) | | | - | - |
| SECOND SHUT-IN | | | - | - |
| FINAL FLOW (1) | 6 | 3559.4 | | |
| FINAL FLOW (2) | 7 | 4197.3 | 240 | 246 |
| FINAL SHUT-IN | 8 | 4198.5 | 640 | 634 |
| FINAL HYDROSTATIC MUD | 9 | 4950.1 | | |
| | 3 | 3732.4 | | |

REMARKS: CHARTS INDICATE PERFORATED ANCHOR WAS PLUGGING DURING THE INITIAL FLOW PERIOD.

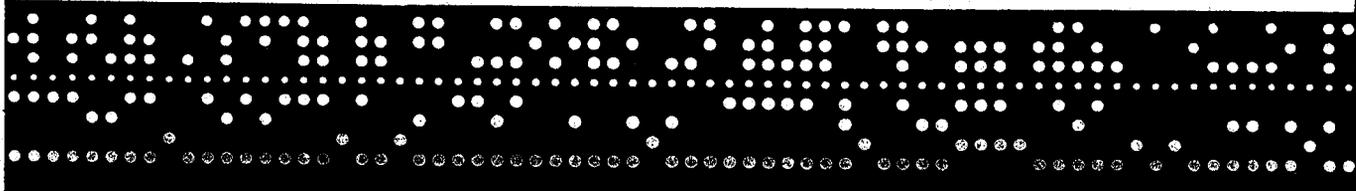
12+



COMPANY AMERICAN QUASAR PETROLEUM COMPANY
WELL UNION PACIFIC RAILROAD TEST NO. 4
3-1 COUNTY SUMMIT STATE UTAH

JOHNSTON
Schlumberger

**computerized
data
analysis**



COMPUTERIZED DATA ANALYSIS

JUNE 12, 1975

GENTLEMEN:

THE ENCLOSED TEST APPEARS TO BE A GOOD MECHANICAL DRILL STEM TEST DURING WHICH THE TOOLS DID FUNCTION PROPERLY. THE FORMATION PRODUCED ENOUGH RESERVOIR FLUID FOR PROPER IDENTIFICATION. RESERVOIR PRESSURE DRAWDOWN WAS SUFFICIENT AND AN ADEQUATE SHUT-IN BUILD-UP DID OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS.

1. FLOW RATE: A FLOW RATE OF 192 BBL/DAY OF OIL AND A GAS RATE OF 353 MCF/DAY WAS NOTED DURING THIS TEST. THESE VALUES WERE BASED ON THE SEPERATOR ON A 16/64" CHOKE.
2. RESERVOIR PRESSURE: MECHANICAL STABILIZATION OF THE FINAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 4218 P.S.I.G. AT RECORDER DEPTH.
3. PERMEABILITY: THE CALCULATED TRANSMISSIBILITY FACTOR OF 975.6 MD.-FT./CP. INDICATES AN AVERAGE EFFECTIVE PERMEABILITY TO OIL OF 5.13 MD. FOR THE REPORTED 65 FOOT TEST INTERVAL. THE CALCULATIONS WERE BASED ON A SLOPE OF 32 P.S.I./LOG CYCLE OBTAINED FROM THE FINAL SHUT-IN BUILD-UP PLOT. IT WAS ASSUMED FOR THESE CALCULATIONS: (A) THE 48°API AT 60°F. OIL CONTAINED 1509 CU.FT./BBL. OF ORIGINAL DISSOLVED GAS (B) VISCOSITY 0.18 CP., (C) FORMATION VOLUME FACTOR 1.90 BBL/BBL. THESE FIGURES WERE OBTAINED FROM THE AVAILABLE TECHNICAL LITERATURE.
4. WELL BORE DAMAGE: THE CALCULATED ESTIMATED DAMAGE RATIO OF .81 INDICATES THAT NO WELL BORE DAMAGE IS PRESENT AT THE TIME AND CONDITIONS OF THIS TEST.
5. RADIUS OF INVESTIGATION: THE CALCULATED RADIUS OF INVESTIGATION OF THIS TEST IS 338 FEET BASED ON AN ASSUMED POROSITY OF 6.5%, COMPRESSIBILITY OF 6.0×10^{-6} , AND OTHER ASSUMPTIONS MADE IN NUMBER 3 ABOVE.
6. GENERAL COMMENTS: THE FORMATION EXHIBITS THE CHARACTERISTICS OF RELATIVELY GOOD PERMEABILITY EFFECTIVE TO THE RESERVOIR FLUID AND INDICATES THE ABSENCE OF WELL BORE DAMAGE.

THE ATTEMPTED FLOW PERIOD OF 195 MINUTES WAS NOT OBTAINED DUE TO PLUGGING OF THE TEST SYSTEM. AFTER APPROXIMATELY 90 MINUTES OF FLOW TIME A LEAK OCCURRED IN THE FLOW LINE. THE TEST SYSTEM COMPLETELY PLUGGED WHEN A SURFACE SHUT-IN WAS CONDUCTED IN ORDER TO REPAIR THE LEAK. CONSEQUENTLY, SHUT-IN PRESSURES WERE RECORDED AS THE BUILD-UP IS NOTED IN THE HORNER PLOT. WHEN THE TOOL WAS MECHANICALLY SHUT-IN, A SQUEEZE PRESSURE WAS CAUSED WHICH IS INDICATED BY THE SLIGHT INCREASE IN PRESSURE.

AMERICAN QUASAR PETROLEUM COMPANY
UNION PACIFIC RAILROAD # 3-1; SUMMIT COUNTY,
UTAH
TEST # 4; 10048' TO 10113'


JOHN F. VISCARDE
INTERPRETATION AND
EVALUATION DEPARTMENT

FIELD REPORT # 03523 C

4280 FSI
FR NO: 3523

4240
PRESSURE (P.S.I.G.)

4200

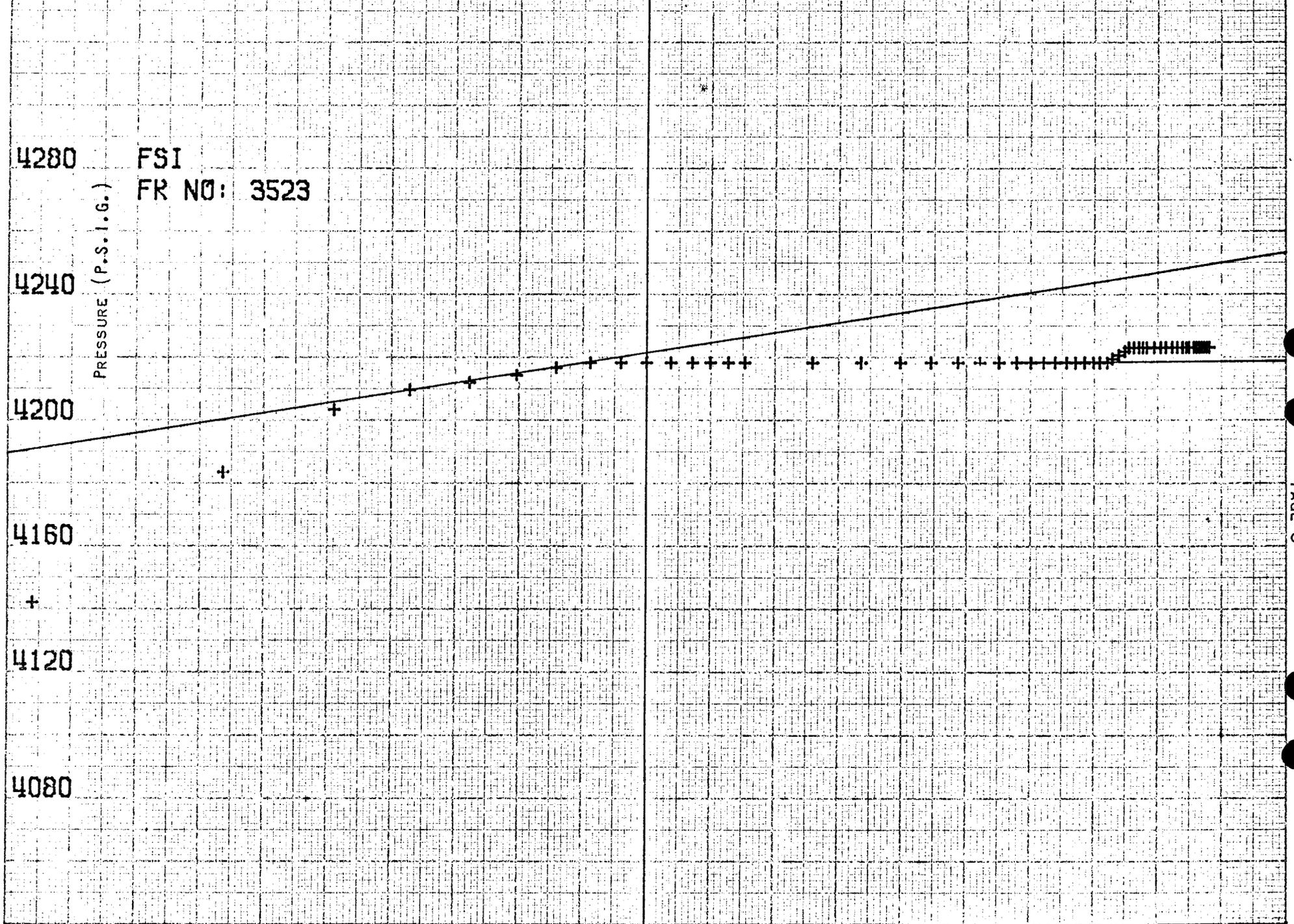
4160

4120

4080

2.0

LOG OF $\frac{T + \Delta T}{\Delta T}$ 1.0





| SURFACE INFORMATION | | | |
|--|------|---------------------|---------------|
| Description (Rate of Flow) | Time | Pressure (P.S.I.G.) | Surface Choke |
| Opened Tool | 0600 | - | 1/4" |
| GOOD BLOW IMMEDIATELY | | | |
| BLOW OFF BOTTOM OF BUCKET | 0602 | 3 | " |
| | 0605 | 45 | " |
| GAS TO SURFACE | 0611 | - | " |
| | 0615 | 110 | " |
| | 0620 | 200 | " |
| | 0625 | 370 | " |
| FLUID (MUD) TO SURFACE | 0645 | - | " |
| GAUGE AND HOSE PLUGGED IMMEDIATELY - SWITCHED TO PITS ON 1/2" CHOKE FOR 15 MINUTES | | | |
| OIL TO SURFACE | 0700 | - | 1/2" |
| SWITCHED TO SEPERATOR ON 16/64" CHOKE. FLOWING OIL, 8 BBLs/HOUR, GAS, 353 MCF/DAY, 1270 P.S.I. | | | |
| LEAK DEVELOPED IN FLOW LINE | 0730 | - | 16/64" |
| CLOSED ON SURFACE FOR 2-3 MINUTES TO REPAIR LEAK. OPENED ON SURFACE. FLOWED OIL, 1BBL/HOUR, GAS, 196 MCF/DAY | | | |
| CLOSED FOR FINAL SHUT-IN | 0915 | - | " |
| FINISHED SHUT-IN | 1220 | - | - |
| PULLED PACKER LOOSE | 1228 | - | - |

| EQUIPMENT & HOLE DATA | |
|--------------------------|---------------------|
| Type Test | M.F.E. OPEN HOLE |
| Formation Tested | NUGGET |
| Elevation | - Ft. |
| Net Productive Interval | - Ft. |
| Estimated Porosity | 6.0-7.0 % |
| All Depths Measured From | KELLY BUSHING |
| Total Depth | 10113 Ft. |
| Main Hole/Casing Size | 8 3/4" |
| Rat Hole/Liner Size | 7 7/8" |
| Drill Collar Length | 360' I.D. 2 7/8" |
| Drill Pipe Length | 9648' I.D. - |
| Packer Depth(s) | 10044' & 10048' Ft. |

| | | | |
|--------------|--------|----------|-------------------|
| Cushion Type | Amount | Pressure | Bottom Choke Size |
| | | | 5/8" |

| MUD DATA | | | |
|------------------|----------------|-------------|-------------|
| Mud Type | BEST - DRISPAC | Wt. | 9.3 |
| Viscosity | 70 | Water Loss | 7.5 C.C. |
| Resist: of Mud | .04 @ 78 °F; | of Filtrate | .03 @ 80 °F |
| Chloride Content | 64000 | | PPM |

| MULTI-FLOW EVALUATOR FLUID SAMPLE DATA | |
|--|--------------------------|
| Sampler Pressure | 1100 P.S.I.G. at Surface |
| Recovery: Cu. Ft. Gas | 15 |
| cc. Oil | 1580 |
| cc. Water | - |
| cc. Mud | - |
| Tot. Liquid cc. | 1580 |
| Gravity | 48 °API @ 60 °F. |
| Gas/Oil Ratio | 1509 cu. ft./bbl. |

| | RESISTIVITY | CHLORIDE CONTENT |
|-------------------------|--------------|------------------|
| Recovery Water | - @ - °F. | - ppm |
| Recovery Mud | - @ - °F. | - ppm |
| Recovery Mud Filtrate | - @ - °F. | - ppm |
| Mud Pit Sample | .04 @ 78 °F. | - ppm |
| Mud Pit Sample Filtrate | .03 @ 80 °F. | 64000 ppm |

| RECOVERY DESCRIPTION | FEET | BARRELS | % OIL | % WATER | % OTHERS | API GRAVITY | RESISTIVITY | CHL. PPM |
|-----------------------------------|------|---------|-------|---------|----------|-------------|--------------|----------|
| REVERSED OUT: | | | | | | @ °F. | @ °F. | |
| OIL | - | 47.00 | | | | 50 @ 60 °F. | @ °F. | |
| RECOVERED BELOW CIRCULATING SUB: | | | | | | @ °F. | @ °F. | |
| HEAVILY GAS, SLIGHTLY OIL CUT MUD | 90 | 0.72 | | | | @ °F. | @ °F. | |
| | | | | | | @ °F. | .03 @ 78 °F. | 62000 |
| | | | | | | @ °F. | @ °F. | |
| | | | | | | @ °F. | @ °F. | |

Remarks:

Address: SUITE 332, PACIFIC WESTERN BUILDING; CASPER, WYOMING 82601

Company: AMERICAN QUASAR PETROLEUM COMPANY Field: WILD CAT

Well: UNION PACIFIC RAILROAD # 3-1 Location: -

Test Interval: 10048' TO 10113' Test #: 4 Date: 6-7-75

County: SUMMIT State: UTAH

Technician: DUNN (ROCK SPRINGS) Approved By: MR. J. GROVES

Field Report No.: 03523 C

No. Reports Requested: 12 (9x)

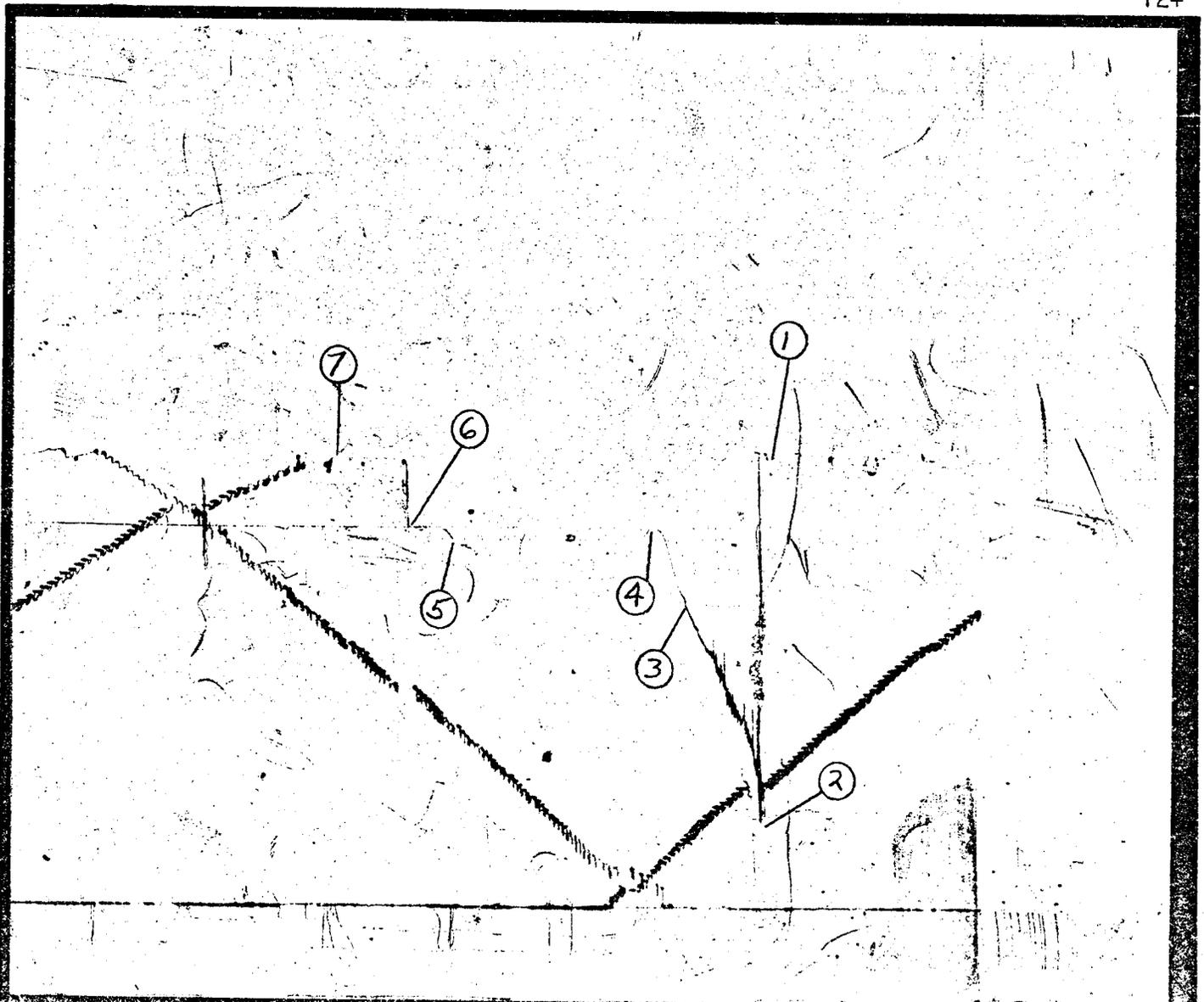
BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-026 CAPACITY (P.S.I.): 9000# DEPTH 10031 FT.
 PORT OPENING: INSIDE BOTTOM HOLE TEMP.: 192°F. FIELD REPORT NO. 03523 C

| DESCRIPTION | LABELLED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|-----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 4937.5 | | |
| INITIAL FLOW (1) | | | | |
| INITIAL FLOW (2) | | | | |
| INITIAL SHUT-IN | | | - | - |
| SECOND FLOW (1) | | | - | - |
| SECOND FLOW (2) | | | - | - |
| SECOND SHUT-IN | | | - | - |
| FINAL FLOW (1) | 2 | 942.5 | | |
| FINAL FLOW (2) | 5 | 4067.7 | 195 | 90 |
| FINAL SHUT-IN | 6 | 4203.5 | 185 | 290 |
| FINAL HYDROSTATIC MUD | 7 | 4948.5 | | |
| REMARKS: | 3 | 3344.6 | | |
| | 4 | 4190.6 | | |

CHART INDICATES THE TEST SYSTEM PLUGGED AFTER 90 MINUTES OF THE ATTEMPTED 195 MINUTE FLOW PERIOD.

12+



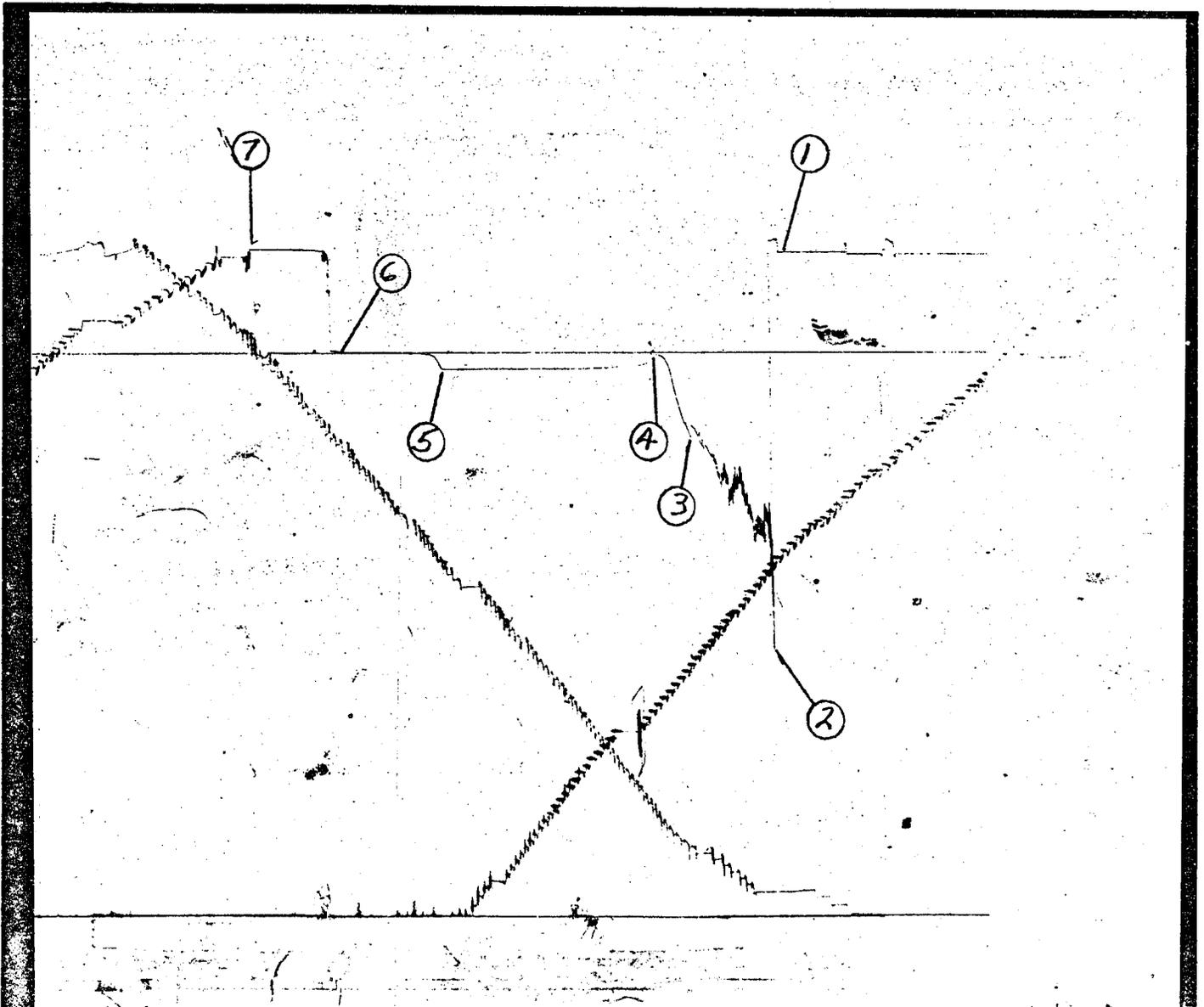
FIELD REPORT NO.: 03523 c

INSTRUMENT NO.: J-443

CAPACITY: 6400#

NO. OF REPORTS: 12+

PRESSURE DATA FROM THIS CHART IS PRESENTED ON NEXT PAGE



BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-443 CAPACITY(P.S.I.): 6400 DEPTH: 10072 FT.
 PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 192 PAGE 1 OF 2

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 4969.8 | | |
| FINAL FLOW(1) | 2 | 2007.3 | | |
| FINAL FLOW(2) | 5 | 4098.6 | 195 | 90 |
| FINAL SHUT-IN | 6 | 4222.9 | 185 | 290 |
| FINAL HYDROSTATIC MUD | 7 | 4988.6 | | |

CHART INDICATES THE TEST SYSTEM PLUGGED AFTER 90 MINUTES OF THE ATTEMPTED 195 MINUTE FLOW PERIOD.

INCREMENTAL READINGS

| LABEL POINT | DELTA TIME | PRESSURE (P.S.I.) | T + DT/DT | LOG | PW - PF (P.S.I.) | COMMENTS |
|-------------|------------|-------------------|-----------|-------|------------------|-----------------|
| 1 | | 4969.8 | | | | |
| 2 | 0 | 2007.3 | | | | HYDROSTATIC MUD |
| | 10 | 3183.5 | | | | FINAL FLOW(1) |
| | 20 | 3561.4 | | | | |
| 3 | 23 | 3587.7 | | | | PLUGGING |
| | 30 | 4186.5 | | | | |
| 4 | 33 | 4207.8 | | | | FLOW POINT |
| | 40 | 4122.5 | | | | |
| | 50 | 4106.2 | | | | |
| | 60 | 4101.1 | | | | |
| | 70 | 4101.1 | | | | |
| | 80 | 4101.1 | | | | |
| 5 | 90 | 4098.6 | | | | FINAL FLOW(2) |
| 5 | 0 | 4098.6 | | | | STARTED SHUT-IN |
| | 1 | 4141.3 | 91.000 | 1.959 | 42.7 | |
| | 2 | 4182.7 | 46.000 | 1.663 | 84.1 | |
| | 3 | 4202.8 | 31.000 | 1.491 | 104.2 | |
| | 4 | 4209.1 | 23.500 | 1.371 | 110.5 | |
| | 5 | 4211.6 | 19.000 | 1.279 | 113.0 | |
| | 6 | 4214.1 | 16.000 | 1.204 | 115.5 | |
| | 7 | 4216.6 | 13.857 | 1.142 | 118.0 | |
| | 8 | 4217.9 | 12.250 | 1.088 | 119.3 | |
| | 9 | 4217.9 | 11.000 | 1.041 | 119.3 | |
| | 10 | 4217.9 | 10.000 | 1.000 | 119.3 | |
| | 11 | 4217.9 | 9.182 | 0.963 | 119.3 | |
| | 12 | 4217.9 | 8.500 | 0.929 | 119.3 | |
| | 13 | 4217.9 | 7.923 | 0.899 | 119.3 | |
| | 14 | 4217.9 | 7.429 | 0.871 | 119.3 | |
| | 15 | 4217.9 | 7.000 | 0.845 | 119.3 | |
| | 20 | 4217.9 | 5.500 | 0.740 | 119.3 | |
| | 25 | 4217.9 | 4.600 | 0.663 | 119.3 | |
| | 30 | 4217.9 | 4.000 | 0.602 | 119.3 | |
| | 35 | 4217.9 | 3.571 | 0.553 | 119.3 | |
| | 40 | 4217.9 | 3.250 | 0.512 | 119.3 | |
| | 45 | 4217.9 | 3.000 | 0.477 | 119.3 | |

| LABEL POINT | DELTA TIME | PRESSURE (P.S.I.) | T + DT/DT | LOG | PW - PF (P.S.I.) | COMMENTS |
|-------------|------------|-------------------|-----------|-------|------------------|----------------------------------|
| | 50 | 4217.9 | 2.800 | 0.447 | 119.3 | |
| | 55 | 4217.9 | 2.636 | 0.421 | 119.3 | |
| | 60 | 4217.9 | 2.500 | 0.398 | 119.3 | |
| | 65 | 4217.9 | 2.385 | 0.377 | 119.3 | |
| | 70 | 4217.9 | 2.286 | 0.359 | 119.3 | |
| | 75 | 4217.9 | 2.200 | 0.342 | 119.3 | |
| | 80 | 4217.9 | 2.125 | 0.327 | 119.3 | |
| | 85 | 4217.9 | 2.059 | 0.314 | 119.3 | |
| | 90 | 4217.9 | 2.000 | 0.301 | 119.3 | |
| | 95 | 4217.9 | 1.947 | 0.289 | 119.3 | |
| | 100 | 4217.9 | 1.900 | 0.279 | 119.3 | |
| | 105 | 4219.1 | 1.857 | 0.269 | 120.5 | |
| | 110 | 4220.4 | 1.818 | 0.260 | 121.8 | |
| | 115 | 4221.6 | 1.783 | 0.251 | 123.0 | |
| | 120 | 4222.9 | 1.750 | 0.243 | 124.3 | |
| | 125 | 4222.9 | 1.720 | 0.236 | 124.3 | |
| | 130 | 4222.9 | 1.692 | 0.228 | 124.3 | |
| | 135 | 4222.9 | 1.667 | 0.222 | 124.3 | |
| | 140 | 4222.9 | 1.643 | 0.216 | 124.3 | |
| | 150 | 4222.9 | 1.600 | 0.204 | 124.3 | |
| | 160 | 4222.9 | 1.562 | 0.194 | 124.3 | |
| | 170 | 4222.9 | 1.529 | 0.185 | 124.3 | |
| | 180 | 4222.9 | 1.500 | 0.176 | 124.3 | |
| | 190 | 4222.9 | 1.474 | 0.168 | 124.3 | |
| | 200 | 4222.9 | 1.450 | 0.161 | 124.3 | |
| | 210 | 4222.9 | 1.429 | 0.155 | 124.3 | |
| | 220 | 4222.9 | 1.409 | 0.149 | 124.3 | |
| | 230 | 4222.9 | 1.391 | 0.143 | 124.3 | |
| | 240 | 4222.9 | 1.375 | 0.138 | 124.3 | |
| | 250 | 4222.9 | 1.360 | 0.134 | 124.3 | |
| | 260 | 4222.9 | 1.346 | 0.129 | 124.3 | |
| | 270 | 4222.9 | 1.333 | 0.125 | 124.3 | |
| | 280 | 4222.9 | 1.321 | 0.121 | 124.3 | |
| 6 | 290 | 4222.9 | 1.310 | 0.117 | 124.3 | |
| 7 | | 4988.6 | | | | FINAL SHUT-IN HYDROSTATIC MUD |

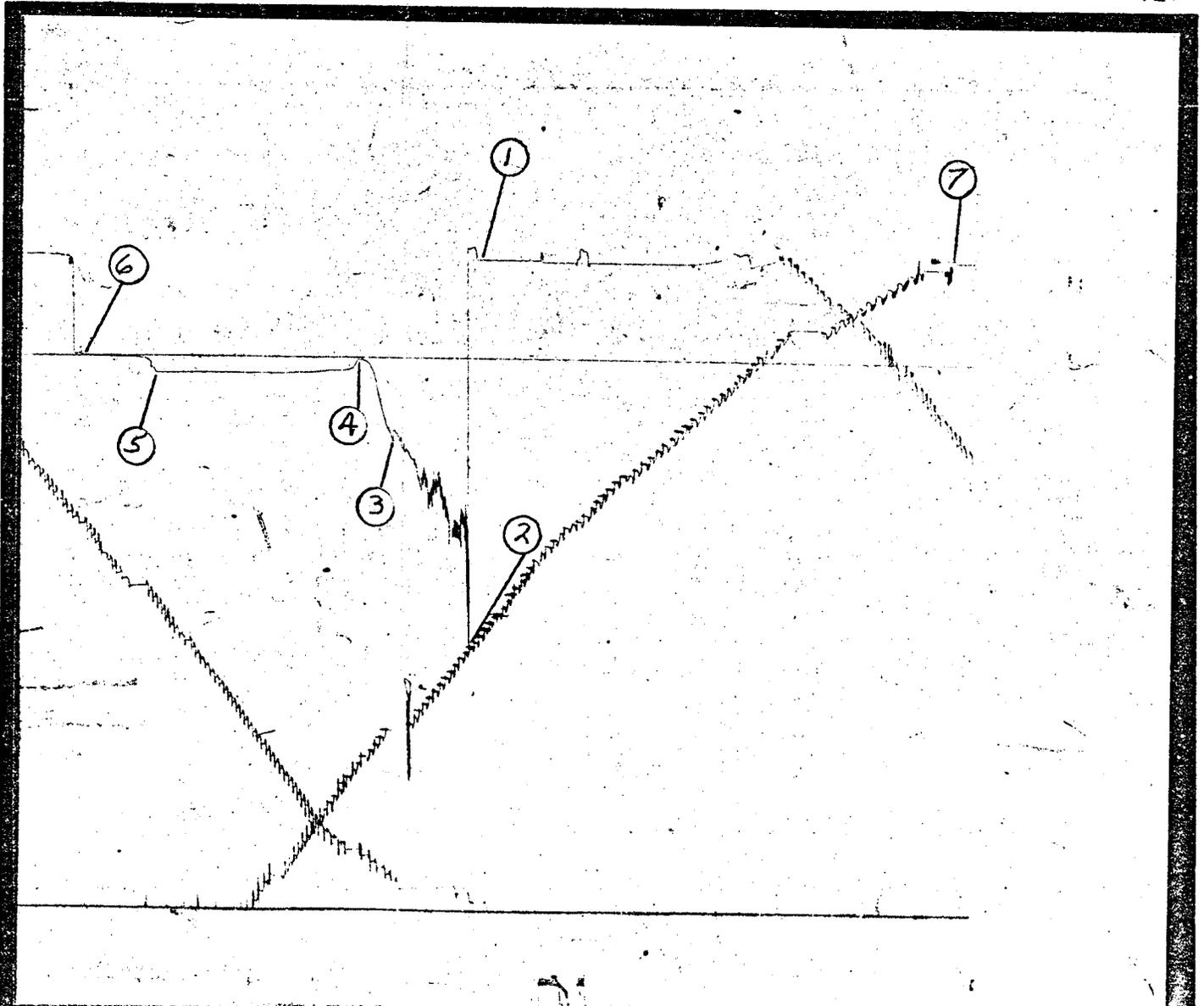
BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-392 CAPACITY (P.S.I.): 6400# DEPTH 10093 FT.
 PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 192°F. FIELD REPORT NO. 03523 C

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 4963.5 | | |
| INITIAL FLOW (1) | | | | |
| INITIAL FLOW (2) | | | | |
| INITIAL SHUT-IN | | | - | - |
| SECOND FLOW (1) | | | | |
| SECOND FLOW (2) | | | | |
| SECOND SHUT-IN | | | - | - |
| FINAL FLOW (1) | 2 | 2008.1 | | |
| FINAL FLOW (2) | 5 | 4081.7 | 195 | 90 |
| FINAL SHUT-IN | 6 | 4210.1 | 185 | 290 |
| FINAL HYDROSTATIC MUD | 7 | 4971.1 | | |
| REMARKS: | 3 | 3581.1 | | |
| | 4 | 4197.4 | | |

CHART INDICATES THE TEST SYSTEM PLUGGED AFTER 90 MINUTES OF THE ATTEMPTED 195 MINUTE FLOW PERIOD.

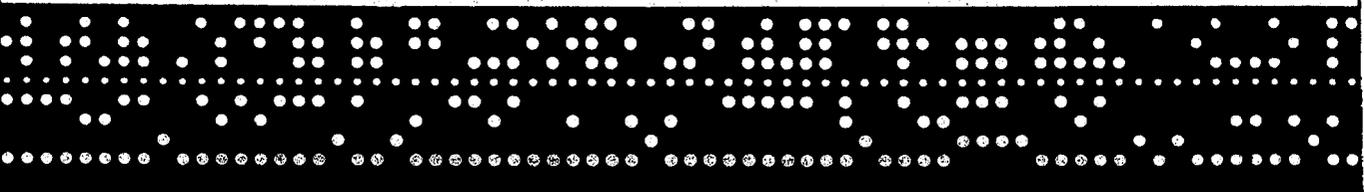
12+

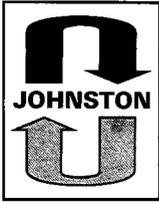


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JOHNSTON
Schlumberger

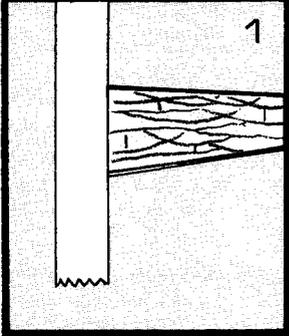
computerized
data
analysis



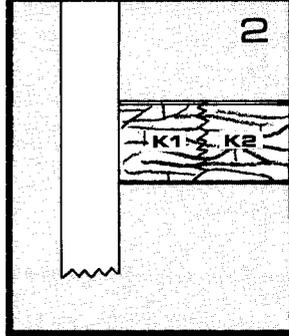


GEOLOGICAL INTERPRETATION GUIDE*

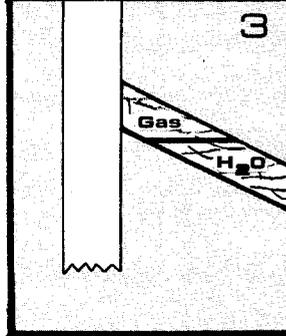
1 General Causes of a Break Upward in Slope Value



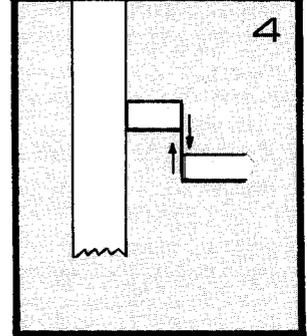
Decrease in thickness of pay zone away from well bore



Decrease in effective permeability away from well bore (facies change) $K_1 > K_2$

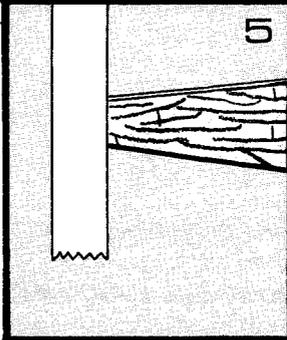


Increase in fluid viscosities away from the well bore (gas-water contact, gas-oil contact)

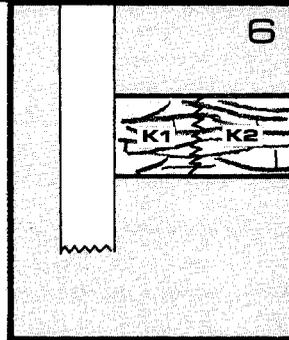


Sealing barrier (fault)

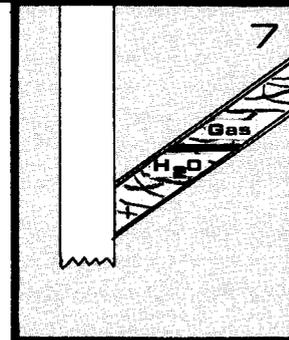
2 General Causes of A Break Downward in Slope Value



Increase in thickness of pay zone away from well bore

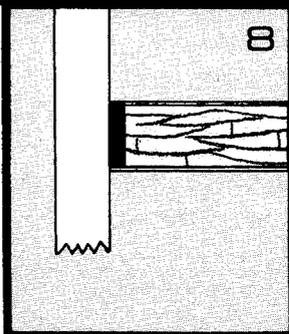


Increase in effective permeability away from well bore $K_1 < K_2$

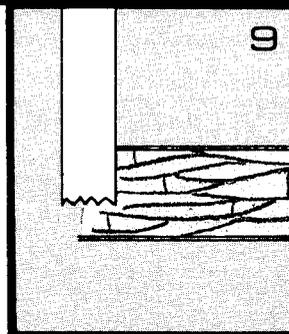


Decrease in fluid viscosities away from well bore

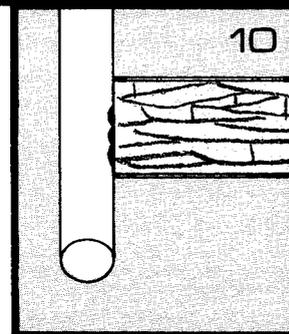
3 Conditions Which Will Give A Damage Indication



True Skin Damage - (Caused by: filtrate invasion, bit damage, drilling solids invasion, etc.)



Pseudo Damage - Incomplete penetration of porous zone



Pseudo Damage - Choking effect of perforations (cased hole)

*Illustrated causes of anomalies detected through pressure build-up analysis with Johnston "Computerized Data Analysis"

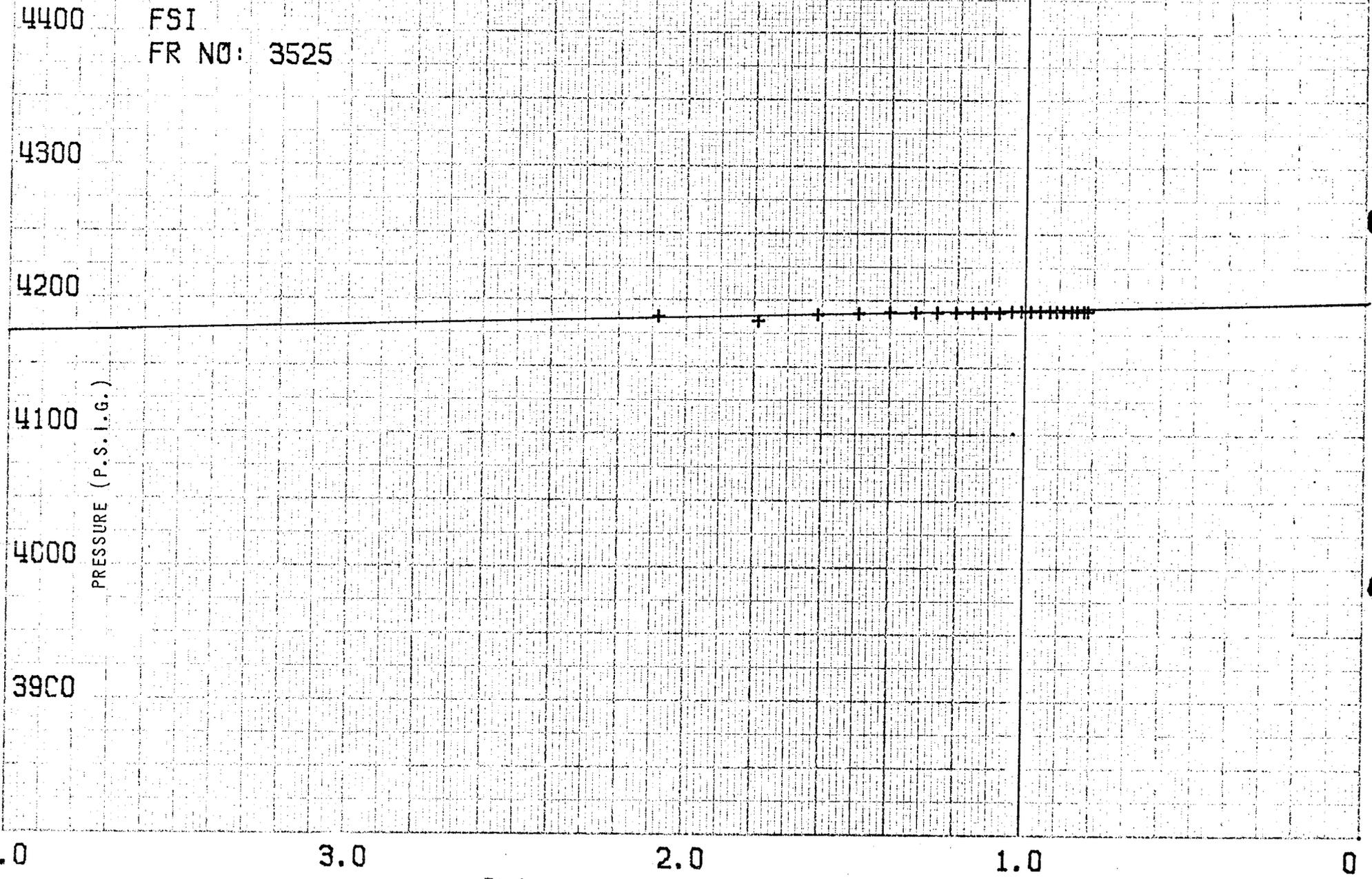
4400 FSI
FR NO: 3525

4300
4200
4100
4000
3900

PRESSURE (P.S.I.G.)

4.0 3.0 2.0 1.0 0

LOG OF $\frac{I + \Delta T}{\Delta T}$



SUPPLEMENTARY SHEET FOR FIELD REPORT #03525 C

SURFACE INFORMATION

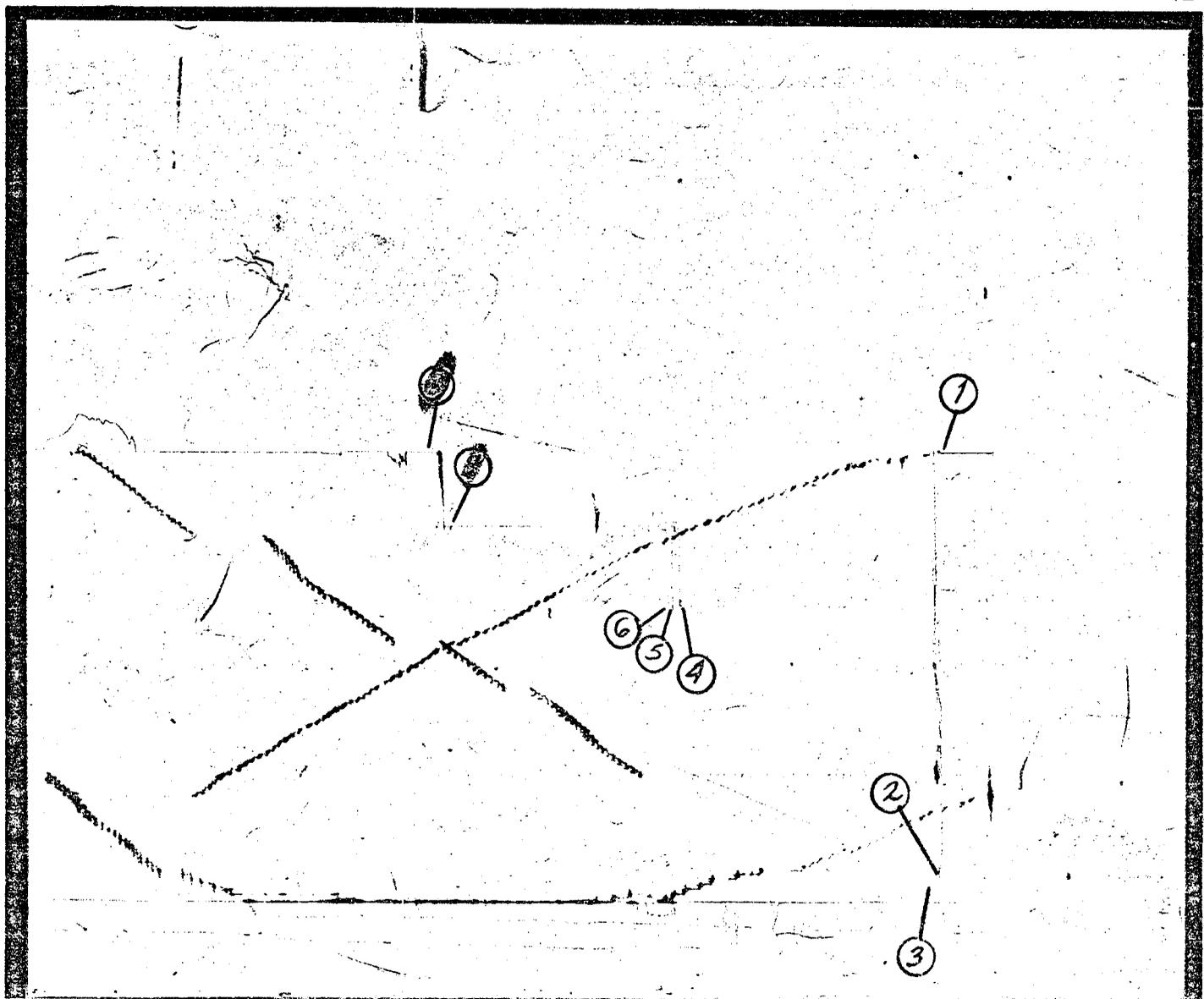
| <u>DESCRIPTION (RATE OF FLOW)</u> | <u>TIME</u> | <u>PRESSURE</u> <u>(P.S.I.G.)</u> | <u>SURFACE</u> <u>CHOKE</u> |
|--------------------------------------|-------------|--------------------------------------|--------------------------------|
| OPENED TOOL GOOD BLOW IMMEDIATELY | 0600 | - | 1/4" |
| | 0603 | 8 | " |
| | 0610 | 54 | " |
| GAS TO SURFACE | 0614 | - | " |
| | 0620 | 80 | " |
| | 0630 | 90 | " |
| | 0635 | 100 | " |
| | 0640 | 95 | " |
| | 0650 | 90 | " |
| | 0700 | 90 | " |
| | 0710 | 70 | " |
| OIL TO SURFACE | 0718 | - | " |
| | 0720 | 70 | " |
| | 0725 | 105 | " |
| TURNED TO SEPARATOR | 0730 | 120 | " |
| 3 BBLs. OIL, 150 MCF/DAY GAS | | | |
| 10 BBLs. OIL, 300 MCF/DAY GAS | 0830 | - | " |
| 10 BBLs. OIL, 300 MCF/DAY GAS | 0930 | - | " |
| 15 BBLs. OIL, 300 MCF/DAY GAS | 1030 | - | " |
| 8 BBLs. OIL, 150 MCF/DAY GAS | 1130 | - | " |
| CLOSED FOR FINAL SHUT-IN | 1207 | - | " |
| FINISHED SHUT-IN | 1309 | - | " |
| PULLED PACKER LOOSE | 1313 | - | - |

BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-026 CAPACITY (P.S.I.): 9000# DEPTH 10087 FT.
 PORT OPENING: INSIDE BOTTOM HOLE TEMP.: 202°F. FIELD REPORT NO. 03525 C

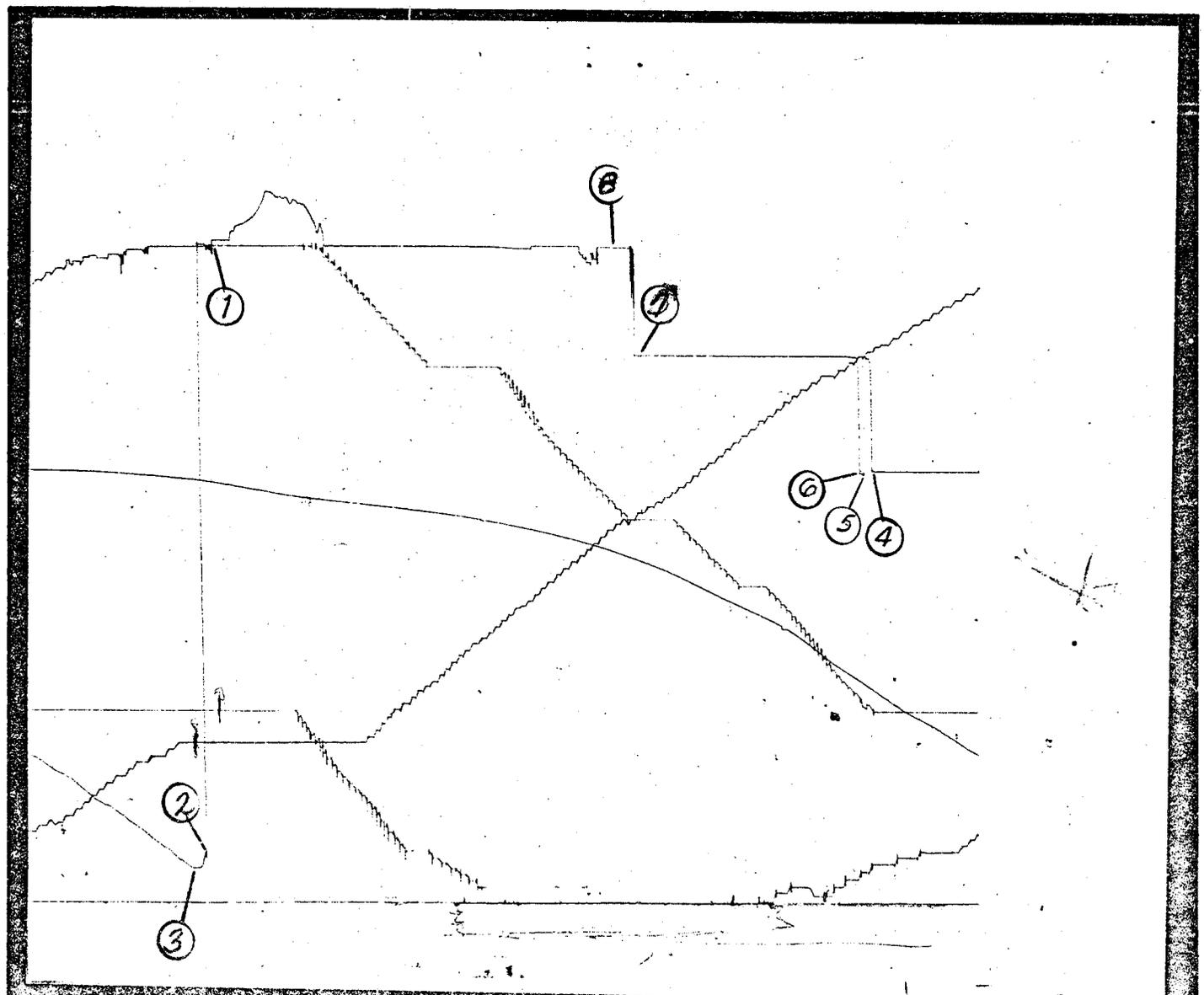
| DESCRIPTION | LABELLED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|-----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 5018.7 | | |
| INITIAL FLOW (1) | | | | |
| INITIAL FLOW (2) | | | - | - |
| INITIAL SHUT-IN | | | - | - |
| SECOND FLOW (1) | | | | |
| SECOND FLOW (2) | | | - | - |
| SECOND SHUT-IN | | | - | - |
| FINAL FLOW (1) | 2 | 354.6 | | |
| FINAL FLOW (2) | 6 | 3301.0 | 367 | 362 |
| FINAL SHUT-IN | 7 | 4201.9 | 62 | 65 |
| FINAL HYDROSTATIC MUD | 8 | 5026.0 | | |
| REMARKS: | 3 | 268.5 | | |
| | 4 | 3324.8 | | |
| | 5 | 3301.0 | | |

12+



FIELD REPORT NO.: 03525 C
INSTRUMENT NO.: J-392
CAPACITY: 6400#
NO. OF REPORTS: 12+

PRESSURE DATA FROM THIS CHART IS PRESENTED ON NEXT PAGE



BOTTOM HOLE PRESSURE AND TIME DATA



INSTRUMENT NO.: J-392 CAPACITY(P.S.I.): 6400 DEPTH: 10115 FT.
 PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 200 PAGE 1 OF 2

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 5022.1 | | |
| FINAL FLOW(1) | 2 | 418.0 | | |
| FINAL FLOW(2) | 6 | 3297.9 | 367 | 362 |
| FINAL SHUT-IN | 7 | 4192.4 | 62 | 65 |
| FINAL HYDROSTATIC MUD | 8 | 5013.2 | | |

CYCLED TOOL FOR 2 MINUTES DURING FINAL FLOW

INCREMENTAL READINGS

| LABEL POINT | DELTA TIME | PRESSURE (P.S.I.) | T + DT/DT | LOG | PW - PF (P.S.I.) | COMMENTS |
|-------------|------------|-------------------|-----------|-----|------------------|-----------------|
| 1 | | 5022.1 | | | | |
| 2 | 0 | 418.0 | | | | HYDROSTATIC MUD |
| 3 | 4 | 298.7 | | | | FINAL FLOW(1) |
| | 10 | 411.7 | | | | FLOW POINT |
| | 20 | 602.0 | | | | |
| | 30 | 774.5 | | | | |
| | 40 | 967.3 | | | | |
| | 50 | 1120.9 | | | | |
| | 60 | 1279.4 | | | | |
| | 70 | 1427.9 | | | | |
| | 80 | 1590.3 | | | | |
| | 90 | 1766.6 | | | | |
| | 100 | 1953.1 | | | | |
| | 110 | 2133.3 | | | | |
| | 120 | 2261.4 | | | | |
| | 130 | 2384.5 | | | | |
| | 140 | 2508.8 | | | | |
| | 150 | 2617.9 | | | | |
| | 160 | 2706.7 | | | | |
| | 170 | 2785.4 | | | | |
| | 180 | 2848.8 | | | | |
| | 190 | 2903.4 | | | | |
| | 200 | 2950.3 | | | | |
| | 210 | 2989.7 | | | | |
| | 220 | 3023.9 | | | | |
| | 230 | 3053.1 | | | | |
| | 240 | 3081.0 | | | | |
| | 250 | 3111.4 | | | | |
| | 260 | 3152.0 | | | | |
| | 270 | 3197.7 | | | | |
| | 280 | 3238.3 | | | | |
| | 290 | 3263.7 | | | | |
| | 300 | 3284.0 | | | | |
| | 310 | 3300.5 | | | | |
| | 320 | 3308.1 | | | | |

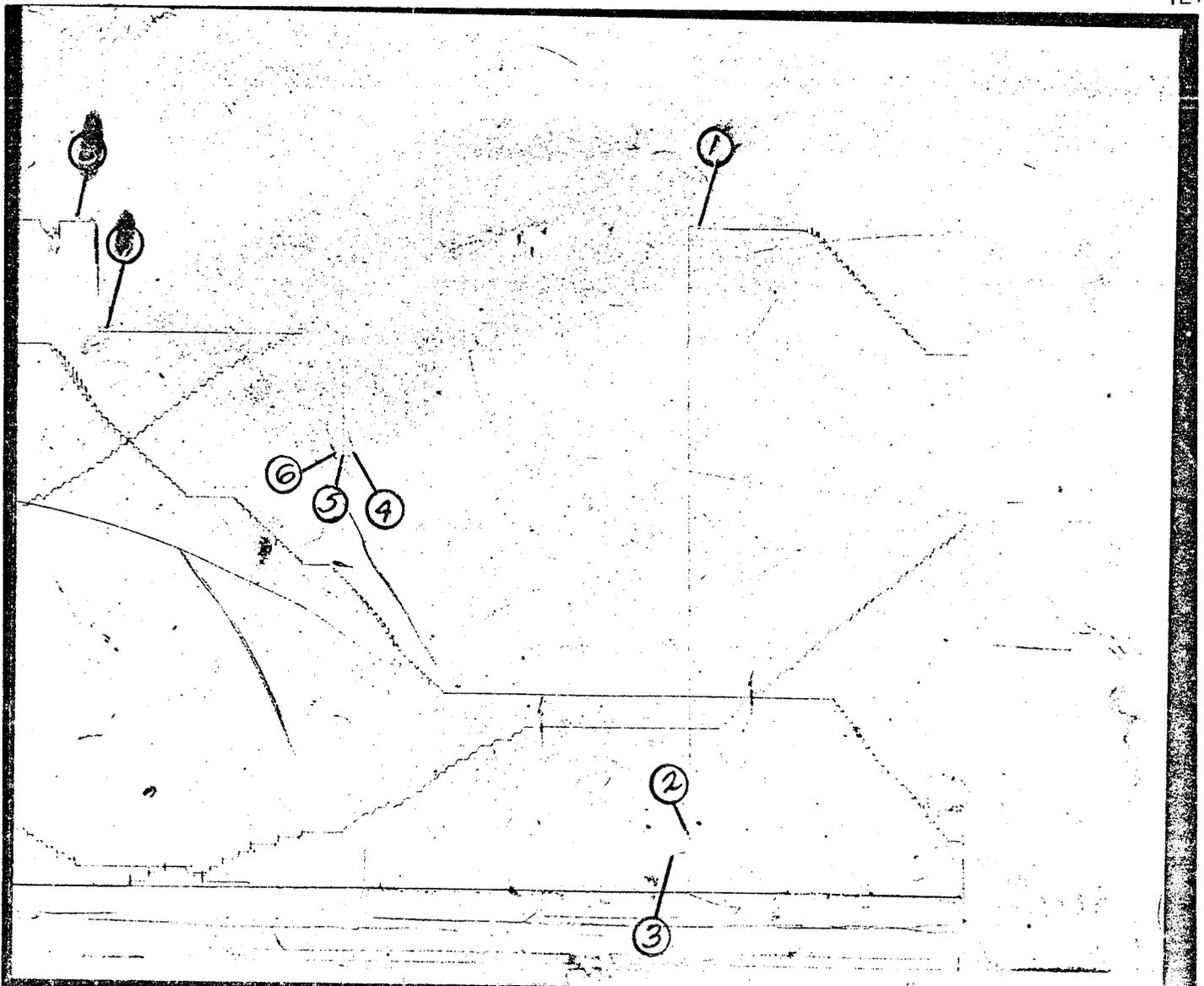
| LABEL POINT | DELTA TIME | PRESSURE (P.S.I.) | T + DT/DT | LOG | PW - PF (P.S.I.) | COMMENTS |
|-------------|------------|-------------------|-----------|-------|------------------|---|
| | 330 | 3311.9 | | | | |
| | 340 | 3314.4 | | | | |
| | 350 | 3314.4 | | | | |
| | 360 | 3314.4 | | | | |
| 4 | 361 | 3314.4 | | | | CYCLED TOOL RE-OPENED TOOL FINAL FLOW(2) STARTED SHUT-IN |
| 5 | 0 | 3297.9 | | | | |
| 6 | 1 | 3297.9 | | | | |
| 6 | 0 | 3297.9 | | | | |
| | 3 | 4187.3 | 121.333 | 2.084 | 889.4 | |
| | 6 | 4183.5 | 61.167 | 1.787 | 885.6 | |
| | 9 | 4188.6 | 41.111 | 1.614 | 890.6 | |
| | 12 | 4189.8 | 31.083 | 1.493 | 891.9 | |
| | 15 | 4191.1 | 25.067 | 1.399 | 893.2 | |
| | 18 | 4191.1 | 21.056 | 1.323 | 893.2 | |
| | 21 | 4191.1 | 18.190 | 1.260 | 893.2 | |
| | 24 | 4191.1 | 16.042 | 1.205 | 893.2 | |
| | 27 | 4191.1 | 14.370 | 1.157 | 893.2 | |
| | 30 | 4191.1 | 13.033 | 1.115 | 893.2 | |
| | 33 | 4191.1 | 11.939 | 1.077 | 893.2 | |
| | 36 | 4192.4 | 11.028 | 1.042 | 894.4 | |
| | 39 | 4192.4 | 10.256 | 1.011 | 894.4 | |
| | 42 | 4192.4 | 9.595 | 0.982 | 894.4 | |
| | 45 | 4192.4 | 9.022 | 0.955 | 894.4 | |
| | 48 | 4192.4 | 8.521 | 0.930 | 894.4 | |
| | 51 | 4192.4 | 8.078 | 0.907 | 894.4 | |
| | 54 | 4192.4 | 7.685 | 0.886 | 894.4 | |
| | 57 | 4192.4 | 7.333 | 0.865 | 894.4 | |
| | 60 | 4192.4 | 7.017 | 0.846 | 894.4 | |
| | 63 | 4192.4 | 6.730 | 0.828 | 894.4 | |
| 7 | 65 | 4192.4 | 6.554 | 0.816 | 894.4 | FINAL SHUT-IN HYDROSTATIC MUD |
| 8 | | 5013.2 | | | | |

BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-443 CAPACITY (P.S.I.): 6400# DEPTH 10136 FT.
 PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 198°F. FIELD REPORT NO. 03525 C

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 5055.0 | | |
| INITIAL FLOW (1) | | | | |
| INITIAL FLOW (2) | | | - | - |
| INITIAL SHUT-IN | | | - | - |
| SECOND FLOW (1) | | | | |
| SECOND FLOW (2) | | | - | - |
| SECOND SHUT-IN | | | - | - |
| FINAL FLOW (1) | 2 | 442.7 | | |
| FINAL FLOW (2) | 6 | 3328.7 | 367 | 362 |
| FINAL SHUT-IN | 7 | 4218.8 | 62 | 65 |
| FINAL HYDROSTATIC MUD | 8 | 5046.2 | | |
| REMARKS: | 3 | 327.3 | | |
| | 4 | 3345.0 | | |
| | 5 | 3328.7 | | |

12+



COMPANY AMERICAN QUASAR PETROLEUM COMPANY WELL UNION PACIFIC RAIL-ROAD # 3-1 TEST NO. 6 COUNTY SUMMIT STATE UTAH

JOHNSTON
Schlumberger

technical report



PRESSURE LOG*

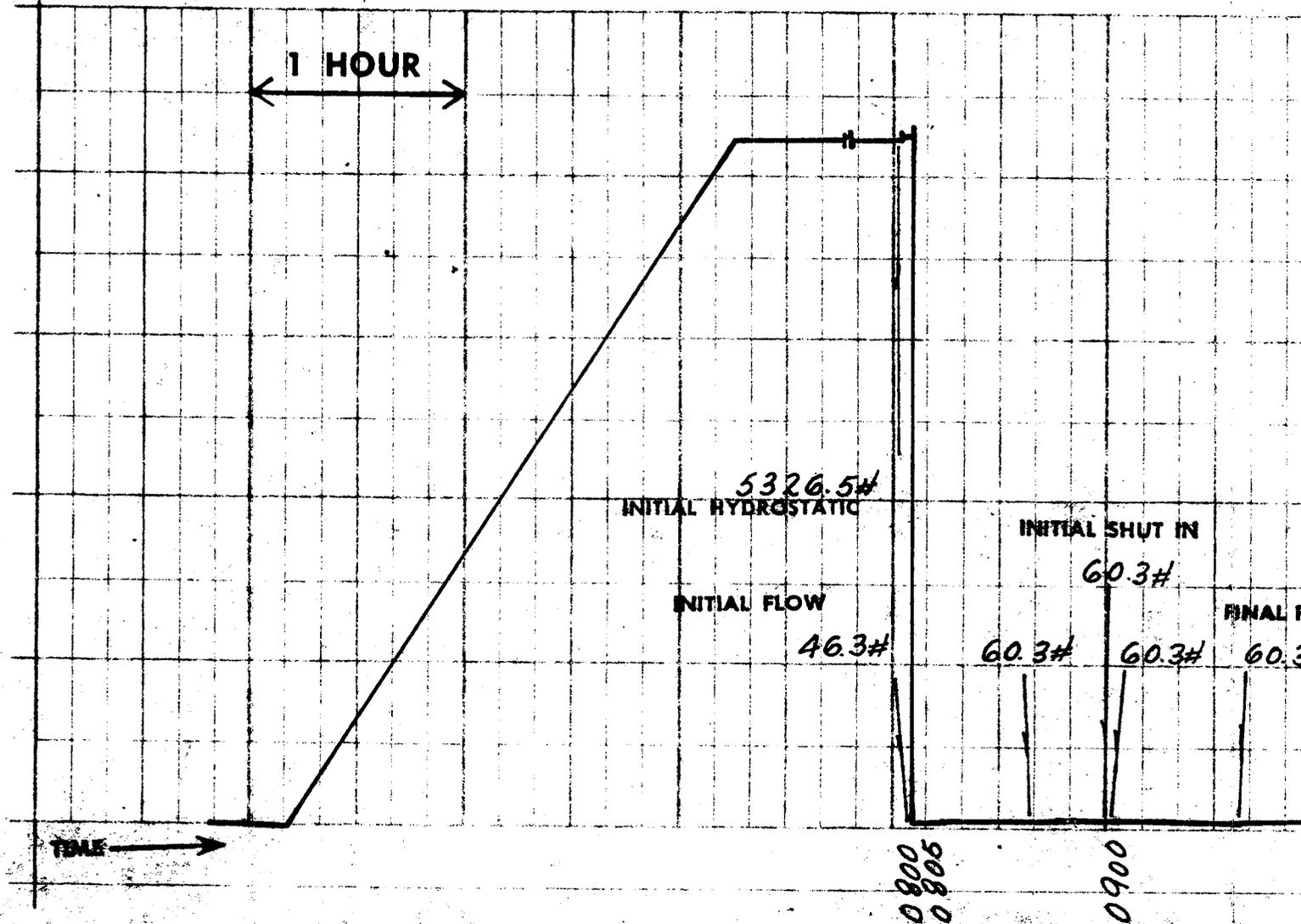
Field Report No. 06226 C

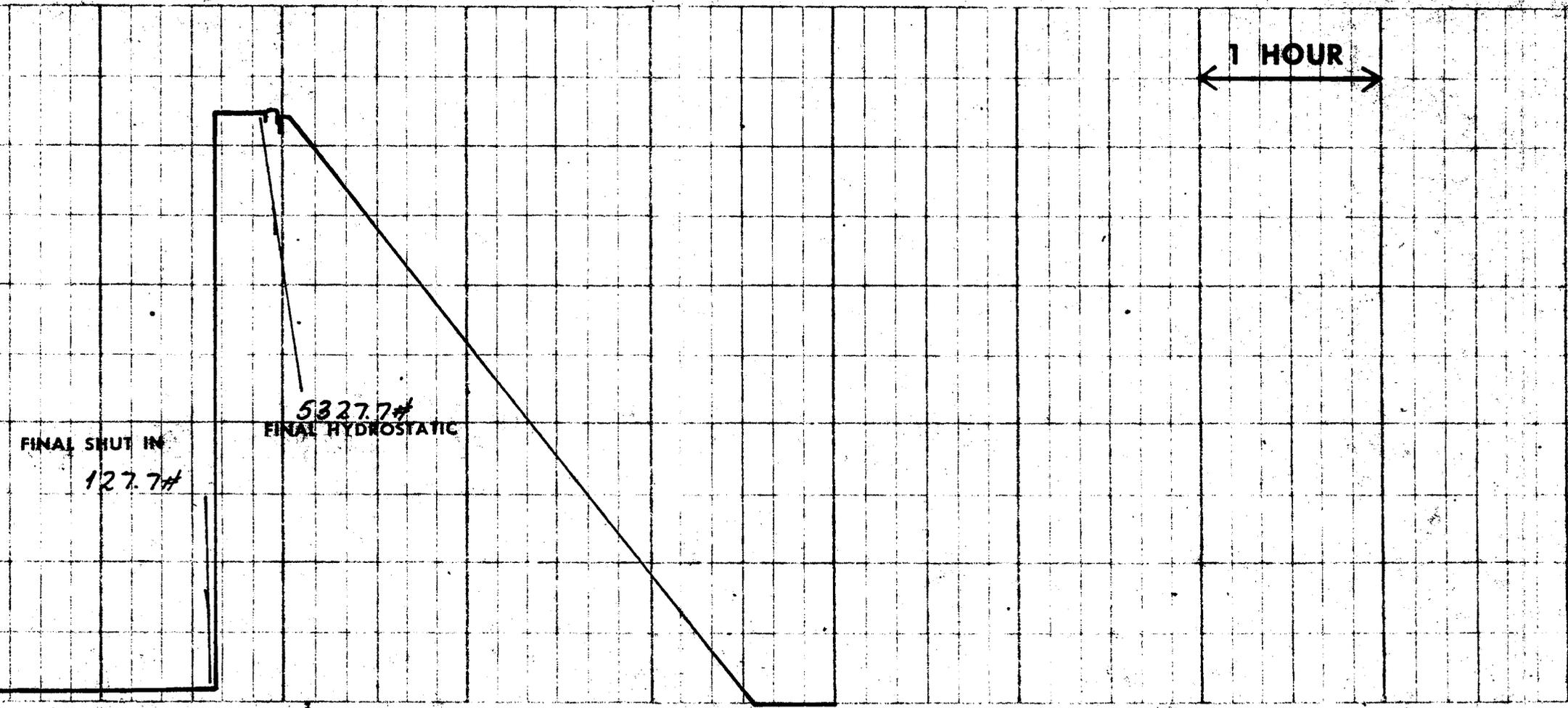
Instrument:
Number J-392

Capacity 6400 p.s.i.

Depth 10250 ft.

*a continuous tracing of the original chart





FINAL SHUT IN
127.7#

5327.7#
FINAL HYDROSTATIC

1 HOUR

1100

1200

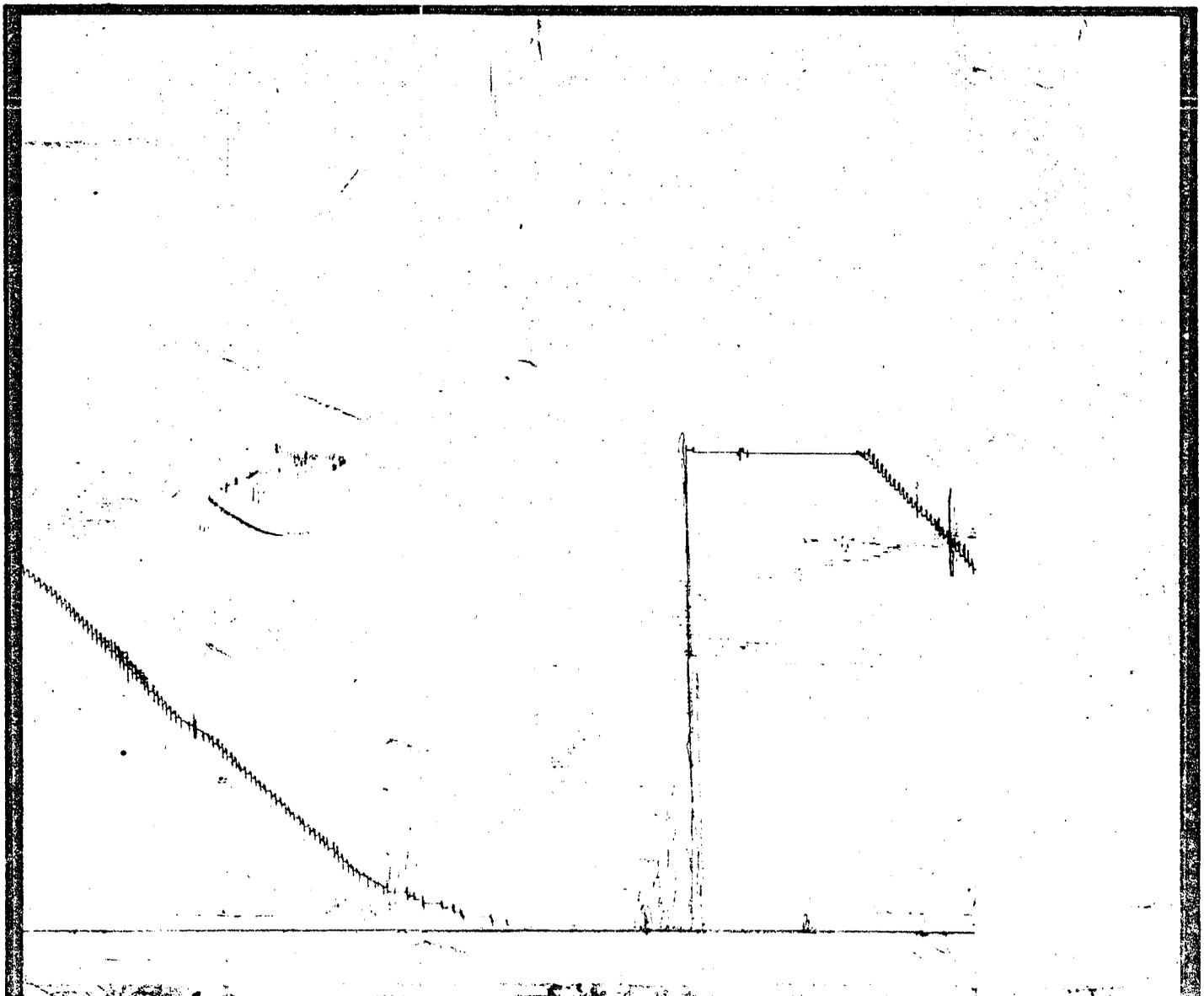
BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-026 CAPACITY (P.S.I.): 9000# DEPTH 10218 FT.
 PORT OPENING: INSIDE BOTTOM HOLE TEMP.: 190° F. FIELD REPORT NO. 06226 C

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | | - | | |
| INITIAL FLOW (1) | | - | | |
| INITIAL FLOW (2) | | - | | |
| INITIAL SHUT-IN | | - | | |
| SECOND FLOW (1) | | - | | |
| SECOND FLOW (2) | | - | | |
| SECOND SHUT-IN | | - | | |
| FINAL FLOW (1) | | - | | |
| FINAL FLOW (2) | | - | | |
| FINAL SHUT-IN | | - | | |
| FINAL HYDROSTATIC MUD | | - | | |

REMARKS: clock stopped; no pressures recorded.

12+



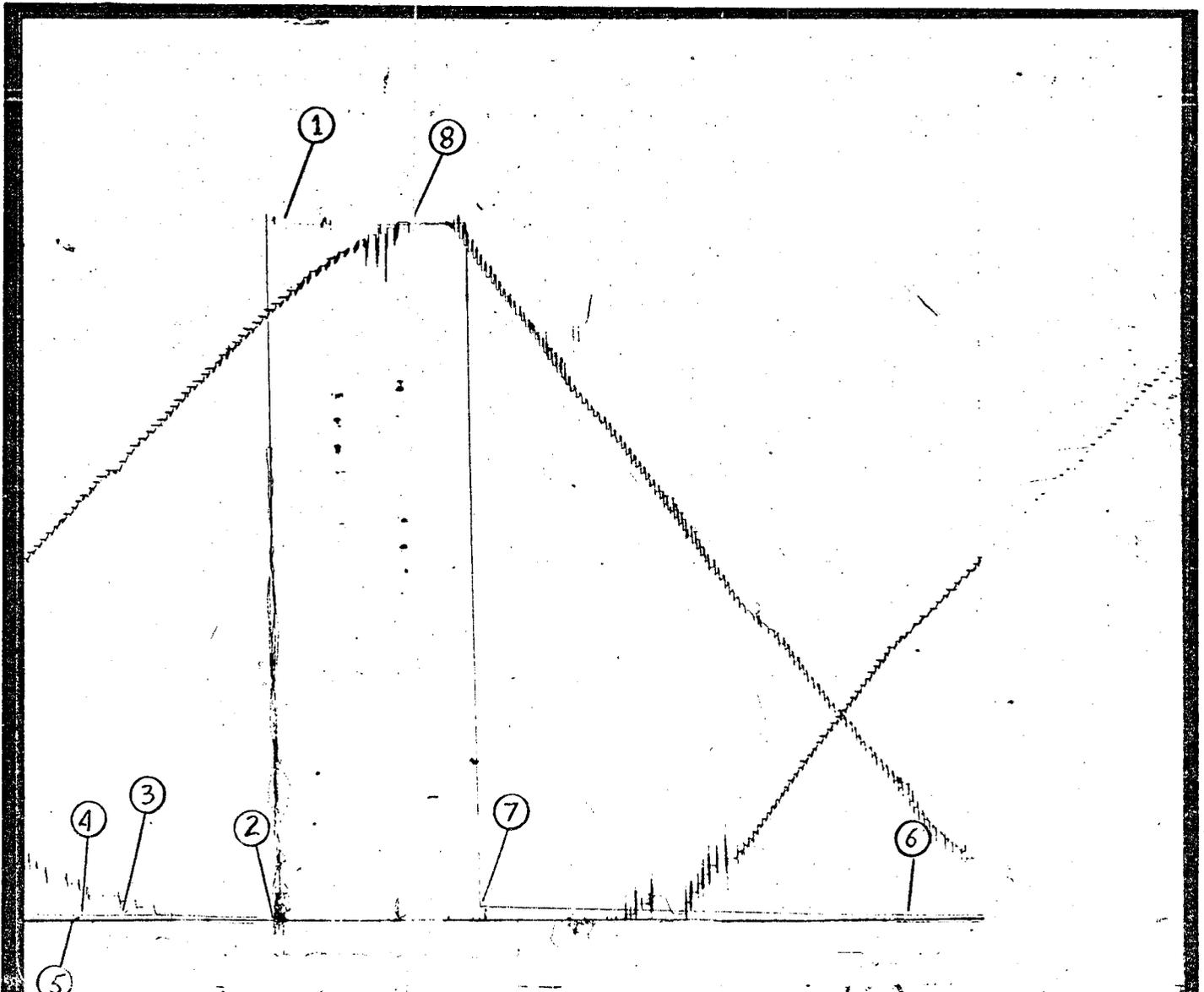
FIELD REPORT NO.: 06226 C

INSTRUMENT NO.: J-392

CAPACITY: 6400#

NO. OF REPORTS: 12+

PRESSURE DATA FROM THIS CHART IS PRESENTED ON NEXT PAGE



BOTTOM HOLE PRESSURE AND TIME DATA



INSTRUMENT NO.: J-392 CAPACITY(P.S.I.): 6400 DEPTH: 10250 FT.
 PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 190 PAGE 1 OF 2

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 5326.5 | | |
| INITIAL FLOW(1) | 2 | 46.3 | | |
| INITIAL FLOW(2) | 3 | 60.3 | 46 | 44 |
| INITIAL SHUT-IN | 4 | 60.3 | 14 | 11 |
| FINAL FLOW(1) | 5 | 60.3 | | |
| FINAL FLOW(2) | 6 | 60.3 | 30 | 36 |
| FINAL SHUT-IN | 7 | 127.7 | 120 | 120 |
| FINAL HYDROSTATIC MUD | 8 | 5327.7 | | |

INCREMENTAL READINGS

| LABEL POINT | DELTA TIME | PRESSURE (P.S.I.) | T + DT/DT | LOG | PW - PF (P.S.I.) | COMMENTS |
|-------------|------------|-------------------|-----------|-------|------------------|------------------------------------|
| 1 | | 5326.5 | | | | |
| 2 | 0 | 46.3 | | | | HYDROSTATIC MUD INITIAL FLOW(1) |
| | 5 | 46.3 | | | | |
| | 10 | 46.3 | | | | |
| | 15 | 47.6 | | | | |
| | 20 | 48.9 | | | | |
| | 25 | 53.9 | | | | |
| | 30 | 60.3 | | | | |
| | 35 | 60.3 | | | | |
| | 40 | 60.3 | | | | |
| | 44 | 60.3 | | | | |
| 3 | 0 | 60.3 | | | | INITIAL FLOW(2) STARTED SHUT-IN |
| 3 | 3 | 60.3 | 15.667 | 1.195 | 0. | |
| | 6 | 60.3 | 8.333 | 0.921 | 0. | |
| | 9 | 60.3 | 5.889 | 0.770 | 0. | |
| | 11 | 60.3 | 5.000 | 0.699 | 0. | |
| | 11 | 60.3 | | | | |
| 4 | 0 | 60.3 | | | | INITIAL SHUT-IN FINAL FLOW(1) |
| 5 | 5 | 60.3 | | | | |
| | 10 | 60.3 | | | | |
| | 15 | 60.3 | | | | |
| | 20 | 60.3 | | | | |
| | 25 | 60.3 | | | | |
| | 30 | 60.3 | | | | |
| | 35 | 60.3 | | | | |
| | 36 | 60.3 | | | | |
| 6 | 0 | 60.3 | | | | |
| 6 | 5 | 61.6 | 8.200 | 0.914 | 1.3 | |
| | 10 | 61.6 | 4.600 | 0.663 | 1.3 | |
| | 15 | 62.8 | 3.400 | 0.531 | 2.5 | |
| | 20 | 66.6 | 2.800 | 0.447 | 6.4 | |
| | 25 | 69.2 | 2.440 | 0.387 | 8.9 | |
| | 30 | 71.7 | 2.200 | 0.342 | 11.4 | |
| | 35 | 74.3 | 2.029 | 0.307 | 14.0 | |
| | 40 | 76.8 | 1.900 | 0.279 | 16.5 | |
| | 45 | 79.4 | 1.800 | 0.255 | 19.1 | |

| LABEL POINT | DELTA TIME | PRESSURE (P.S.I.) | T + DT/DT | LOG | PW - PF (P.S.I.) | COMMENTS |
|-------------|------------|-------------------|-----------|-------|------------------|----------------------------------|
| | 50 | 83.2 | 1.720 | 0.236 | 22.9 | |
| | 55 | 85.7 | 1.655 | 0.219 | 25.4 | |
| | 60 | 89.5 | 1.600 | 0.204 | 29.2 | |
| | 65 | 93.3 | 1.554 | 0.191 | 33.0 | |
| | 70 | 95.9 | 1.514 | 0.180 | 35.6 | |
| | 75 | 98.4 | 1.480 | 0.170 | 38.1 | |
| | 80 | 101.0 | 1.450 | 0.161 | 40.7 | |
| | 85 | 103.5 | 1.424 | 0.153 | 43.2 | |
| | 90 | 107.3 | 1.400 | 0.146 | 47.0 | |
| | 95 | 111.1 | 1.379 | 0.140 | 50.8 | |
| | 100 | 113.7 | 1.360 | 0.134 | 53.4 | |
| | 105 | 117.5 | 1.343 | 0.128 | 57.2 | |
| | 110 | 120.0 | 1.327 | 0.123 | 59.7 | |
| | 115 | 125.1 | 1.313 | 0.118 | 64.8 | |
| 7 | 120 | 127.7 | 1.300 | 0.114 | 67.4 | |
| 8 | | 5327.7 | | | | FINAL SHUT-IN HYDROSTATIC MUD |

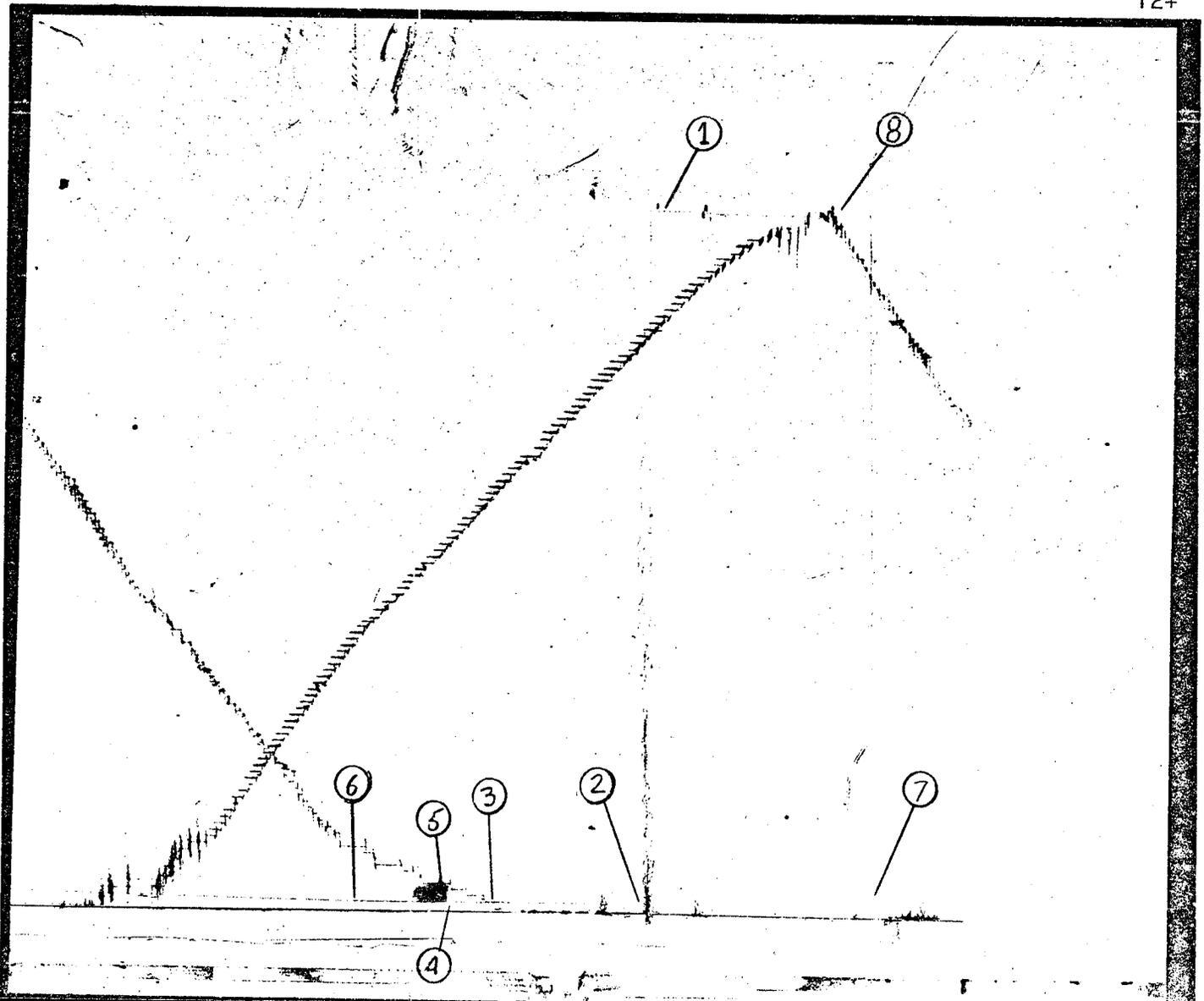
BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-443 CAPACITY (P.S.I.): 6400# DEPTH 10266 FT.
 PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 190°F. FIELD REPORT NO. 06226 C

| DESCRIPTION | LABELED POINTS | PRESSURE (P.S.I.) | GIVEN TIME | COMPUTED TIME |
|-------------------------|----------------|-------------------|------------|---------------|
| INITIAL HYDROSTATIC MUD | 1 | 5354.8 | | |
| INITIAL FLOW (1) | 2 | 77.9 | | |
| INITIAL FLOW (2) | 3 | 91.7 | 46 | 44 |
| INITIAL SHUT-IN | 4 | 87.9 | 14 | 11 |
| SECOND FLOW (1) | | | - | - |
| SECOND FLOW (2) | | | - | - |
| SECOND SHUT-IN | | | - | - |
| FINAL FLOW (1) | 5 | 87.9 | | |
| FINAL FLOW (2) | 6 | 85.5 | 30 | 36 |
| FINAL SHUT-IN | 7 | 157.0 | 120 | 120 |
| FINAL HYDROSTATIC MUD | 8 | 5359.8 | | |

REMARKS:

12+



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1538 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No. _____
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. X

API No. 43-043-30012

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
July, 1975

Agent's Address 330 Pacific Western Life Bldg. Company American Quasar Petroleum Co. of N.M.
Casper, Wyoming 82601 Signed A. H. Hurley, Jr.
Phone No. 265-3362 Title Division Operations Manager

| Sec. and 1/4 of 1/4 | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (If drilling, depth, if shut down, cause; date and result of test for gasoline content of gas) |
|---------------------------------------|------|-------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|---|
| SEC. 3 NW NW Union Pacific R.R. | 2N | 7E | 3-1 | | | | | | | Washed over fish and recovered same July 30, 1975. Drilled to 10,312' TD. Now running electric logs. |

GAS: (MCF)
Sold None
Flared/Vented None
Used On/Off Lease None

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month None
Produced during month None
Sold during month None
Unavoidably lost None
Reason: _____
On hand at end of month None

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DOGC STATE

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328 5771

State Lease No. _____
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____ X

API No. 43-043-30012

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
August 1975

Agent's Address 330 Pacific Western Life Bldg. Casper, Wyoming 82601 Company American Gasar Petroleum Co. of N.M.
 Signed A. H. Hurley, Jr.
 Title Division Operations Manager
 Phone No. 265-3362

| Sec. and 1/4 of 1/4 | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (If drilling, depth, if shut down, cause; date and result of test for gasoline content of gas) |
|----------------------------------|------|-------|----------|---------------|-------------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| SEC. 3 NW NW Union Pacific | 2N | 7E | 3-1 | 1 | 321 Twin Creek | 46.5 | 209 | - | Trace | Completed running electric logs. Set 7" casing at 10,312' and cemented with 290 sax. Released rig 8-12-75. Moved in completion unit. Perforated Twin Creek zone from 9,851' - 55' with 4 shots per foot. Ran 2-3/8" tubing and 7" Baker retrievematic packer. Set packer at 9,807' with tailpipe to 9,841'. Swabbed well to flowing. Killed well with treated lease water. Pulled 2-3/8" tubing and 7" Baker packer. Ran and set 7" Otis WP production packer at 9,940'. Ran Otis seal assembly and locator sub on 2-7/8" Atlas Bradford DSS tubing with 7" x 2-1/2" x 1-1/2" Otis RDH dual packer. Landed in Otis WB packer. Perforated Nugget zone from 10,006' - 36' with 4 shots per foot. Now prep to test Nugget zone. |

GAS: (MCF) Twin Creek
 Sold None
 Flared/Vented 209
 Used On/Off Lease None

OIL or CONDENSATE: (To be reported in Barrels) Twin Creek
 On hand at beginning of month -0-
 Produced during month 321
 Sold during month -0-
 Unavoidably lost -0-
 Reason _____
 On hand at end of month 321



STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
 113 WEST NORTH CAMP
 SALT LAKE CITY, UTAH 84116
 328 5771

State Lease No. _____
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____ **X**

API No. 43-043-30012

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD WILDCAT

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
September 1975

Agent's Address 330 Pacific Western Life Bldg. Casper, Wyoming 82601 Company American Quasar Petroleum Co. of N.M.
 Signed A. G. Hurley, Jr. Title Division Operations Manager
 Phone No. 265-3362

| and ¼ | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (If drilling, depth, if shut down, cause; date and result of test for gasoline content of gas) |
|---|-----------|-----------|------------|---------------|----------------|-------------|-------------------------------|-------------------------------|--------------------------------------|--|
| <u>Sec. 3 NWNW</u> <u>Union Pacific R.R.</u> | <u>2N</u> | <u>7E</u> | <u>3-1</u> | <u>20</u> | <u>5,900</u> | <u>46.5</u> | <u>5,953</u> | <u>-</u> | <u>Trace</u> | <u>Installed back pressure valve in 2-7/8" tubing hanger to close in Nugget. Removed xmas tree. Installed BOP's. Went in hole with 1-1/2" seal assy. & latch sub on 2-3/8" AB-DSS tubing. Landed in Otis RDH packer with 6000#. Removed BOP's and installed dual xmas tree. Set RDH dual packer. Removed back pressure valves from both tubing strings and swabbed to flowing.</u> |
| | | | | <u>24</u> | <u>5,162</u> | <u>47.3</u> | <u>5,175</u> | <u>-</u> | <u>Trace</u> | |

| GAS: (MCF) | <u>TWIN CREEK</u> | <u>NUGGET</u> | OIL or CONDENSATE: (To be reported in Barrels) | <u>TWIN CREEK</u> | <u>NUGGET</u> |
|-------------------|-------------------|---------------|--|-------------------|-----------------|
| Sold | <u>None</u> | <u>None</u> | On hand at beginning of month | <u>321.00</u> | <u>-0-</u> |
| Flared/Vented | <u>5,753</u> | <u>4,935</u> | Produced during month | <u>5,899.78</u> | <u>5,162.07</u> |
| Used On/Off Lease | <u>200</u> | <u>240</u> | Sold during month | <u>5,447.10</u> | <u>4,365.07</u> |
| | | | Unavoidably lost | <u>-0-</u> | <u>-0-</u> |
| | | | Recovered | | |
| | | | On hand at end of month | <u>773.68</u> | <u>797.00</u> |

DRILLING/PRODUCING WELLS: This report must be filed on or before the first day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

PI 4

OGCC-3



STATE OF UTAH

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO. Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Union Pacific Railroad

9. WELL NO. 3-1

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 3-2N-7E

12. COUNTY OR PARISH Summit 13. STATE Utah

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] Other []
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other []

2. NAME OF OPERATOR American Quasar Petroleum Company of New Mexico

3. ADDRESS OF OPERATOR 330 Pacific Western Life Building - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 535' FNL & 760' FWL (NW NW)
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-043-30012 DATE ISSUED 1-23-75

15. DATE SPUNDED 2-5-75 16. DATE T.D. REACHED 8-1-75 17. DATE COMPL. (Ready to prod.) 9-23-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL 6,660'; KB 6,682' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 10,312' 21. PLUG, BACK T.D., MD & TVD 10,222' 22. IF MULTIPLE COMPL., HOW MANY* Two 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0'-10,312'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Nugget - 9,983' - 10,312' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL; Sonic; Dipmeter, GR, CBL, CCL & Carbon Oxygen 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well) Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED

29. LINER RECORD Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD)
30. TUBING RECORD Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) Nugget - 10,006' - 10,036' with 4 1-11/16" Dikone SPF
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKES SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO, FLOW. TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL-BBL., GAS-MCF., WATER-BBL., OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared TEST WITNESSED BY Delmar Chapman

35. LIST OF ATTACHMENTS One Attachment

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED A. H. Hurley, Jr. TITLE Division Operations Manager DATE 12-8-75

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|-----------|--------------------|--------|-----------------------------|
| | SEE ATTACHMENT NO. | 1 | |

38.

GEOLOGIC MARKERS

| NAME | TOP | |
|--------------|-------------|------------------|
| | MEAS. DEPTH | TRUE VERT. DEPTH |
| Wanship | 1,355' | |
| Kelvin | 1,640' | |
| Morrison | 5,100' | |
| Stump | 6,020' | |
| Pruess | 7,590' | |
| Top of Salt | 8,055' | |
| Base of Salt | 8,558' | |
| Twin Creek | 8,658' | |
| Gyp Springs | 9,936' | |
| Nugget | 9,983' | |
| TD | 10,312' | |

STATE OF UTAH

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
 American Quasar Petroleum Company of New Mexico

3. ADDRESS OF OPERATOR
 330 Pacific Western Life Building - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 535' FNL & 760' FWL (NW NW)
 At top prod. interval reported below
 At total depth

14. PERMIT NO. 43-043-30012 DATE ISSUED 1-23-75

15. DATE SPUNDED 2-5-75 16. DATE T.D. REACHED 8-1-75 17. DATE COMPL. (Ready to prod.) 9-23-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL 6,660'; KB 6,682'

20. TOTAL DEPTH, MD & TVD 10,312' 21. PLUG, BACK T.D., MD & TVD 10,222' 22. IF MULTIPLE COMPL., HOW MANY* Two 23. INTERVALS DRILLED BY → 10'-10,312'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
 Twin Creek - 8,658' - 9,935'

26. TYPE ELECTRIC AND OTHER LOGS RUN
 DIL, Sonic, Dipmeter, GR, CBL, CCL & Carbon Oxygen

23. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 9-5/8" | 36# | 1,954' | 12-1/4" | 1,025 sax | -0- |
| 7" | 29,26 & 23# | 10,312' | 8-3/4" | 290 sax | -0- |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|----------------------|----------------|-----------------|
| See attachment No. 1 | | |

31. PERFORATION RECORD (Interval, size and number)
 Twin Creek - 9,856' - 9,866' w/4 SPF
 9,851' - 9,855' w/4 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| None | |

33.* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |
|-----------------------|--|------------------------------------|
| 8-27-75 | Flowing | Producing |

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|--------------|--------------|------------|-------------------------|----------|----------|------------|---------------|
| 9-23-75 | 4 | 28/64" | → | 96 | 420 | None | 729:1 |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|----------|----------|------------|-------------------------|
| 240 | 0 | → | 576 | 420 | None | 47.3 |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
 Flared

35. LIST OF ATTACHMENTS
 One attachment

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED A. H. Hurley, Jr. TITLE Division Operations Manager DATE 12-8-75

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

5. LEASE DESIGNATION AND SERIAL NO.
 Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Union Pacific Railroad

9. WELL NO.
 3-1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
 Sec. 3-2N-7E

12. COUNTY OR PARISH
 Summit

13. STATE
 Utah

19. ELEV. CASINGHEAD

25. WAS DIRECTIONAL SURVEY MADE
 No

27. WAS WELL CORED
 Yes

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

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Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|-----------|-----|--------|-----------------------------|
| | | | SEE ATTACHMENT NO. 1 |

38.

GEOLOGIC MARKERS

| NAME | TOP | |
|--------------|-------------|------------------|
| | MEAS. DEPTH | TRUE VERT. DEPTH |
| Wanship | 1,355' | |
| Kelvin | 1,640' | |
| Morrison | 5,100' | |
| Stump | 6,020' | |
| Pruess | 7,590' | |
| Top of Salt | 8,055' | |
| Base of Salt | 8,558' | |
| Twin Creek | 8,658' | |
| Gyp Springs | 9,936' | |
| Nugget | 9,983' | |
| TD | 10,312' | |

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

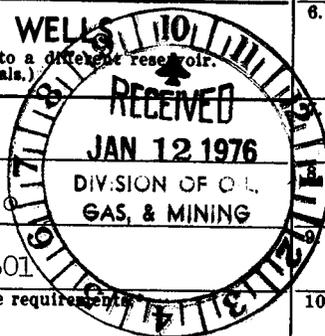
American Quasar Petroleum Company of New Mexico

3. ADDRESS OF OPERATOR

330 Pacific Western Life Bldg., Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface 535' FNL & 760' FWL (NW NW)



UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Union Pacific Railroad

9. WELL NO.

3-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 3-2N-7E

14. PERMIT NO.

43-043-30012

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 6,660'; KB 6,682'

12. COUNTY OR PARISH

Summit

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Additional perforating

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Nugget Formation

On December 20, 1975 additional perforations were shot in the Nugget formation as follows:

10,062' - 10,067' - 4 - 2 1/8" Link-kone shots per ft.

10,043' - 10,047' - 4 - 2 1/8" Link-kone shots per ft.

Correlated Dresser-Atlas CBL to Density Log.

Ran CCL on perfs from 9,900' - 10,100'.

18. I hereby certify that the foregoing is true and correct

SIGNED

A. H. Hurley, Jr.

TITLE Division Operations Mngr.

DATE 12-26-75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



AMERICAN QUASAR PETROLEUM CO. OF NEW MEXICO

1630 DENVER CLUB BUILDING, 518 SEVENTEENTH STREET, DENVER, COLORADO 80202, U.S.A.
Telephone (303) 623-5775

March 11, 1976



Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Cleon B. Feight, Director

Re: Ela Boyer Lease
S/2 Section 34, T3N-R7E
Summit County, Utah
Pineview Prospect - #1101

Gentlemen:

Reference is made to your inquiry dated February 9, 1976 regarding development plans for the Ela Boyer lease, described above. In connection with such letter and in order to bring you up to date with developments in the Pineview Field, be advised of our current progress as follows:

| <u>Well</u> | <u>Operator</u> | <u>Location</u> | <u>Status</u> |
|----------------|-----------------|-----------------|---|
| Newton Sheep | American Quasar | SE/4 Sec. 4 | Producing 300 B.O.P.D. |
| UPRR 3-1 | American Quasar | NW/4 Sec. 3 | Producing 720 B.O.P.D. |
| UPRR 3-2 | American Quasar | SW/4 Sec. 3 | Drilling below 14,075' enroute to a 2nd Nugget objective. |
| UPRR 3-3 | American Quasar | SE/4 Sec. 3 | Drilling below 2,655'. |
| No. 1 McDonald | Champlin | NE/4 Sec. 3 | Drilling below 7,469'. |

As you are aware, the drilling of each additional development well yields information critical to the determination of the productive capabilities and lineal extent of our Nugget reservoir. As such, the data obtained from the drilling of any such well forms the basis for determining the location of the next well to be drilled.

As indicated above, the UPRR 3-3 (American Quasar - Operator) and the No. 1 McDonald (Champlin - Operator) are currently enroute to a Nugget objective

Department of Natural Resources
March 11, 1976
Page 2

projected to be encountered at approximate depth of 9,800'. The results of these wells when completed, will not only help to delineate the eastern limits of the productive closure, but will also help to delineate the northern extent of the feature. As such, the outcome of these wells will greatly influence our decision as to whether or not a development well can be justified at a location in the S/2 of Section 34 (Ela Boyer lease).

At present and in view of the extravagant cost of these development wells (in excess of \$1,000,000.00) and the complexity of the structure into which we have tapped, the consensus of opinion as between American Quasar and its partners (Amoco Production Company, Occidental Petroleum Corp., Industrial Energy Corp., Sun Oil Company and North Central Oil Corporation) is that our exploitation program should proceed on a well by well basis. Such a program will (i) assure the orderly development of the Pineview Field; (ii) maximize the ultimate recovery of hydrocarbon substances and minimize the costs of recovering the same; and (iii) serve to best protect the correlative rights of all parties concerned (royalty and working interest owners alike).

We would like very much at this time to be able to drill the Ela Boyer lease but feel that more data must be obtained in order to substantiate the drilling of same. We are endeavoring to acquire such data and will certainly keep both you and Mrs. Boyer personally advised as to our development plans affecting the S/2 of Section 34. Thank you.

Sincerely,

AMERICAN QUASAR PETROLEUM CO.
OF NEW MEXICO



Thomas S. Gaylord
Division Landman

TSG/pb

cc: Mrs. Ela Boyer
Mr. Bernie Pracko, Amoco Production Company
Mr. Jack Duvall, Occidental Petroleum Corp.
Mr. W. Paul Stephenson, Industrial Energy Corp.
Mr. Charles Measley, Sun Oil Company
Mr. Charles Pirtle, North Central Oil Corporation
Mr. Jim Werner, American Quasar Petroleum Co.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No. _____
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. X
API # 43-043-30012

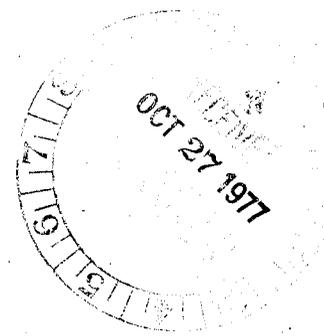
REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD/LEASE Pineview

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
September, 19 77

Agent's Address 707 United Bank Tower Company American Quasar Petroleum Co.
1700 Broadway Signed A. H. Hurley, Jr.
Denver, Colorado 80290 Title A. H. Hurley, Jr.
Phone No. 303-861-8437 Division Operations Manager

| Sec. and 1/4 of 1/4 | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|-------------------------|------|-------|----------|---------------|----------------|------------|-------------------------------|-------------------------------|--------------------------------------|--|
| Sec. 3 NW NW UPRR | 2N | 7E | 3-1 | 0 | 0 | TWIN CREEK | 0 | 0 | 0 | RU WO rig 9-28-77 WIH w/2 7/8" tbg Fishing |
| | | | | | | NUGGET | 0 | 0 | 0 | |
| | | | TC | 0 | | | | TC | 0 | |

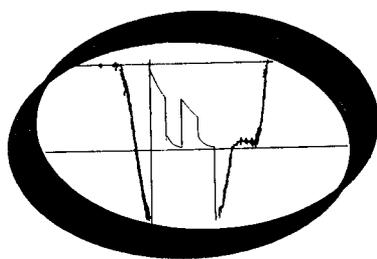
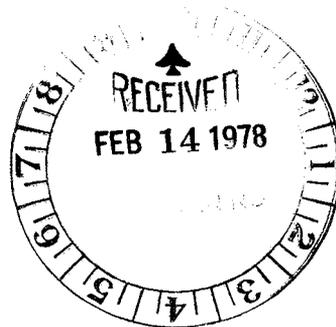


TC 0
Gas Sold N 0
Flared/Vented _____
Used on/off Lease _____

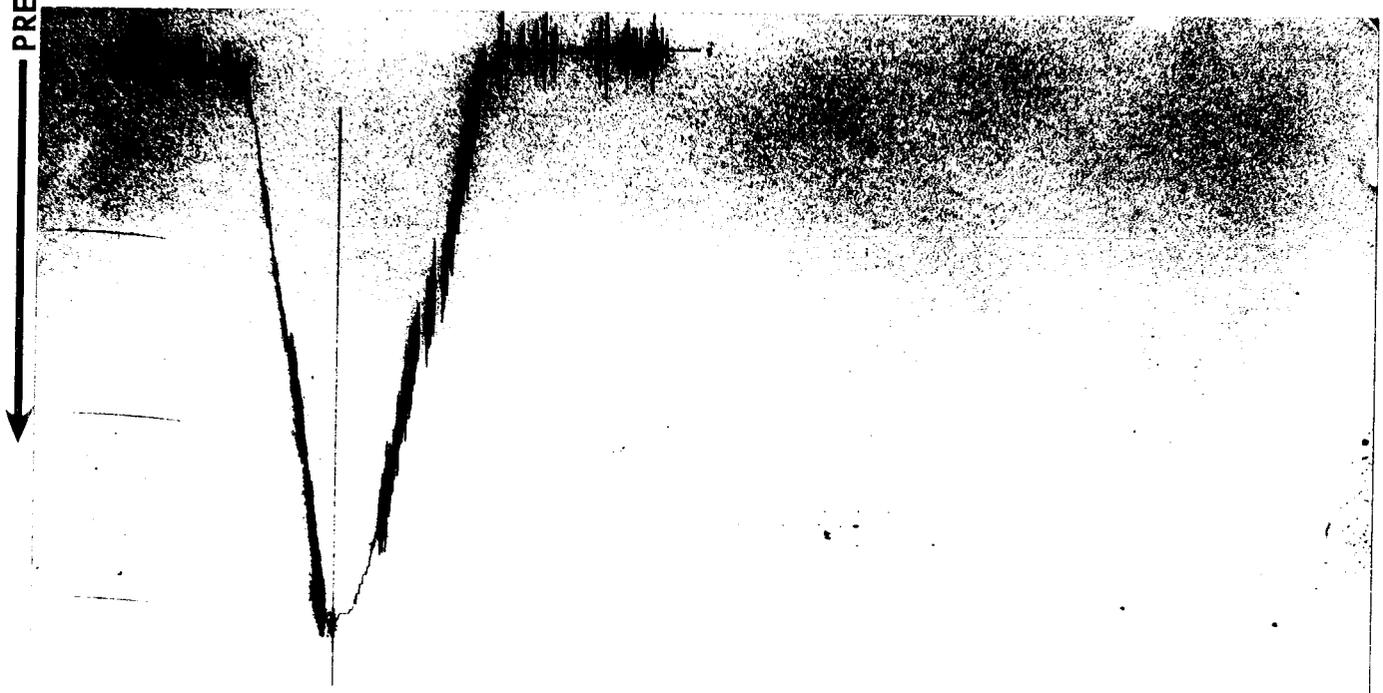
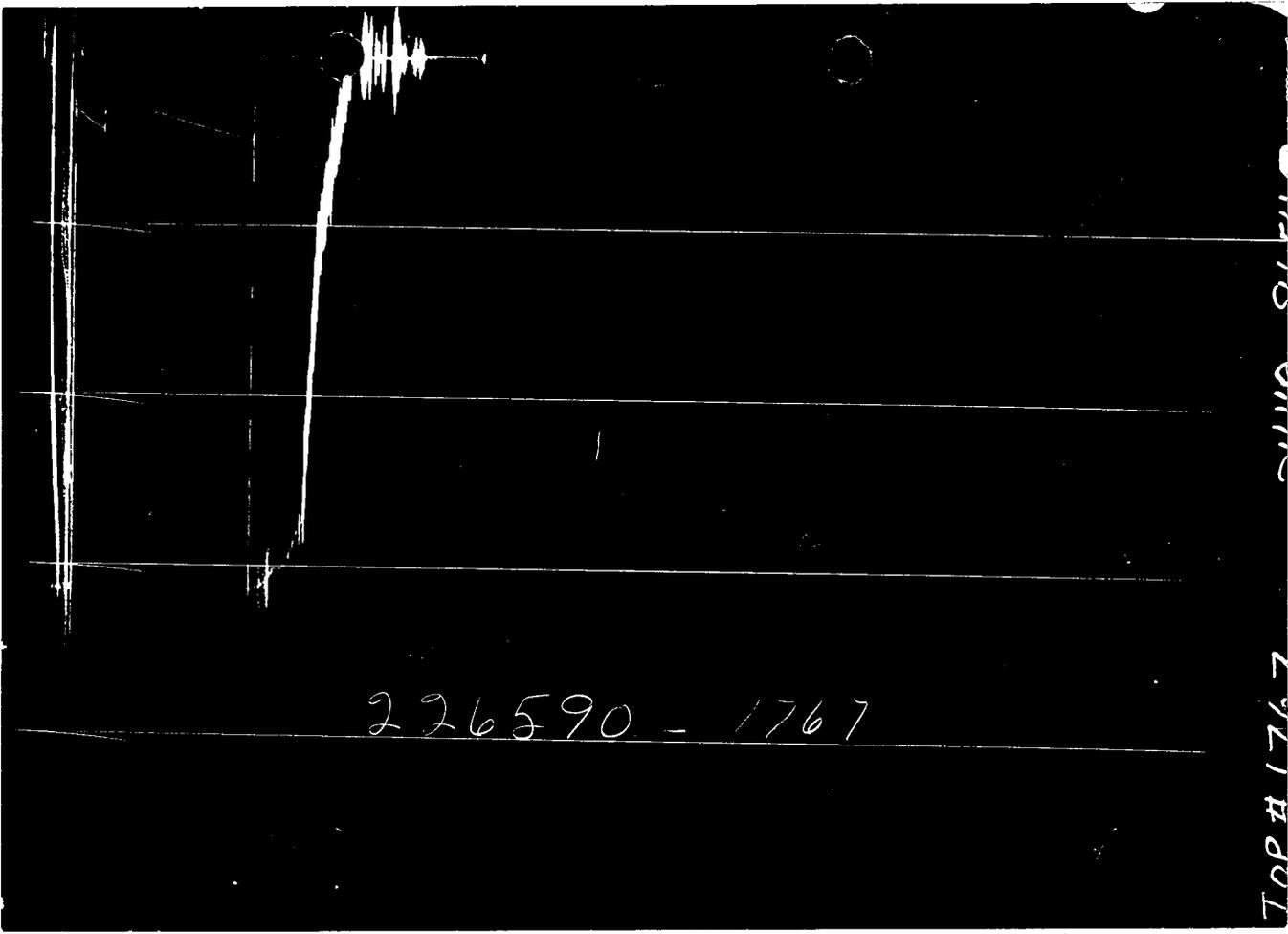
NOTE: There were N 0 runs or sales of oil; N 0 M. cu. ft. of gas sold;
0 runs or sales of gasoline during the month.

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DUPLICATE.

Formation Testing Service Report



HALLIBURTON SERVICES
DUNCAN, OKLAHOMA



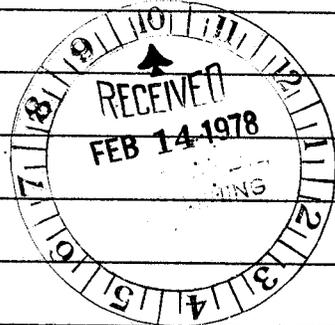
226590 - ~~187~~ 235

Each Horizontal Line Equal to 1000 p.s.i.

ANSCHUTZ RANCH
 Lease Name
 34-4N-7E
 Well No. 1
 Tested Interval 6765-6885'
 ANSCHUTZ CORPORATION
 Lease Owner/Company Name

Legal Location
 Sec. - Twp. - Rng.
 34-4N-7E
 Field Area
 WILDCAT
 County
 SUMMIT
 State
 UTAH

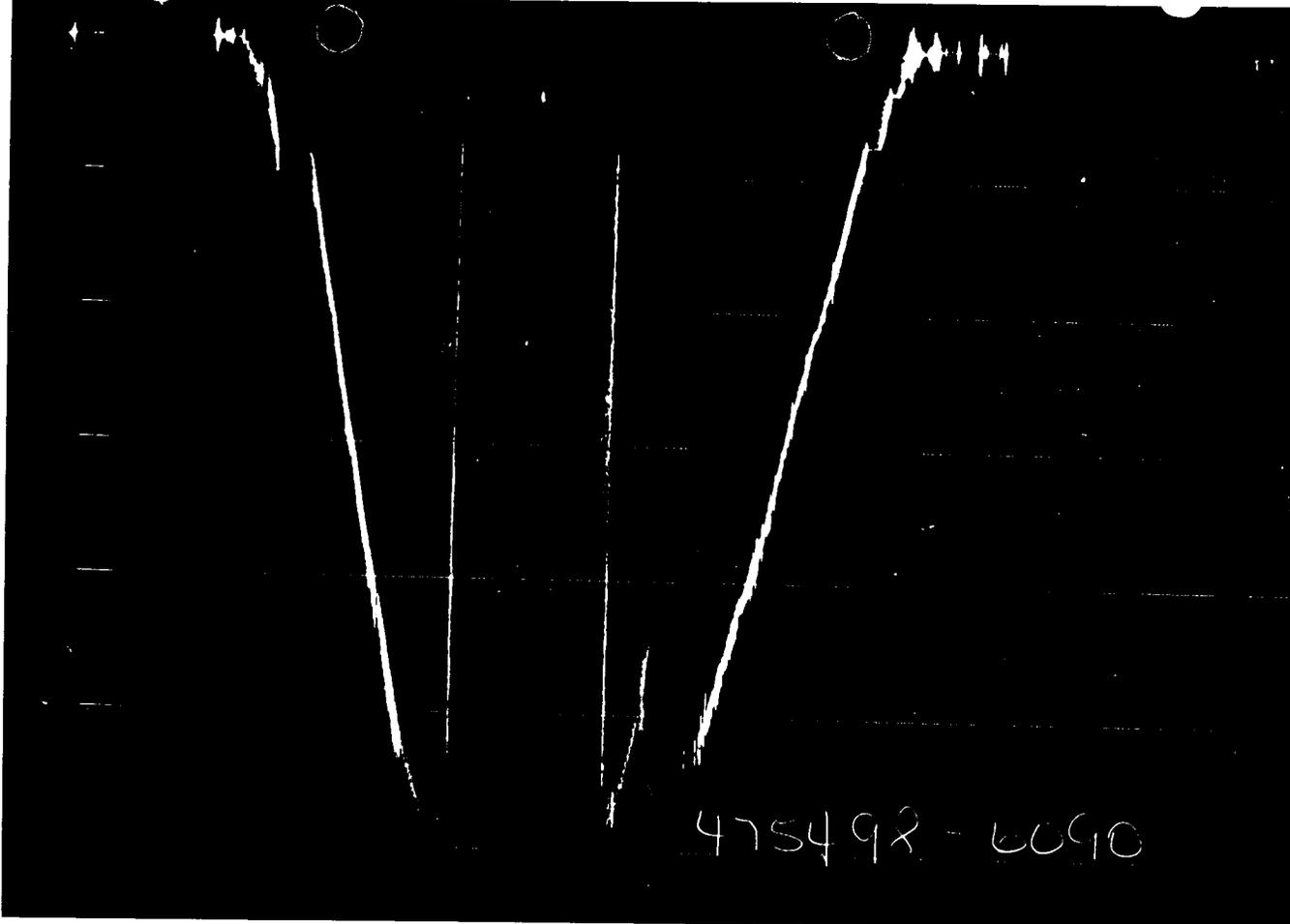
| FLUID SAMPLE DATA | | | | Date | Ticket Number | |
|---|--------------|--------------------------------|-----------------|--------------------------|----------------------|------------------|
| Sampler Pressure _____ P.S.I.G. at Surface | | | | 2-1-78 | 226590 | |
| Recovery: Cu. Ft. Gas _____ | | | | Kind of Job | Halliburton District | |
| cc. Oil _____ | | | | OPEN HOLE | ROCK SPRINGS | |
| cc. Water _____ | | | | Tester | Witness | |
| cc. Mud 2000 | | | | R.J. FORAKER | D. WEAVER | |
| Tot. Liquid cc. 2000 | | | | Drilling Contractor | DR | |
| Gravity _____ ° API @ _____ °F. | | | | UNIVERSAL # 7 | | |
| Gas/Oil Ratio _____ cu. ft./bbl. | | | | EQUIPMENT & HOLE DATA | | |
| RESISTIVITY _____ CHLORIDE CONTENT _____ | | | | Formation Tested | Twin Creek | |
| Recovery Water @ _____ °F. _____ ppm | | | | Elevation | 5710' Ft. | |
| Recovery Mud .55 @ 70 °F. _____ ppm | | | | Net Productive Interval | 120' Ft. | |
| Recovery Mud Filtrate .32 @ 70 °F. 20,000 ppm | | | | All Depths Measured From | Kelly Bushing | |
| Mud Pit Sample .76 @ 61 °F. _____ ppm | | | | Total Depth | 6885' Ft. | |
| Mud Pit Sample Filtrate .50 @ 61 °F. 14,000 ppm | | | | Main Hole/Casing Size | 12 1/4" | |
| Mud Weight 8.9 vis 36 sec | | | | Drill Collar Length | 330' I.D. 2.375 | |
| | | | | Drill Pipe Length | 6398' I.D. 3.826" | |
| | | | | Packer Depth(s) | 6757-6765' Ft. | |
| | | | | Depth Tester Valve | 6739' Ft. | |
| Cushion | | TYPE | AMOUNT | Depth Back Pres. Valve | Surface Choke | Bottom Choke |
| | | | | Ft. | 1/8" | .75" |
| Recovered | | 600 | Feet of | drilling mud | | |
| Recovered | | | Feet of | | | |
| Recovered | | | Feet of | | | |
| Recovered | | | Feet of | | | |
| Recovered | | | Feet of | | | |
| Remarks | | SEE PRODUCTION TEST DATA SHEET | | | | |
| Q-Questionable | | | | | | |
| TEMPERATURE | | Gauge No. 1767 | Gauge No. 235 | Gauge No. | TIME | |
| | | Depth: 6740 Ft. | Depth: 6882 Ft. | Depth: _____ Ft. | | |
| Est. °F. | | 24 Hour Clock | 24 Hour Clock | Hour Clock | Tool _____ A.M. | |
| | | Blanked Off NO | Blanked Off YES | Blanked Off | Opened 12:30 P.M. | |
| Actual 132 °F. | | Pressures | | Pressures | | Bypass 4:05 P.M. |
| | | Field | Office | Field | Office | Reported |
| Initial Hydrostatic | | 3129 | 3152 | 3121 0 | | Minutes |
| First Period | Flow Initial | 330 | 345 | | | Minutes |
| | Flow Final | 360 | 343 | CLOCK STOPPED | | |
| | Closed in | 450 | 441 | | | 5 |
| Second Period | Flow Initial | 330 | 345 | | | 30 |
| | Flow Final | 360 | 338 | | | |
| | Closed in | 480 | 497 | | | 60 |
| Third Period | Flow Initial | | | | | 120 |
| | Flow Final | | | | | |
| | Closed in | | | | | |
| Final Hydrostatic | | 3129 | 3144 | | | |



C 10

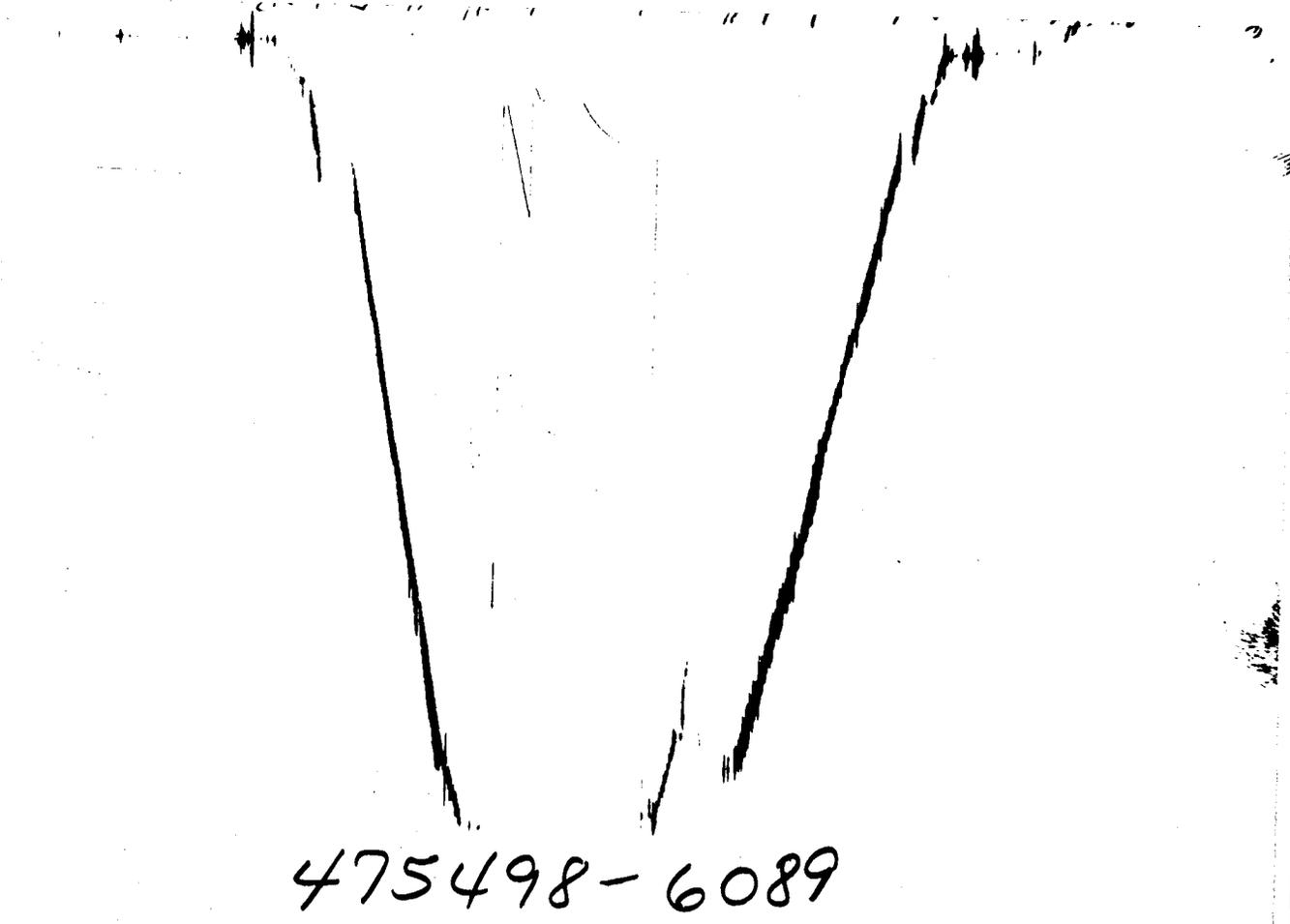
| | O. D. | I. D. | LENGTH | DEPTH |
|-------------------------------|--------|--------|--------------------|-------|
| Drill Pipe or Tubing | | | | |
| Reversing Sub | 7.25" | 2.875" | 1.03' | |
| Water Cushion Valve | | | | |
| Drill Pipe | 4.50" | 3.826" | 6398' | |
| Drill Collars | 7.625" | 2.375" | 330' | |
| Handling Sub & Choke Assembly | 6.50" | 2.375" | .98' | |
| Dual CIP Valve | 7.75" | 2.75" | 1.02' Sub | |
| Dual CIP Sampler | 5.75" | .87" | 6.75' | |
| Hydro-Spring Tester | 5.00" | .75" | 5.03' | 6739' |
| Multiple CIP Sampler | | | | |
| Extension Joint | | | | |
| AP Running Case | 5.00" | 2.25" | 4.12' | 6740' |
| Hydraulic Jar | 5.00" | 1.75" | 5.0' | |
| VR Safety Joint | 5.00" | 1.00" | 2.62' | |
| Pressure Equalizing Crossover | | | | |
| Packer Assembly | 6.00" | .68" | 5.75' | 6757' |
| Distributor | 5.00" | 1.68" | 2.0' | |
| Packer Assembly | 6.00" | 1.68" | 5.75' | 6765' |
| Flush Joint Anchor | | | | |
| Pressure Equalizing Tube | | | | |
| Blanked-Off B.T. Running Case | | | | |
| Drill Collars | | | | |
| Anchor Pipe Safety Joint | 5.75" | 1.50" | 4.30' | |
| Packer Assembly | | | | |
| Distributor | | | | |
| Packer Assembly | | | | |
| | 6.50" | 2.75" | .75' Sub | |
| | 7.75" | 3.875" | 1.0' Sub | |
| | 7.625" | 2.375" | 60.0' Drill collar | |
| Anchor Pipe Safety Joint | | | | |
| | 7.75" | 3.25" | 1.28' Sub | |
| Side Wall Anchor | | | | |
| | 6.875" | 3.00" | 1.00' Sub | |
| Drill Collars | | | | |
| Flush Joint Anchor | 5.75" | 2.87" | 45' | |
| Blanked-Off B.T. Running Case | 5.75" | 2.50" | 4.20' | 6882' |
| Total Depth | | | | 6885' |

PRESSURE



475498-6090

TIME



475498-6089

Each Horizontal Line Equal to 1000 p.s.i.

| FLUID SAMPLE DATA | | | | Date 10-22-78 | | Ticket Number 475498 | |
|--|--|--|--|--|--|----------------------|--|
| Sampler Pressure <u>10</u> P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud <u>1500</u> Tot. Liquid cc. <u>1500</u> Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl. Recovery Water _____ @ _____ °F. _____ ppm Recovery Mud _____ @ _____ °F. _____ ppm Recovery Mud Filtrate _____ @ _____ °F. _____ ppm Mud Pit Sample <u>2.06</u> @ <u>68</u> °F. <u>2900</u> ppm Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm Mud Weight <u>9</u> vis <u>60</u> sec | | | | Kind of Job OPEN HOLE TEST Halliburton District ROCK SPRINGS Tester J. BURNETT Witness ALLRED Drilling Contractor UNIVERSAL DRILLING COMPANY PW EQUIPMENT & HOLE DATA Formation Tested <u>Dinwoody</u> Elevation <u>7248' K.B.</u> Ft. Net Productive Interval <u>12160' - 12224'</u> Ft. All Depths Measured From <u>Kelly Bushing</u> Total Depth <u>12224'</u> Ft. Main Hole/Casing Size <u>8 1/2"</u> Drill Collar Length <u>558'</u> I.D. <u>2.50"</u> Drill Pipe Length <u>11468'</u> I.D. <u>3.826"</u> Packer Depth(s) <u>12152' - 12160'</u> Ft. Depth Tester Valve <u>12135'</u> Ft. | | | |
| TYPE AMOUNT Cushion <u>Ammonia Water - 950'</u> Ft. Depth Back Pres. Valve Surface Choke <u>1/8" - 1/4" - 1/2"</u> Bottom Choke <u>.75"</u> Recovered <u>190 Gallons</u> Feet of Recovered _____ Feet of Remarks <u>Dropped bar and circulated cushion out long way - no samples on recovery.</u> <u>Sampler fluid 1500 cc mud - 3.6 @ 68°F. - 1400 ppm.</u> <u>- SEE PRODUCTION TEST DATA SHEET -</u> | | FIELD AREA ANSCHUTZ RANCH Meas. From Tester Valve COUNTY SUMMIT STATE UTAH | | | | | |
| TEMPERATURE Gauge No. <u>6090</u> Gauge No. <u>6089</u> Gauge No. _____ TIME Depth: <u>12137</u> Ft. Depth: <u>12221</u> Ft. Depth: _____ Ft. Est. °F. <u>24</u> Hour Clock <u>24</u> Hour Clock _____ Hour Clock Blanked Off <u>NO</u> Blanked Off <u>YES</u> Blanked Off _____ Actual <u>223</u> °F. Pressures Pressures Pressures Field Office Field Office Field Office Initial Hydrostatic <u>5646</u> <u>5686</u> <u>5738</u> <u>5730</u> First Period Flow Initial <u>412</u> <u>419</u> <u>456</u> <u>465</u> Final <u>412</u> <u>425</u> <u>456</u> <u>471</u> Closed in <u>1272</u> <u>1276</u> <u>1286</u> <u>1303</u> Second Period Flow Initial <u>263</u> <u>298</u> <u>323</u> <u>332</u> Final <u>263</u> <u>410</u> <u>418</u> <u>436</u> Closed in <u>786</u> <u>805</u> <u>797</u> <u>829</u> Third Period Flow Initial _____ Final _____ Closed in _____ Final Hydrostatic <u>5646</u> <u>5672</u> <u>5738</u> <u>5716</u> | | Tool _____ A.M. Opened <u>0729</u> P.M. Opened _____ A.M. Bypass <u>1035</u> P.M. Reported _____ Computed _____ Minutes Minutes | | | | | |

Legol Location Sec - Twp - Rng. 34 - 4 N - 7 E
 Well No. 3-1
 Test No. T2
 Tested Interval 12160' - 12224'
 Lease Owner/Company Name ANSCHUTZ CORPORATION
 ANSCHUTZ RANCH
 SUMMIT UTAH

FORMATION TEST DATA

16

Casing perms. _____ Bottom choke .75" Surf. temp 40 °F Ticket No. 475498
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED 6" Choke.

| Date Time | a.m. p.m. | Choke Size | Surface Pressure psi | Gas Rate MCF | Liquid Rate BPD | Remarks |
|-----------|--------------|---------------------|----------------------|--------------|-----------------|--|
| 2300 | | | | | | On location. |
| 0145 | | | | | | Picked up tools. |
| 0300 | | | | | | Ran in hole with tools. |
| 0700 | | | | | | Rigged up surface equipment. |
| 0725 | | | | | | Set weight on tools. |
| 0729 | | 1/8" | Bubble Hose | | | Tester valve opened with a weak blow. |
| 0736 | | | | | | Closed tool. |
| 0805 | | " | | | | Opened tool with a moderate blow. |
| 0810 | | " | | | | Strong blow. |
| 0813 | | 1/2" | 3/4 | | | Opened on choke. |
| 0825 | | 1/2" | | | | Blow decreasing. |
| 0827 | | Bubble Hose 1/8" | | | | Closed on choke. |
| 0830 | | " | | | | Blow increasing. |
| 0833 | | 1/4" | | | | Opened on choke. |
| 0843 | | " | 3/4 | | | |
| 0853 | | " | 1 | | | |
| 0903 | | " | " | | | No gas to the surface. |
| 0905 | | | | | | Closed dual valve. |
| 1035 | | | | | | Closed tester valve. Pulled 10 stands. |
| 1115 | | | | | | Dropped bar to shear pins in reversing sub - circulated cushion out of hole. |
| 1215 | | | | | | Tools out of hole. |
| 1600 | | | | | | Break out tools. |
| 1900 | | | | | | Released. |
| | | | | | | |
| | | | | | | |

| | O. D. | I. D. | LENGTH | DEPTH |
|--|--------|--------|--------|--------|
| Drill Pipe or Tubing | | | | |
| Reversing Sub | 7.12" | 2.75" | .98' | |
| Water Cushion Valve | | | | |
| Drill Pipe | 4 1/2" | 3.826" | 11468' | |
| Drill Collars | | 2.50" | 558' | |
| Handling Sub & Choke Assembly X-Over | 5.75" | 1.50" | 1.07' | |
| Dual CIP Valve | | | | |
| Dual CIP Sampler | 5.75" | .87" | 6.75' | |
| Hydro-Spring Tester | 5.00" | .75" | 5.00' | 12135' |
| Multiple CIP Sampler | | | | |
| Extension Joint | | | | |
| AP Running Case | 5.00" | 2.25" | 4.12' | 12137' |
| Hydraulic Jar | 5.00" | 1.75" | 5.00' | |
| VR Safety Joint | 5.00" | 1.00" | 2.62' | |
| Pressure Equalizing Crossover | | | | |
| Packer Assembly | 5.12" | 1.53" | 5.81' | 12152' |
| Distributor | 5.00" | 1.68" | 2.00' | |
| Packer Assembly | 5.12" | 1.53" | 5.81' | 12160' |
| Flush Joint Anchor | | | | |
| Pressure Equalizing Tube | | | | |
| Blanked-Off B.T. Running Case | | | | |
| Drill Collars | | | | |
| Anchor Pipe Safety Joint | 5.00" | 1.50" | 4.30' | |
| Packer Assembly | | | | |
| Distributor | | | | |
| Packer Assembly | | | | |
| Anchor Pipe Safety Joint | | | | |
| Side Wall Anchor | | | | |
| Drill Collars | | | | |
| Flush Joint Anchor | 5.00" | 1.50" | 54.0' | |
| Blanked-Off B.T. Running Case | 5.00" | 2.44" | 4.07' | 12221' |
| Total Depth | | | | 12224' |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

UPRR

9. WELL NO.

3-1

10. FIELD AND POOL, OR WILDCAT

Pineview

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 3-2N-7E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
American Quasar Petroleum Co. of New Mexico

3. ADDRESS OF OPERATOR
707 United Bank Tower, 1700 Broadway, Denver, CO 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
535' FNL & 760' FWL (NW NW)
At top prod. interval reported below
At total depth
Same

14. PERMIT NO. 43-043-30012 DATE ISSUED 1-23-75

15. DATE SPUDDED 2-5-75 16. DATE T.D. REACHED 8-1-75 17. DATE COMPL. (Ready to prod.) 12-28-77 Recompl. 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* GL 6660'; KB 6682' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 10,312' 21. PLUG, BACK T.D., MD & TVD 10,042' 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY --- ROTARY TOOLS --- CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Twin Creek 9620-9650'
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, Sonic, Dipmeter, GR, CBL, CCL & Carbon Oxygen
27. WAS WELL CORED
Yes

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 9 5/8" | 36# | 1954' | 12 1/4" | 1025 sx | none |
| 7" | 26, 26 & 23# | 10312' | 8 3/4" | 290 sx | none |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|-------|----------------|-----------------|
| 2 7/8 | 8061 | 8037 |

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| SEE ATTACHED | |

33.* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) | | | | | |
|-----------------------|--|------------------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 12-23-77 | Flowing | Producing | | | | | |
| DATE OF TEST | HOURS TESTED | CHOKES SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| 12-25-77 | 24 | 24/64" | → | 919 | 939 | 0 | 1022 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| 820 | | → | 919 | 939 | 0 | 47.30 | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sale- Mountain Fuel Supply Company
TEST WITNESSED BY
Delmar Chapman

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Division Operations Manager DATE 1-2-78

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

ATTACHMENT

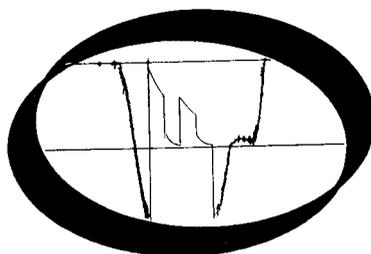
RECOMPLETION REPORT - UPRR 3-1

31. Twin Creek - 9940-9945' w/4" csg gun, 2 spf - for isolation; unable to pump in w/4000#.
- Nugget - 10,084-94' w/ 3 1/8" gun, 2 spf
- Nugget - 10,124-38' w/2 1/8" tbg gun, 2 spf
- Nugget - 10,110-18' w/2 1/8" tbg gun, 2 spf
- Twin Creek - 9620-9650' w/2 1/8" tbg gun, 2 spf
32. Twin Creek - 9851-66' - Sqzd w/348 sx Class G
- Nugget - 10,062-67' - Acdzd w/500 gals Spearhead acid
- Nugget - 10,062-67' Sqzd w/25 sx Class G
- Nugget - 10,006-36', 10,045-47' - Sqzd perfs w/1758 sx Class G to 4000# w/145 sx on formation. Reversed out excess cmt.
- Nugget - 10,110-18', 10,124-38' - Acdzd w/600 gals Spearhead acid
- Nugget - 10,062-67', 10,084-94', 10,110-18', 10,124-38' - Sqzd perfs w/200 sx Class G to 4100# w/145 sx in formation
- Twin Creek - 9620-50' - Acdz w/1500 gals HCl w/45 ball sealers.

Formation Testing Service Report



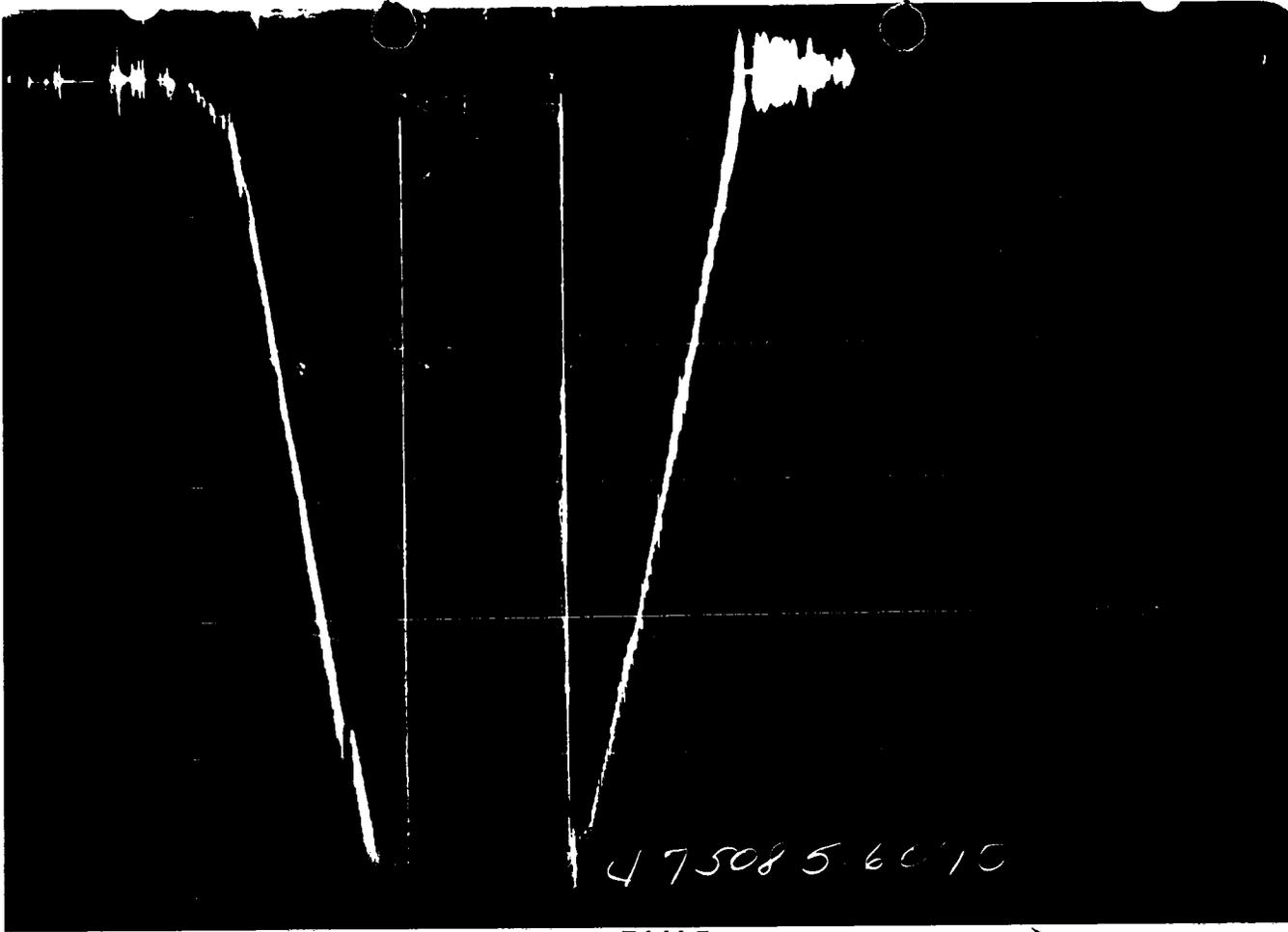
①



HALLIBURTON SERVICES

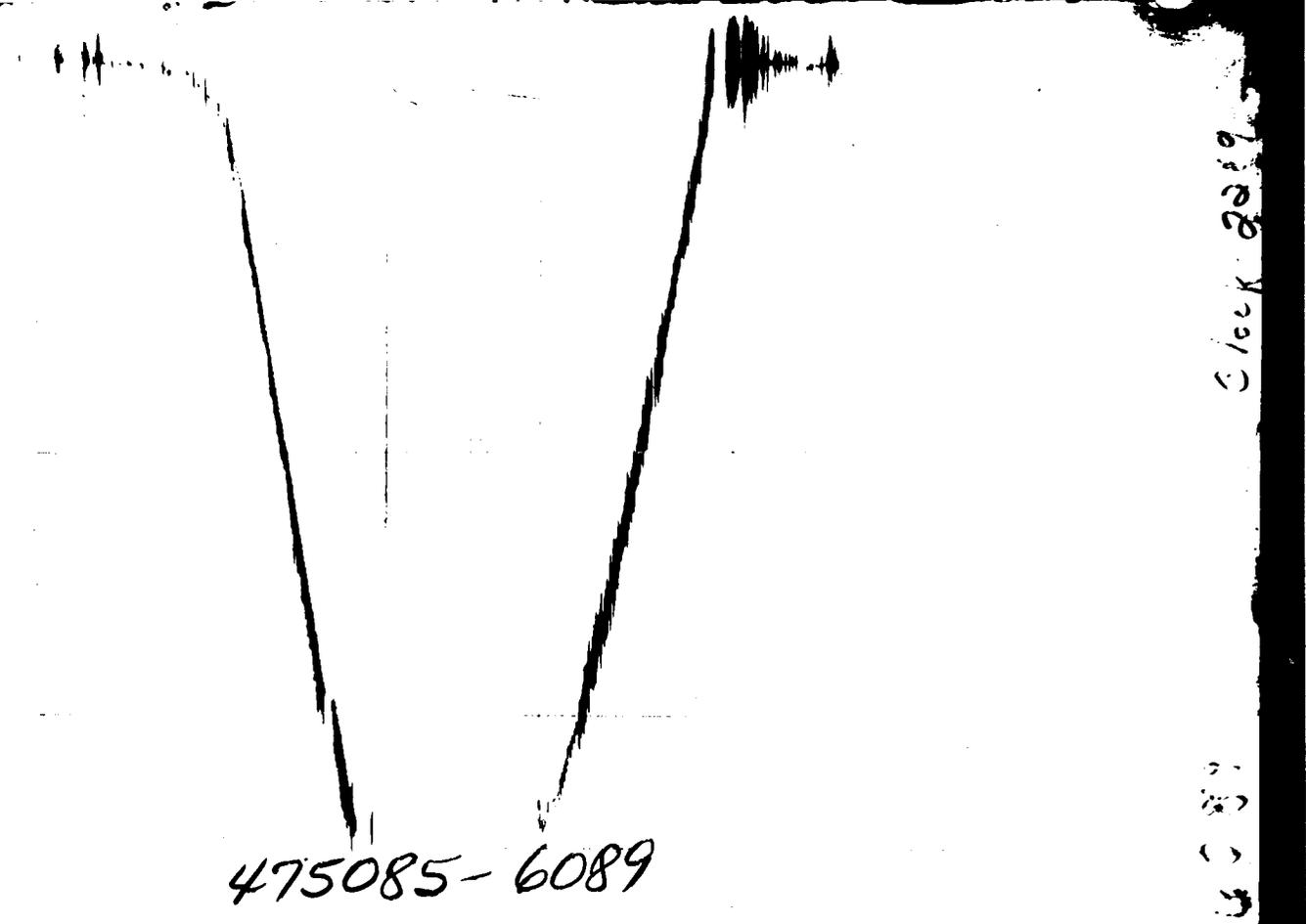
DUNCAN, OKLAHOMA

↑ PRESSURE



TIME →

↓ PRESSURE

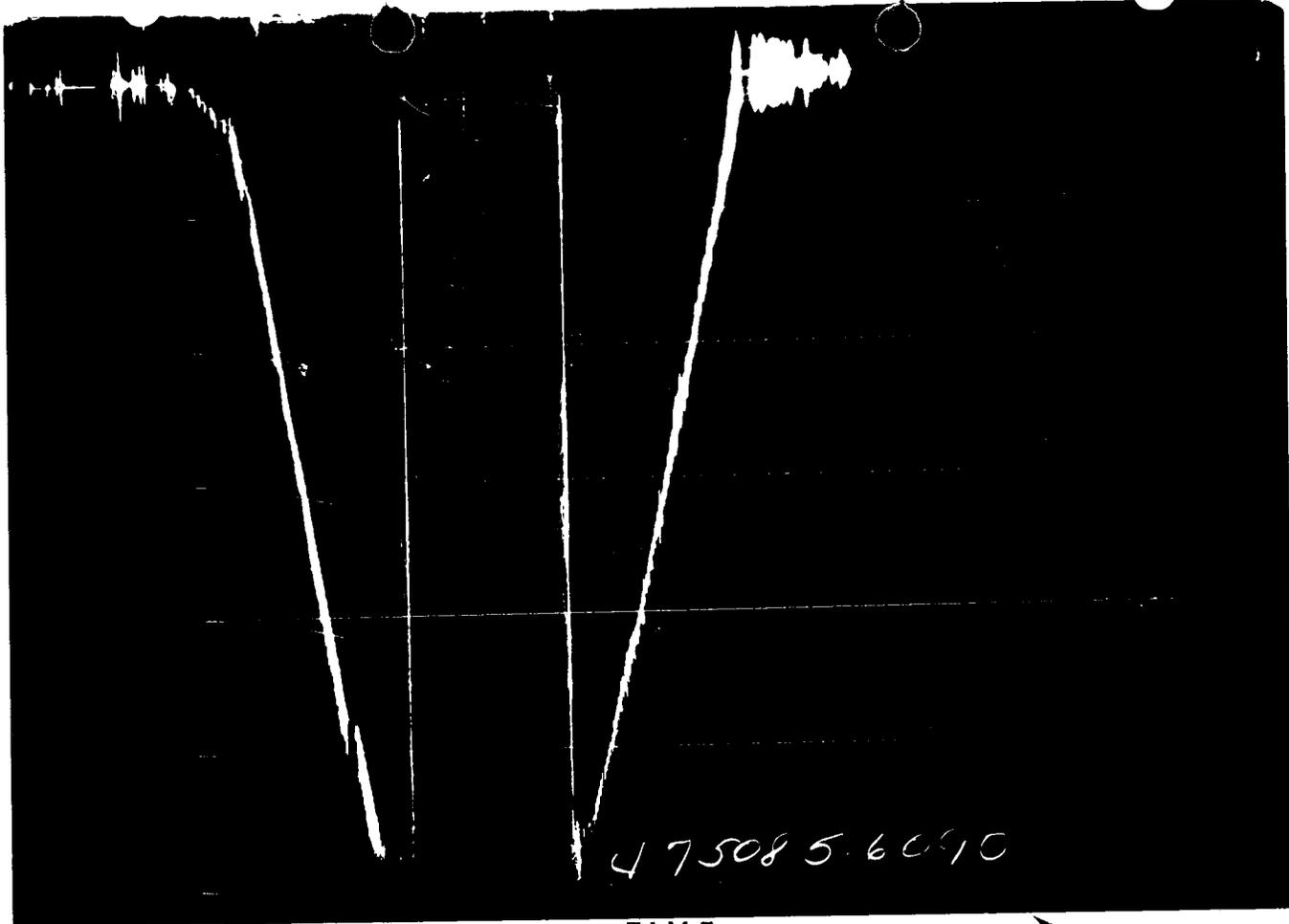


475085-6089

Clock 2089

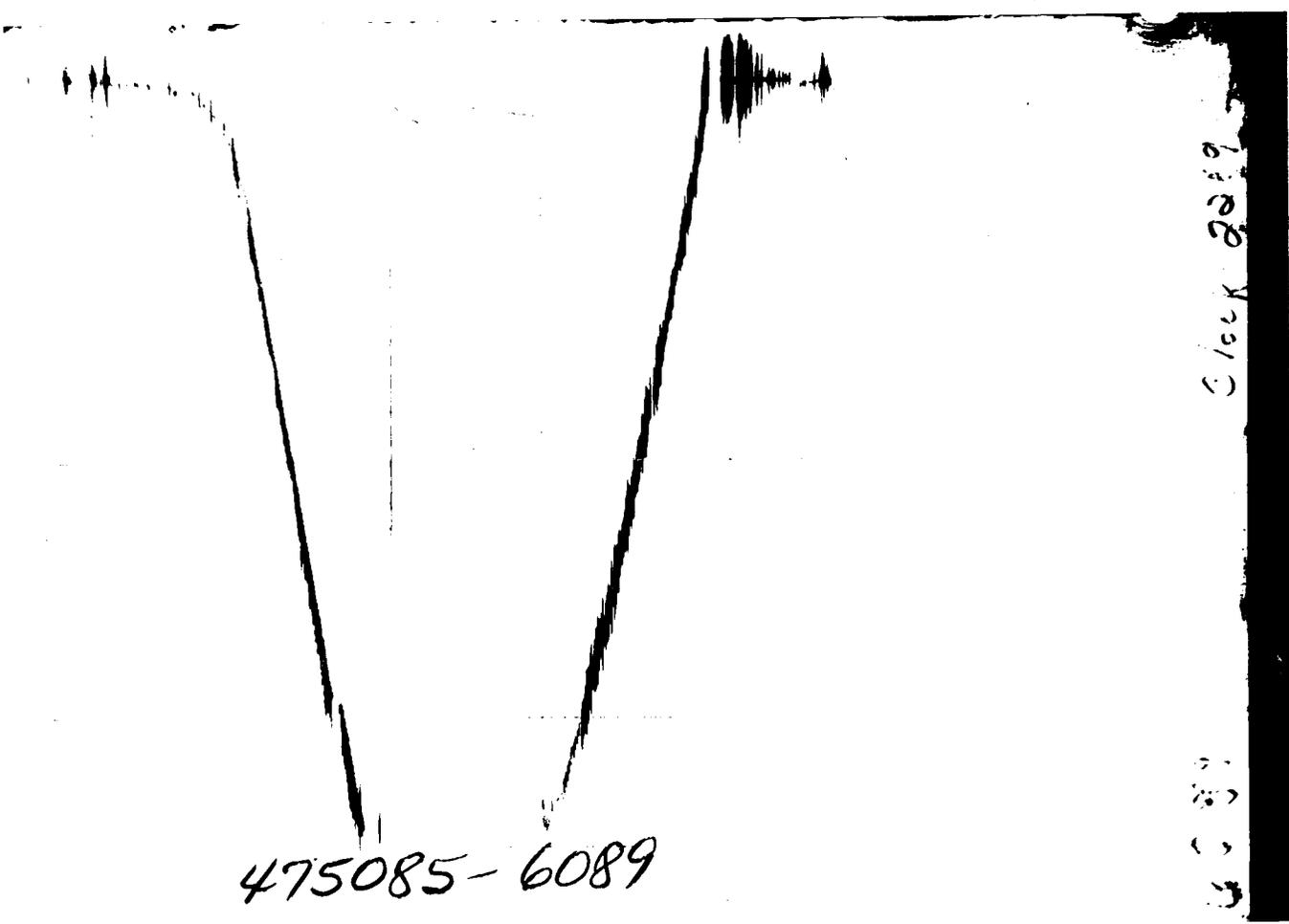
Each Horizontal Line Equal to 1000 p.s.i.

↑ PRESSURE



475085-6090

↓ PRESSURE



475085-6089

Clock 2019

Each Horizontal Line Equal to 1000 p.s.i.

| | | | | | | | |
|--|--------------|---|-------------------------|-----------------------------------|-----------------------------|----------------------|--------------|
| FLUID SAMPLE DATA | | | | Date | 10-24-78 | Ticket Number | 475085 |
| Sampler Pressure <u>40</u> P.S.I.G. at Surface | | | | Kind of Job | OPEN HOLE | Halliburton District | ROCK SPRINGS |
| Recovery: Cu. Ft. Gas <u>23</u> | | | | Tester | MR. ZIMMER | Witness | MR. ALRED |
| cc. Oil _____ | | | | Drilling Contractor | | | |
| cc. Water _____ | | | | UNIVERSAL DRILLING COMPANY # 7 sm | | | |
| cc. Mud <u>800</u> | | | | EQUIPMENT & HOLE DATA | | | |
| Tot. Liquid cc. <u>800</u> | | | | Formation Tested | Dinwoody | | |
| Gravity _____ ° API @ _____ ° F. | | | | Elevation | <u>7226'</u> | Ft. | |
| Gas/Oil Ratio _____ cu. ft./bbl. | | | | Net Productive Interval | <u>103'</u> | Ft. | |
| RESISTIVITY CHLORIDE CONTENT | | | | All Depths Measured From | Kelly bushing | | |
| Recovery Water @ _____ ° F. ppm | | | | Total Depth | <u>12228'</u> | Ft. | |
| Recovery Mud <u>1.45</u> @ <u>68</u> ° F. <u>3100</u> ppm | | | | Main Hole/Casing Size | <u>8 1/2" 9 5/8" casing</u> | | |
| Recovery Mud Filtrate <u>1.1</u> @ <u>68</u> ° F. <u>4500</u> ppm | | | | Drill Collar Length | <u>600'</u> | I.D. <u>2.25"</u> | |
| Mud Pit Sample <u>1.4</u> @ <u>68</u> ° F. <u>3200</u> ppm | | | | Drill Pipe Length | <u>11498'</u> | I.D. <u>3.826"</u> | |
| Mud Pit Sample Filtrate <u>1.1</u> @ <u>68</u> ° F. <u>4500</u> ppm | | | | Packer Depth(s) | <u>12117-12125'</u> | Ft. | |
| Mud Weight <u>9</u> vis <u>54</u> sec | | | | Depth Tester Valve | <u>12101'</u> | Ft. | |
| TYPE | | AMOUNT | Depth Back | Surface | Bottom | | |
| Cushion | | <u>water 100</u> | Ft. Pres. Valve | Choke | Choke <u>.75"</u> | | |
| Recovered | <u>100</u> | Feet of water cushion | | | | | |
| Recovered | <u>186</u> | Feet of mud, res <u>1.92 @ 68° 2800 ppm</u> | | | | | |
| Recovered | | Feet of Filtrate, Res <u>1.6 68° 3600 ppm</u> | | | | | |
| Recovered | | Feet of | | | | | |
| Recovered | | Feet of | | | | | |
| Remarks <u>SEE PRODUCTION TEST DATA SHEET..31.21' of drill collars in anchor</u> | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TEMPERATURE | | Gauge No. <u>6090</u> | Gauge No. <u>6089</u> | Gauge No. | TIME | | |
| | | Depth: <u>12103</u> Ft. | Depth: <u>12225</u> Ft. | Depth: _____ Ft. | Hour Clock | | |
| Est. ° F. | | Blanked Off <u>no</u> | Blanked Off <u>yes</u> | Blanked Off _____ | Tool A.M. | | |
| | | | | | Opened <u>1648</u> P.M. | | |
| Actual <u>192</u> ° F. | | Pressures | | Pressures | | Pressures | |
| | | Field | Office | Field | Office | Field | Office |
| Initial Hydrostatic | | <u>5756</u> | <u>5716</u> | <u>5811</u> | <u>5791</u> | Reported | Computed |
| | | | | | | Minutes | Minutes |
| First Period | Flow Initial | <u>150</u> | <u>136</u> | <u>190</u> | <u>214</u> | | |
| | Flow Final | <u>150</u> | <u>140</u> | <u>190</u> | <u>214</u> | <u>6</u> | |
| | Closed in | <u>300</u> | <u>268</u> | <u>342</u> | <u>338</u> | <u>31</u> | |
| Second Period | Flow Initial | <u>158</u> | <u>165</u> | <u>209</u> | <u>241</u> | | |
| | Flow Final | <u>169</u> | <u>152</u> | <u>228</u> | <u>222</u> | <u>60</u> | |
| | Closed in | <u>225</u> | <u>227</u> | <u>304</u> | <u>292</u> | <u>90</u> | |
| Third Period | Flow Initial | | | | | | |
| | Flow Final | | | | | | |
| | Closed in | | | | | | |
| Final Hydrostatic | | <u>5683</u> | <u>5716</u> | <u>5774</u> | <u>5789</u> | | |

Legal Location Sec. - Twp. - Rng. **34 4 N 7 E**
 Lease Name **ANSCHUTZ RANCH**
 Well No. **3-1**
 Test No. **13**
 Tested Interval **12125 - 12228'**
 County **WILDCAT**
 State **UTAH**
 Lease Owner/Company Name **THE ANSCHUTZ CORPORATION**

17

| | O. D. | I. D. | LENGTH | DEPTH |
|--|-------|--------|--------|--------|
| Drill Pipe or Tubing | | | | |
| Reversing Sub | 6.75" | 2.25" | 1' | |
| Water Cushion Valve | | | | |
| Drill Pipe | 4.5" | 3.826" | 11498' | |
| Drill Collars | 6.75" | 2.25" | 600' | |
| Handling Sub & Choke Assembly | 6.50" | 2.75" | .81' | |
| Dual CIP Valve | | | | |
| Dual CIP Sampler | 5.03" | .75" | 6.40' | 12006' |
| Hydro-Spring Tester | 5" | .75" | 5.02' | 12101' |
| Multiple CIP Sampler | | | | |
| Extension Joint | | | | |
| AP Running Case | 5" | 2.25" | 4.14' | 12103' |
| Hydraulic Jar | 5.03" | 1.75" | 5' | |
| VR Safety Joint | 5" | 1 | 2.78' | |
| Pressure Equalizing Crossover | | | | |
| Packer Assembly | 6" | 1.53" | 5.81' | 12117' |
| Distributor | 5" | 1.68" | 2' | |
| Packer Assembly | 6 | 1.53" | 5.81' | 12125' |
| Flush Joint Anchor | | | | |
| Pressure Equalizing Tube | | | | |
| Blanked-Off B.T. Running Case | | | | |
| Drill Collars | | | | |
| Anchor Pipe Safety Joint | 5" | 1.50" | 4.30' | |
| Sub 3 1/2" FH x 4 1/2" FH Packer Assembly | 6.25" | 2.25" | 1' | |
| Distributor Sub 4 1/2" FH x 5" H90 | 6.50" | 2.50" | .81' | |
| Packer Assembly | | | | |
| Drill collars | | | | |
| Anchor Pipe Safety Joint | 6.75" | 2.25" | 31.21 | |
| Sub 5 H90 x 4 1/2" FH Side Wall Anchor | 6.75" | 2.25" | 1' | |
| Sub 4 1/2" FH x 3 1/2" FH | 5.75" | 2.75" | .71' | |
| Drill Collars | | | | |
| Flush Joint Anchor | 5" | 2.37" | 58' | |
| Blanked-Off B.T. Running Case | 4.06" | 2.44" | 4.06' | 12225' |
| Total Depth | | | | 12228' |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | | |
|--|--|--|-------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. FEE | |
| 2. NAME OF OPERATOR American Quasar Petroleum Co. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 3. ADDRESS OF OPERATOR 707 United Bank Tower 1700 Broadway Denver, CO 80290 | | 7. UNIT AGREEMENT NAME | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 535' FNL, 760' FWL (NW NW) | | 8. FARM OR LEASE NAME UPRR | |
| 14. PERMIT NO. 43-043-30012 | | 9. WELL NO. 3-1 | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6660' GL, 6682' KB | | 10. FIELD AND POOL, OR WILDCAT Pineview | |
| | | 11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Sec. 3, T2N-R7E | |
| | | 12. COUNTY OR PARISH Summit | 13. STATE Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| | | | |
|--|---|---|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) _____ | |
| (Other) <u>Change zones</u> | <u>XX</u> | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RECEIVED

APR 13 1982

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED James T. Brown TITLE Division Production Manager DATE 4/6/82
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECOMPLETION PROCEDURE

UPRR 3-1

PINEVIEW FIELD

1. MIRU, load tbg w/water. NU BOP's, POH w/2 7/8" tbg.
2. PU retrievable sqz pkr & RIH on 2 7/8" tbg. Set pkr @8900' & test backside.
3. Establish injection into Watton Canyon perms with water, then sqz with 150 sx G w/additives. Hesitate as required to obtain sqz. If not able to sqz, overdisplace and re-sqz. Release pkr, reverse clean. Pull up 10 stands & re-set. WOC.
4. POH w/pkr. PU 6" bit & DC's. RIH on 2 7/8" tbg. Drill out to 10,052', as shown on attached wellbore sketch. Press test eqch sqz to 2500 psi. Re-sqz if required. Circ hole clean, POH.
5. Perf Nugget 10,006-36 and 10,062-67 w/3 1/8" csg gun, 2 SPF. Depths refer to Schlumberger CNL-FDC log.
6. RIH w/retrievable pkr on 2 7/8" tbg. Previously, pkrs have been set at 8000' (approx) because of a casing restriction across the salt. Set pkr as deep as possible. Swab test Nugget.
7. Acdz Nugget w/5000 gals 15% HCl w/100 7/8" RCN (1.1 SG) ball sealers spaced evenly throughout. Pump at 5 BPM if possible. Displace to formation with produced water.
8. Swab test well. Length of test period depends on the productivity of well.
9. RDMO - After artificial lift equipment is designed, move back in and run lift equipment.

APPROVED

Jim Ben

DATE

3/23/82

UPRR NO. 3-1

| <u>DEPTH</u> | <u>DRIFT ANGLE-DEGREES</u> | <u>BIT WEIGHT (Thousand Lbs.)</u> | <u>BIT RPM</u> | <u>BOTTOM HOLE ASSEMBLY</u> |
|--------------|--------------------------------|---|--------------------|---|
| 110 | 1/4 | 5-20 | 60-70 | 6 pt.-3 pt. 6 drill collars 2 stabilizers. |
| 279 | 1/2 | 5-10 | 70 | |
| 343 | 1 | | | |
| 405 | 3/4 | 8-10 | 80 | |
| 435 | 1/2 | 5 | 80 | |
| 465 | 1/4 | 15-20 | 70 | |
| 526 | 1/2 | | | |
| 590 | 1/2 | | | |
| 650 | 1/2 | 10-20 | 70 | |
| 714 | 1/8 | | | |
| 774 | 1/2 | 22 | 70 | |
| 837 | 1/2 | 20 | 70 | |
| 896 | 1/8 | 15-22 | 60-70 | |
| 954 | 1/4 | 10-25 | 70 | Change bottom hole assembly at 954', near bit reamer, short drill collar-3 pt. shock sub, 1 drill collar stabilizer-1 drill collar stabilizer-4 drill collars. |
| 1031 | 1/8 | | | |
| 1217 | 1 | 10-20 | 70 | |
| 1248 | 1 | 5-10 | 60-70 | |
| 1279 | 1 | | | |
| 1311 | 1 | | | |
| 1342 | 1/2 | 5-10 | 60-65 | |
| 1373 | 1 | 5-10 | 50 | Added 3 7" drill collars @ 1373' change @ 1443'-to short drill collars-6 pt. 7 drill collars-3 pt.-2 stabilizers. |
| 1404 | 1 | 5 | 60 | |
| 1434 | 1/4 | 5-10 | 50-65 | |
| 1462 | 1/2 | 10-5 | ? | |
| 1498 | 3/4 | | | |
| 1529 | 1 | 10 | 60 | |
| 1556 | 3/4 | 5 | 60 | |
| 1592 | 3/4 | 5-10 | 60 | |
| 1622 | 1/2 | 15 | 60 | |
| 1652 | 3/4 | | | |
| 1683 | 3/4 | 10-5 | 60-70 | |
| 1714 | 1/4 | 5-10 | 60-70 | |
| 1744 | 3/4 | 10-7 | 60 | |
| 1775 | 1/2 | 5-10-15 | 60 | |
| 1805 | 1 1/4 | 7-15 | 60 | |
| 1836 | 1 1/4 | 5 | 60 | |
| 1862 | 1 1/4 | 5 | 60-76 | |
| 1892 | 1 | 10 | 60-70 | |
| 1923 | 3/4 | 15-18 | 44 | |
| 1954 | 1 1/4 | | | Change at 1954' to 8-3/4" hole-short drill collar- 6 pt.-shock sub-3 pt.- 15 drill collars-stabilizer. |
| 2002 | 1 1/4 | 10 | 40 | |
| 2035 | 1 1/2 | 20-10 | 40 | |
| 2066 | 2 | 10-5 | 40 | |
| 2096 | 1-3/4 | 10 | 40 | |
| 2128 | 1-3/4 | | | |
| 2159 | 1 1/4 | 15-25 | 70 | |
| 2190 | 1-3/4 | | | |

| <u>DEPTH</u> | <u>DRIFT ANGLE-DEGREES</u> | <u>BIT WEIGHT (Thousand Lbs.)</u> | <u>BIT RPM</u> | <u>BOTTOM HOLE ASSEMBLY</u> |
|--------------|--------------------------------|---|--------------------|--|
| 2221 | 1-3/4 | 15-25 | 70 | |
| 2252 | 1-3/4 | | | |
| 2283 | 2 | 15-25 | 40 | |
| 2313 | 2 | 10 | 40 | |
| 2343 | 2 | 10-20 | 70 | |
| 2375 | 2 | 20-15 | 42 | |
| 2405 | 2½ | | | |
| 2435 | 2½ | 15-25 | 40 | |
| 2467 | 2½ | | | |
| 2498 | 2½ | 10-20 | 70 | |
| 2529 | 2½ | | | |
| | | | | Log at 2557'. Ran 9-5/8" to 1956'. Drill out at 2557' with 8-3/4"bit-14 drill collars |
| 2600 | 2-3/4 | 25-15 | 80 | |
| 2632 | 2-3/4 | 15 | 80 | |
| 2663 | 2-3/4 | | | |
| 2690 | 2-3/4 | | | |
| 2711 | 3 | 25-20 | 45-44 | Change to 2 DC-1 short drill collar -3 pt.-shock sub- |
| 2777 | 2½ | 20 | 44 | 14 drill collars at 2690' |
| 2870 | 2½ | 20-25 | 40 | |
| 2931 | 2½ | 25 | 40 | |
| 2993 | 3 | 25-20 | 40 | |
| 3056 | 3 | 18-20 | 40 | |
| 3118 | 2-3/4 | 20 | 40 | |
| 3179 | 2½ | 20-25 | 40 | |
| 3233 | 2½ | 20 | ? | Change at 3233' to tele- drift-6 pt.-shock sub- |
| 3235 | 2½ | 20-40 | 50 | 3 pt.-20 drill collars. |
| 3259 | 2 | | | |
| 3290 | 2 | | | |
| 3321 | 2 | | | |
| 3352 | 2 | 30-40 | 40 | |
| 3383 (WL) | 3 | | | |
| 3415 | 2½ | | | |
| 3538 | 3 | 5? | 5 | Change teledrift to 3½ degrees to 6 degrees at 3544'-change to slick hook up no stabilizer at 3544'. |
| 3538 | 4½ | | | |
| 3538 | 4 | 25-30 | 50 | |
| 3621 | 4½ | 32-35 | 48 | |
| 3651 | 4 | 35 | 50 | |
| 3683 (WL) | 5 | 25-22 | 50 | |
| 3683 | 4½ | | | |
| 3714 | 5 | | | |
| 3746 (WL) | 5 | 20-25 | 40 | |
| 3777 (WL) | 4½ | | | |
| 3792 | 4 | ? | ? | |
| 3809 (WL) | 4½ | | | |
| 3839 | 4 | | | |

| <u>DEPTH</u> | <u>DRIFT ANGLE-DEGREES</u> | <u>BIT WEIGHT (Thousand Lbs.)</u> | <u>BIT RPM</u> | <u>BOTTOM HOLE ASSEMBLY</u> |
|--------------|--------------------------------|---|--------------------|--|
| 3871 | 4½ | 25 | 45 | |
| 3917 | 4 | 57 | 40-45 | |
| 3932 | 4½ | | | |
| 3964 (WL) | 4½ | 27 | 50 | |
| 3995 | 4 | 25-27 | 45 | |
| 4026 | 4 | | | |
| 4058 | 4 | | | |
| 4089 (WL) | 5½ | 27-20 | 45 | Change to teledrift-6 pt. |
| 4131 | 5½ | 20-35 | 60 | 3 pt.-shock sub-19 drill |
| 4162 (WL) | 5¼ | 20-25 | 60 | collars at 4118'. |
| 4193 (WL) | 5½ | | | |
| 4224 | 5 | 20 | 60 | |
| 4251 | 5½ | | | Change to 6 pt.-square drill collar-e pt.-shock sub-19 drill collars at 4251'-stuck at 4096' change to 2 drill collars-stabili- zer-shock sub-16 drill collars at 4295'. |
| 4313 | 6 | 20 | 70-80 | |
| 4345 | 5-3/4 | 20 | 80 | |
| 4376 | 5-3/4 | | | |
| 4395 | 5¼ | | | |
| 4438 | 5¼ | | | |
| 4469 | 5¼ | | | |
| 4495 | 4¼ | | | Change to 6 pt.-teledrift 3 pt.-short drill collar- stabilizer-shock sub-2 stabilizers-19 drill collars at 4495'. |
| 4545 | 4½ | 28 | 60 | |
| 4576 | 4½ | 30-40 | 50 | |
| 4608 | 4-3/4 | ? | ? | |
| 4639 | 4-3/4 | | | |
| 4670 | 4½ | 40 | 40 | |
| 4731 | 4-3/4 | 30-40 | 40 | |
| 4762 | 4-3/4 | 35 | 40 | |
| 4794 | 4½ | 25-30 | 40 | |
| 4826 | 4-3/4 | 30 | 40 | |
| 4858 | 5 | 30 | 40 | |
| 4889 | 5 | 30 | 40 | |
| 4920 | 5 | 25 | 40 | |
| 4950 (WL) | 5 | 25 | 40 | |
| 4982 (WL) | 5 | 25 | 40 | |
| 5014 | 4½ | 25-30 | 40 | |
| 5045 | 5 | | | |
| 5076 (WL) | 4-3/4 | | | |
| 5137 | 5½ | 20-25 | 40-55 | |
| 5200 (WL) | 5½ | | | |
| 5231 (WL) | 6 | | | |
| 5260 (WL) | 6 | 15-12 | 50 | |
| 5291 | 6 | 15 | 55 | |

| <u>DEPTH</u> | <u>DRIFT ANGLE-DEGREES</u> | <u>BIT WEIGHT (Thousand Lbs.)</u> | <u>BIT RPM</u> | <u>BOTTOM HOLE ASSEMBLY</u> |
|--------------|--------------------------------|---|--------------------|---|
| 5322 | 5½ | 15 | 50-55 | |
| 5353 | 6 | 15-12 | 50-55 | |
| 5384 | 6 | 15-20 | 50 | |
| 5416 | 6 | | | |
| 5446 | 6 | 15 | 50 | |
| 5474 | 6¼ | 15-20 | 50-55 | |
| 5504 | 6¼ | | | |
| 5567 | 6 | 20 | 50-55 | |
| 5598 | 6¼ | 20-25 | 55-50 | |
| 5660 | 6¼ | | | |
| 5690-94? | 5-3/4 | 30 | 50 | |
| 5753 | 6 | 30 | 50 | |
| 5814 | 6-3/4 | 30-20 | 50 | |
| 5843 | 6-3/4 | 20 | 50 | |
| 5905 | 6-3/4 | 20 | 50 | |
| 5966 | 6-3/4 | | | |
| 6029 | 6-3/4 | | | |
| 6089 | 7 | | | |
| 6150 | 7 | | | |
| 6214 | 7½ | 20 | 50 | |
| 6275 | 7½ | 25-35 | 40-45 | |
| 6290 | 7½ | | | |
| 6306? (WL) | 6-3/4 | 35 | 50 | |
| 6337 | 7 | | | |
| 6353 | 6 | 30 | 50 | |
| 6367 (WL) | 6½ | 30-35 | 50 | |
| 6399 | 6½ | | | |
| 6431 (WL) | 7½ | 30-28 | 50 | |
| 6461 (WL) | 7-3/4 | 28-25 | 50-55 | |
| 6492 | 8 | 25-20 | 50 | |
| 6523 | 8½ | 25-15 | 50 | |
| 6529 | 8-3/4 | ? | ? | |
| 6554 | 9 | 20 | 75 | Change to 49' pendulum teledrift-short drill collar-drill collar-stabil- izer-shock sub-16 drill collars @ 6529'. |
| 6584 | 9 | 15 | 80 | |
| 6590 | 9 | 15 | 80-85 | |
| 6616? | 8-3/4 | 15-20 | 80-85 | |
| 6643 | 8¼ | 25 | 80 | |
| 6678 | 8½ | 30 | 50 | |
| 6685 | 9 | 25 | 55 | |
| 6709 | 9 | | | |
| 6709 (WL) | 9½ | | | |
| 6725 | 9 | 15 | 85 | |
| 6740 | 9 | | | |
| 6755 | 9 | | | |
| 6772 (WL) | 9 | 15 | 90 | |

| <u>DEPTH</u> | <u>DRIFT ANGLE-DEGREES</u> | <u>BIT WEIGHT (Thousand Lbs.)</u> | <u>BIT RPM</u> | <u>BOTTOM HOLE ASSEMBLY</u> |
|--------------|--------------------------------|---|--------------------|---|
| 6790 | 8-3/4 | 15 | 50-64 | |
| 6811 (WL) | 8½ | 20 | 60 | |
| 6846 | 9¼ | 20 | 65 | |
| 6877 | 9½ | 20-15 | 65 | |
| 6908 (WL) | 9¼ | 15-20 | 64 | |
| 6967 (WL) | 9 | 12-? | 65 | Change to Woodpecker drill collar-stabilizer-shock sub-17 drill collars at 6990'. |
| 7014 | 8¼ | 10-20 | 60-65 | |
| 7061 | 9 | 20-15 | 60-? | |
| 7093 | 8½ | 15 | 60 | |
| 7124 | 8¼ | 15-19 | 60 | |
| 7154 | 8¼ | 15-20 | 60 | |
| 7186 | 8 | 20 | 60 | |
| 7248 | 8¼ | | | |
| 7279 | 8¼ | | | |
| 7310 | 7-3/4 | 20-30 | 60 | |
| 7341 | 8 | 35 | 60 | |
| 7372 | 8 | 35 | 60 | |
| 7403 | 8 | 40 | 60 | |
| 7475 | 8 | 30-40 | 60 | |
| 7507 | 7½ | 40-40 | 60 | |
| 7537 | 7-3/4 | 40-45 | 60 | |
| 7600 | 7 | 40-45 | 60 | |
| 7663 | 7¼ | 45 | 60 | |
| 7725 | 7¼ | | | |
| 7886 | 6 | 45 | 60-50 | |
| 7947 | 6 | 45 | 50-55 | |
| 8009 | 6 | 45 | 50-55 | |
| 8103 | 5-3/4 | 45 | 50-55 | |
| 8195 | 5-3/4 | 45 | 50 | |
| 8348 | 4¼ | 45-50 | 50 | |
| 8410 | 4½ | | | |
| 8501 | 3¼ | 45 | 55 | |
| 8590 | 3¼ | 50 | 40 | |
| 8686 | 2-3/4 | 45 | 50 | |
| 8779 | 4½ | 45-35 | 50-60 | |
| 8810 | 5-3/4 | 35 | 60 | Stuck on trip at PTD of 8825' 4-22-75 to 5-8-75 junk sub-Woodpecker drill collar-stabilizer-19 drill collars. |
| 8850 | 3 | 25-35 | 66 | |
| 8910 | 6½ | 25-30 | 65 | |
| 8941 | 6½ | | | |
| 9003 | ? | 25 | 65 | |
| 9065 | 8-3/4 | 20-15 | 65 | |

| <u>DEPTH</u> | <u>DRIIFT ANGLE-DEGREES</u> | <u>BIT WEIGHT (Thousand Lbs.)</u> | <u>BIT RPM</u> | <u>BOTTOM HOLE ASSEMBLY</u> |
|--------------|---------------------------------|---|--------------------|---------------------------------|
| 9095 | 8½ | 15-19 | 65 | |
| 9126 | 8¾ | 15 | 65 | |
| 9211 | 8 | 15-20 | 65 | |
| 9283 | 8¾ | 20-25 | 65 | |
| 9315 | 8½ | 22 | 66 | |
| 9377 | 8 | 20-25 | 40-65 | |
| 9439 | 9 | 20 | 65 | |
| 9471 | 8¾ | 20-22 | 65 | |
| 9533 | 8½ | 22 | 65 | |
| 9595 | 8 | 22-28 | 65 | |
| 9607 | 8 | 35 | 65 | |
| 9651 | 7-3/4 | 35-40 | 65 | |
| 9742 | 8 | 40 | 65 | |
| 9836 | 8 | 35 | 65 | |

Core 9877-9944'-drill
with bit-junk sub-jars-
bumper sub-keyseat wiper-
12 drill collars 9944-10012'
Core 10012-10051'-core to
10295'. No deviation sur-
veys below 9836'. TD 10295'.

STATE OF UTAH
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(Other instructions on
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16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| | | | |
|--|---|--|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) _____ | |
| (Other) <u>Change zone - STUMP</u> <input checked="" type="checkbox"/> | | | |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3/2/83
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED James T. Brown TITLE Div. Production Mgr. DATE 3/2/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UPRR 3-1
NW NW Sec. 3-T2N-R7E
Summit County, Utah

STUMP RECOMPLETION

1. MIRU. Load hole w/ treated produced water, if necessary. ND tree, NU BOP's.
2. Release TA set w/ 20,000# tension. TOH w/ 6' x 3-1/2" sub, 3-1/2" x 2 7/8" X-0, 264 jts 2-7/8" tbg, TA, SN and mud anchor.
3. RU wireline. RIH w/ gauge ring to \pm 9300'. RIH w/ CICR @ \pm 9300'. RD wireline.
4. TIH w/ 2-7/8" tbg (PU additional 2-7/8"). Sting into CICR. Establish rate and pump 100 sx cmt. Unsting, reverse, TOH and LD extra tbg.
5. RU wireline. Run GR-CCL and CBL w/ wavetrain from 7500' to 2700'. Correlate GR to GR on BHC-Sonic log run 7-17-75 by Schlumberger. There should be no bond over Stump zone @ 6028' to 6500'. Send copy of log to Denver office as soon as possible. Prepare to block squeeze.
6. Perforate squeeze perms at 6250' w/ 4 JSPF using 3-1/8" csg gun. Set CICR @ 6200'. RD wireline.
7. TIH, sting into CR, establish rate and squeeze w/ 75 sx cmt. Unsting, pull 6 stands, reverse.
8. RU wireline. Shoot top squeeze perms @ 6000' (as above). Set CICR @ \pm 5950'. RD wireline.
9. TIH, sting into CR, establish rate and squeeze w/ 75 sx. Unsting, pull 6 stands, reverse, TOH.
10. PU bit, 6 DC's and TIH. Drill out cmt, CR and clean out to CR @ 6200'. Circ hole clean. Spot 10 bbls diesel from 6200 to \pm 6000'. TOH
11. RU wireline. Run GR-CCL-CBL w/ wavetrain from \pm 6200' to 5500'. Send copy of Bond log to Denver office as soon as possible. If good block squeeze, proceed to perf stump.
12. PU retrievable pkr and TIH. Set packer @ \pm 5950' and test.
13. Space out and land. ND BOP & NU tree. Swab load down to \pm 4000'.
14. RU wireline unit w/ lubricator (1500 psi). Perforate Stump w/ 2-1/8" gun (use GR if not enough csg collars to correlate) and perf Stump w/ 2 JSPF (correlated to GR on BHC-Sonic run 7-17-75 by Schlumberger) at:

| | | |
|----------|-----------------|-----------------------------|
| 6138-44' | (14 shots) | |
| 6122-31' | (16 shots) | Note any press changes etc. |
| 6089-93' | (10 shots) | between perforating runs. |
| 6049-63' | (30 shots) | |
| 6028-37' | (10 shots) | |
| | <u>80 shots</u> | |

RD wireline. CWI overnite & prep to check fluid entry/pressure.

15. RU swab (thru tree). RIH tag fluid. If no fluid entry, prepare to acidize.
16. RU service company and acidize formation w/ 3000 gals 15% HCL sequestered and inhibited for BHT \pm 150 degs. F. Establish breakdown w/ treated produced water. Pump acid at no more than 5000 psi and whatever rate attainable. Flow & swab load back.
17. Put well on production, if flowing. Rod and pump design will be forwarded as necessary.

4

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

UPRR

9. WELL NO.

3-1

10. FIELD AND POOL, OR WILDCAT

Pineview

11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA

Sec. 3, T2N-R7E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR
707 United Bank Tower 1700 Broadway Denver, CO 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 535' FNL & 760' FWL (NW NW)

At top prod. interval reported below

At total depth

14. PERMIT NO. 43 043 30012 DATE ISSUED 1/23/75

15. DATE SPUNDED 2/5/75 16. DATE T.D. REACHED 8/1/75 17. DATE COMPL. (Ready to prod.) 5/9/83 Recomp. # 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL 6660' KB 6682 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 10312 21. PLUG, BACK T.D., MD & TVD 6082 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 10312' CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Stump 6029-37, 6049-63 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, Sonic, Dipmeter, GR, CBL, CCL & Carbon Oxygen 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 9 5/8" | 36# | 1954 | 12 1/2" | 1025 sx | None |
| 7" | 29, 26 & 23# | 10312 | 8 3/4" | 290 sx | None |

| 29. LINER RECORD | | | | | 30. TUBING RECORD | | |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | | 2 7/8" | 5999 | -- |

| 31. PERFORATION RECORD (Interval, size and number) | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|--|------|--|----------------------------------|
| Interval | Size | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| Perf 6139-44, 6122-31, 6089-93, 6049-63, 6029-37, 2 SPF. | | 6139-6029 | Sqzd 125 sx Class H |
| Re-perf'd as above, 1 SPF | | 6139-6089 | Sqzd 50 sx Class H |

| 33.* PRODUCTION | | | | | | | |
|-----------------------|--|-------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | | WELL STATUS (Producing or shut-in) | |
| 5/10/83 | 1 1/2" beam pump | | | | | Producing | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| 5/10/83 | 24 | -- | → | 89 | 98 | 312 | 1101 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| 55 | -- | → | 89 | 98 | 312 | 47.6 | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sale - Mountain Fuel Supply TEST WITNESSED BY Paul Smith

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED James T. Brown TITLE Division Production Manager DATE 5/13/83

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

ATTACHMENT NO. 1

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

American Quasar Petroleum Co. of N.M.
330 Pacific Western Life Building
Casper, Wyoming 82601

UPRR No. 3-1
NW NW, Sec. 3-2N-7E
Summit County, Utah

CORED INTERVALS

CORE NO. 1 - 9,877' - 9,922' Recovered 41.5' 100% Twin Creek lime with calcite filled fracs. No apparent P & P.

CORE NO. 2 - 9,922' - 9,944' Top 16' was calcite filled limestone; bottom 1' red and green shale.

CORE NO. 3 - 10,012' - 10,051' Top 27' was coarse Nugget sandstone; bottom 12' was fine Nugget sandstone. Good oil show.

CORE NO. 4 - 10,053' - 10,091' 35' of medium grained Nugget sand, oil saturated. No indication of water.

CORE NO. 5 - 10,091' - 10,113' 22' of medium grained Nugget plus 3' missing from Core #4.

CORE NO. 6 - 10,115' - 10,175' 55' of oil saturated core, fair porosity, no indication of water.

CORE NO. 7 - 10,175' - 10,232' Recovered 57' plus 5' from Core #6. Core was all Nugget sandstone, fairly tight, oil saturated with no sign of water.

CORE NO. 8 - 10,232' - 10,293' 56' tight oil saturated Nugget sand with no indication of water.

DRILL STEM TESTS

DST NO. 1 - 3,450' - 3,538' - Tool open 10 minutes, with weak to steady blow of air throughout; SI 30 minutes; open 60 minutes with steady blow of air throughout; SI 120 minutes. No fluid to surface. Recovered 600' water cut mud plus 2,100' fresh water. Pressures: IH 1644; IF 54/390; ISI 1527; FF 359/1180; FSI 1507; FH 1639; BHT 66° F.

DST NO. 2 - 9,840' - 9,870' - No water cushion. Tool open 5 minutes with weak immediate blow increasing to strong in 1 minute and remained strong throughout. SI 60 minutes. Tool open 5 hours and 25 minutes. Gas to surface in 19 minutes, fluid to surface in 48 minutes. Turned to pit. Produced mud and water, changing to frothy mud cut oil. Turned through test unit after 100 minutes of second opening. SI 3 hours and 10 minutes. Dropped bar and reversed oil, gas and oil cut mud from drill pipe. Pressures: IH at 9,815' 4732; IF 1066/2227; ISI 4092; FF 2720/4072; FSI 4112; FH 4692; BHT 192° F.

DST NO. 3 - 9,936' - 10,053' - No water cushion. Tool open 15 minutes with good to strong blow throughout. Gas to surface in 15 minutes; SI 50 minutes; tool open 4 hours. Mud to surface in 5 minutes, oil cut mud in 9 minutes, oil in 25 minutes. Turned through production unit. Pressures: IH & FH 4947; IF 3735; ISI 4189; FF 4164; FSI 4189; BHT 198° F.

DST NO. 4 - 10,048' - 10,113' - No water cushion. Tool open for initial flow with immediate good blow of air, increasing to strong blow in 1/2 minute, gas to surface in 11 minutes, drilling mud to surface in 30 minutes, oil cut mud in 45 minutes, oil

ATTACHMENT NO. 1

American Quasar Pet. Co. of N.M.

UPRR 3-1

DRILL STEM TESTS - CONTINUED

DST NO. 4 - Cont.

in 1 hour. Tested well through production unit for 3 hours and 15 minutes for final shut in. Pressures: IH 4911; IF 1038; FF 4178; FSI 4200; FH 4914; BHT 192° F.

DST NO. 5 - 10,105' - 10,232' - No water cushion. Tool open 6 hours. Gas to surface in 14 minutes, oil to surface in 78 minutes. Produced through production unit. Pressures: IH 5013; FP 250/3291; SI 4181; FH 4995.

DST NO. 6 - 10,234' - 10,293' - No water cushion. Tool open 45 minutes with weak blow, died in 27 minutes; SI 15 minutes; open 30 minutes with no blow; shut in 2 hours. No show of oil or gas. Pressures: IH 5315; IF 50/50; ISI 57/57; FSI 133; FH 5311; BHT 190° F.

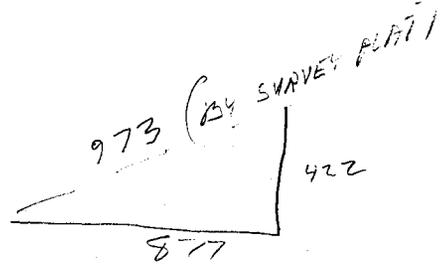
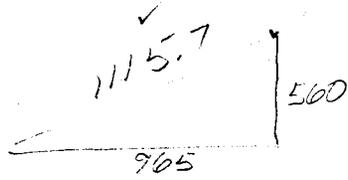
TUBING RECORD

Ran and set 7" Otis WB production packer at 9,940' KB. Ran Otis seal assembly and locator sub on 2-7/8" Atlas Bradford DSS tubing with 7" x 2-1/2" x 1-1/2" Otis RDH dual packer. Landed 2-7/8" in Otis WB packer with 1200#.

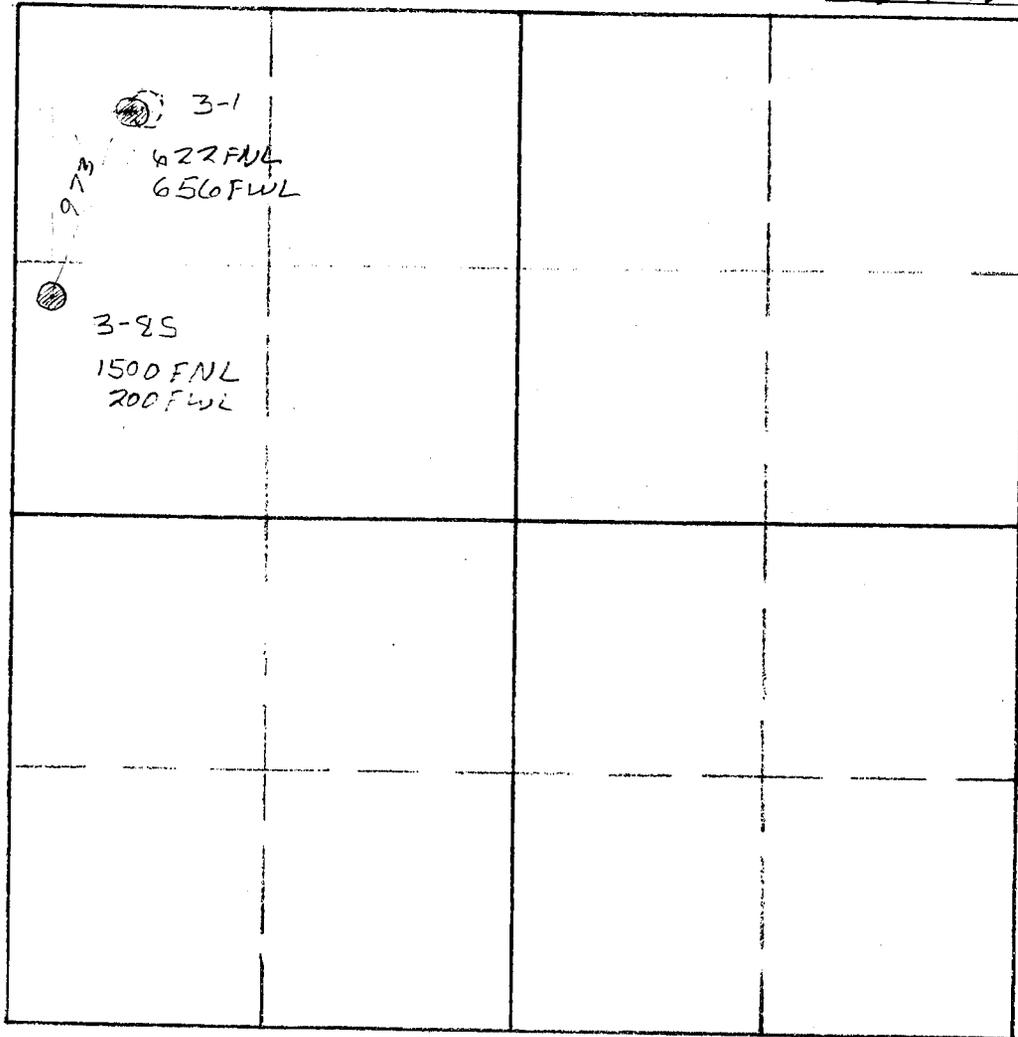
Ran 1-1/2" seal assembly and latch sub on 2-3/8" Atlas Bradford DSS tubing. Landed in Otis RDH packer with 6000#. Set RDH dual packer.

S. 5019192

S. 4335993



622 FNL
656 FNL



SCALE 1:1000

SECTION _____
 TOWNSHIP _____
 RANGE _____
 COUNTY _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

14 4

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL [X] GAS WELL [] OTHER [] 2. NAME OF OPERATOR Champlin Petroleum Company 3. ADDRESS OF OPERATOR PO Box 700, Rock Springs, Wyoming 82902 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 5. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME UPRR 8. FARM OR LEASE NAME 3-1 9. WELL NO. 10. FIELD AND POOL, OR WILDCAT Pineview 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA See 3 2N 7E 12. COUNTY OR PARISH Summit 13. STATE Utah

APR 26 1985

DIVISION OF OIL GAS & MINING

14. PERMIT NO. 15. ELEVATIONS (Show weather or, etc.) 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [] FRACTURE TREAT [] SHOOT OR ACIDIZE [] REPAIR WELL [] (Other) [] FULL OR ALTER CASING [] MULTIPLE COMPLETE [] ABANDON [] CHANGE PLANS [] SUBSEQUENT WORK: WATER SHUT-OFF [] FRACTURE TREATMENT [] SHOOTING OR ACIDIZING [] (Other) Change of Operator [] REPAIRING WELL [] ALTERING CASING [] ABANDONMENT [] (NOTE: Report results of multiple completion on Well Completion or Recommendation Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1985, Champlin Petroleum Company will assume operation of the Pineview Field, Summit County, Utah from American Quasar Petroleum Company. All further correspondence should be addressed to: Champlin Petroleum Company, P.O. Box 700, Rock Springs, Wyoming 82902.

The following wells are included in the Pineview Field, Summit County, Utah.

Table with 4 columns: API, WELLS, LOCATION, and a second set of columns for API, WELLS, LOCATION. Lists well numbers (e.g., 30026, 30125, 30028, 30033, 30038, 30025, 30016, 30097, 30012, 30015, 30019, 30031, 30035, 30036, 30120, 30151, 30077, 30083, 30103) and their corresponding locations (e.g., Bingham 2-1, NW/4 SW/4 Sec 2, T2N, R7E; SE NW, Sec 3, T2N, R7E; etc.).

18. I hereby certify that the foregoing is true and correct. SIGNED: [Signature] TITLE: Production Superintendent DATE: March 27, 1985

APPROVED BY: _____ TITLE: _____ DATE: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

012013

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|---|--|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. Fee |
| 2. NAME OF OPERATOR CHAMPLIN PETROLEUM COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 3. ADDRESS OF OPERATOR P.O. Box 700 Rock Springs, WY 82902-0700 | | 7. UNIT AGREEMENT NAME |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 535' FNL, 760' FWL | | 8. FARM OR LEASE NAME UPRR |
| 14. PERMIT NO. 43-043-30012 | | 9. WELL NO. UPRR 3-1 |
| 15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6682' KB | | 10. FIELD AND POOL, OR WILDCAT Pineview - Stump |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T2N, R7E |
| | | 12. COUNTY OR PARISH Summit |
| | | 13. STATE Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

| | |
|--|---|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | |

SUBSEQUENT REPORT OF:

| | |
|---|--|
| WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| (Other) <u>Shut-in Well</u> <input checked="" type="checkbox"/> | |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Notice is hereby given that the subject well was shut-in December 14, 1986 due to non-economic production. The well test on this date indicated 0 BOPD, 10 BWPD, and 0 MCFGPD. The well will remain shut-in pending further evaluation.

18. I hereby certify that the foregoing is true and correct

SIGNED Keith J. Nosich 1987 TITLE Petroleum Engineer DATE 01/12/87
Keith J. Nosich

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Instructions on reverse side)

012602

4

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | | |
|---|--|---|--------------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. Fee | |
| 2. NAME OF OPERATOR CHAMPLIN PETROLEUM COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 3. ADDRESS OF OPERATOR P.O. Box 700 Rock Springs, WY 82902-0700 | | 7. UNIT AGREEMENT NAME | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 535' FNL, 760' FWL | | 8. FARM OR LEASE NAME UPRR | |
| 14. PERMIT NO. 43-043-30012 | | 9. WELL NO. UPRR 3-1 | |
| 15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6682' KB | | 10. FIELD AND POOL, OR WILDCAT Pineview - Stump | |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T2N, R7E | |
| | | 12. COUNTY OR PARISH Summit | 13. STATE Utah |

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <u>Shut-in Well</u> | <input checked="" type="checkbox"/> |
| (Other) <input type="checkbox"/> | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)***

Notice is hereby given that the subject well was shut-in December 14, 1986 due to non-economic production. The well test on this date indicated 0 BOPD, 10 BWPD, and 0 MCFGPD. The well will remain shut-in pending further evaluation.

RECEIVED
JAN 23 1987
DIVISION OF
OIL, GAS & MINING

1987 JAN 15 AM 10:00
RECEIVED
STATE ENGINEER

18. I hereby certify that the foregoing is true and correct
SIGNED Keith J. Nosich 1/12/87 TITLE Petroleum Engineer DATE 01/12/87
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

504

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|--|-----------------------|--|--|---|---|---|---|--|---|--|---|-----------------------------------|---|---------------------------------------|--------------------------------------|---------------------------------------|----------------------------------|--|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. Fee | | | | | | | | | | | | | | | | | | | | |
| 2. NAME OF OPERATOR CHAMPLIN PETROLEUM COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 032407 | | | | | | | | | | | | | | | | | | | | |
| 3. ADDRESS OF OPERATOR P.O. Box 700 Rock Springs, WY 82902-0700 | | 7. UNIT AGREEMENT NAME | | | | | | | | | | | | | | | | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 535' FNL, 760' FWL | | 8. FARM OR LEASE NAME UPRR | | | | | | | | | | | | | | | | | | | | |
| 14. PERMIT NO. 43-043-30012 | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6682' KB | 9. WELL NO. 3-1 | | | | | | | | | | | | | | | | | | | | |
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data | | 10. FIELD AND POOL, OR WILDCAT Pineview - Stump | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>FULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input checked="" type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table> | | NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | | TEST WATER SHUT-OFF <input type="checkbox"/> | FULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> | FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> | SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input checked="" type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> | REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <input type="checkbox"/> | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T2N, R7E |
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | | | | | | | | | | | | | | | | | | | | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | FULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input checked="" type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | |
| | | 12. COUNTY OR PARISH Summit | | | | | | | | | | | | | | | | | | | | |
| | | 13. STATE Utah | | | | | | | | | | | | | | | | | | | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

The subject well was acidized March 5, 1987 in an effort to re-establish production. The well was returned to production on March 6. The latest flow test indicated production of 24 BOPD, 172 BWPD, and 14 MCFGPD.

RECEIVED
MAR 19 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Keith J. Nosich TITLE Petroleum Engineer DATE March 16, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

50w

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | | |
|--|--|--|-------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. Fee | |
| 2. NAME OF OPERATOR CHAMPLIN PETROLEUM COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 032402 | |
| 3. ADDRESS OF OPERATOR P.O. Box 700 Rock Springs, WY 82902-0700 | | 7. UNIT AGREEMENT NAME | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 535' FNL, 760' FWL | | 8. FARM OR LEASE NAME UPRR | |
| 14. PERMIT NO. 43-043-30012 | | 9. WELL NO. 3-1 | |
| 16. ELEVATIONS (Show whether DF, RT, OR, etc.) 6682' KB | | 10. FIELD AND POOL, OR WILDCAT Pineview - Stump | |
| | | 11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Sec. 3, T2N, R7E | |
| | | 12. COUNTY OR PARISH Summit | 13. STATE Utah |

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input checked="" type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) _____ | |
| (Other) _____ | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was acidized March 5, 1987 in an effort to re-establish production. The well was returned to production on March 6. The latest flow test indicated production of 24 BOPD, 172 BWPD, and 14 MCFGPD.

RECEIVED
MAR 23 1987

RECEIVED
UTAH STATE OFFICE
1987 MAR 19 AM 10:00
DEPT. OF INTERIOR
DIR. OF LAND MGMT.

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Keith J. Nosich TITLE Petroleum Engineer DATE March 16, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• CHAMPLIN PETROLEUM CO.
P O BOX 700
ROCK SPRINGS WY 82902
ATTN: BETTY OLSON

Utah Account No. N0200
Report Period (Month/Year) 5 / 87
Amended Report

| Well Name | | | | Producing Zone | Days Oper | Production Volume | | |
|------------------------|--------|------------|-----------|----------------|-----------|-------------------|-------------|--|
| API Number | Entity | Location | Oil (BBL) | | | Gas (MSCF) | Water (BBL) | |
| X MCDONALD 1-31-3 | | | | | | | | |
| 4304330018 | 00460 | 02N 07E 3 | NGSD | | | | | |
| X BINGHAM 1-42-3 (2-7) | | | | | | | | |
| 4304330029 | 00460 | 02N 07E 3 | NGSD | | | | | |
| X HJ NEWTON 1-42-9 | | | | | | | | |
| 4304330030 | 00460 | 02N 07E 9 | TWNCR | | | | | |
| X H. J. NEWTON 2-31-9 | | | | | | | | |
| 4304330048 | 00460 | 02N 07E 9 | TWNCR | | | | | |
| X ADKINS 1-32E3 | | | | | | | | |
| 4304330126 | 00460 | 02N 07E 3 | NGSD | | | | | |
| X UPRR 27-1 | | | | | | | | |
| 4304330093 | 02055 | 02N 06E 27 | TWNCR | | | | | |
| X BINGHAM 10-2 | | | | | | | | |
| 4304330016 | 02056 | 02N 07E 10 | TWNCR | | | | | |
| X UPRR 35-1 | | | | | | | | |
| 4304330014 | 02060 | 02N 06E 35 | TWNCR | | | | | |
| X JUDD 34-3 | | | | | | | | |
| 4304330098 | 02070 | 02N 06E 34 | NGSD | | | | | |
| X JUDD 34-1 | | | | | | | | |
| 4304330061 | 02075 | 02N 06E 34 | NGSD | | | | | |
| X UPRR 3-1 | | | | | | | | |
| 4304330012 | 02080 | 02N 07E 3 | STUMP | | | | | |
| X UPRR 3-2 | | | | | | | | |
| 4304330015 | 02085 | 02N 07E 3 | TWNCR | | | | | |
| X UPRR 3-3 | | | | | | | | |
| 4304330019 | 02090 | 02N 07E 3 | TWNCR | | | | | |
| TOTAL | | | | | | | | |

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

us

A Subsidiary of
Union Pacific Corporation

May 29, 1987

RECEIVED
JUN 01 1987

DIVISION OF
OIL, GAS & MINING

060817

Department of Natural Resources
Division of Oil, Gas & Mining
State of Utah
355 North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

Re: Bond Nos. 951566 and 2447222

Gentlemen:

As of May 1, 1987, Champlin Petroleum Company was reorganized and its name was changed to Union Pacific Resources Company. Attached herewith you will find a copy of the following:

- 1 - "Bond Rider" reflecting the name change.
- 2 - Certificate of Amendment and Acknowledgement, State of Delaware.

If you should have any questions, please do not hesitate to contact the undersigned.

Sincerely,

Edward Robert

Edward Robert
Insurance Coordinator

ER:vp-9

Attachment

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|--|--|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. Fee |
| 2. NAME OF OPERATOR CHAMPLIN PETROLEUM COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 3. ADDRESS OF OPERATOR P.O. Box 700 Rock Springs, WY 82902-0700 | | 7. UNIT AGREEMENT NAME |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 535' FNL, 760' FWL | | 8. FARM OR LEASE NAME UPRR |
| 14. PERMIT NO. 43-043-30012 | | 9. WELL NO. UPRR 3-1 |
| 15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6682' KB | | 10. FIELD AND POOL, OR WILDCAT Pineview - Stump |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T2N, R7E |
| | | 12. COUNTY OR PARISH Summit |
| | | 13. STATE Utah |

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was acidized May 21, 1987 in an effort to remove suspected scale deposition across the perforations. The treatment consisted of 1000 gallons of 15% HCl acid. A scale inhibitor chemical squeeze will be performed during the week of May 25 in order to ensure the longevity of the acid treatment.

RECEIVED
JUN 04 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED James B. Hume TITLE District Engineer DATE May 26, 1987
James B. Hume for Keith J. Nosich

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT DUPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
CHAMPLIN PETROLEUM COMPANY

3. ADDRESS OF OPERATOR
P.O. Box 700 Rock Springs, WY 82902-0700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
535' FNL, 760' FWL

14. PERMIT NO.
43-043-30012

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
6682' KB

5. LEASE DESIGNATION AND SERIAL NO.
Fee POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
060918

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
UPRR

9. WELL NO.
UPRR 3-1

10. FIELD AND POOL, OR WILDCAT
Pineview - Stump

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T2N, R7E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| | | | |
|--|---|---|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | FULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input checked="" type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <input type="checkbox"/> | |

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DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED James B. Hume TITLE District Engineer DATE May 26, 1987
(James B. Hume for Keith J. Nosich)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

May 23, 1990

Mr. Ted Brown
Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101-0007

Dear Mr. Brown:

Re: Commingling Well Production into Common Production Facilities

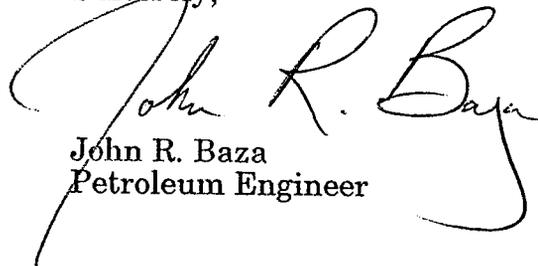
The Division of Oil, Gas and Mining has received and reviewed your letter dated May 1, 1990, requesting approval to commingle well production from all wells in Sections 2, 3, and 10, Township 2 North, Range 7 East into common production facilities.

The Division accepts the procedure for commingling production as outlined in your letter. You should be aware that allocation of production revenue interest shall remain a contractual matter between Union Pacific Resources Company and the various working interest and royalty interest owners of the wells. The Division's acceptance of the stated commingling procedures does not constitute approval to modify any established agreements among the owners of the wells, and notification of changes in the methods of measurement or allocation of production to the various owners shall be the responsibility of your company as operator.

In your letter, you indicate that production from individual wells involved in the commingling will be tested monthly and production allocations will be based on such tests. Such testing is considered a stipulation of the Division's acceptance of your procedure, and proper measurement and allocation for individual wells will be an item for verification in any future audits performed on these wells by Division staff.

The Division appreciates your attention to this matter. If you have any additional questions or concerns, please do not hesitate to contact me.

Sincerely,



John R. Baza
Petroleum Engineer

cc: D. R. Nielson
R. J. Firth
S. L. Schneider
Well files

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

| | | |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. Lease Designation and Serial Number: Fee |
| Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals. | | 6. If Indian, Alottee or Tribe Name: N/A |
| 1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: | | 7. Unit Agreement Name: N/A |
| 2. Name of Operator: UNION PACIFIC RESOURCES COMPANY | | 8. Well Name and Number: UPRR 3-1 |
| 3. Address and Telephone Number: P.O. Box 7, Fort Worth, Texas 76101-007 817/877-7952 | | 9. API Well Number: 43-043-30012 |
| 4. Location of Well Footages: 535' FNL and 760' FWL CO, Sec., T., R., M.: NW NW Sec. 3-T2N-R7E | | 10. Field and Pool, or Wildcat: Pine View County: Summit State: Utah |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|---|--|---------------------------------------|--|---|---|--|--|---|--------------------------------------|--|--|---------------------------------------|---|--|---|--|---|--|--|---|---|--|--|
| <p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate date work will start _____</p> | <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing | <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion | <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare | <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> Other _____ | | <p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment*</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>Temporarily shut-in</u></td> </tr> </table> <p>Date of work completion _____</p> <p style="font-size: x-small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.</p> <p style="font-size: x-small;">* Must be accompanied by a cement verification report.</p> | <input type="checkbox"/> Abandonment* | <input type="checkbox"/> New Construction | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing | <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize | <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off | <input checked="" type="checkbox"/> Other <u>Temporarily shut-in</u> | |
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Other _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Abandonment* | <input type="checkbox"/> New Construction | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Other <u>Temporarily shut-in</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Union Pacific Resources requests permission for the above mentioned well to remain temporarily shut-in pending engineering evaluation.

RECEIVED

JUN 24 1993

DIVISION OF
OIL, GAS & MINING

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 6-24-93
BY: [Signature]

13. Name & Signature: Cami Minzenmayer / Cami Minzenmayer Title: Regulatory Analyst Date: 6-22-93

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well:
OIL (X) GAS () OTHER: () INJ. ()

2. Name of Operator
Union Pacific Resources Company

3. Address and Telephone Number
P. O. Box 7 MS 29-3006-01 Fort Worth, Texas 76101-0007
Telephone (817) 321-6739

4. Location of Well
Footages 535' FNL, 760' FWL
QQ, Sec., T., R., M. (NWNW) Sec.3, T2N-R7E

County Summit
State Utah

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

NA

7. Unit Agreement Name

NA

8. Well Name and Number

UPRR 3-1

9. API Well Number

43-043-30012

10. Field and Pool, or Wildcat

Pineview

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- () Abandonment
- () Casing Repair
- () Change of Plans
- () Conversion to Injection
- () Fracture Test
- () Multiple Completion
- (X) Other: **Change of Operator**
- () New Construction
- () Pull or Alter Casing
- () Recompletion
- () Shoot or Acidize
- () Vent or Flare
- () Water Shutoff

Approximate date work will start: Upon Approval

SUBSEQUENT REPORT

(Submit Original Form Only)

- () Abandonment *
- () Casing Repair
- () Change of Plans
- () Conversion to Injection
- () Fracture Treat
- () Other _____
- () New Construction
- () Pull or Alter Casing
- () Shoot of Acidize
- () Vent or Flare
- () Water Shut-Off Shutoff

Date of work completion _____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Union Pacific Resources Company has sold the captioned well to Citation Oil & Gas Corp. P. O. Box 690688, Houston, Texas 77269-0688 and requests that Citation be named Operator of Record effective January 1, 1999. Please release this well from coverage under Union Pacific Resources Company's Utah Statewide Bond #2447222.

On behalf of Union Pacific Resources Company I hereby certify that the foregoing is true and correct:

Dorothy Moravek *D Moravek* Title: Regulatory Analyst Date 12-18-98

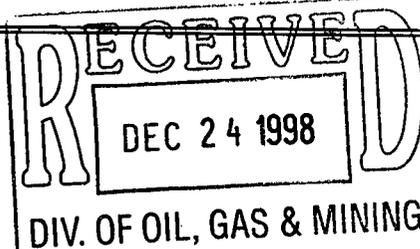
By execution of this document, Citation Oil & Gas Corp. requests the State of Utah to approve it as Operator of Record for the above captioned well. Citation accepts responsibility for this well under it's Utah Statewide Bond #587800.

13. On behalf of Citation Oil & Gas Corp. I hereby certify that the foregoing is true and correct:

Robert T. Kennedy *Robert T. Kennedy* Title: Vice President-Land Date: 12-22-98

(This space for State use only)

(12/92)



MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

RON REAMES
 UNION PACIFIC RESOURCES CO
 PO BOX 7
 FORT WORTH TX 76101-0007

UTAH ACCOUNT NUMBER: N9465

REPORT PERIOD (MONTH/YEAR): 12 / 98

AMENDED REPORT (Highlight Changes)

| Well Name | Well Number | Entry | Location | Producing Zone | Well Status | Days Oper | Production Volumes | | |
|----------------------|-------------|-------|------------|----------------|-------------|-----------|--------------------|----------|------------|
| | | | | | | | OIL(BBL) | GAS(MCF) | WATER(BBL) |
| BINGHAM 1-42-3 (2-7) | 4304330029 | 00460 | 02N 07E 3 | NGSD | | | fee | | |
| JUDD 34-3 | 4304330098 | 02070 | 02N 06E 34 | NGSD | | | fee (SOW) | | |
| JUDD 34-1 | 4304330061 | 02075 | 02N 06E 34 | NGSD | | | fee (SOW) | | |
| UPRR 3-1 | 4304330012 | 02080 | 02N 07E 3 | STUMP | | | fee (SOW) | | |
| UPRR 3-2 | 4304330015 | 02085 | 02N 07E 3 | NGSD | | | fee (SOW) | | |
| UPRR 3-6 | 4304330036 | 02105 | 02N 07E 3 | TWCNG | | | fee (POW) | | |
| UPRR 3-9 | 4304330151 | 02115 | 02N 07E 3 | TWNCR | | | fee (POW) | | |
| BINGHAM 2-1 | 4304330026 | 02170 | 02N 07E 2 | NGSD | | | fee (POW) | | |
| BINGHAM 2-1A | 4304330125 | 02175 | 02N 07E 2 | NGSD | | | fee (POW) | | |
| BINGHAM 2-2 | 4304330028 | 02180 | 02N 07E 2 | TWNCR | | | fee (TA) | | |
| BINGHAM 2-3 | 4304330033 | 02185 | 02N 07E 2 | NGSD | | | fee (SOW) | | |
| BINGHAM 2-4 | 4304330038 | 02190 | 02N 07E 2 | NGSD | | | fee (SOW) | | |
| BINGHAM 10-1 | 4304330025 | 02195 | 02N 07E 10 | TWNCR | | | fee (SOW) | | |
| TOTALS | | | | | | | | | |

REMARKS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

January 27, 1999

Union Pacific Resources Company
Attn: Dorothy Moravek
P.O. Box 7 MS 29-3006-01
Fort Worth, Texas 76101-0007

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a change of operator from Union Pacific Resources Co. to Citation Oil & Gas Corporation for the following well(s) which are located on a fee lease:

| <u>Well Name</u> | <u>Sec.-T.-R.</u> | <u>API Number</u> |
|------------------|-------------------|-------------------|
| Bingham 1-43-3 | 03-02N-07E | 43-043-30029 |
| Judd 34-3 | 34-02N-06E | 43-043-30098 |
| Judd 34-1 | 34-02N-06E | 43-043-30061 |
| UPRR 3-1 | 03-02N-07E | 43-043-30012 |
| UPRR 3-2 | 03-02N-07E | 43-043-30015 |
| UPRR 3-6 | 03-02N-07E | 43-043-30036 |
| UPRR 3-9 | 03-02N-07E | 43-043-30151 |
| Bingham 2-1 | 02-02N-07E | 43-043-30026 |
| Bingham 2-1A | 02-02N-07E | 43-043-30125 |
| Bingham 2-2 | 02-02N-07E | 43-043-30028 |
| Bingham 2-3 | 02-02N-07E | 43-043-30033 |
| Bingham 2-4 | 02-02N-07E | 43-043-30038 |
| Bingham 10-1 | 10-02N-07E | 43-043-30025 |
| Pineview 4-3 | 04-02N-07E | 43-043-30077 |
| Pineview 4-4S | 04-02N-07E | 43-043-30083 |
| Blonquist 26-3 | 26-02N-06E | 43-043-30235 |
| Newton Sheep 1 | 18-02N-07E | 43-043-30284 |
| UPRR 1H 19-2X | 19-02N-07E | 43-043-30300 |
| Judd 34-1H | 34-02N-06E | 43-043-30301 |
| UPRR 3-10 | 03-02N-07E | 43-043-30302 |
| UPRR 17-2H | 17-02N-07E | 43-043-30304 |

Page 2
Dorothy Moravek
Notification of Sale
January 27, 1999

| <u>Well Name</u> | <u>Sec.-T.-R.</u> | <u>API Number</u> |
|-----------------------|-------------------|-------------------|
| UPRR 35-2H | 35-02N-06E | 43-043-30305 |
| Newton Sheep 20-1H | 20-02N-07E | 43-043-30310 |
| Judd 4-1H | 04-01N-06E | 43-043-30311 |
| Blonquist 26-1H | 26-02N-06E | 43-043-30314 |
| Bingham 2-6H | 02-02N-07E | 43-043-30317 |
| UPR 3-11H | 03-02N-07E | 43-043-30318 |
| Blonquist 26-4 | 26-02N-06E | 43-043-30268 |
| UPRC 33-1 | 33-02N-06E | 43-043-30233 |
| Clark 4-1 | 04-02N-07E | 43-043-30071 |
| UPRC 1 | 17-02N-07E | 43-043-30290 |
| B.A. Bingham & Sons 1 | 02-02N-07E | 43-043-30295 |

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Union Pacific Resources Co. of its responsibility to notify all individuals with an interest in this lease (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Page 3
Dorothy Moravek
Notification of Sale
January 27, 1999

Your assistance in this matter is appreciated.

Sincerely,

A handwritten signature in black ink that reads "Kristen D. Risbeck". The signature is written in a cursive style with some capitalization.

Kristen D. Risbeck

cc: Citation Oil & Gas Corporation
Utah Royalty Owners Association, Kent Stringham
John R. Baza, Associate Director
Operator File(s)

March 29, 1999

Kristen Risbeck
State of Utah
P O Box 145801
Salt Lake City, Utah 84114-5801

Re: Transfer of Authority to Inject

Dear Ms. Risbeck:

Enclosed please find an original and one copy of the form 5 to transfer the following wells into Citation Oil & Gas Corp.'s name.

| | |
|------------------------------|--------------|
| UPRC 33-1 SWD | 43-043-30233 |
| Blonquist 26-4 SWD | 43-043-30268 |
| Clark 4-1 SWD | 43-043-30071 |
| Exxon UPRC #1 SWD | 43-043-30290 |
| B. A. Bingham & Sons Inc. #1 | 43-043-30295 |

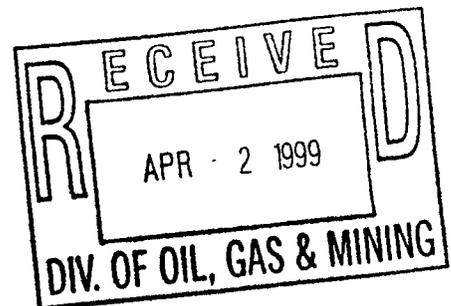
If you have any questions regarding this form, please contact the undersigned at 281-469-9664.
Thank you.

Sincerely,

Sharon Ward

Sharon Ward
Regulatory Administrator

Cc: Dorothy Moravek
UPRC



OPERATOR CHANGE WORKSHEET

| | |
|----------|----------|
| Routing: | |
| 1-KDR ✓ | 6-KAS ✓ |
| 2-CLH ✓ | 7-SJ ✓ |
| 3-JRB ✓ | 8-FILE ✓ |
| 4-CDW ✓ | |
| 5-KDR ✓ | |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 1-1-99

| | | | |
|---------------------------|------------------------------------|-----------------------------|------------------------------------|
| TO: (new operator) | <u>CITATION OIL & GAS CORP</u> | FROM: (old operator) | <u>UNION PACIFIC RESOURCES CO.</u> |
| (address) | <u>P.O. BOX 690688</u> | (address) | <u>P.O. BOX 7 MS 29-3006-01</u> |
| | <u>HOUSTON, TX 77269-0688</u> | | <u>FORT WORTH, TX 76101-0007</u> |
| | <u>RUTH ANN ALFORD</u> | | <u>DOROTHY MORAVEK</u> |
| | Phone: <u>(281) 469-9664</u> | | Phone: <u>(817) 321-6739</u> |
| | Account no. <u>N0265</u> | | Account no. <u>N9465</u> |

WELL(S) attach additional page if needed:

| | | | | | | |
|-----------------------------|--------------------------|---------------|---------|---------|---------|--------------|
| Name: <u>*SEE ATTACHED*</u> | API: <u>43,043,30018</u> | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |

OPERATOR CHANGE DOCUMENTATION

- KDR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12.24.98)*
- KDR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 12.24.98)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- N/A 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- KDR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(3.11.99)*
- KDR 6. Cardex file has been updated for each well listed above.
- N/A 7. Well file labels have been updated for each well listed above. *(*new filing system)*
- KDR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(3.11.99)*
- KDR 9. A folder has been set up for the **Operator Change** file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- VDP 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- VDP 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- VDP 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
(rec'd 2.11.99 Bond # RSB-670565)
- VDP 2. A copy of this form has been placed in the new and former operator's bond files.
- VDP 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) YES, as of today's date 3.10.99. If yes, division response was made to this request by letter dated 3.10.99.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- VDP 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 1.27.99 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- V/S 1. All attachments to this form have been **microfilmed**. Today's date: 5.12.99.

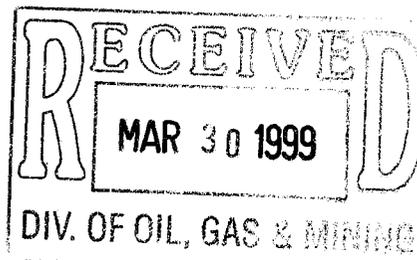
FILING

- 1. **Copies** of all attachments to this form have been filed in each **well file**.
- 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS



March 25, 1999



Mr. Robert J. Krueger
State of Utah
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Shut-in and Temporarily Abandoned Wells Compliance Review

Dear Bob:

I am in receipt of your letter dated March 2, 1999. The wells listed in your letter, which I have itemized below, were sold to Citation Oil & Gas Corp., P. O. Box 690688, Houston, Texas 77269-0688 (Attention Ruth Ann Alford) with an effective sale date of January 1, 1999.

| <u>Well Name</u> | <u>API Number</u> |
|------------------|-------------------|
| UPRR 3-1 | 43-043-30012 |
| Judd 34-3 | 43-043-30098 |
| Judd 34-1 | 43-043-30061 |
| Pineview 4-4S | 43-043-30083 |
| Bingham 2-3 | 43-043-30033 |
| Bingham 2-2 | 43-043-30028 |

Please contact me at (817) 321-6739 if I can provide any additional information.

Very truly yours,

Dorothy Moravek
Regulatory Analyst



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

January 22, 2004

Well File
43-043-30012

CERTIFIED MAIL # 7002 0510 0003 8602 4781

Sharon Ward
Citation Oil & Gas Corp.
P.O. Box 690688
Houston, TX 77269-0688

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases.

Dear Ms. Ward:

Citation Oil & Gas Corp., as of January 2004, has two (2) State Lease Wells and fifteen (15) Fee Lease Wells (see attachment A) that are currently in non-compliance for extended shut-in or temporary abandonment status. Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Page 2
January 22, 2004
Sharon Ward

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

jc
cc: John Baza
Well File
Sitla

| | Well Name | API | Lease Type | Years Inactive |
|----|----------------------------|--------------|------------|-------------------|
| 1 | Walker Hollow U 58 | 43-047-30912 | State | 7 Years 7 Months |
| 2 | Walker Hollow 44 | 43-047-30688 | State | 10 Years 7 Months |
| 1 | Elkhorn Watton Cyn U 17-2H | 43-043-30304 | Fee | 2 Years 2 Months |
| 2 | UPRR 35-2H | 43-043-30305 | Fee | 4 Years 6 Months |
| 3 | Bingham 10-1 | 43-043-30025 | Fee | 5 Years 7 Months |
| 4 | UPRC 3-11H | 43-043-30318 | Fee | 5 Years 8 Months |
| 5 | Blonquist 26-1H | 43-043-30314 | Fee | 6 Years 4 Months |
| 6 | Blonquist 26-3 | 43-043-30235 | Fee | 6 Years 4 Months |
| 7 | Bingham 2-2 | 43-043-30028 | Fee | 6 Years 7 Months |
| 8 | Elkhorn Watton Cyn U 19-2X | 43-043-30300 | Fee | 6 Years 8 Months |
| 9 | Elkhorn Watton Cyn U 18-1 | 43-043-30284 | Fee | 7 Years 4 Months |
| 10 | Bingham 2-4 | 43-043-30038 | Fee | 7 Years 8 Months |
| 11 | Bingham 2-3 | 43-043-30033 | Fee | 10 Years 7 Months |
| 12 | UPRR 3-1 | 43-043-30012 | Fee | 10 Years 8 Months |
| 13 | Judd 34-1 | 43-043-30061 | Fee | 10 Years 9 Months |
| 14 | Judd 34-3 | 43-043-30098 | Fee | 10 Years 9 Months |
| 15 | Pineview 4-4S | 43-043-30083 | Fee | 10 Years 9 Months |

Attachment A

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

| | |
|--|---|
| 1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input type="checkbox"/> | 5. Lease Designation and Serial Number: FEE |
| 2. Name of Operator: Citation Oil & Gas Corp. | 6. If Indian, Allottee or Tribe Name: |
| 3. Address and Telephone Number: P O Box 690688, Houston, Texas 77269 (281) 517-7800 | 7. Unit Agreement Name: |
| 4. Location of Well: Footages: 535' FNL & 760' FWL QQ, Sec., T., R., M.: NW NW Section 3-2N-7E | 8. Well Name and Number: UPRC 3-1 |
| | 9. API Well Number: 43-043-30012 |
| | 10. Field and Pool, or Wildcat: Pineview |
| | County: Summit State: Utah |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| NOTICE OF INTENT (Submit in Duplicate) | SUBSEQUENT REPORT (Submit Original Form Only) |
|--|---|
| <input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> Abandonment* <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other Hold for use in waterflood <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off |
| Approximate date work will start _____ | Date of work completion _____ |
| | Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form * Must be accompanied by a cement verification report. |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
Citation requests permission to retain this wellbore in a shut-in status. Citation is currently evaluating the waterflood at the Elkhorn Field. Based on the results of that study, this well may become useful if we choose to expand the waterflood to include the Pineview and Lodgepole fields. The Casing Pressure = 160 psi, Tubing Pressure = 160 psi, Casing-Casing Annular Pressure = 0 psi, Fluid level at surface.

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see attached letter).

[Signature]
 _____ April 5, 2004
 Utah Division of Oil, Gas and Mining

13. Name & Signature: *[Signature: Sharon Ward]* Sharon Ward Title: Regulatory Administrator Date: 2/18/04

(This space for State use only)
 (12192) COPY SENT TO OPERATOR
 Date: 4-8-04
 Initials: CHD

(See Instructions on Reverse Side)

RECEIVED
 MAR 01 2004
 DIV. OF OIL, GAS & MINING

| | Well Name | API | Lease Type | Years Inactive |
|----|----------------------------|--------------|-------------------|-----------------------|
| 1 | Walker Hollow U 58 | 43-047-30912 | State | 7 Years 7 Months |
| 2 | Walker Hollow 44 | 43-047-30688 | State | 10 Years 7 Months |
| 1 | Elkhorn Watton Cyn U 17-2H | 43-043-30304 | Fee | 2 Years 2 Months |
| 2 | UPRR 35-2H | 43-043-30305 | Fee | 4 Years 6 Months |
| 3 | Bingham 10-1 | 43-043-30025 | Fee | 5 Years 7 Months |
| 4 | UPRC 3-11H | 43-043-30318 | Fee | 5 Years 8 Months |
| 5 | Blonquist 26-1H | 43-043-30314 | Fee | 6 Years 4 Months |
| 6 | Blonquist 26-3 | 43-043-30235 | Fee | 6 Years 4 Months |
| 7 | Bingham 2-2 | 43-043-30028 | Fee | 6 Years 7 Months |
| 8 | Elkhorn Watton Cyn U 19-2X | 43-043-30300 | Fee | 6 Years 8 Months |
| 9 | Elkhorn Watton Cyn U 18-1 | 43-043-30284 | Fee | 7 Years 4 Months |
| 10 | Bingham 2-4 | 43-043-30038 | Fee | 7 Years 8 Months |
| 11 | Bingham 2-3 | 43-043-30033 | Fee | 10 Years 7 Months |
| 12 | UPRR 3-1 | 43-043-30012 | Fee | 10 Years 8 Months |
| 13 | Judd 34-1 | 43-043-30061 | Fee | 10 Years 9 Months |
| 14 | Judd 34-3 | 43-043-30098 | Fee | 10 Years 9 Months |
| 15 | Pineview 4-4S | 43-043-30083 | Fee | 10 Years 9 Months |

Well History Summary

Well: Pineview, UPRR #3-1

Surface Location: 535' FNL & 760' FWL, NW NW, Section 3, T-2-N, R-7-E, Summit County, Utah

API#: 43-043-30012

Elevations: 6660' GL 6682' KB

TD: 10,312' PBTD: 6,082'

Casing:
- 13 3/8", 48# line pipe @ 40' (17 1/2" Hole) cmt'd to surf
- 9 5/8", 36#, J-55 csg @ 1954' (12 1/4" Hole) cmt'd to surf W/1025 total sx
- 7", 23#, S-95 csg F/surf - 2532'; 7", 26#, K-55 csg F/2532 - 7801'; 7", 29#, S-95 csg F/7801 - 8808'; 7", 23#, S-95 csg F/8808 - 8944'; 7", 26#, N-80 csg F/8944 - 9187'; 7", 29#, N-80 csg F/9187 - 10003'; 7", 29#, S-95 csg F/10003 - 10,312' (8 3/4" Hole) cmt'd W/290 sx
- DV Tool @ 8806' (**NOT cmt'd**)

Tubing: 200 jts 2 7/8", 6.5#, 8rd, EUE tbg

Initial Completion: 9 -12/75 CO well to PBTD @ 10,222'. Perf Twin Creek F/9851 - 66' (4 JSPF). Perf Nugget F/10,006 - 36' (4 JSPF). Reperf Nugget F/10016 - 26' (4 JSPF). Perf Nugget F/10045 - 47 & 62 - 67 (4 JSPF). Run BHP surveys on both zones. Complete well as dually completed, flowing Twin Creek & Nugget producer.

Initial Potential:
Stump: 89 BOPD + 98 MCFPD + 312 BWPD
Twin Creek: 919 BOPD + 939 MCFPD + 0 BWPD
Nugget: 80 BOPD + 575 MCFPD + 0 BWPD

Logs Available: GR, CBL-CCL-GR, Directional Log, FDL/CNL-GR-Caliper, Dipmeter-GR, Geological Drlg Log, Temperature Survey, Microlog-Resistivity-Caliper, BHC Sonic-GR-Caliper, DLL-SP-Caliper, & Computer Processed Log

Core Data:
1: 9,877' - 9,922' (see well file for details)
2: 9,922' - 9,944' (Bad run - see well file for details)
3: 10,012' - 10,051' (see well file for details)
4: 10,053' - 10,091' (see well file for details)
5: 10,091' - 10,113' (see well file for details)
6: 10,115' - 10,175' (see well file for details)
7: 10,175' - 10,232' (see well file for details)
8: 10,232' - 10,293' (see well file for details)

DST Test:
1: 3,450' - 3,538' (see well file for details)
2: 9,840' - 9,870' (Bad run - see well file for details)
3: 9,936' - 10,053' (see well file for details)
4: 10,048' - 10,113' (see well file for details)
5: 10,105' - 10,232' (see well file for details)
6: 10,234' - 10,293' (see well file for details)

History Updated: 2/20/04

Well Status: SI Stump producer

Perforations: Stump: **6029 – 37 & 49 – 63 (1 JSPF) (4/83)**
6089 – 93, 6122 – 31, & 39 – 44 (1 JSPF) (Perf'd & SQZ'd - 4/83)

Twin Creek: 9387, 9405, 21, 30, 35, 40, 55, 61, 91, 9515, 19, 27, 31, & 41 (1 JSPF) (7/81)
(SQZ'd – 4/83)
9620 - 50 (2 JSPF) (Perf'd - 1/79, SQZ'd – 7/81)
9851 - 66 (4 JSPF) (Perf'd - 9/75, SQZ'd – 9/78)

Nugget: 9940 – 45 (2 JSPF) (Perf'd - 10/78, SQZ'd – 10/78), 10006 – 36, 45 – 47, &
[CICR @ 10052' (12/78)] 62 - 67 (4 JSPF) (Perf'd - 10/75, SQZ'd –
11/78), 10084 – 94, 110 – 18, & 124 – 38 (2 JSPF) (Perf'd - 11/78, SQZ'd –
12/78)

Workovers & Other History:

- 8/76 Run BHP surveys on both Twin Creek & Nugget. Had to fish pressure bombs F/well. Left 1 – 1/2" X 1" slip segment & cable paraffin cutting tool in hole as junk.
- 9/76 Oil SQZ Nugget perfs W/400 BBLs lse crude in 4 = stages using UNI-beads to divert between stages @ 3.5 BPM & 3500 psi max.
- 3/77 Oil SQZ Twin Creek W/360 BBLs lse crude @ 1 BPM & 2500 psi max. Acidize W/500 gals 15% HCl @ 3 BPM & 3100 psi max.
- 9/78 - 1/79 Attempt to POOH W/dual completion equip. After extensive fishing ops, finally recover Otis dual completion PKR. **Perf Nugget F/9940 – 45 (2 JSPF). SQZ Twin Creek perfs W/348 sx cmt to 3400 psi. Set CICR @ 10,056'.** Acidize Nugget perfs 10062 – 67 W/500 gals 15% HCl @ 3 ½ BPM & 3250 psi max. SQZ perfs W/25 sx cmt to 3400 psi. **Set CICR @ 9916'.** **SQZ Nugget perfs 9940 – 45', 10006 – 36, & 10045 – 47 W/175 sx cmt to 4000 psi. CO well to new PBTD @ 10,152'.** **Perf Nugget F/10084 – 94, 110 – 18, & 124 – 38 (2 JSPF).** Acidize Nugget perfs W/600 gals acid @ 4.75 BPM & 2050 psi max. **Set CICR @ 10052'.** **SQZ Nugget perfs W/200 sx cmt to 5000 psi. Perf Twin Creek F/9620 – 50 (2 JSPF).** Acidize W/1500 gals 15% HCl using 45 BS to divert @ 3 BPM & 2200 psi max. Complete well as a flowing Twin Creek producer. (\$356,915)
- 4/79 CO paraffin F/tbg. (\$2,540)
- 6-7/79 Convert well to rod pump lift. (\$28,000)
- 10/79 Replace pump, TAC, & RIH W/guided rods. (\$6,800)
- 11/79 HIT 40 jts F/surf. Fix & RTP well. (\$3,800)
- 12/79 HIT 67 jts F/surf. PC. (\$16,650)

4/80 Fish prod equip. Find formation & LCM in pump. PC. Replace TAC. (\$33,900)

5/80 RP (\$4,400)

7/80 HIT @ 2452' FS. PC. (\$11,950)

9/80 RP (\$3,600)

11/80 RP (\$2,000)

1/81 RP (\$1,000)

1/81 RP (\$2,600)

2/81 PC (\$5,725)

2/81 PC (\$7,300)

3/81 HIT 74 jts F/surf. PC (\$5,900)

7/81 POOH W/prod equip. Set CICR @ 9590'. SQZ Twin Creek perfs W/250 sx cmt to 3000 psi. Perf Twin Creek @ 9387, 9405, 21, 30, 35, 40, 55, 61, 91, 9515, 19, 27, 31, & 41 (1 JSPF). Acidize W/2000 gals 15% HCl using 28 BS to divert @ 7 BPM & 4500 psi max. PWOP. (\$41,400)

10/81 POOH W/rods & pump. SI well as uneconomic to produce.

4/83 Set CICR @ 9300'. SQZ Twin Creek perfs W/100 sx cmt. Shoot SQZ holes @ 6250 (4 JSPF). Set CICR @ 6200'. SQZ behind pipe W/75 sx cmt to 1500 psi. Shoot SQZ holes @ 6000 (4 JSPF). SQZ behind pipe W/75 sx cmt to 1500 psi. CO well to 6200'. Perf Stump F/6029 - 37, 49 - 63, 89 - 93, 6122 - 31, & 39 - 44 (2 JSPF). SQZ perfs W/125 sx cmt to 2100 psi. CO well to 6200'. Re-perf Stump F/6029 - 37, 49 - 63, 89 - 93, 6122 - 31, & 39 - 44 (1 JSPF). Set CICR @ 6082'. SQZ Stump perfs 89 - 93, 6122 - 31, & 39 - 44 W/50 sx cmt to 2500 psi. PWOP. (\$115,064)

5/83 RP & PC (\$7,390)

1/84 RP (\$4,390)

4/84 PC & paraffin CO. (\$4,120)

6/84 PC (\$2,645)

9/85 Chemical SQZ well. (\$1,462)

5/86 PC & replace MA.

12/86 SI well as uneconomic to produce.

- 3/87 Acidize W/1100 gals 15% HCl in 4 stages using 33# benzoic acid flakes (100# total) to divert between stages @ 3 BPM & 1700 psi max.
- 5/87 Acidize W/1000 gals 15% HCl & 1 drum of Checker-sol @ 6 BPM & 300 psi. (\$2,730)
- 6/87 Scale SQZ well. (\$2,400)
- 3/89 HIT in 199th jt F/surf. Replace MA, TAC, SN & pump.
- 9/89 SI well as uneconomic to produce.

Date: 2-20-04

Citation Oil & Gas Corporation Pineview UPRR #3-1

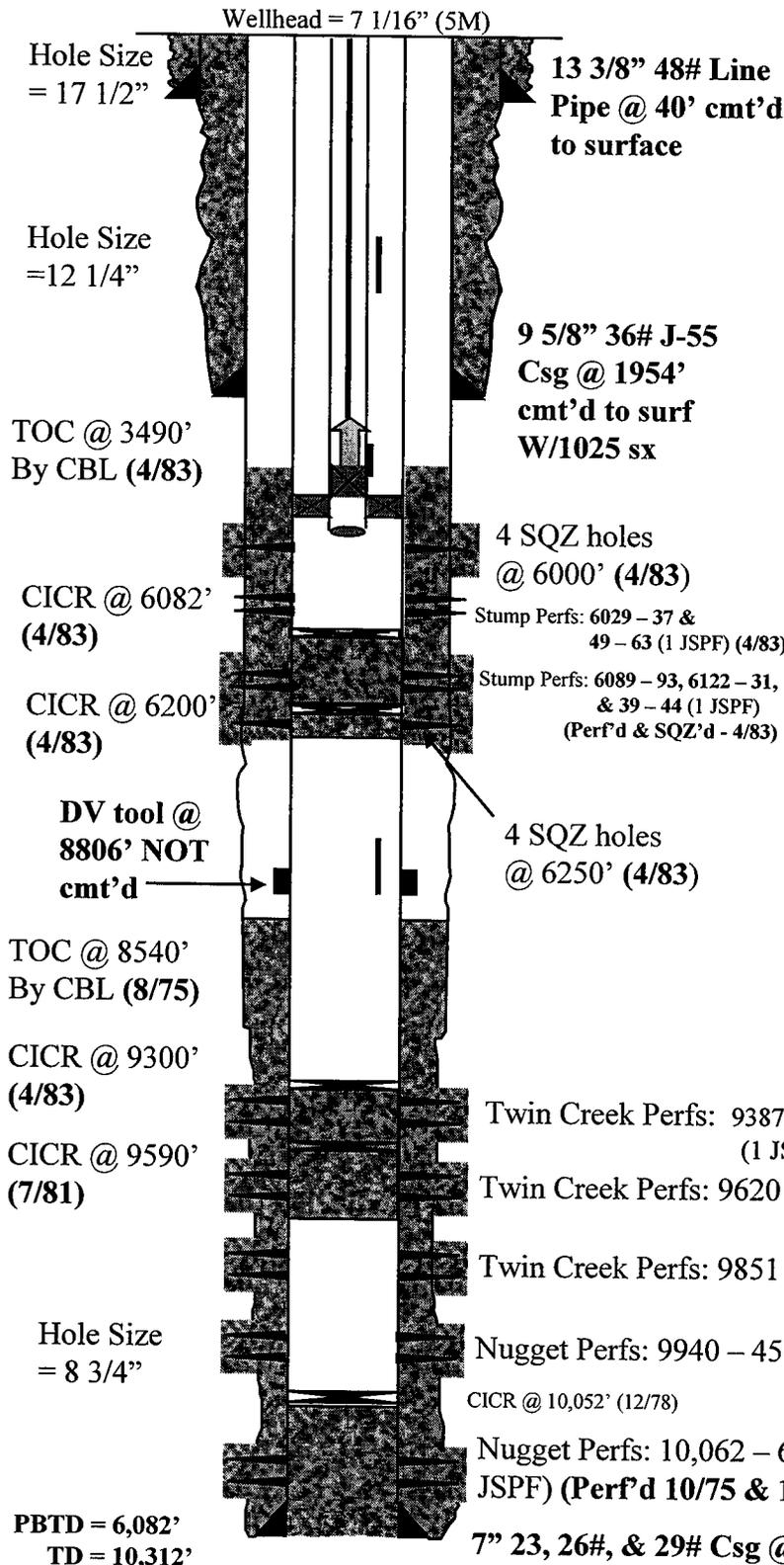
Ground Elevation = 6660'
RKB = 6682'
KB = 22'

Wellbore Diagram

Present Status

Surface Location

535' FNL & 760' FWL,
NW NW, Sec. 3, T-2-N,
R-7-E, Summit County, UT



TUBING DETAIL

| Qty | Description | Length | Depth |
|-----|----------------------------|----------|----------|
| | KB | 22 | 22.00 |
| 200 | 2 7/8", 6.5#, 8rd, EUE tbg | 6,000.30 | 6,022.30 |
| 1 | SN | 1.10 | 6,023.40 |
| 1 | 2 7/8" X 7" TAC | 2.45 | 6,025.85 |
| 1 | 2 7/8" MA | 31.10 | 6,056.95 |

ROD & PUMP DETAIL

| Qty | Description | Length | Depth |
|------|-----------------------|--------|----------|
| 4 | 1" API Grade "D" | 100 | 100.00 |
| 108 | 3/4" API Grade "D" | 2700 | 2,800.00 |
| 66 | 7/8" API Grade "D" | 1650 | 4,450.00 |
| 59 | 1" API Grade "D" | 1475 | 5,925.00 |
| Pump | 25' X 1.5" X 24' RHBC | | |

PRODUCTION CASING DETAIL

| Size | Weight | Grade | Depth |
|------|--------|-------|----------------|
| 7" | 23# | S-95 | Surf - 2532' |
| 7" | 26# | K-55 | 2532 - 7801' |
| 7" | 29# | S-95 | 7801 - 8808' |
| 7" | 23# | S-95 | 8808 - 8944' |
| 7" | 26# | S-95 | 8944 - 9187' |
| 7" | 29# | N-80 | 9187 - 10003' |
| 7" | 29# | S-95 | 10003 - 10312' |



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

April 7, 2004

CERTIFIED MAIL NO. 7002 0510 0003 8602 6396

Ms. Sharon Ward
Citation Oil & Gas Corporation
P.O. Box 690688
Houston, Texas 77269-0688

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated January 22, 2004.

Dear Ms. Ward:

This correspondence is in response to your seventeen (17) sundries dated February 11 and February 18, 2004 received by the Division on March 1, 2004. The Division of Oil, Gas and Mining is returning those sundries for lack of sufficient data to approve extended shut-in status.

The submitted sundries did not state the expected length of time to be SI/TA (R649-3-36-1.2) or give an explanation as to how the submitted information proved the well(s) had integrity (R649-3-36-1.3).

For reference, Attachment A lists the wells subject to the request. If you have any question or need additional assistance in regards to this matter please contact me at (801) 538-5281.

Sincerely,

Dustin Doucet
Petroleum Engineer

jc

| | Well Name | API | Lease Type | Years Inactive |
|----|----------------------------|--------------|-------------------|-----------------------|
| 1 | Walker Hollow U 58 | 43-047-30912 | State | 7 Years 7 Months |
| 2 | Walker Hollow 44 | 43-047-30688 | State | 10 Years 7 Months |
| 1 | Elkhorn Watton Cyn U 17-2H | 43-043-30304 | Fee | 2 Years 2 Months |
| 2 | UPRR 35-2H | 43-043-30305 | Fee | 4 Years 6 Months |
| 3 | Bingham 10-1 | 43-043-30025 | Fee | 5 Years 7 Months |
| 4 | UPRC 3-11H | 43-043-30318 | Fee | 5 Years 8 Months |
| 5 | Blonquist 26-1H | 43-043-30314 | Fee | 6 Years 4 Months |
| 6 | Blonquist 26-3 | 43-043-30235 | Fee | 6 Years 4 Months |
| 7 | Bingham 2-2 | 43-043-30028 | Fee | 6 Years 7 Months |
| 8 | Elkhorn Watton Cyn U 19-2X | 43-043-30300 | Fee | 6 Years 8 Months |
| 9 | Elkhorn Watton Cyn U 18-1 | 43-043-30284 | Fee | 7 Years 4 Months |
| 10 | Bingham 2-4 | 43-043-30038 | Fee | 7 Years 8 Months |
| 11 | Bingham 2-3 | 43-043-30033 | Fee | 10 Years 7 Months |
| 12 | UPRR 3-1 | 43-043-30012 | Fee | 10 Years 8 Months |
| 13 | Judd 34-1 | 43-043-30061 | Fee | 10 Years 9 Months |
| 14 | Judd 34-3 | 43-043-30098 | Fee | 10 Years 9 Months |
| 15 | Pineview 4-4S | 43-043-30083 | Fee | 10 Years 9 Months |

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

| | |
|---|---|
| 1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input type="checkbox"/> | 5. Lease Designation and Serial Number: FEE |
| 2. Name of Operator: Citation Oil & Gas Corp. | 6. If Indian, Allottee or Tribe Name: |
| 3. Address and Telephone Number: P O Box 690688, Houston, Texas 77269 (281) 517-7800 | 7. Unit Agreement Name: |
| 4. Location of Well: Footages: <i>020 07E 03</i> County: Summit QQ, Sec., T., R., M.: State: Utah | 8. Well Name and Number: UPRC 3-1 9. API Well Number: 43-043-30012 10. Field and Pool, or Wildcat: Pineview |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| NOTICE OF INTENT (Submit in Duplicate) | SUBSEQUENT REPORT (Submit Original Form Only) |
|--|--|
| <input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> Abandonment* <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other SI extension - supplemental information <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off |
| Approximate date work will start _____ | Date of work completion _____ |
| | Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form * Must be accompanied by a cement verification report. |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
Citation requests approval to retain this wellbore in a SI status for possible Watton Canyon Waterflood until 1/1/2006. By that time we should know if Elkhorn Watton Canyon economics merit waterflood expansion of the surrounding areas. At present, CP = 160 psi, TP = 160 psi, Casing-Casing Annular Pressure = 0 psi and fluid level is at surface. A Notice of Intent with a procedure to TA this well will be submitted once the procedure has been prepared and approved.

COPY SENT TO OPERATOR
Date: 7-27-04
Initials: CHD

13. Name & Signature: Debra Harris Title: Prod./Reg. Coord. Date: 7/8/2004

(This space for State use only)
(12192) APPROVED BY: [Signature] DATE: 7/21/04 BY: [Signature]
(See Instructions on Reverse Side)
* See attached letter dated 7/21/04
RECEIVED
JUL 14 2004
DIV OF OIL, GAS & MINING



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

July 21, 2004

CERTIFIED MAIL NO. 7002 0510 0003 8602 5221

Ms. Debra Harris
Citation Oil & Gas Corporation
P.O. Box 690688
Houston, Texas 77269-0688

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated January 22, 2004.

Dear Ms. Harris:

This correspondence is in response to Citation Oil & Gas Corporation's ("Citation") seventeen (17) sundries with various dates between June 8 and July 18, 2004. It is the Division of Oil, Gas and Mining's (the "Division") understanding that Citation intends to plug four (4) wells this year and requests extended shut-in/temporary abandonment for the remaining thirteen (13) wells as various water floods involving these wells are currently under evaluation regarding economics, polymer treatment, conversion to injectors, and possible expansion.

Based on the proposed plan to plug and abandon the Bingham 2-3, Pineview 4-4S, Blonquist 26-1H and Judd 34-1, and submitted information for the other thirteen (13) wells the Division grants all seventeen (17) wells shut-in/temporary abandonment extensions, with the condition the wells are placed at a minimum on quarterly monitoring and documenting of pressures and fluid levels. The documented information for these wells should be submitted to the Division at the end of the year for review. However, if pressures or fluid levels change significantly during the year please inform the Division immediately. Corrective action may be necessary. These extensions are valid through June 8, 2005, allowing adequate time to complete the proposed work. The approved sundries are enclosed with this letter.

Page 2
Ms. Debra Harris
July 21, 2004

For reference, Attachment A lists the wells subject to the request. If you have any question or need additional assistance in regards to this matter please contact me at (801) 538-5281.

Sincerely,

A handwritten signature in black ink that reads "Dustin Doucet". The signature is written in a cursive, slightly slanted style.

Dustin Doucet
Petroleum Engineer

CLD:jc
Enclosures

cc: Well file
SITLA

| | Well Name | API | Lease Type | Years Inactive |
|---|--------------------|--------------|-------------------|-----------------------|
| 1 | Walker Hollow U 58 | 43-047-30912 | State | 7 Years 7 Months |
| 2 | Walker Hollow 44 | 43-047-30688 | State | 10 Years 7 Months |

| | | | | |
|----|----------------------------|--------------|-----|-------------------|
| 1 | Elkhorn Watton Cyn U 17-2H | 43-043-30304 | Fee | 2 Years 2 Months |
| 2 | UPRR 35-2H | 43-043-30305 | Fee | 4 Years 6 Months |
| 3 | Bingham 10-1 | 43-043-30025 | Fee | 5 Years 7 Months |
| 4 | UPRC 3-11H | 43-043-30318 | Fee | 5 Years 8 Months |
| 5 | Blonquist 26-1H | 43-043-30314 | Fee | 6 Years 4 Months |
| 6 | Blonquist 26-3 | 43-043-30235 | Fee | 6 Years 4 Months |
| 7 | Bingham 2-2 | 43-043-30028 | Fee | 6 Years 7 Months |
| 8 | Elkhorn Watton Cyn U 19-2X | 43-043-30300 | Fee | 6 Years 8 Months |
| 9 | Elkhorn Watton Cyn U 18-1 | 43-043-30284 | Fee | 7 Years 4 Months |
| 10 | Bingham 2-4 | 43-043-30038 | Fee | 7 Years 8 Months |
| 11 | Bingham 2-3 | 43-043-30033 | Fee | 10 Years 7 Months |
| 12 | UPRR 3-1 | 43-043-30012 | Fee | 10 Years 8 Months |
| 13 | Judd 34-1 | 43-043-30061 | Fee | 10 Years 9 Months |
| 14 | Judd 34-3 | 43-043-30098 | Fee | 10 Years 9 Months |
| 15 | Pineview 4-4S | 43-043-30083 | Fee | 10 Years 9 Months |

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

| | |
|--|---|
| | 5. Lease Designation and Serial Number: FEE |
| | 6. If Indian, Allottee or Tribe Name: |
| | 7. Unit Agreement Name: |
| 1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input type="checkbox"/> | 8. Well Name and Number: UPRC 3-1 |
| 2. Name of Operator: Citation Oil & Gas Corp. | 9. API Well Number: 43-043-30012 |
| 3. Address and Telephone Number: P O Box 690688, Houston, Texas 77269 (281) 517-7800 | 10. Field and Pool, or Wildcat: Pineview |
| 4. Location of Well Footages: QQ, Sec., T., R., M.: 2N 7E 03 | County: Summit State: Utah |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| NOTICE OF INTENT (Submit in Duplicate) | SUBSEQUENT REPORT (Submit Original Form Only) |
|---|---|
| <input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ | <input type="checkbox"/> Abandonment* <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>SI extension</u> |
| <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off |
| Approximate date work will start _____ | Date of work completion _____ |
| | Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form * Must be accompanied by a cement verification report. |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
Citation requests approval to retain this wellbore in SI status. it is included in our 2005 budget for plug and abandonment. we are waiting on procedures.

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see R649-3-36 and Certified Letter Dated December 5, 2005).

[Signature]
December 5, 2005
Utah Division of Oil, Gas and Mining

13. Name & Signature: Bridget Lisenbe Title: Regulatory Assistant Date: 6/21/05

(This space for State use only)
(12192)

COPY SENT TO OPERATOR
Date: 12-9-05
Initials: CHD

(See Instructions on Reverse Side)

RECEIVED
JUN 23 2005
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

FEE

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

UPRC 3-1

R CD/OP

9. API Well Number:

43-043-30012

10. Field and Pool, or Wildcat:

Pineview

1. Type of Well:

OIL



GAS



OTHER:

2. Name of Operator

Citation Oil & Gas Corp.

3. Address and Telephone Number:

P O Box 690688, Houston, Texas 77269 (281) 517-7800

4. Location of Well

Footages:

0535 FWL 0760 FWL

QQ, Sec., T., R., M.:

NWNW S-03 T02N R09E

County:

Summit

State:

Utah

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

Abandonment

New Construction

Casing Repair

Pull or Alter Casing

Change of Plans

Recompletion

Conversion to Injection

Shoot or Acidize

Fracture Treat

Vent or Flare

Multiple Completion

Water Shut-Off

Other _____

Approximate date work will start ASAP

SUBSEQUENT REPORT

(Submit Original Form Only)

Abandonment*

New Construction

Casing Repair

Pull or Alter Casing

Change of Plans

Shoot or Acidize

Conversion to Injection

Vent or Flare

Fracture Treat

Water Shut-Off

Other _____

Date of work completion _____

Report results of **Multiple Completions and Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form

* Must be accompanied by a cement verification report.

12.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Citation Oil & Gas Corp. requests permission to plug and abandon the above referenced well with the attached procedure.

COPY SENT TO OPERATOR

Date:

7-8-05

Initials:

CHD

13.

Name & Signature:

Bridget Lisenbe

Bridget Lisenbe

Title:

Regulatory Assistant

Date:

7/1/05

(This space for State use only)

(12192)

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

(See Instructions on Reverse Side)

DATE: 7/7/05

BY: [Signature]

* See Conditions of Approval (Attached)

RECEIVED

JUL 0 / 2005

DIV. OF OIL, GAS & MINING

P & A PROCEDURE
PINEVIEW UPRR # 3-1
3-23-05

OBJECTIVE:

Plug, and abandon well. Erect dry hole marker, and restore surface as required by Land Owner specifications, or The State of Utah minimum established requirements. Cement for all plugs will be Class "G", 14.8 PPG., 2 % gel, and recommended additives. Fluid used for Plugging will be Packer fluid 8.8 ppg.

EXISTING PERFORATIONS: NUGGET: 9940 – 10047', CEMENT SQUEEZED 10-78, 10062 – 10138'- 2TO4 – JSPF 10- 75, 11-78. CEMENT SQUEEZED 11-88.

 TWIN CREEK: 9387 – 9541'- 1 – JSPF, 7-81. CEMENT SQUEEZED 4-83, 9851 – 9866' 4-JSPF, CEMENT SQUEEZED 10-78, 9620 – 9650', 2-JSPF 1-79, CEMENT SQUEEZED 10-78, 9387 – 9541' 1-JSPF 7-81, CEMENT SQUEEZED 4-83.

 STUMP: 6089 – 6144', 1-JSPF 4-83, CEMENT SQUEEZED 4-83, 6029 – 6063', 1-JSPF, 4-83, OPEN

BHT~ 194 DEG F. AT TD

EXISTING CONDITION: WELL IS SHUT IN, TA 9 – 89, STUMP FM PRODUCTION. THERE IS IN THE HOLE 200 JTS 2 7/8" 6.5# TUBING, SN, TAC, AND MA. FOOTAGE TOTAL 6056.96'. NO RODS IN THE WELL. SURFACE EQUIPMENT, 1 – LUFKIN MARK 320-256-100 SERIES PUMPING UNIT, WITH ECONOPAC SIZE 3 MOTOR, WELLHEAD, AND VALVES.

PROPOSED PROCEDURE:

1. The State of Utah Division of Oil, Gas, and Mining will be notified at least 24 hrs in advance of start of plugging operations. Telephone 801- 538- 5340 .
2. MIRU SU, Rig down Lufkin Mark 320 pumping unit, and move unit out. Rig up rental equipment, relieve well head pressure. Fill hole with produced treated water, ND wellhead. NU BOPE, Release TAC, POOH 200 jts 2 7/8" tubing, SN, TAC, and MA.
3. PU 6 1/8" Bit, and 7" Casing Scraper, tally and PU additional 2 7/8" tubing, Hydrotest below slips to 5000 psi. RIH to 6082', top of CICR. Displace hole with 240 bbls of Packer fluid 8.8 ppg. POOH, lay down Bit and Scraper. PU Baker 7" CICR, RIH to 5970' (Top of Stump Fm @6020'), set CICR, Establish injection rate, and pressure. RU Cementers, and squeeze plug below the CICR with 25 sks Class "G" Neat cement, and recommended additives. Release from CICR, and spot a 10 sk Class "G" cement on top of CICR. POOH to 5800' reverse circulate tubing clean with Packer fluid, RD Cementers. Pressure test the 7" casing with 500 PSI, hold for 30 Min. Confirm the casing MIT to the Gillette Office, if casing leaks plans will be made accordingly. POOH laying down tubing, stand back 2000' of tubing in the derrick.

4. RU Wireline unit, Perforate 4 – Squeeze holes in the 7" 23# casing at 2004', RD Wireline unit. PU Baker 7" CICR, RIH to 1900', set CICR, establish circulation between 7" X 9 5/8" casing annulus with Packer fluid. RU Cementers, and Squeeze Plug below the CICR, the 7" X 9 5/8" with 42 sx Class "G" Neat cement with additives. Release from CICR and spot a 10 sk class "G" neat cement plug on top of CICR, POOH laying down to 1800' Reverse circulate the tubing clean with Packer fluid. POOH laying down. ND BOPE, Cut off wellhead, Spot a (100') 19 sx cement plug in the top of 7" casing annulus, using 1" pipe spot a (100') 14 sx cement plug in the top of 7" X 9 5/8" annulus. RD Cementers, Clean location, RDMO SU.
5. Cut off casing strings a minimum of 4' below GL, Install dry hole marker, fill cellar with approved material, clean up location. Reclaim location, and roads in accordance with the Surface Land Owners specifications, or the State of Utah minimum established requirements.



State of Utah

Department of
Natural Resources

MICHAEL R. STYLER
Executive Director

Division of
Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

***CONDITIONS OF APPROVAL
TO PLUG AND ABANDON WELL***

Well Name and Number: UPRR 3-1
API Number: 43-043-30012
Operator: Citation Oil & Gas Corporation
Reference Document: Original Sundry Notice dated July 1, 2005,
received by DOGM on July 7, 2005

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
3. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
4. If there are any changes to the plugging procedure or wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
5. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

July 7, 2005

Date

Wellbore Diagram

API Well No: 43-043-30012-00-00 Permit No:

Well Name/No: UPRR 3-1

Company Name: CITATION OIL & GAS CORP

Location: Sec: 3 T: 2N R: 7E Spot: NWNW

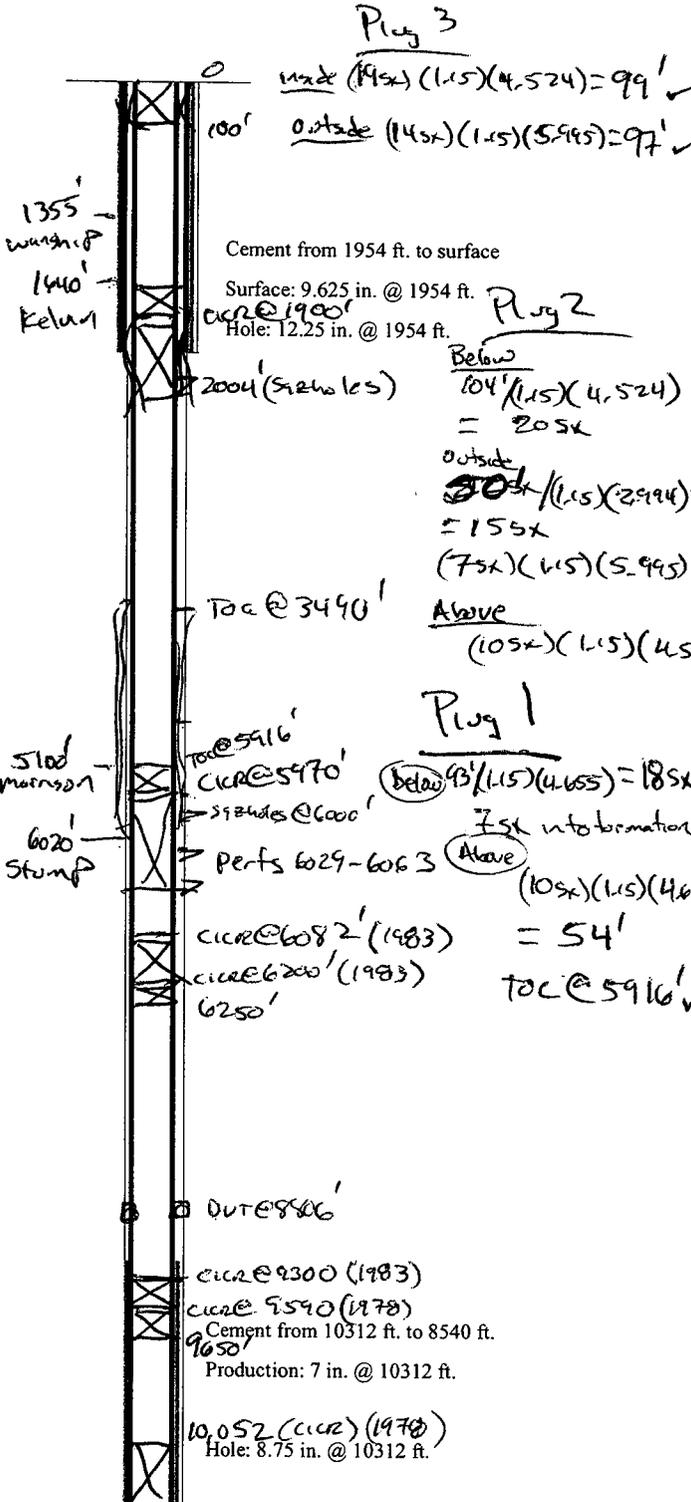
Coordinates: X: 487533 Y: 4532185

Field Name: PINEVIEW

County Name: SUMMIT

String Information

| String | Bottom (ft sub) | Diameter (inches) | Weight (lb/ft) | Length (ft) | Capacity (cf) |
|--------|-----------------|-------------------|----------------|-------------|---------------|
| HOL1 | 1954 | 12.25 | | | |
| SURF | 1954 | 9.625 | 36 | 1954 | |
| HOL2 | 10312 | 8.75 | | | |
| PROD | 10312 | 7 | 23 | 2532 | 4.524 |
| PROD | 10312 | 7 | 26 | 5269 | 4.655 |
| PROD | 10312 | 7 | 29 | 1007 | 4.794 |
| PROD | 10312 | 7 | 23 | 136 | |
| PROD | 10312 | 7 | 26 | 243 | |
| PROD | 10312 | 7 | 29 | 816 | |
| PROD | 10312 | 7 | 29 | 309 | |
| PLG1 | 10312 | 7 | | | |
| PLG2 | 9650 | 7 | | | |



Cement Information 9 7/8" x 7" → 2.994
 5.995

| String | BOC (ft sub) | TOC (ft sub) | Class | Sacks |
|--------|--------------|--------------|-------|-------|
| PROD | 10312 | 8540 | UK | 290 |
| SURF | 1954 | 0 | UK | 1025 |

Perforation Information

| Top (ft sub) | Bottom (ft sub) | Shts/Ft | No Shts | Dt Squeeze |
|--------------|-----------------|---------|---------|------------|
| 9940 | 10138 | | | |
| 9387 | 9866 | | | 5928 1978 |
| 6089 | 6144 | | | 1978/83 |
| 6029 | 6063 | | | 1983 |
| | | | | OPRA |

Formation Information

| Formation | Depth |
|-----------|-------|
| WANSHP | 1355 |
| KELVN | 1640 |
| MORN | 5100 |
| STUMP | 6020 |
| PREU | 7590 |
| TWNCR | 8658 |
| GYP SPR | 9936 |
| NGSD | 9983 |

TD: 10312 TVD: PBTD:



State of Utah

Department of
Natural Resources

MICHAEL R. STYLER
Executive Director

Division of
Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

December 5, 2005

CERTIFIED MAIL NO. 7002 0510 0003 8603 0140

Ms. Debra Harris
Citation Oil & Gas Corporation
P.O. Box 690688
Houston, Texas 77269-0688

Re: Second Notice of Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases dated January 22, 2004.

Dear Ms. Harris:

This correspondence is in response to Citation Oil & Gas Corporation's ("Citation") fourteen (14) sundries with various dates between June 23 and October 20, 2005. In 2004, the Division of Oil, Gas and Mining (the "Division") gave approval for extended shut-in/temporarily abandoned (SI/TA) well status for the then seventeen (17) SI/TA wells. The approval was based on a plan to plug and abandon (P&A) four (4) wells and submit integrity information on the remaining thirteen (13) wells. In 2004, Citation did plug three (3) wells and submitted some limited integrity information on the remaining fourteen (14) wells.

In 2005, a plan dated July 21, 2005 (actual date appears to have been July 20, 2005 as this is the date stamp from the fax and the date stamped as received by the Division) was submitted in addition to the several sundries with various information on them requesting extended SI/TA. Inadequate information was supplied for approval of extended SI/TA status as noted on Attachment A. Requests for extended SI/TA status MUST include the following: 1) the reason for extended SI/TA, 2) the length of time expected to be SI/TA and 3) a showing the well has integrity. The Division felt that none of the requests properly addressed the integrity issue. Just supplying pressures and fluid levels does not by itself show wellbore integrity. It is up to the operator to show integrity. The operator should explain how the submitted information shows integrity. Several of the requests were lacking in the first two requirements as well.

43043 30012
2N 7E 03

Page 2
Ms. Debra Harris
December 5, 2005

In addition to having insufficient information, NOTHING has been accomplished from the submitted plan. Of the fourteen (14) current SI/TA Fee or State wells, the July 20, 2005 plan proposed the P&A of seven (7) wells, conversion to a water injection well for 1 well and the conversion to a salt water disposal well for 1 well. The referenced sundries also suggested that an additional three (3) wells may be P&A out of those fourteen (14) wells.

The Division requests that Citation submit the necessary information for these six wells by January 13, 2006 or further action will be initiated. This information includes reason for SI/TA, length of time for SI/TA and a showing that the wells have integrity. Please refer to the Division letter dated January 22, 2004 for more information on the requirements.

For reference, Attachment A lists the wells subject to the request. If you have any question or need additional assistance in regards to this matter please contact me at (801) 538-5281.

Sincerely,



Dustin Doucet
Petroleum Engineer

Attachment
cc: Well file
Operator compliance file
SITLA

ATTACHMENT A

| | Well Name | API | Lease Type | Years Inactive | Reason(s) for Denial |
|----|----------------------------|--------------|------------|--------------------|---|
| 1 | Walker Hollow U 58 | 43-047-30912 | State | 7 Years 7 Months | Reason, Length, Explanation, Integrity(Dynamic) |
| 2 | Walker Hollow 44 | 43-047-30688 | State | 17 Years 3 Months | Length, Explanation, Integrity |
| 3 | UPRR 35-2H | 43-043-30305 | Fee | 7 Years 1 Month | Length, Explanation |
| 4 | Bingham 10-1 | 43-043-30025 | Fee | 7 Years 6 Months | Explanation, Integrity(Dynamic) |
| 5 | UPRC 3-11H | 43-043-30318 | Fee | 7 Years 4 Months | Explanation, Integrity(Dynamic?) |
| 6 | Blonquist 26-3 | 43-043-30235 | Fee | 8 Years 9 Months | Reason, Explanation |
| 7 | Bingham 2-2 | 43-043-30028 | Fee | 8 Years 6 Months | Reason, Explanation |
| 8 | Elkhorn Watton Cyn U 19-2X | 43-043-30300 | Fee | 8 Years 7 Months | Length, Explanation, Reason? |
| 9 | Elkhorn Watton Cyn U 18-1 | 43-043-30284 | Fee | 9 Years 3 Months | Length, Explanation, Reason? |
| 10 | Bingham 2-4 | 43-043-30038 | Fee | 9 Years 7 Months | Reason, Explanation |
| 11 | UPRR 3-1 | 43-043-30012 | Fee | 16 Years 2 Months | Explanation, Integrity(Dynamic?) |
| 12 | Judd 34-1 | 43-043-30061 | Fee | 13 Years 11 Months | Reason, Explanation |
| 13 | Judd 34-3 | 43-043-30098 | Fee | 13 Years 11 Months | Reason, Explanation |
| 14 | Pineview 4-3 | 43-043-30083 | Fee | 1 Year 10 Months | Reason, Length, Explanation, Integrity |

Length = Lacking length of time information

Explanation = Lacking explanation on how submitted information shows integrity

Integrity = Lacking integrity information

Dynamic = Integrity information shows wellbore condition to be dynamic

Reason = Lacking reason for extended SI/TA



January 11, 2006

Mr. Dustin Doucet
State of Utah; Department of Natural Resources
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

Re: Utah TA request

Dear Mr. Doucet:

In a letter dated December 5, 2005, the State of Utah requested further information on multiple SI/TA sundries that were submitted by Citation Oil and Gas. Of key concern were the following: The reason for extended SI, the length of time expected to be SI and to explain how the submitted information demonstrates that the well has integrity.

Attached is a spreadsheet which lists each well and Citations' plan and timeframe for each well-bore. A number of the wells listed are wells that are slated for P&A. Citation is attempting to package these wells in order to obtain a rig; we anticipate rig arrival by mid-year 2006. At that point Citation will begin the P&A process on the following wells; UPRR 35-2H, UPRC 3-11H, Blonquist 26-3, Bingham 2-2, Elkhorn Watton Cyn U 19-2X, Elkhorn Watton Cyn U 18-1, Bingham 2-4, UPRR 3-1, Judd 34-1, Judd 34-3 and the Pineview 4-3.

Of these wells, 3 were listed as needing further clarification as to the integrity issue. These wells are the UPRC 3-11H, UPRR 3-1, and the Pineview 4-3. Fluid levels in each of these wells have been fluctuating slightly, but given that these wells are open to formations that are being produced, this is normal. However, it would be Citations' intent to have these wells among the first slated for P&A.

Citation is not interested in the liability associated with inactive well-bores; please know that as soon as it is determined that a well-bore has no future utility, it will be plugged and abandoned.

Given that, Citation Oil and Gas respectfully requests permission to maintain the attached list of wells with a TA status until P&A operations can begin.

Sincerely,

Chad S. Stallard
Production Engineer

RECEIVED

JAN 13 2006

DIV. OF OIL, GAS & MINING

| Well Name | API | Lease Type | Reason for Denial | Citations Plans for wellbore | When(year) |
|----------------------------|--------------|------------|--|------------------------------|------------|
| Walker Hollow Unit #58 | 43-047-30912 | State | Reason, Length, Explanation, Integrity | Reactivate | 2006 |
| Walker Hollow Unit #44 | 43-047-30688 | State | Length, Explanation, Integrity | Convert to injection | 2006-2008 |
| UPRR 35-2H | 43-043-30305 | Fee | Length, Explanation | P&A | 2006-2007 |
| Bingham 10-1 | 43-043-30025 | Fee | Explanation, Integrity | Convert to SWD | 2006-2007 |
| UPRC 3-11H | 43-043-30318 | Fee | Explanation, Integrity | P&A (had been SWD cand) | 2006-2007 |
| Blonquist 26-3 | 43-043-30235 | Fee | Reason, Explanation | P&A | 2006-2007 |
| Bingham 2-2 | 43-043-30028 | Fee | Reason, Explanation | P&A | 2006-2007 |
| Elkhorn Watton Cyn U 19-2X | 43-043-30300 | Fee | Length, Explanation, Reason | P&A | 2006-2007 |
| Elkhorn Watton Cyn U 18-1 | 43-043-30284 | Fee | Length, Explanation, Reason | P&A | 2006-2007 |
| Bingham 2-4 | 43-043-30038 | Fee | Reason, Explanation | P&A | 2006-2007 |
| UPRR 3-1 | 43-043-30012 | Fee | Explanation, Integrity | P&A | 2006-2007 |
| Judd 34-1 | 43-043-30061 | Fee | Reason, Explanation | P&A | 2006-2007 |
| Judd 34-3 | 43-043-30098 | Fee | Reason, Explanation | P&A | 2006-2007 |
| Pineview 4-3 | 43-043-30083 | Fee | Reason, Length, Explanation, Integrity | P&A | 2006-2007 |

30077

RECEIVED

JAN 13 2006

DIV. OF OIL, GAS & MINING



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 14, 2006

CERTIFIED MAIL NO. 7005 0390 0000 7506 4659

Chad Stallard
Citation Oil & Gas Corporation
P.O. Box 690688
Houston, Texas 77269-0688

Re: Extended Shut-in and Temporarily Abandoned Well Requirements for
Fee or State Leases.

Dear Mr. Stallard:

The Division of Oil, Gas and Mining (the "Division") is in receipt of your letters dated January 11, 2006 (received by the Division 01/13/2006) in regards to fourteen (14) shut-in or temporarily abandoned (SI/TA) wells. The Division understands that Citation Oil & Gas Corporation ("Citation") plans to reactivate one well, convert one well to a disposal well, convert one well to an injection well and plug and abandon the remaining 11 wells. It is the Divisions understanding that the 11 P&A candidates are being bid out and a rig is expected to start the P&A's by mid-year 2006. Attachment A lists the wells and the proposed plan of action.

Based on the submitted plan of action and integrity information, the Division grants Citation extended SI/TA status for the fourteen wells listed in attachment A. The extensions for these wells are valid through January 1, 2007. The Division expects continual progress on the plugging of the wells and continued monitoring of wellbore integrity. Should wellbore conditions change, Citation should contact the Division immediately. Remedial action may be necessary.

If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

cc: Well Files
SITLA

ATTACHMENT A

TOZN ROTE 503

| | Well Name | API | Lease Type | Years Inactive | Citation's Plans For Wellbore | When(year) |
|----|----------------------------|--------------|------------|--------------------|-------------------------------|------------|
| 1 | Walker Hollow U 58 | 43-047-30912 | State | 7 Years 7 Months | Reactivate | 2006 |
| 2 | Walker Hollow 44 | 43-047-30688 | State | 17 Years 3 Months | Convert to Injection | 2006-2008 |
| 3 | UPRR 35-2H | 43-043-30305 | Fee | 7 Years 1 Month | P&A | 2006-2007 |
| 4 | Bingham 10-1 | 43-043-30025 | Fee | 7 Years 6 Months | Convert to SWD | 2006-2007 |
| 5 | UPRC 3-11H | 43-043-30318 | Fee | 7 Years 4 Months | P&A | 2006-2007 |
| 6 | Blonquist 26-3 | 43-043-30235 | Fee | 8 Years 9 Months | P&A | 2006-2007 |
| 7 | Bingham 2-2 | 43-043-30028 | Fee | 8 Years 6 Months | P&A | 2006-2007 |
| 8 | Elkhorn Watton Cyn U 19-2X | 43-043-30300 | Fee | 8 Years 7 Months | P&A | 2006-2007 |
| 9 | Elkhorn Watton Cyn U 18-1 | 43-043-30284 | Fee | 9 Years 3 Months | P&A | 2006-2007 |
| 10 | Bingham 2-4 | 43-043-30038 | Fee | 9 Years 7 Months | P&A | 2006-2007 |
| 11 | UPRR 3-1 | 43-043-30012 | Fee | 16 Years 2 Months | P&A | 2006-2007 |
| 12 | Judd 34-1 | 43-043-30061 | Fee | 13 Years 11 Months | P&A | 2006-2007 |
| 13 | Judd 34-3 | 43-043-30098 | Fee | 13 Years 11 Months | P&A | 2006-2007 |
| 14 | Pineview 4-3 | 43-043-30083 | Fee | 1 Year 10 Months | P&A | 2006-2007 |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

| | | |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | | 7. UNIT or CA AGREEMENT NAME: |
| 1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ | | 8. WELL NAME and NUMBER: UPRR 3-1 |
| 2. NAME OF OPERATOR: Citation Oil & Gas Corp. | | 9. API NUMBER: 4304330012 |
| 3. ADDRESS OF OPERATOR: P O Box 690688 CITY Houston STATE TX ZIP 77269 | | 10. FIELD AND POOL, OR WLD CAT: Pineview |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 535 FNL & 760 FWL | | COUNTY: Summit |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 3 2N 7E | | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>2006</u> | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input checked="" type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, v olumes, etc.
Citation Oil & Gas Corp. proposes to plug and abandon the UPRC 3-1 with the attached procedure.

COPY SENT TO OPERATOR
 Date: 11-14-06
 Initials: RM

| | |
|--|---------------------------------|
| NAME (PLEASE PRINT) <u>Sharon Ward</u> | TITLE <u>Permitting Manager</u> |
| SIGNATURE <u>Sharon Ward</u> | DATE <u>8/14/2006</u> |

(This space for State use only) **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**

DATE: 11/8/06
 BY: [Signature] (See instructions on Reverse Side)
 * See Conditions of Approval (Attached)

RECEIVED
AUG 17 2006

(5/2000)

**PROPOSED PLUGGING PROCEDURE FOR
CITATION OIL & GAS CORP**



Well: UPRR #3-1
Field: Pineview
County: Summit County, Utah

1. MIRU. Load well with FSW.
2. Release rod pump.
3. POH w/ rods and rod pump.
4. Remove tree. Install BOPS.
5. Release TAC at 6025'.
6. Circulate well with 9# fluid.
7. POH w/ tbg and TAC.
8. RIH w/ tbg to 6029'.
9. Set 35-sx cement plug from 5859 – 6029'.
10. Pull up. Reverse out. WOC.
11. Lower tbg and tag top of cement & record.
12. POH w/ tbg. (Stand back 3450')
13. Nipple up on 7" csg. RU Jacks.
14. Remove csg hanger.
15. RD Jacks. Set Annular BOP. RU Jacks.
16. RU WL. Jet cut 7" csg at 3450'. RD WL.
17. Recover 7" csg.
18. Set BOPS.
19. RIH w/ tbg to 2000'.
20. Circulate and condition fluid.
21. Set 50-sx cement plug from 1880 - 2000'.
22. Pull up. Reverse out. WOC.
23. Lower tbg and tag top of cement & record.
24. Lay tbg down.
25. Set 30-sx cement plug from 4 – 50'.
26. Cut & cap well 4' below ground level.
27. Rig down. Move off location.

Date: 8-9-06

Citation Oil & Gas Corporation Pineview UPRR #3-1

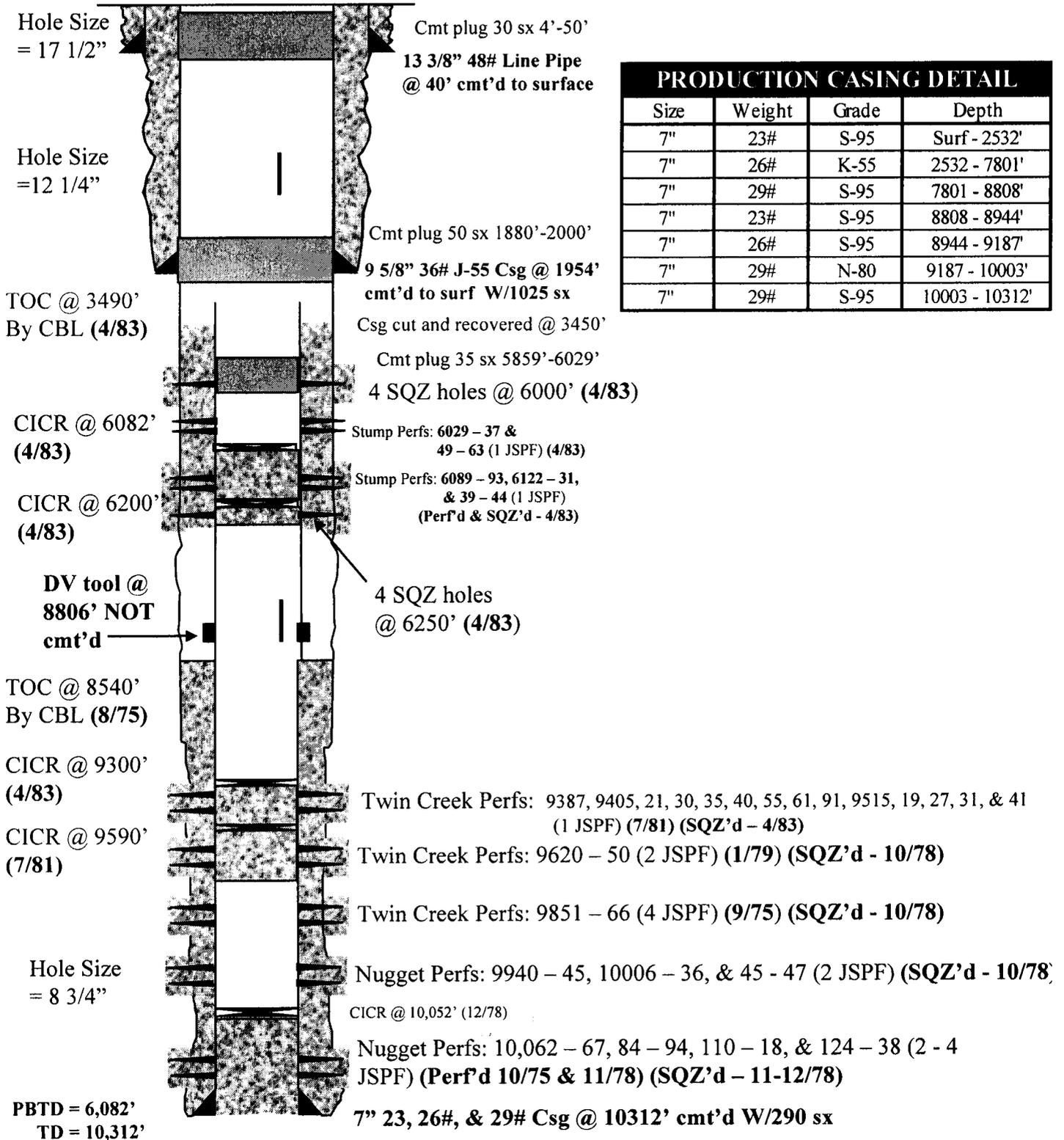
Wellbore Diagram

Proposed Status

Surface Location

535' FNL & 760' FWL,
NW NW, Sec. 3, T-2-N,
R-7-E, Summit County, UT

Ground Elevation = 6660'
RKB = 6682'
KB = 22'



| PRODUCTION CASING DETAIL | | | |
|--------------------------|--------|-------|----------------|
| Size | Weight | Grade | Depth |
| 7" | 23# | S-95 | Surf - 2532' |
| 7" | 26# | K-55 | 2532 - 7801' |
| 7" | 29# | S-95 | 7801 - 8808' |
| 7" | 23# | S-95 | 8808 - 8944' |
| 7" | 26# | S-95 | 8944 - 9187' |
| 7" | 29# | N-80 | 9187 - 10003' |
| 7" | 29# | S-95 | 10003 - 10312' |

Date: 2-20-04

Citation Oil & Gas Corporation Pineview UPRR #3-1

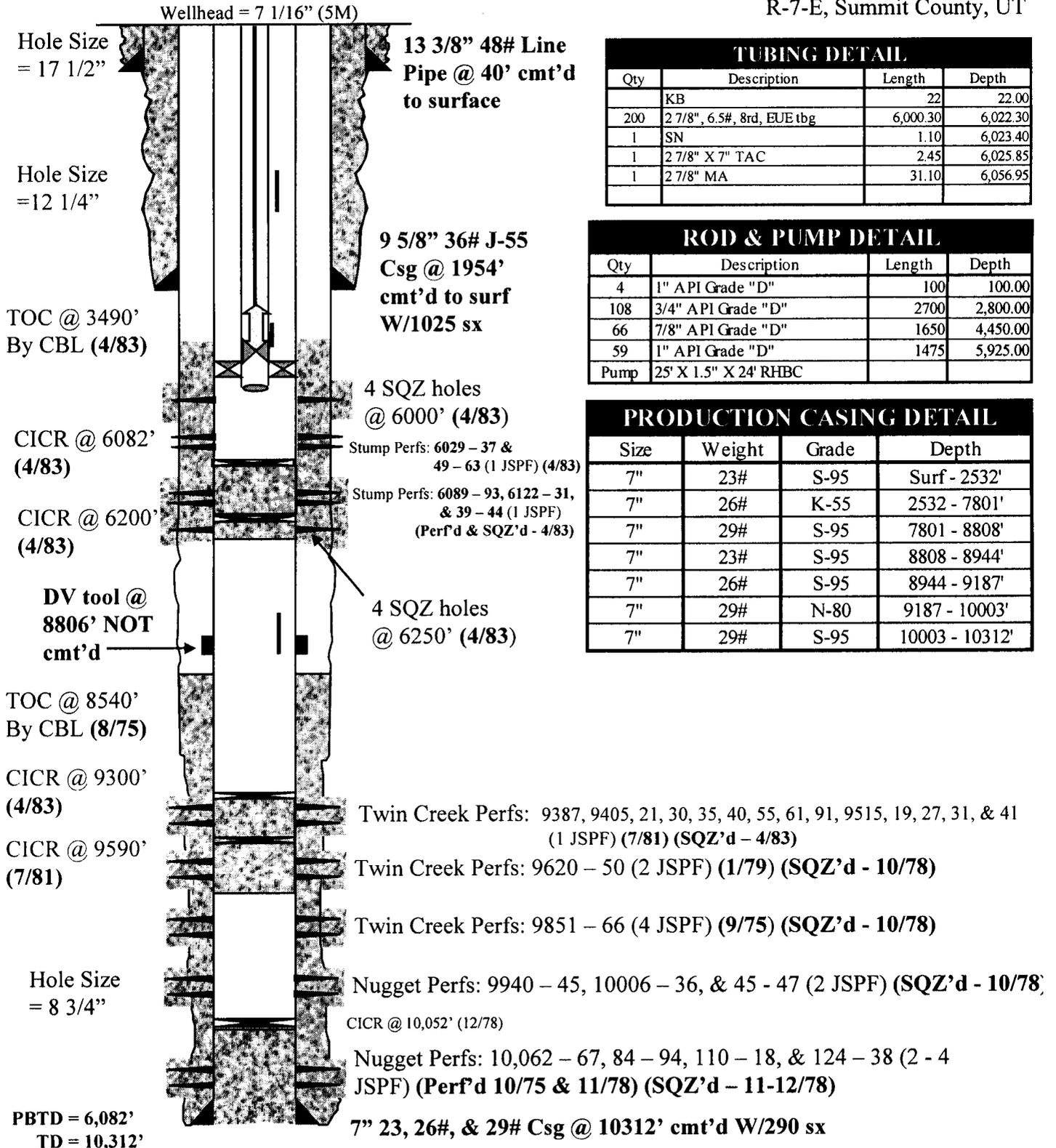
Wellbore Diagram

Present Status

Surface Location

535' FNL & 760' FWL,
NW NW, Sec. 3, T-2-N,
R-7-E, Summit County, UT

Ground Elevation = 6660'
RKB = 6682'
KB = 22'





State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

***CONDITIONS OF APPROVAL
TO PLUG AND ABANDON WELL***

Well Name and Number: UPRR 3-1
API Number: 43-043-30012
Operator: Citation Oil & Gas Corporation
Reference Document: Original Sundry Notice dated August 14, 2006,
received by DOGM on August 17, 2006

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. Cement shall be Class G neat cement mixed at 15.8 ppg with a yield of 1.15 cf/sk unless a different type is approved by the Division.
3. **Add Plug:** A 100' plug (\pm 36 sx) shall be balanced across the 7" casing stub from \pm 3500' to 3400' (R649-3-24-3.8).
4. All balanced plugs shall be tagged to ensure the plugs are at the depths specified.
5. All intervals between plugs shall be filled with noncorrosive fluid.
6. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
8. If there are any changes to the plugging procedure or wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

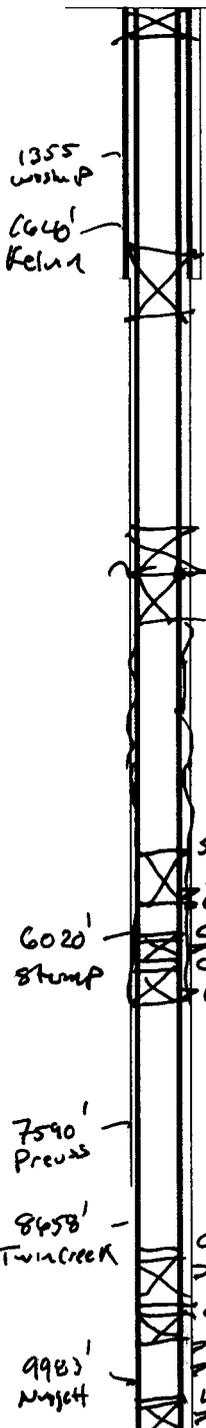
November 8, 2006

Date

API Well No: 43-043-30012-00-00 Permit No: Well Name/No: UPRR 3-1
 Company Name: CITATION OIL & GAS CORP
 Location: Sec: 3 T: 2N R: 7E Spot: NWNW
 Coordinates: X: 487533 Y: 4532185
 Field Name: PINEVIEW
 County Name: SUMMIT

String Information

| String | Bottom (ft sub) | Diameter (inches) | Weight (lb/ft) | Length (ft) | Capacity (GAL) |
|--------|-----------------|-------------------|----------------|-------------|----------------|
| HOL1 | 1954 | 12.25 | | | |
| SURF | 1954 | 9.625 | 36 | 1954 | 2.304 |
| HOL2 | 10312 | 8.75 | | | |
| PROD | 10312 | 7 | 23 | 2532 | 4.524 |
| PROD | 10312 | 7 | 26 | 5269 | 4.655 |
| PROD | 10312 | 7 | 29 | 1007 | 4.794 |
| PROD | 10312 | 7 | 23 | 136 | |
| PROD | 10312 | 7 | 26 | 243 | |
| PROD | 10312 | 7 | 29 | 816 | |
| PROD | 10312 | 7 | 29 | 309 | |
| PLG1 | 10312 | 7 | | | |
| PLG2 | 9650 | 7 | | | |



Plug 4 (Surface - 50' to surf)
 50' = 195x
 Propose 305x - O.K. ✓

Cement from 1954 ft. to surface
 Surface: 9.625 in. @ 1954 ft.
 Hole: 12.25 in. @ 1954 ft.
 Plug 3 (Surface - 1890 - 2000)
 8 3/4" x 7"
 Below 50' = 265x
 Above 50' / (1.15) x (2.304) = 195x
 455x
 Propose 50x - O.K. ✓

Cement Information
 BOC (ft sub) TOC (ft sub) Class Sacks
 8 3/4" x 7" → 2.994
 9 7/8" x 7" → 5.985
 8 3/4" hole (208) → 1.663

Add Plug 2 (across stub 3500 → 3400')
 TOC @ 3490'
 Inside 50' / (4.655) (1.15) = 105x
 Above stub 50' / (4.63) (1.15) = 265x
 365x

Perforation Information

| Top (ft sub) | Bottom (ft sub) | Shts/Ft | No Shts | Dt Squeeze |
|--------------|-----------------|---------|---------|------------|
| 9940 | 10138 | | | |
| 9387 | 9866 | | | |
| 6089 | 6144 | | | |
| 6029 | 6063 | | | |

Plug 1 (6029 - 5859)
 (355x) (4.655) (1.15) = 187'
 TOC @ 5841' ✓
 O.K.

Formation Information

| Formation | Depth |
|-----------|-------|
| WANSHP | 1355 |
| KELVN | 1640 |
| MORN | 5100 |
| STUMP | 6020 |
| PREU | 7590 |
| TWNCR | 8658 |
| GYSPR | 9936 |
| NGSD | 9983 |

TB: 10312 TVD: PBTB:

43-043-30012



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 4, 2007

Sharon Ward
Citation Oil & Gas Corp
P.O. Box 690688
Houston, Texas 77269-0688

Re: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases.

Dear Ms. Ward:

Citation Oil & Gas Corp. (Citation) has proposed to plug 16 wells beginning in March of 2007 (see attached email dated 11/20/2006). The majority of these wells have approved P&A procedures in effect (see attachment A for wells that are currently approved for P&A and are planned for a March start date). Based on this plan of action and information provided, The Division of Oil, Gas and Mining (Division) approves extended SI/TA for the wells on Attachment A through July 1, 2007 at which time Citation shall submit plans for reactivation or plugging of those wells not already addressed.

Federal approval is required on all Federal lease wells. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

A handwritten signature in black ink, appearing to read "Dustin K. Doucet".

Dustin K. Doucet
Petroleum Engineer

Attachments
cc: Well File
SITLA

ATTACHMENT A

Wells with Approved P&A's

| | Well Name | API | Lease Type | Years Inactive |
|----|----------------------------|--------------|------------|-------------------|
| 1 | Walker Hollow U 58 | 43-047-30912 | State | 10 Years 7 Months |
| 2 | Walker Hollow 44 | 43-047-30688 | State | 13 Years 7 Months |
| 3 | UPRR 35-2H | 43-043-30305 | Fee | 7 Years 6 Months |
| 4 | UPRC 3-11H | 43-043-30318 | Fee | 8 Years 8 Months |
| 5 | Blonquist 26-3 | 43-043-30235 | Fee | 9 Years 4 Months |
| 6 | Bingham 2-2 | 43-043-30028 | Fee | 9 Years 7 Months |
| 7 | Elkhorn Watton Cyn U 19-2X | 43-043-30300 | Fee | 9 Years 8 Months |
| 8 | Elkhorn Watton Cyn U 18-1 | 43-043-30284 | Fee | 10 Years 4 Months |
| 9 | Bingham 2-4 | 43-043-30038 | Fee | 10 Years 8 Months |
| 10 | UPRR 3-1 | 43-043-30012 | Fee | 13 Years 8 Months |
| 11 | Judd 34-1 | 43-043-30061 | Fee | 13 Years 9 Months |
| 12 | Judd 34-3 | 43-043-30098 | Fee | 13 Years 9 Months |
| 13 | Pineview 4-3 | 43-043-30077 | Fee | 3 Years 11 Months |

Wells without Approved P&A's

| | Well Name | API | Lease Type | Years Inactive |
|---|----------------------------|--------------|------------|--------------------|
| 1 | Bingham 10-1 | 43-043-30025 | Fee | 8 Years 7 Months |
| 2 | Elkhorn Watton Cyn U 17-2H | 43-043-30304 | Fee | 0 Years 11 Months |
| 3 | USA Pearl Broadhurst U 22 | 43-047-31025 | Fed | 20 Years 0 Months |
| 4 | Walker Hollow Unit 36 | 43-047-30282 | Fed | 6 Years 11 Months |
| 5 | Walker Hollow Unit 74 | 43-047-31031 | Fed | 3 Years 7 Months |
| 6 | Walker Hollow Unit 60 | 43-047-30913 | Fed | 21 Years 6 Months |
| 7 | Upper Valley Unit 2 | 43-017-16025 | Fed | 10 Years 11 Months |

DEPARTMENT TO OPERATOR
 Date: 1-8-07
 Initials: RM

From: "Sharon Ward" <SWard@cogc.com>
To: <danjarvis@utah.gov>
Date: 11/20/2006 9:06 AM
Subject: FW: Rig Availability

CC: <dustindoucet@utah.gov>
Dan,

Dustin,

Chad Stallard requested that I forward you an email from TETRA Applied Technologies, L. P. advising us that they will be able to start plugging procedures for Citation around March 2007. If you have any questions regarding this information, please contact me.

Sincerely,

Sharon Ward

Permitting Manager/Well Records

Citation Oil & Gas Corp.

wk# 281-517-7309

fax# 281-469-9667

-----Original Message-----

From: David W. Culberson [mailto:dculberson@tetrattec.com]
Sent: Thursday, November 02, 2006 4:44 PM
To: Chad Stallard
Cc: Mark Bing; Alan Culberson
Subject: Rig Availability

Gentlemen:

TETRA Applied Technologies, L. P. acknowledges that it has been contracted by Citation Oil and Gas Corporation to plug 16 wells in and around Summit County Utah.

At this time TETRA Applied Technologies, L.P. is extremely busy and in the process of refurbishing our rig fleet. We estimate that one of our rigs will be available to start operations on these wells in March of 2007.

If you have any questions, please let contact me.

Thank you,

David W. Culberson

Sales Manager/Onshore P&A

361-578-3503 office

361-550-9005 cell

361-578-4158 fax

dculberson@tetrathec.com

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
UPRR 3-1

2. NAME OF OPERATOR:
Citation Oil & Gas Corp.

9. API NUMBER:
4304330012

3. ADDRESS OF OPERATOR:
P O Box 690688 CITY **Houston** STATE **TX** ZIP **77269**

PHONE NUMBER:
(281) 517-7309

10. FIELD AND POOL, OR WLD/CAT:
Pineview

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **535 FNL & 760 FWL**

COUNTY: **Summit**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNW 3 2N 7E**

STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input checked="" type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/9/2008 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 12/9/07 Citation Rigged up the derrick and installed the guylines. Tested tbg & csg to 300#. Bled tbg & csg dn to zero. Tbg & csg flowing FW. Pmp'd 80 bbls dn tbg 10# FW circ. Tbg stopped flowing, csg continued to flow. Circ 10# FW. csg stopped flowing. RM tbg slips. NU BOP's. RU equip. Rls'd TAC. LD jts. RU rod equip. Rls'd rod, pmp & LD. Drained lines and pmp. RU Hotco oil trk. Pmp'd 100 bbls 180 deg. 10# dn tbg circ to clean rods w/600#. Circ to equalize well. LD rods & pmp. RU HR Turner trk. Mix'd 55 gal surfatron dn 98 dn w/FW to circ well. Circ twice @ 180 deg. POOH w/tbg, TAC & LD. Made up scraper. RIH w/scraper to 6082' & tagged plug. POOH w/tbg & scraper. RIH to 5950' & set CIBP. Unable to set. CIBP fell dn hole. RU Schlumberger trk. Made up CIBP & set @ 5900'. Tagged CIBP. POOH RD WL. RU Hotco Oil trk. Circ well w/9# fluid @ 180 deg. Warmed up rig & pmp. Broke circ. Set 20 sxs 16.4# cmt on top of CIBP. Put 15 gal pkr fluid. Pulled tbg to 3600'. Set 22 sxs cmt plug from 3500-3600' w/15 gal of pkr fluid. Pulled tbg rvs'd clean. WOC. Tagged TOC @ 3492'. Loaded well w/FW. Dug out cellar w/backhoe. ND BOP's & csg WH. NU on 7" csg. RU csg jacks. Removed hanger & worked csg for free point. Fre point @ 1960'. RD csg jacks. NU spool, DSA & BOP. RU equip & rig floor. RU WL trk. RIH & cut 7" csg @ 1970'. POOH. RD WL. Pulled csg free. LD csg & cut w/torch. ND BOP DSA & spool. NU BOP's w/csg WH. RIH to 2020'. Set 50 sxs cmt plug from 1900-2020' w/15 gal pkr fluid. Rvs'd out clean. WOC. Tagged TOC @ 1899'. Pulled tbg to 50'. Set 30 sxs cmt plug from 4'-50' w/10 gal pkr fluid & LD tbg. RD equip & rig floor. BD BOP's. RD derrick. Well plugged and abandoned 1/9/08. All plugs witnessed by state representative. Dry marker will be set at a later date.

NAME (PLEASE PRINT) Sharon Ward

TITLE Permitting Manager

SIGNATURE

Sharon Ward

DATE 1/14/2008

(This space for State use only)

RECEIVED

JAN 16 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

| | | |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Plugged</u> | | 7. UNIT or CA AGREEMENT NAME: |
| 2. NAME OF OPERATOR: Citation Oil & Gas Corp. | | 8. WELL NAME and NUMBER: UPRR 3-1 |
| 3. ADDRESS OF OPERATOR: P O Box 690688 CITY Houston STATE TX ZIP 77269 | | 9. API NUMBER: 4304330312- 13 043 30012 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 535 FNL & 760 FWL | | 10. FIELD AND POOL, OR WILDCAT: Pineview |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 3 2N 7E | | COUNTY: Summit |
| | | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|--|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
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| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input checked="" type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was plugged and abandoned on 1/9/08. The location has since been reclaimed per the surface agreement and is ready for inspection to release this well from our bond.

| | |
|--|---------------------------------|
| NAME (PLEASE PRINT) <u>Sharon Ward</u> | TITLE <u>Permitting Manager</u> |
| SIGNATURE <u><i>Sharon Ward</i></u> | DATE <u>10/27/2009</u> |

(This space for State use only)

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NOV 02 2009
DIV. OF OIL, GAS & MINING