

FILE NOTATIONS

Entered in N I D File

Entered On S R Sheet _____

Location Map Pinned _____

Card Indexed

I W R for State or Fee Land _____

Checked by Chief

Copy N I D to Field Office _____

Approval Letter

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 12-18-77

OW _____ WW _____ TA _____

GW _____ OS _____ PA

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 42-R1599

Serial No. U-10053

ASSIGNMENT AFFECTING RECORD TITLE
TO OIL AND GAS LEASE
PART I

LAND OFFICE USE ONLY

New Serial No.

ROBERT B. STALLWORTH, JR.,
P.O. Box 479,
Dallas, Texas 75221

1.

The undersigned, as owner of 100% percent of record title of the above-designated oil and gas lease issued effective (date) November 1, 1969, hereby transfers and assigns to the assignee shown above, the record title interest in and to such lease as specified below.

2. Describe the lands affected by this assignment (43 CFR 3101.2-3)

Grand County, Utah

Twp. 17 S., Rge. 23 E., SL Mer.

Section 33: NE/4 & W/2 & N/2 SE/4 & SW/4 SE/4

Twp. 18 S., Rge. 23 E., SL Mer.

Section 4: All

3. What part of assignor(s) record title interest is being conveyed to assignee? (Give percentage or share) 100%

4. What part of the record title interest is being retained by assignor(s)? None

5a. What overriding royalty or production payments is the assignor reserving herein? (See Item 4 of General Instructions; specify percentage.) 5%

b. What overriding royalties or production payments, if any, were previously reserved or conveyed? (Percentage only) None

It is agreed that the obligation to pay any overriding royalties or payments out of production of oil created herein, which, when added to overriding royalties or payments out of production previously created and to the royalty payable to the United States, aggregate in excess of 17 1/2 percent, shall be suspended when the average production of oil per well per day averaged on the monthly basis is 15 barrels or less.

I CERTIFY That the statements made herein are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 13th day of August, 1974

MEF Mrs. Mary Ellen Farmer
(Assignor's Signature)

P.O. Box 847,
Ganado, Arizona 86505
(Assignor's Address)

DHF D.H. Farmer
D.H. Farmer, husband of Assignor

Ganado, Arizona 86505
(City) (State) (Zip Code)

Title 18 U.S.C., Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 42-R1599

Serial No. U-25150

New Serial No. U-25180-A

ASSIGNMENT AFFECTING RECORD TITLE
TO OIL AND GAS LEASE
PART I

Robert B. Stallworth, Jr.
930 Hartford Building
Dallas, Texas 75201

The undersigned, as owner of 100 percent of record title of the above-designated oil and gas lease issued effective (date) April 1, 1974, hereby transfers and assigns to the assignee shown above, the record title interest in and to such lease as specified below.

2. Describe the lands affected by this assignment (43 CFR 3101.2-3)

Township 17 South, Range 23 East, Grand County, Utah
Section 33: SE $\frac{1}{4}$ SE $\frac{1}{4}$

Containing 40.00 acres

3. What part of assignor(s) record title interest is being conveyed to assignee? (Give percentage or share) 100%

4. What part of the record title interest is being retained by assignor(s)? None

5a. What overriding royalty or production payments is the assignor reserving herein? (See Item 4 of General Instructions) Five and three-quarters percent (5 3/4%) of 8/8ths overriding

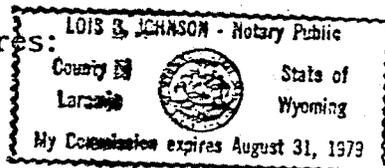
STATE OF Wyoming }
COUNTY OF Laramie }

The foregoing instrument was acknowledged before me by MAURICE H. BROWN

this 15th day of October, 1975.

Witness my hand and official seal.

My commission expires:



Lois B. Johnson
Notary Public

Cheyenne, Wyoming
(City) (State) (Zip Code)

DIVISION OF OIL AND GAS CONSERVATION
OF THE STATE OF UTAH

DESIGNATION OF AGENT

* * * * *

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations and Rules of Practice and Procedure of the Division of Oil and Gas Conservation of the State of Utah, hereby appoint C T Corporation System, whose address is 175 So. Main St., c/o C T Corporation System, Salt Lake City, Utah 84111, (his, her or its) designated agent to accept and to be served with notices from said Board, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation of agent is filed in accordance with said statute and said regulations.

Effective date of designation October 19, 1976.

Company Robert B. Stallworth, Jr.

Address P. O. Box 479, Dallas, Texas 75221

By Robert B. Stallworth, Jr. Title Owner
(signature)

Gordon Engineering, Inc.

Consulting Engineers
Specialists in Oil & Gas

P. O. Box 3052
822 North Avenue
Grand Junction, Colo. 81501
(303) 245-1958

October 19, 1976

RE: Robert B. Stallworth, Jr.
Federal Well No. 4-1
667'FNL, 1027'FEL, Sec. 4-
18S-23E Pear Park Gas Field
Grand County, Utah

Mr. Cleon B. Feight, Director
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

We are enclosing an Application for a Permit to Drill the above referenced well for your review and approval. Should you have any questions or need additional information, please contact me at (303) 245-1958 or residence (303) 243-9599.

Very truly yours,



John I. Gordon

JIG/dll
Enclosure
cc: Mr. R. B. Stallworth, Jr.



*Outside spaced
Area (ventilator)
Cause 47-2
Does not fit
File C3*

October 26, 1976

Robert B. Stallworth, Jr.
P.O. Box 3052
Grand Junction, Colorado 81501

Re: Well No. Federal #4-1
Sec. 4, T. 18 S, R. 23 E,
Grand County, Utah

Gentlemen:

We are in receipt of your "Application for Permit to Drill" for the above referred to well.

However, as said well is outside of the spaced area in Cause No. 47-2, the site falls under Rule C-3, of the General Rules and Regulations. Therefore, as said location does not conform to said rule, it will be necessary for you to submit to this office written notification as to your reasons for this unorthodox location.

In addition, it will be necessary to further submit a statement indicating that your company owns or controls all acreage within a 660 foot radius of the proposed site.

Should you have any questions relative to the above, please do not hesitate to call.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw

Gordon Engineering, Inc.

Consulting Engineers
Specialists in Oil & Gas

P. O. Box 3052
822 North Avenue
Grand Junction, Colo. 81501
(303) 245-1958

October 29, 1976

RE: Robert B. Stallworth, Jr.
Federal Well No. 4-1
Sec. 4, T18S, R23E
Grand County Utah

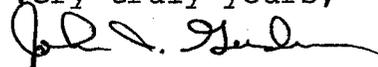
Mr. Cleon B. Feight, Director
Utah Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

We are in receipt of your letter dated October 26, 1976, stating that the above referenced well is not in conformance with Rule C-3 of the General Rules and Regulations. The terrain surrounding this location is extremely rough and it is impossible to find a location in the immediate vicinity that will conform to Rule C-3. To illustrate the topography, we are attaching a copy of a topographical map with the location shown on it.

In addition, we are submitting a copy of two assignments showing Mr. Stallworth's Acreage. This includes all of Sec. 4, T18S, R23E and all of Sec. 33, T17S, R23E. We therefore request your approval of this location based on topographical reasons, and should you need additional information or have any questions, please contact me at (303) 245-1958 or my residence (303) 243-9599.

Very truly yours,



John I. Gordon

JIG/dll
Enclosure

cc: Robert B. Stallworth, Jr.



CIRCULATE TO:

DIRECTOR _____
PETROLEUM ENGINEER _____
MINE COORDINATOR _____
ADMINISTRATIVE ASSISTANT _____
ALL _____

RETURN TO Scherer
FOR FILING

Gordon Engineering, Inc.

Consulting Engineers
Specialists in Oil & Gas

P. O. Box 3052
822 North Avenue
Grand Junction, Colo. 81501
(303) 245-1958

November 1, 1976

RE: Robert B. Stallworth, Jr.
Federal Well No. 4-1
Grand County, Utah

Mr. Cleon B. Feight, Director
Utah Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

We are enclosing a Designation of Agent form in duplicate designating the C.T. Corporation System as legal agent for Robert B. Stallworth, Jr. for your files.

Very truly yours,



John I. Gordon

JIG/d11
Enclosures

cc: Robert B. Stallworth, Jr.



DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: Nov. 4, 1976
 Operator: Robert B. Stallworth
 Well No: Federal 4-1
 Location: Sec. 4 T. 18S R. 23E County: Grand

File Prepared Entered on N.I.D.
 Card Indexed Completion Sheet

Checked By:
 Administrative Assistant: JW

Remarks:

Petroleum Engineer/Mined Land Coordinator: Ok Part

Remarks:

Director: 2

Remarks:

*10%
 Except
 O.K.*

Include Within Approval Letter:

Bond Required Survey Plat Required
 Order No. _____ Blowout Prevention Equipment
 Rule C-3(c) Topographical exception/company owns or controls acreage
 within a 660' radius of proposed site
 O.K. Rule C-3 O.K. In _____ Unit
 Other:

*Need designation of Agent. Letter Written within 48 hours
 Include - Notification of Spilling in required*

November 5, 1976

Robert B. Stallworth, Jr.
P.O. Box 3052
Grand Junction, Colorado 81501

Re: Well No. Federal #4-1
Sec. 4, T. 18 S, R. 23 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), 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:

PATRICK L. DRISCOLL-Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-019-30322.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FREIGHT
Director

/sw
cc: U.S. Geological Survey

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

#299

ATTACHMENT 2-A

Robert Stallworth, Jr
 Well # 4-1
 NE/NE SEC 4
 T188-R23E
 GRAND CO. UTAH
 Stallworth - J. Gordon
 BLM - D. Nagele
 USGS - B. FIANT

- ENHANCES
- NO IMPACT
- MINOR IMPACT
- MAJOR IMPACT

| Construction | Pollution | Drilling Production | Transport Operations | Accidents | Others |
|---|---|---|----------------------|------------------|---------------------|
| Roads, bridges, airports | Burning, noise, junk disposal | Well drilling | Trucks | Spills and leaks | Operational failure |
| Transmission lines, pipelines | Liquid effluent discharge | Fluid removal (Prod. wells, facilities) | Pipelines | | |
| Dams & impoundments | Subsurface disposal | Secondary Recovery | Others | | |
| Others (pump stations, compressor stations, etc.) | Others (toxic gases, noxious gas, etc.) | Noise or obstruction of scenic views | | | |
| | | Mineral processing (ext. facilities) | | | |
| | | Others | | | |

| | | | | | |
|----------------------------|---|-------------|---|---|--|
| Forestry | / | / | | | |
| Grazing | / | / | | | |
| Wilderness | / | / | | | |
| Agriculture | / | / | | | |
| Residential-Commercial | / | / | | | |
| Mineral Extraction | / | / | | | |
| Recreation | / | 0 | | | |
| Scenic Views | / | / | / | / | |
| Parks, Reserves, Monuments | / | / | / | / | |
| Historical Sites | / | NO EVIDENCE | | | |
| Unique Physical Features | / | / | / | / | |
| Birds | / | / | / | / | |
| Land Animals | / | / | / | / | |
| Fish | / | / | / | / | |
| Endangered Species | / | NONE KNOWN | | | |
| Trees, Grass, Etc. | / | / | / | / | |
| Surface Water | / | / | / | / | |
| Underground Water | / | / | / | / | |
| Air Quality | / | / | / | / | |
| Erosion | / | / | / | / | |
| Other | / | / | / | / | |
| Effect On Local Economy | 0 | 0 | 0 | 0 | |
| Safety & Health | / | / | / | / | |
| Others | Orig: Felt CC: Reg - Danner BLM Mark Wyoming Utah Dept | | | | |

Lease: - U-10053

Well No. & Location # 4-1, NE/NE Sec. 4 T188-R23E

GRAND County, UTAH

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Robert B. Stallworth, Jr. PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 7050 FT. TD. 2) TO CONSTRUCT A DRILL PAD 175 FT. X 250 FT. AND A RESERVE PIT 20 FT. X 80 FT. 3) TO CONSTRUCT 1.8 FT. X 1 1/4 MILES ACCESS ROAD AND UPGRADE - FT. ~~X~~ MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

The proposed well site is located in the Book Cliff Mountain Area approx 34 miles north east of Mack, Colorado.

The area is generally extremely rough & rugged with steep ridges, deep canyons & numerous exposed rock outcroppings & surface boulders. The site itself sets on a narrow ridge running north/south.

The access road will require steep cuts & probably some blasting to construct.

There is very little top soil & the area appears to be stable, therefore the erosion potential should not be critical.

Vegetation consists of Pinion-juniper trees (heavy) some sparse shrubs & native grasses in the flatter areas.

Wild life found in the area is sparse during the summer months because of the lack of water. Mule deer migrate into the area during the late fall & winter months. Also Black Bear, mountain lion, rabbits & other small rodents & birds inhabit the area. There was no evidence of any historical or archeological sites near the area to be disturbed.

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) THERE ARE NO ROADS INTO THIS AREA & BECAUSE OF STEEP RIDGES & CANYONS DRILL SITES HAVE TO BE CONSTRUCTED ~~WHERE~~ WHERE-EVER POSSIBLE. THIS WELL FALLS INTO THAT CATEGORY.

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. Determination

(This requested action ~~does~~ (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 11-11-76

Inspector Bill [Signature]

[Signature]
U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

U-10053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#4-1

10. FIELD AND POOL, OR WILDCAT

Pear Park

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

Sec. 4, T18S, R23E, SLB & I

12. COUNTY OR PARISH 13. STATE

Grand Utah

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

Robert B. Stallworth, Jr.

3. ADDRESS OF OPERATOR

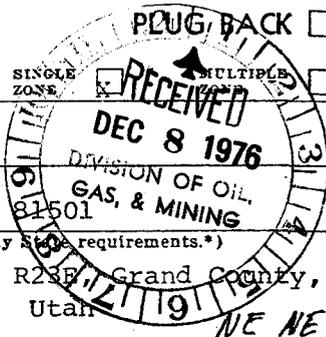
P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 667' FNL, 1027' FEL, Sec. 4, T18S, R23E, Grand County, Utah

At proposed prod. zone

NA



14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 34 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

1027'

16. NO. OF ACRES IN LEASE

1240

17. NO. OF ACRES ASSIGNED TO THIS WELL

--

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

7050'

20. ROTARY OR CABLE TOOLS

Rotary

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

6496' G.L.

22. APPROX. DATE WORK WILL START*

November 10, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 12-1/4" hole, 9-5/8" casing, 36# weight, 200 ft. setting, and cement to surface w/regular.

Approval notice - Utah DORM

We propose to rig up and drill a 12-1/4" hole to approximately 200 ft. and set 9-5/8"-36# new K-55 Range 2 (30 ft. joints) surface casing. After nipping up, the surface casing and BOP's will be pressure tested to 500 psi. The shoe will be drilled out and an 8-3/4" hole will be drilled to about 2500 ft. using a water-base chemical-gel mud. New 7"-20# K-55 Range 2 intermediate casing will be run and cemented. After nipping up, the casing and BOP's will be pressure tested to 500 psi. The shoe will be drilled out and a 6-1/4" hole will be drilled to about 7050 ft. using air as the drilling fluid. Should the well be productive, 4-1/2"-10.5# and 11.6# new K-55 Range 2 casing will be run and cemented. It will then be perforated, tested, and stimulated if necessary. If the well is non-productive, permission will be secured and the well plugged and abandoned. Potentially productive intervals are the Dakota, Cedar Mountain, Morrison, and Entrada formations. Wellhead equipment will consist of 3000 psi working pressure Series 900 flanged equipment. Blowout prevention equipment will consist of a Shaffer 10" Series 900 flanged tandem stacked double ram hydraulic actuated type with an accumulator and controls for off the floor operation. Blind

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: John D. Jordan TITLE: Consulting Engineer DATE: 10-12-76

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY (ORIG. SGD.) E. W. GUYNN TITLE: DISTRICT ENGINEER DATE: DEC 06 1976

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

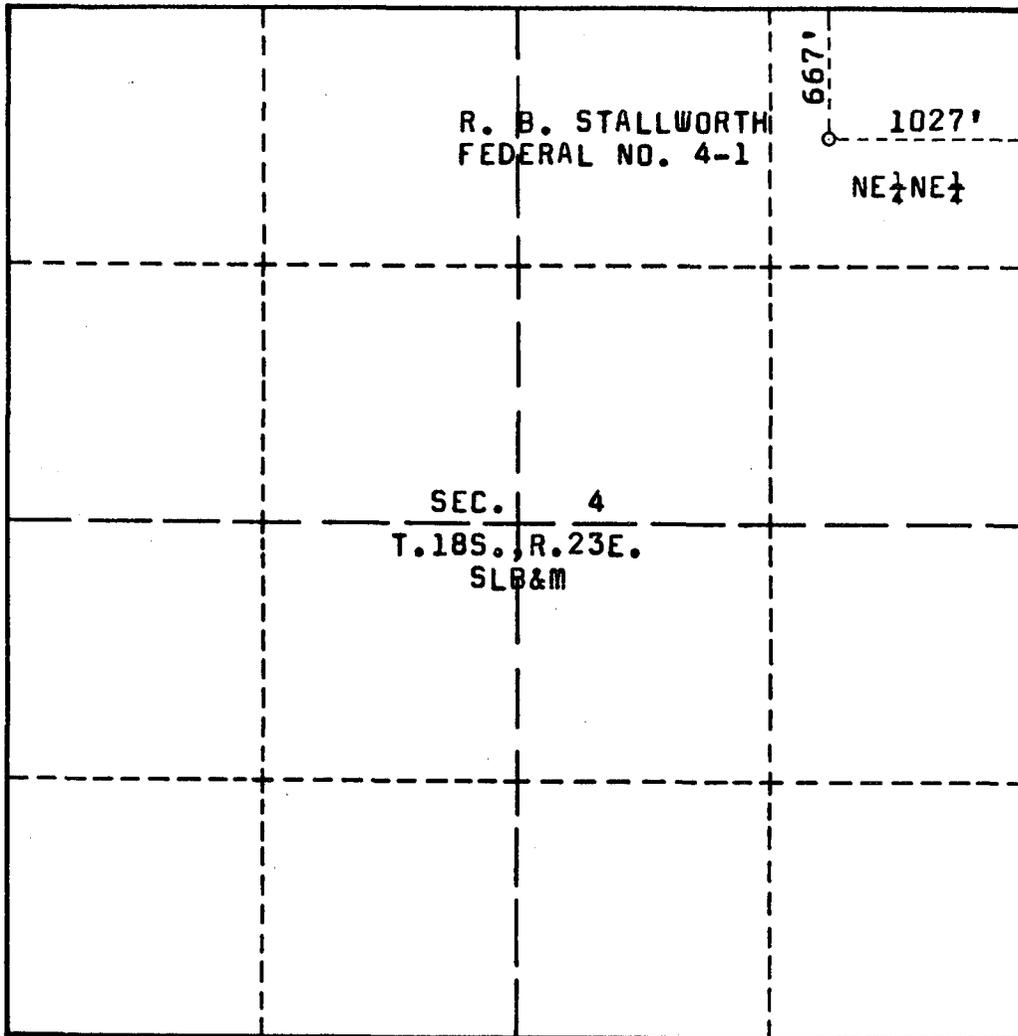
Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

• GPO 762-331

rams, 3-1/2" pipe rams, and a positive and adjustable choke will be installed. Any spools will be a 10" or 7" Series 900 flanged and any flanges will be Series 900. Operation of the BOP equipment will be checked daily, and the blind rams closed at every opportunity. Air is to be used as the drilling medium and a rotating head, a float at the bit, and a string float will be used. Other safety equipment consists of a Kelly Cock and a full opening valve on the floor. No cores are anticipated as the well will be tested continuously by air drilling. Maximum anticipated pressures will be 1400 to 1600 psig in the Dakota-Morrison group and should require no more than normal mud weights to control the well. Logging program will consist of an IES and a FDC-CNL porosity log and the intermediate portion will not be logged unless such is requested. Operations should be completed within 120 days after the date shown and your office will be notified if any changes in this program are required by drilling conditions. Estimated geological markers are:

| | |
|------------|---------|
| Mesa Verde | Surface |
| Dakota | 6196' |
| Morrison | 6356' |
| Entrada | 6996' |

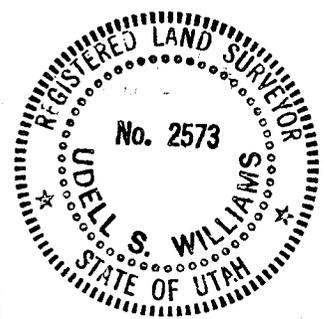


SCALE: 1" = 1000'

R. B. STALLWORTH
FEDERAL NO. 4-1

Located South 667 feet from the North boundary and West 1027 feet from the East boundary of Section 4, T.18S., R.23E., SLB&M.

Groundline Elev. 6496



SURVEYOR'S CERTIFICATE

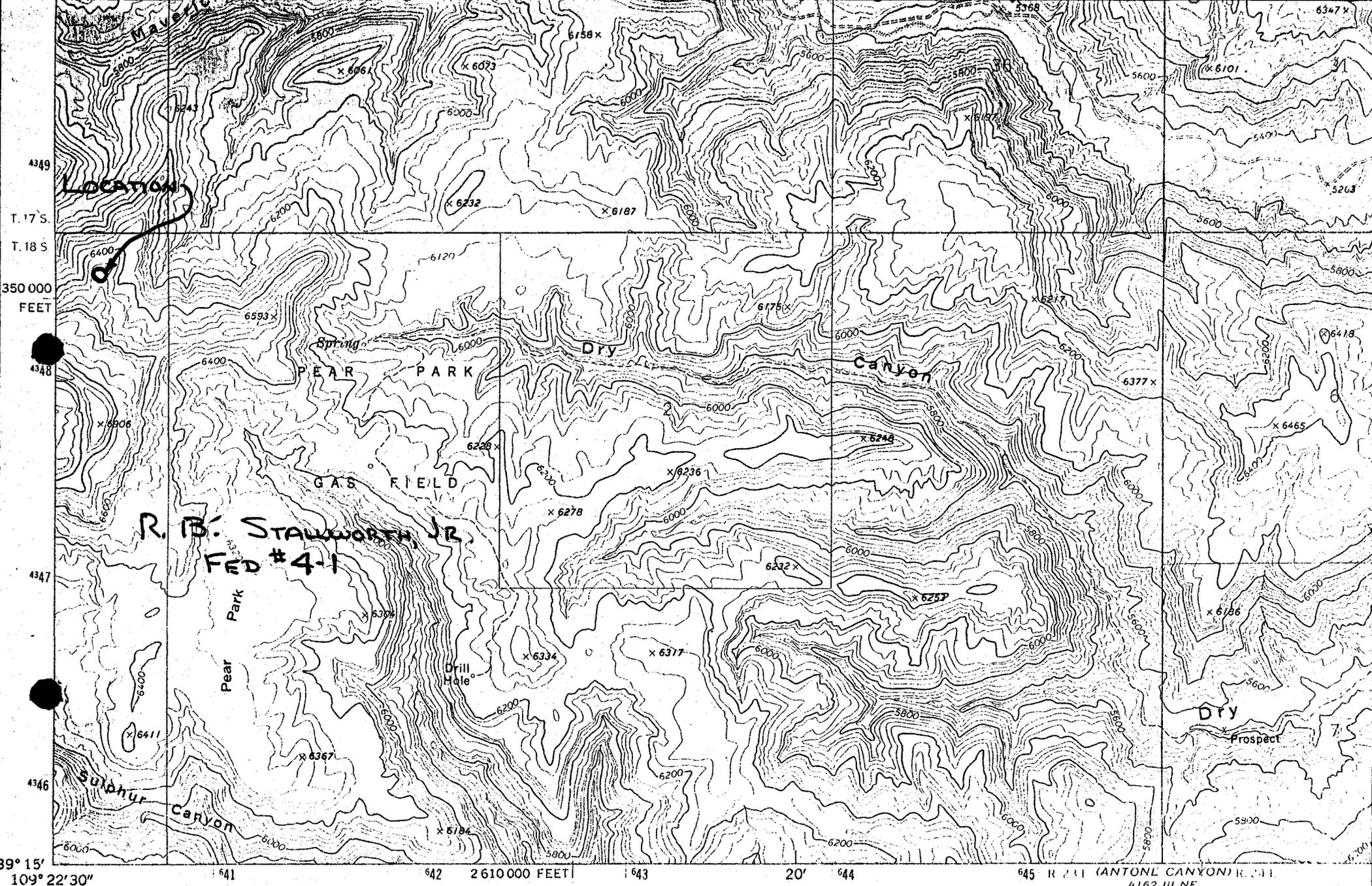
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

[Signature]
UTAH R.L.S. NO. 2573

UDELL S. WILLIAMS
781 ROOD AVENUE
GRAND JUNCTION, COLORADO
81501

PLAT OF
PROPOSED LOCATION
R.B. STALLWORTH FED. #4-1
NE 1/4 NE 1/4 SEC. 4
T.18S., R.23E., SLB&M

SURVEYED BY: USW DATE: 9/23/76
DRAWN BY: USW DATE: 9/25/76

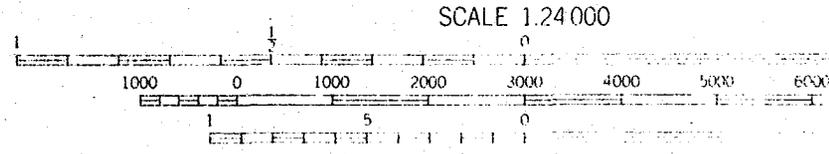
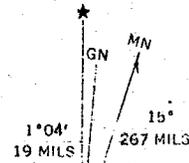


Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1969. Field checked 1970

Polyconic projection. 1927 North American datum
 10,000-foot grid based on Utah coordinate system, central zone
 1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue



CONTOUR INTERVAL 40 FEET
 DATUM IS MEAN SEA LEVEL

CIRCULATE TO:

DIRECTOR _____
 PETROLEUM ENGINEER _____
 MINE COORDINATOR _____
 ADMINISTRATIVE ASSISTANT _____
 ALL _____
 RETURN TO Kathy Wells
 FOR FILING

December 20, 1977

Memo To File:

DR

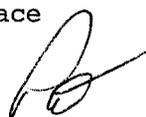
Re: Robert Stallworth
 Federal 4-1
 Sec. 4, T. 18S, R. 23E,
 Grand County, Utah

Verbal permission was given to plug and abandon this dry hole. The total depth was 7050'. 9 5/8" casing is set at 174' and cemented to surface. 7" intermediate string is set at 2888' and cemented with 100 sacks cement. Significant tops are:

Castlegate - 2290'
 Dakota - 6160'
 Mancos - 6361'
 Entrada - 6950'

The plugs set will be as follows:

50 sacks 6850'-7050'
 25 sacks 6400'-6500'
 25 sacks 5600'-5800'
 50 sacks Half in and half out of 7" casing
 10 sacks Surface


 PATRICK L. DRISCOLL
 CHIEF PETROLEUM ENGINEER

PLD/ko

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)
(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

PWA

Lease No. U-10053
Communitization Agreement _____
Field Name Pear Park
Unit Name _____
Participating Area _____
County Grand State Utah
Operator Robert B. Stallworth, Jr.
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 1977

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|----------|-------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|---|
| 4-1 | NE 1/4 NE 1/4 | 18S | 23E | DRG | None | None | None | None | Well spudded @ 12:00 p.m. 12-1-77. Well P + A on 12-18-77. |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLs) | Gas (MCF) | Water (BBLs) |
|--------------------------|-------------------------|--------------------|--------------------|
| *On hand, Start of Month | None | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | None | None | None |
| *Sold | None | None | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | None | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | None | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | None | None | XXXXXXXXXXXXXXXXXX |
| *Injected | None | None | None |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | None |
| *Other (Identify) | None | None | None |
| *On hand, End of Month | None | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | None | None | XXXXXXXXXXXXXXXXXX |

Authorized Signature: John W. Gordon jr Address: PO Box 3052, Grand Junction, Colo. 81501
Title: Consulting Engineer Page _____ of _____

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-R355.5

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
Robert B. Stallworth, Jr.

3. ADDRESS OF OPERATOR
P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **667' FNL, 1027' FEL, Sec. 4, T18S, R23E**
At top prod. **Grand County, Utah**
At total depth _____

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

U-10053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

4-1

10. FIELD AND POOL, OR WILDCAT

Pear Park

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

Sec. 4, T18S, R23E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

15. DATE SPUNDED **12-1-77** 16. DATE T.D. REACHED **12-18-77** 17. DATE COMPL. (Ready to prod.) **P + A** 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* **6496' G.L.** 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD **7050'** 21. PLUG, BACK T.D., MD & TVD **P + A** 22. IF MULTIPLE COMPL., HOW MANY* **--** 23. INTERVALS DRILLED BY **ROTARY TOOLS XX** CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None - Plugged and abandoned

25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction, Gamma-Ray FDC-CNL, Fracture Indicator

27. WAS WELL CORED **No**

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# | 173' | 12-1/4" | 440 Sx reg.+ 3% CaCl ₂ | None |
| 7" | 23# | 2589' | 8-3/4" | 50 Sx RFC 100 Sx RFC | 748' |

29. LINER RECORD 30. TUBING RECORD

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

31. PERFORATION RECORD (Interval, size and number)
Plugs @ 6850'-7050' 50 Sx
6400'-6500' 25 Sx
5800'-5900' 25 Sx
2400'-2600' 50 Sx
650'-750' 50 Sx
100'-180' 50 Sx 10 Sx surface w/regulation marker

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) _____ AMOUNT AND KIND OF MATERIAL USED _____

33. PRODUCTION

DATE FIRST PRODUCTION **P + A** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **P + A** WELL STATUS (Producing or shut-in) **P + A**

DATE OF TEST _____ HOURS TESTED _____ CHOKE 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.) _____ TEST WITNESSED BY _____

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 John S. Gordon TITLE **Consulting Engineer** DATE **12-22-77**

*(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 88, 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.

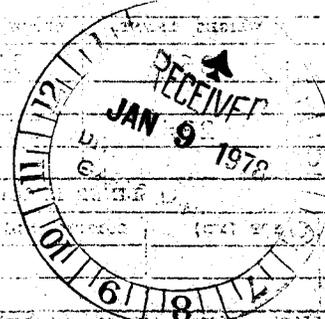
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments, **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state 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. | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
|-----------|-------|--------|---|------------|-------------|------------------|
| Morrison | 6540' | | Wireline test. SIP 2000 psig. Recovered 3-3/4 gal. mud filtrate. | Castlegate | 2200' | |
| | 6692' | | Wireline test. No recovery. | Dakota | 6160' | |
| | 6731' | | Wireline test. No recovery. | Morrison | 6331' | |
| | 6765' | | Wireline test. No recovery. | Entrada | 6950' | |



PKA

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

P
12

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Federal #4-1

Operator Robert B. Stallworth, Jr.

Address P. O. Box 3052, Grand Junction, Colorado 81501

Contractor Willard Pease Drilling Co.

Address P. O. Box 548, Grand Junction, Colorado 81501

Location NE 1/4 NE 1/4; Sec. 4; T. 18 N; R. 23 E; Grand County
S XX

Water Sands:

| | <u>Depth:</u> | | <u>Volume:</u> Flow Rate or Head - | <u>Quality:</u> Fresh or Salty - |
|----|--------------------|------|--|-------------------------------------|
| | From - | To - | | |
| 1. | <u>0'-173'</u> | | <u>None</u> | |
| 2. | <u>173'-2589'</u> | | <u>None</u> | |
| 3. | <u>2589'-6530'</u> | | <u>None</u> | |
| 4. | <u>6530'</u> | | <u>Water encountered Flow rate unknown</u> | <u>Unknown</u> |
| 5. | <u>6530'-7050'</u> | | <u>Unknown</u> | |

(Continue on Reverse Side if Necessary)

Formation Tops:
Castlegate 2200'
Dakota 6160'
Morrison 6331'
Entrada 6950'

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
 - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-10053

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

4-1

10. FIELD AND POOL, OR WILDCAT

Pear Park

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

Sec. 4, T18S, R23E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

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 Dry Hole

2. NAME OF OPERATOR
Robert B. Stallworth, Jr.

3. ADDRESS OF OPERATOR
P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
667' FNL, 1027' FEL, Sec. 4, T18S, R23E, Grand County, Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6496' G. L.

16. 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.)*

Well spudded @ 12:00 p.m. 12-1-77.

9-5/8" - 36# surface casing set @ 174' w/440 Sx regular + 3% CaCl₂ and 50 sx RFC.

7" - 23# intermediate casing set @ 2589' w/100 sx RFC. Pulled 748'.

TD 7050', drilled with air to 6520' and encountered water.

| | | |
|--------------------|-------------------|--|
| <u>Formations:</u> | <u>Plugs @:</u> | <u>Wireline Tests @:</u> |
| Castlegate: 2200' | 6850'-7050' 50 Sx | 6540' SIP 2000#. Rec. 3-3/4 gal. mud filtrate. |
| Dakota: 6160' | 6400'-6500' 25 Sx | 6692' No recovery. |
| Morrison 6331' | 5800'-5900' 25 Sx | 6731' No recovery |
| Entrada: 6950' | 2400'-2600' 50 Sx | 6765' No recovery |
| | 650'- 750' 50 Sx | |
| | 100'- 180' 50 Sx | |

Surface: 10 Sx w/regulation marker

Oral approval obtained from E.W. Gynn on 12-17-77 @ 2:15 p.m.

Operations complete @ 7:00 p.m. 12-18-77.

Reclamation and restoration of location should be completed by 11-1-78.

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

SIGNED John D. Gordon TITLE Consulting Engineer DATE 12-22-77

(This space for Federal or State office use)

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

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: Jan 9, 1978

BY: Ph. [Signature]

*See Instructions on Reverse Side



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

CLEON B. FEIGHT
Director

March 28, 1978

Robert B. Stallworth, Jr.
P. O. Box 3052
Grand Junction, Colorado 81501

Re: ROBERT B. STALLWORTH, JR.
WELL NO. FEDERAL 4-1
SEC. 4, T. 18S., R. 23E.
GRAND COUNTY, UTAH

Gentlemen:

This letter is to advise you that the electric and or radioactivity logs for the above referred to well(s) are due and have not been filed with this office as required by our rules and regulations.

If electric and/or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Ostler

KATHY OSTLER
RECORDS CLERK



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

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CLEON B. FEIGHT
Director

March 28, 1978

Mr. George Schlick
Anchutz Corporation
517 Seventeenth Street
Suite 1110
Denver, Colorado 80202

Re: ELECTRIC LOGS

Dear Mr. Schlick:

Please accept my apology for the delay in mailing the enclosed electric logs.

I have also enclosed a copy of the letter to Robert B. Stallworth requesting the electric logs for his Federal 4-1 well. I will copy and mail them to you as soon as they come in.

If this Division can be of any assistance in the future, please feel free to contact me at the above address or by telephone, again I am sorry for the delay in getting this material to you.

Sincerely,

KATHY S. WELLS
SECRETARY