

FILE NOTATION

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

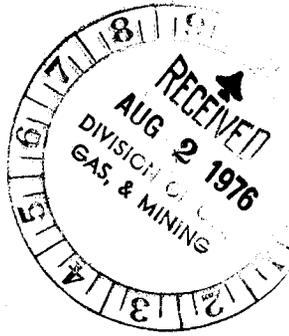
Date Well Completed *2/19/78*
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.) *1*.....
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

Dixel Resources Incorporated



July 30, 1976

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

Gentlemen:

Enclosed you will find the Designation of Agent representing Dixel Resources Incorporated. If further information is needed, please contact me.

Sincerely,

DIXEL RESOURCES INCORPORATED

James T. Walters

James T. Walters *tk*
Operations Manager

JTW:tk

Enclosures (2)

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 Frank P. Turner, whose address is 2794 E. Apple Blossom Ln., Salt Lake City, UT 84117 (~~XXXXXXXXXX~~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 accordance with said statute and said regulations.

Effective date of designation August 1, 1976

Company Dixel Resources Incorporated Address 4545 Post Oak Pl., Houston, TX 77027

By  Title Operations Manager
(signature)

James T. Walters

NOTE: Agent must be a resident of the State of Utah.

Dixel Resources Incorporated

Rocky Mountain District

August 3, 1976



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

Re: Single Well Utah Bond #197E894-2,
State of Utah Oil & Gas Lease ML-27303,
Juab County, Utah.

Gentlemen:

Enclosed for approval is Bond #197E894-2 in the amount of \$5,000.00 for a single well to be located in the NE NE of Section 15, Township 16 North, Range 1 East, Juab County, Utah, on State of Utah Oil and Gas Lease ML-27303.

If you need any further information, please advise.

Sincerely,

DIXEL RESOURCES INCORPORATED

H. Glenn Richards
District Geologist

HGR: jh
enclosure

*Send Sent To
State Lands
8/6/76
J. Wilcox*

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

5. Lease Designation and Serial No.

ML 27303

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Gunnison ✓

9. Well No.

1 ✓

10. Field and Pool, or Wildcat

Wildcat ✓

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

Sec. 15, T16S., R1E SLB & M ✓

12. County or Parrish 13. State

Juab

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

Dixel Resources Incorporated

3. Address of Operator

4545 Post Oak Place, Houston, TX 77027

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

At surface 656' FNL, 1018' FEL, Sec 15, T16S, R1E, S.L.B. & M.

At proposed prod. zone

Same as above

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

13.5 miles Southwest of Wales, Utah

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

656'

16. No. of acres in lease

2,177.74

17. No. of acres assigned to this well

640

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

None in area

19. Proposed depth

18,000

20. Rotary or cable tools

Rotary

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

Ungraded GL = 7780 (anticipate 4 foot cut)

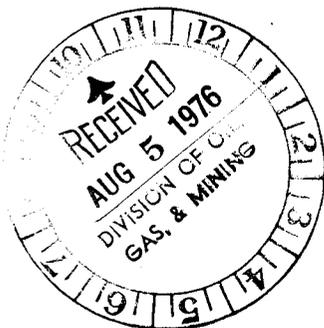
22. Approx. date work will start*

9/1/76

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
46"	40"	Culvert	25'	Premix to Surface ✓
36"	30"	1/2" wall, grade B	300'	660 sacks ✓
26"	20"	133#	3,500'	4850 sacks ✓
17 1/2"	13-3/8 - 13 1/2"	72 - 81#	9,500'	800 sacks ✓
12 1/4"	9-7/8"	62.8#	11,500	2220 sacks ✓
8 1/2"	5 1/2"	20 - 23#	18,000	1300 sacks ✓



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. *[Signature]*

Signed H. W. Addington

Title Consulting Engineer

Date 8/4/76

for Frank Turner

Designated Agent

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

T16S, R1E, S.L.B. & M.

PROJECT

DIXEL RESOURCES INCORPORATED

Well location, located as shown in the
NE 1/4 NE 1/4 Section 15, T16S, R1E,
S.L.B. & M. JUAB County, Utah.

#1 Gunnison State

NOTE

PLAT REVISED TO SHOW LOCATION &
ELEVATION AFTER CONSTRUCTION. 10/29/76



CERTIFICATE

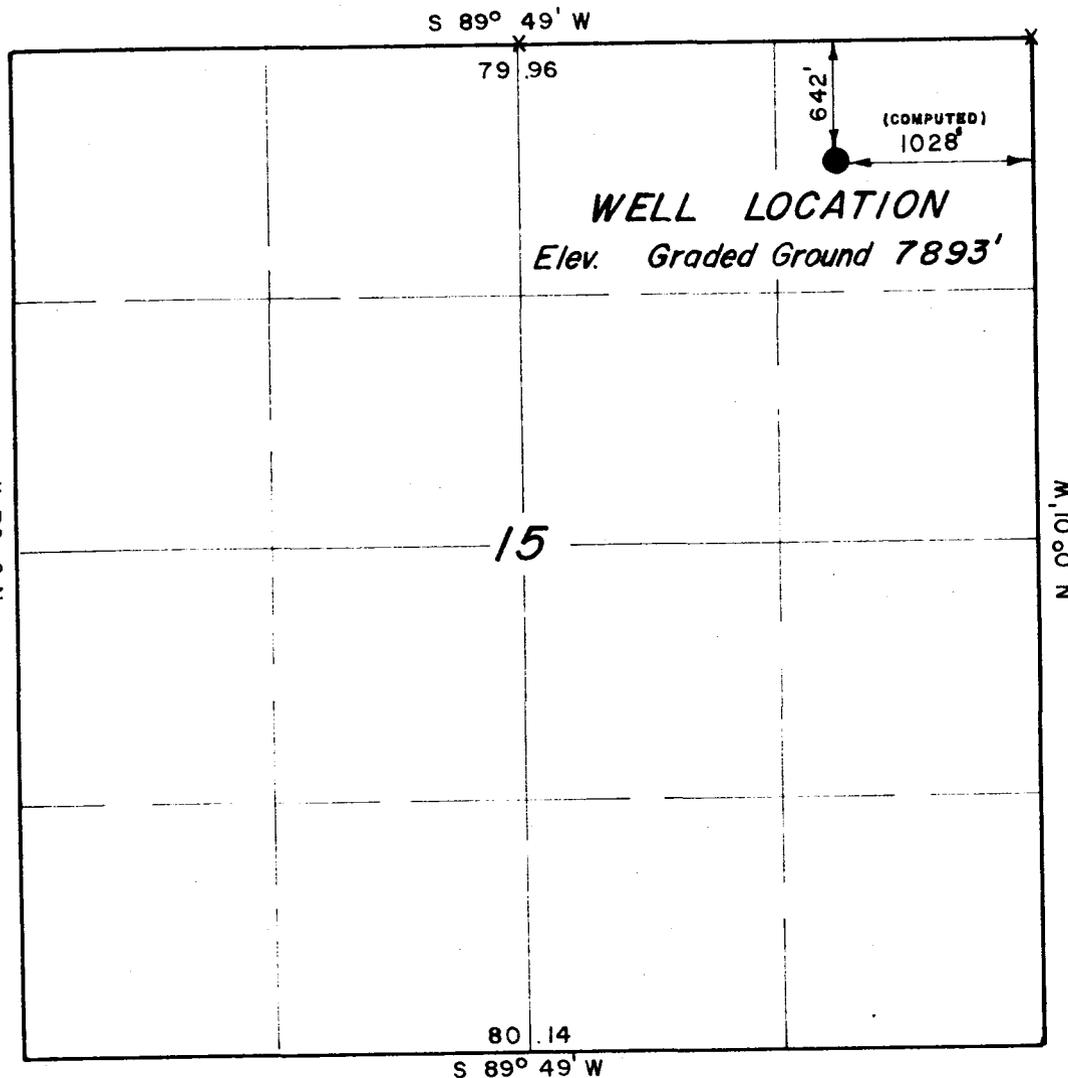
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

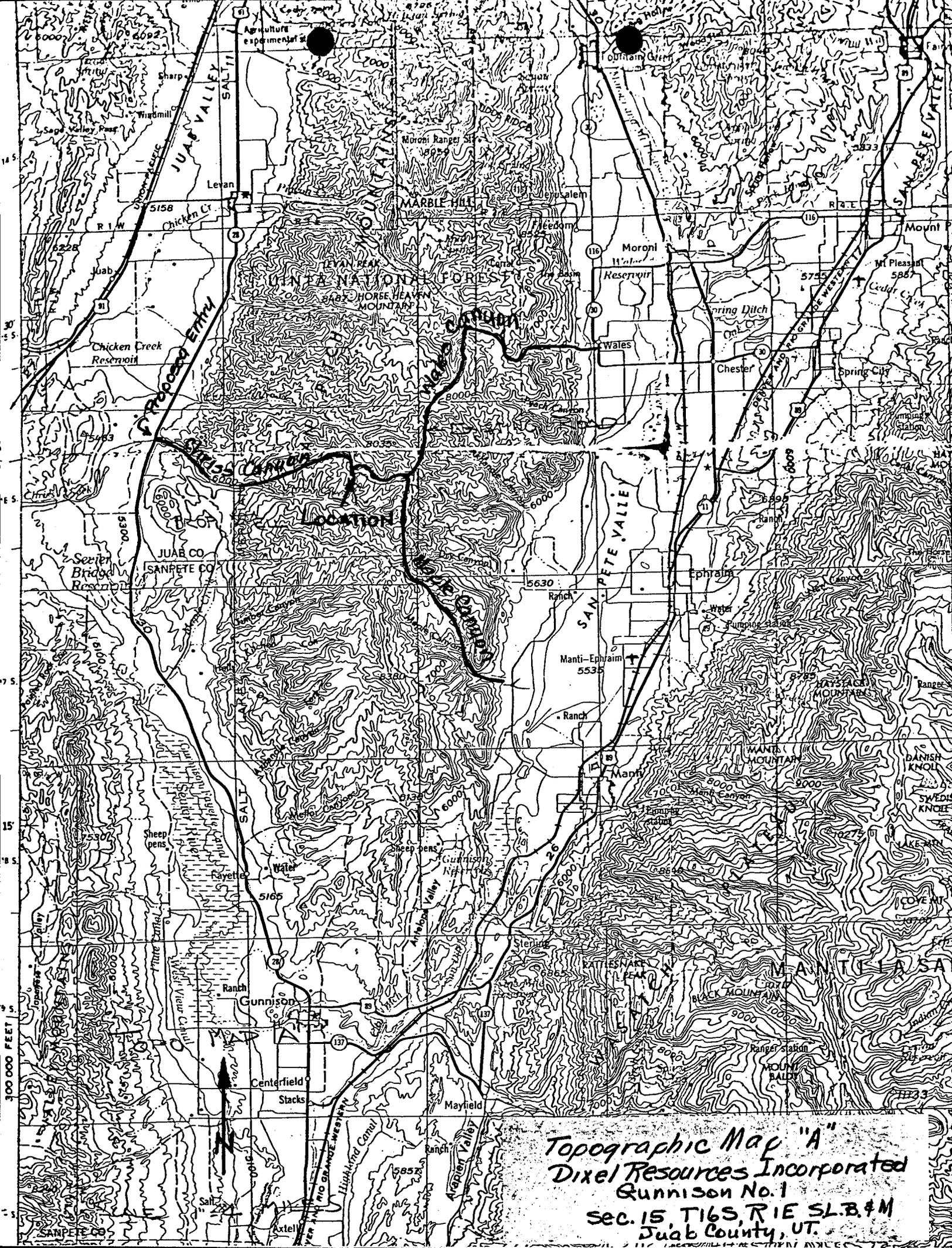
UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7/29/76
PARTY G. STEWART M. STEWART S. STEWART	REFERENCES GLO PLAT
WEATHER HOT	FILE DIXEL RESOURCES INC.



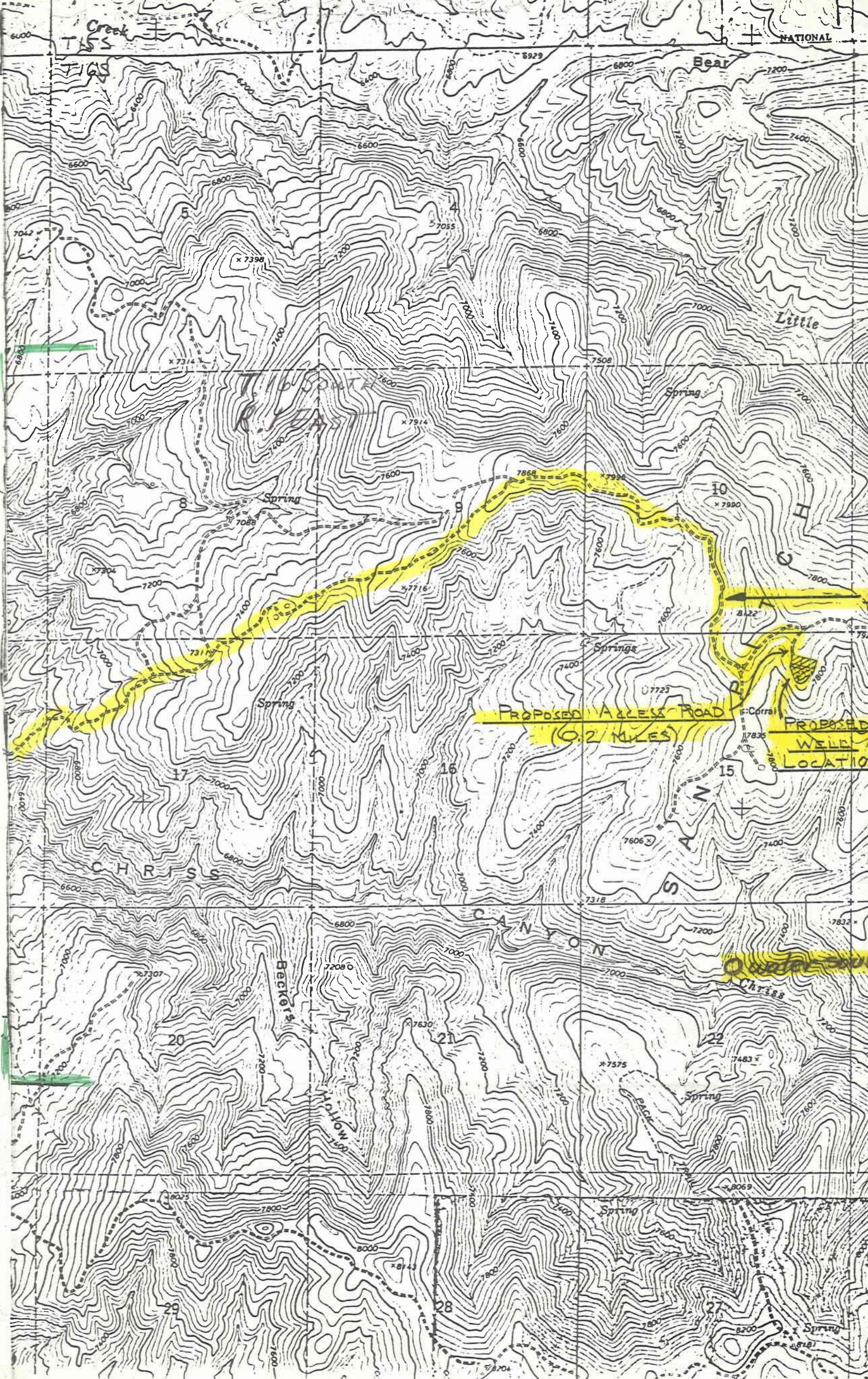
WELL LOCATION
Elev. Graded Ground 7893'

X = Section corners located.



Topographic Map "A"
Dixel Resources Incorporated
Gunnison No. 1
Sec. 15 T16S, R1E SLB #M
Juab County, UT.

S.R. #28 A 4 MILES



NATIONAL

Creek

Bear

Little

PROPOSED ACCESS ROAD
(0.2 MILES)

PROPOSED
WELD
LOCATION

CHRIS

CANYON

CHRIS

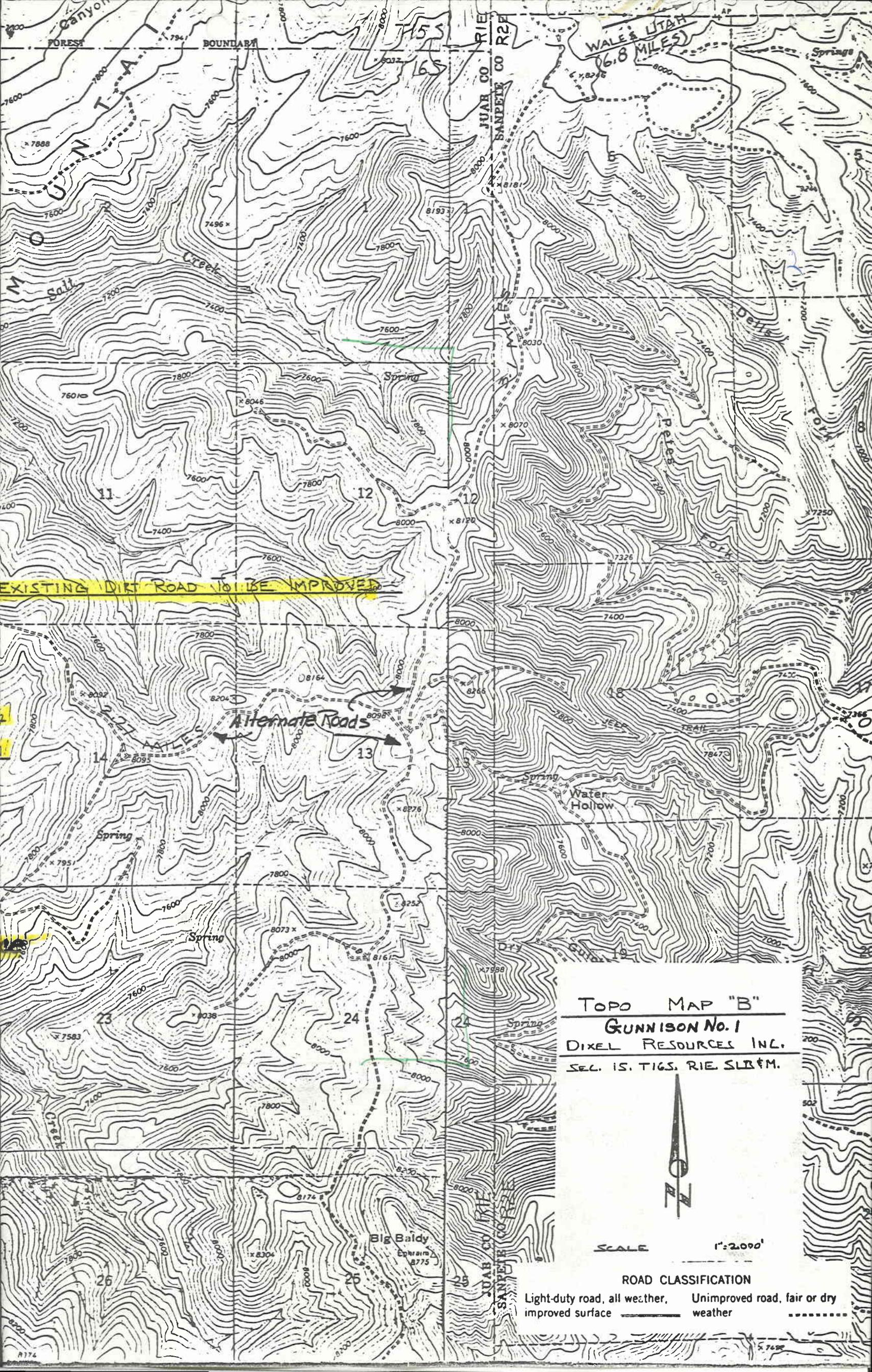
Becker's

VALLEY

Spring

Spring

Spring



EXISTING DIRT ROAD TO BE IMPROVED

Alternate Roads

TOPO MAP "B"
 GUNNISON No. 1
 DIXEL RESOURCES INC.
 SEC. 15, T16S, R1E, S1B&M.



SCALE 1" = 2,000'

ROAD CLASSIFICATION
 Light-duty road, all weather, improved surface  Unimproved road, fair or dry weather 

Associated Oil & Gas Engineers

Rocky Mountain Center

620 Petroleum Club Building
Denver, Colorado 80202

H. W. Addington

Office: (303) 222-9076 (24 hour)
Home: (303) 755-4309

DIXEL RESOURCES INCORPORATED

12 Point Surface Use Plan
for
Gunnison No. 1

Located in

Sec. 15, T16S, R1E, S.L.B. & M

Juab County, Utah

1. EXISTING ROADS

See attached topographic Map "A" to reach Dixel Resources Incorporated Gunnison No. 1 well, NE NE Section 15, T16S, R1E, S. L. B. & M. Also proceed east from Chriss, Utah up Chriss Canyon 3.25 miles. Take right fork and continue on unimproved road for 1.05 miles at which point maximum grades of 22% will be encountered over the next 2.45 miles; continue for 2.0 miles to the proposed access road (see item No. 2) and proceed to the location. The existing road is to be improved from the entrance, East off highway 28, to the steeper grades. Where grades in excess of 9% are encountered the road will be modified, by switchbacks, to reduce the grades to a maximum of 9%. The improvements on the said existing road are to include cutting the road to an 18 foot crowned surface with a drainage ditch on one side. Filled areas are to be from borrow materials accumulated during the construction activities as no additional road surface materials such as gravel, pavement, or oil surface are anticipated at this time.

2. PLANNED ACCESS ROAD

See topographic map "B". The proposed access road will be an 18 foot crown road (9' on either side of the centerline) with a 6 foot drain ditch on each side to handle drainage. Maximum grade on the proposed access road is approximately 6%. The access road is to be constructed of native borrow accumulated during construction. The proposed access road will leave the location site on the north-west corner and proceed north approximately 0.2 miles to the existing unimproved dirt road. Ground traversed by the access road is vegetated with pine and quaking aspen forest, and gambel oak thickets.

3. LOCATION OF EXISTING WELLS

There are no other known wells within a radius of 2 miles. (See location plat for placement of the Dixel Resources Incorporated Gunnison No. 1 well within the section).

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION GATHERING AND SERVICE LINES.

All production facilities (tank batteries, flow lines, and treatment equipment) are to be contained within the proposed location site. There are no other Dixel Resources Incorporated flow, gathering, injection or disposal lines within a one mile radius.

5. LOCATION AND TYPE OF WATER SUPPLY

Water, for this well, is to be obtained by building a catch basin on the property of Mr. Jack G. Madsen, approximately 1.25 miles south of the location, approximately 1200 feet north of the center of Sec. 22, T16S, R1E. This may be later supplemented by drilling a water well on the location. The catch basin will be removed when drilling is terminated.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location and access road are to be borrow material accumulated during construction of the location site and access road. No additional road gravels. Pits may be lined with bentonite and/or plastic sheet material.

7. METHODS FOR HANDLING WASTE DISPOSAL

All garbage and trash that can be burned shall be burned. All unburnable garbage and trash accumulated during the development of this well shall be contained in the trash pit shown on the attached location layout sheet. On completion of this well, this pit shall be covered with a minimum 4 feet of cover. All production waste such as cuttings, salts, chemicals, overflows of condensate, water, and drilling fluids shall be contained in the reserve pit and on completion of the well buried with a minimum of 4 feet of cover. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned at this time.

9. WELL SITE LAYOUT

See attached location layout plat. Cleon Feight of the Utah State Division of Oil, Gas and Mining will be notified before any construction begins on the proposed location site, access, or existing roads.

10. PLANS FOR RESTORATION OF THE SURFACE

As there is some topsoil in the area, all topsoil will be stripped and stockpiled prior to drilling (see Item No. 9). When all production activities have been completed, the location site and access road will be reshaped to the original contour and the topsoil spread over the disturbed area. Any drainages re-routed during the construction and production activities shall be buried with a minimum 4 feet of cover as per Item No. 7. After restoration activities have been completed the location site and access road are to be reseeded with a seed mixture recommended by Mr. Cleon Feight (Item No. 9) when the moisture content of the soil is adequate for germination. Restoration activities shall begin within 90 days after completion of the well. One completion activities have begun they shall be completed within 30 days.

11. OTHER INFORMATION

Topography of the general area consist of steep rugged hillsides trending east-west with numerous rock out croppings, and ledges occurring along the steeper ridges. Level areas occur along the tops of the ridges throughout the area. Drainages in the area are intermittent in nature running accassionally in the spring time and draining west into the annually flowing Chriss Creek. Soils of this area are early Tertiary deposits (andesitic pyroclastic rocks) consisting of sandy silts containing poorly graded gravels. The topsoil through the area supports some pine and aspen timber, scattered through large oak thickets, sagebrush and grass meadows. The surrounding area is also leased for grazing. Wildlife is predominately deer, coyotes, rabbits, and a variety of small ground squirrels and mice. Birds in the area are hawks, finches, sparrows, and jays. The location site is located on a sloping hillside. The ground slopes through the location site on an approximately 8% grade and is vegetated with gambel oak thickets. Steep hillsides drop off to the south of the location site into Chriss Canyon. Gambel oak thickets and some aspen forest vegetate all sides of the

of the location site. There are no occupied dwellings, or other facilities including archeological, historical, or cultural sites within any reasonable close proximity of the proposed location site.

12. LESSE'S OR OPERATOR'S REPRESENTATIVE

H.W. Addington
620 Petroleum Building
Denver, Colorado 80202

Frank Turner
Nephi, Utah

Phone 1-303-222-9076
1-303-755-4309 (res)

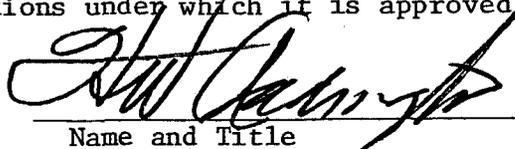
Phone 373-7730 (Residence)
True Rig, Moroni Utah (801-436-8274)

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Robbins Construction Co., Box 163, Duchesne, UT 84021
Phone (801) 738-5332

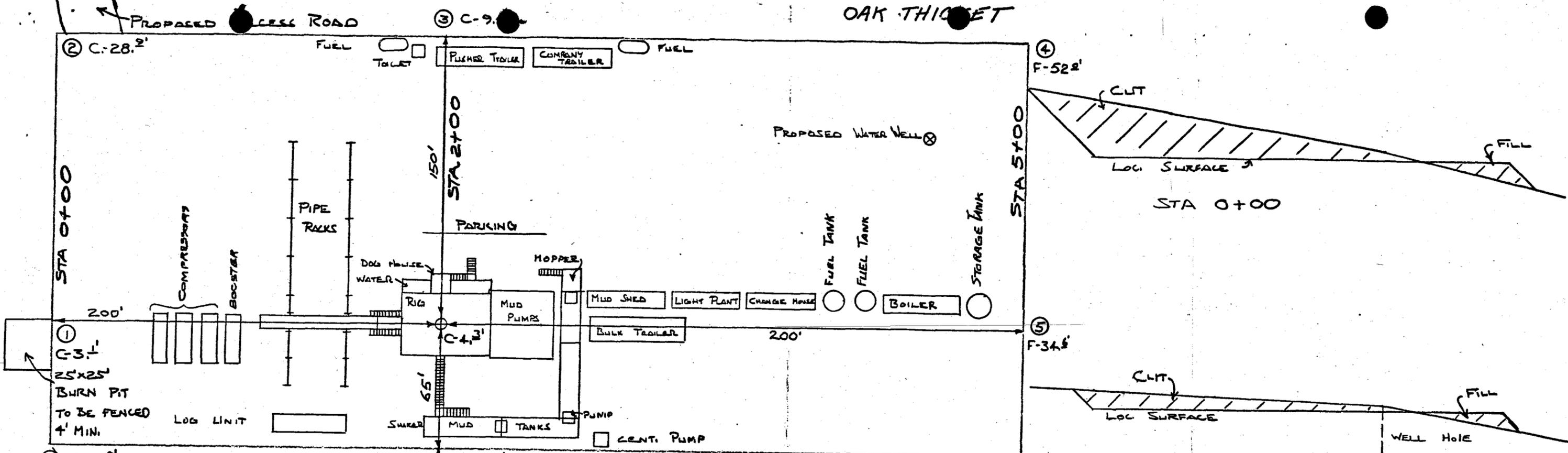
and its contractors and sub-contractor in conformity with this plan and the terms and conditions under which it is approved

8/4/76
Date


Name and Title

H. W. Addington, Consulting Petroleum Engineer
for Designated Agent, Mr. Frank Turner

OAK THICKET



② C-28.2'

③ C-9

④ F-52.2'

STA 0+00

STA 5+00

① C-3.4'

25'x25'
BURN PIT
TO BE FENCED
4' MIN.

⑧ F-10.2'

⑦ F-5.3'

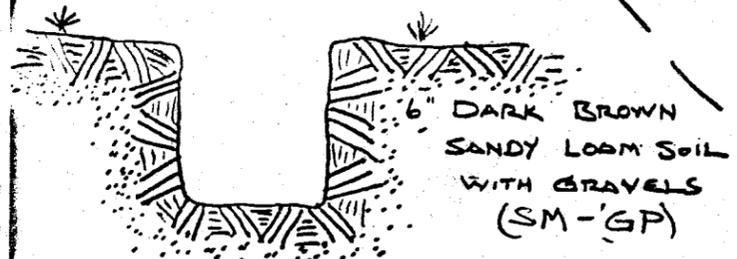
⑥ F-28.2'

RESERVE PIT
APPROX 8' DEEP

OAK THICKET

OAK THICKET

SOILS LITHOLOGY
AT TEST HOLE - NO SCALE



DIXEL RESOURCES INCORPORATED
LOCATION LAYOUT - RIG #53

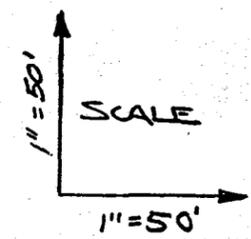


SCALE 1"=50'

FILL LOG SURFACE

STA 5+00

CROSS SECTIONS



APPROX - YARDAGES

FILL: 30,904 CH. YDS.
CUT: 19,470 CH. YDS.



SW

Dipel Gunnison #1

15-16S-1E

Juab Co.

E 517204 F

PR O TYPE 308

Dipel Gunnison #1

15-16S-1E

Juab Co.

D 608031

NORTH

Dipel Gunnison #1

15-16S-1E

Juab Co.

E 517204 F

→ S

Dipel Gunnison #1

15-16S-1E

Juab Co.

E 517204 F

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

Walter B. Johnson
General #1
15-165-16
Deer

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

5. Lease Designation and Serial No.

ML 27303

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Gunnison

2. Name of Operator

Dixel Resources Incorporated

9. Well No.

1

3. Address of Operator

4545 Post Oak Place, Houston, TX 77027

10. Field and Pool, or Wildcat

Wildcat

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

At surface 656' FNL, 1018' FEL, Sec 15, T16S, R1E, S.L.B. & M.
NW NE NE

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

Sec. 15, T16S., R1E SLB & M

At proposed prod. zone

Same as above

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

13.5 miles Southwest of Wales, Utah

12. County or Parrish 13. State

Juab

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

656'

16. No. of acres in lease

2,177.74

17. No. of acres assigned to this well

640

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

None in area

19. Proposed depth

18,000 *ft*

20. Rotary or cable tools

Rotary

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

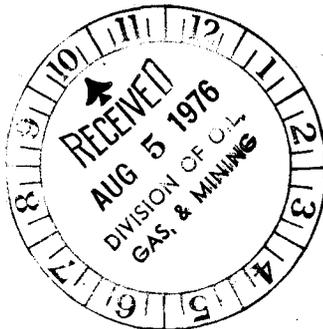
Ungraded GL = 7780 (anticipate 4 foot cut)

22. Approx. date work will start*

9/1/76

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
46"	40"	Culvert	25'	Premix to Surface
36"	30"	1/2" wall, grade B	300'	660 sacks
26"	20"	133#	3,500'	4850 sacks
17 1/2"	13-3/8 - 13 1/2"	72 - 81#	9,500'	800 sacks
12 1/4"	9-7/8"	62.8#	11,500	2220 sacks
8 1/2"	5 1/2"	20 - 23#	18,000	1300 sacks



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.

Signed *H. W. Addington*

Title Consulting Engineer
Designated Agent

Date 8/4/76

(This space for Federal or State office use)

Permit No. 43-023-30002

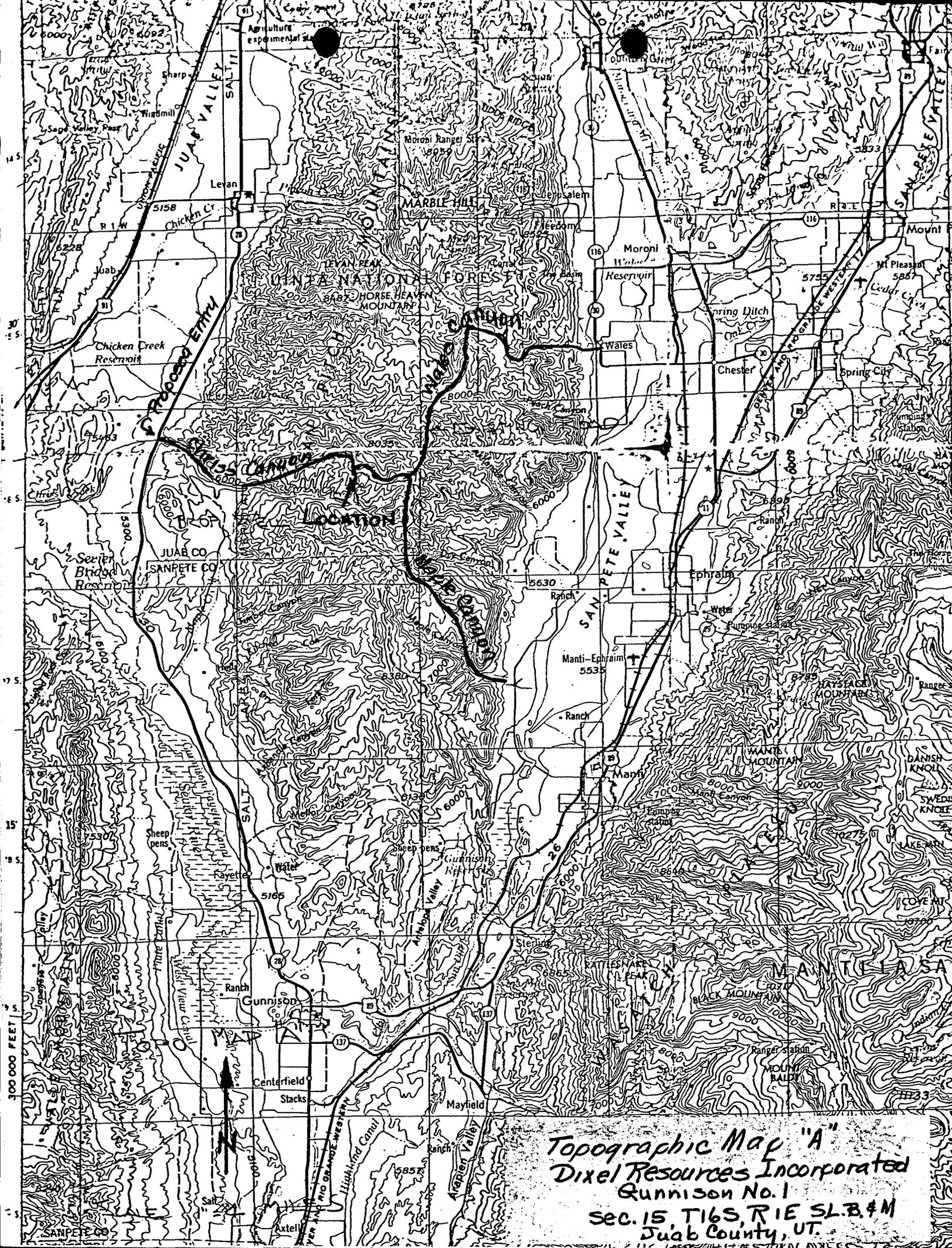
Approval Date

Approved by

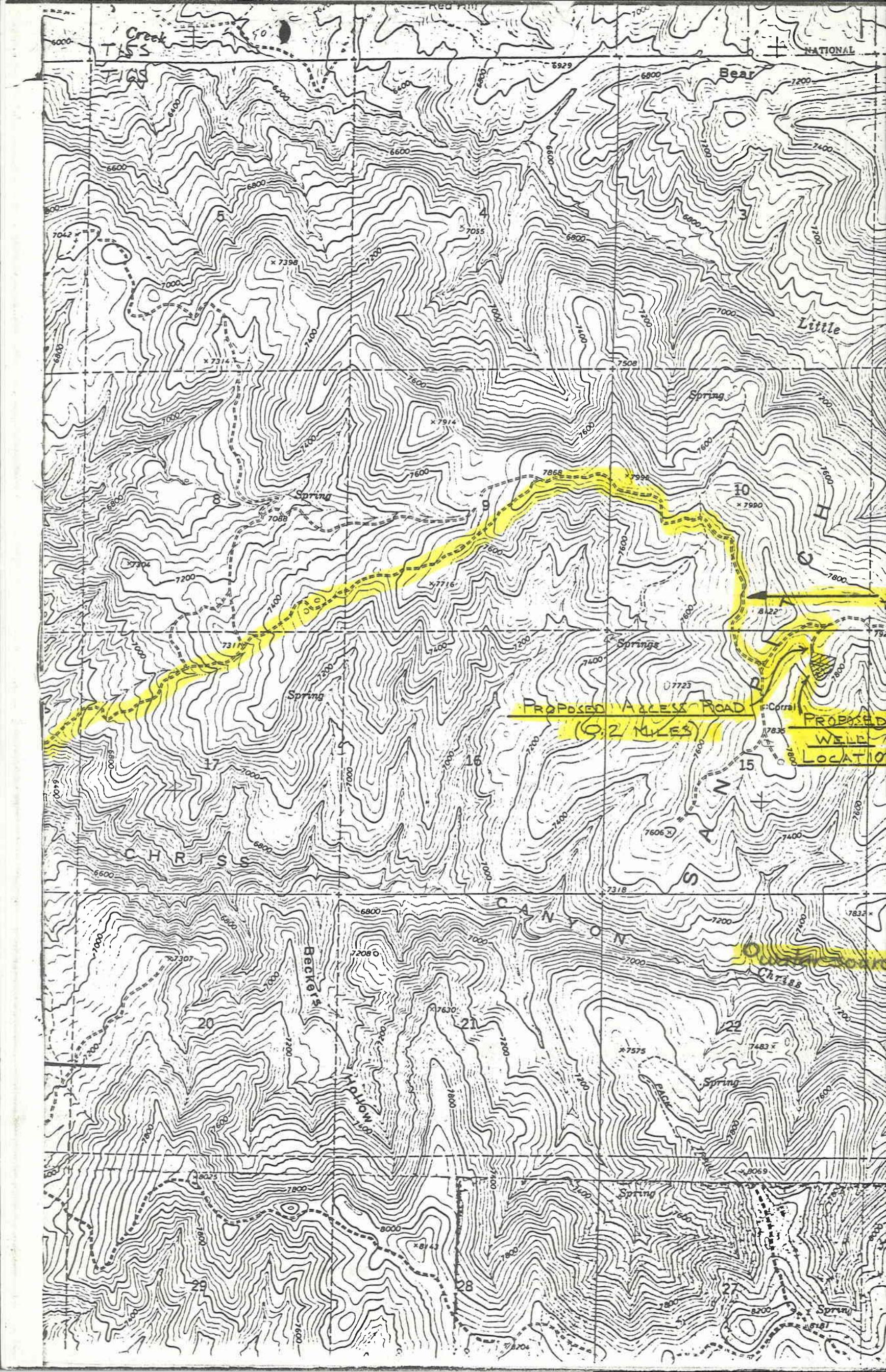
Title

Date

Conditions of approval, if any:



Topographic Map "A"
Dixel Resources Incorporated
Gunnison No. 1
Sec. 15 T16S, R1E SLB.4M
Juab County, UT.



Creek TASS

NATIONAL

Bear

Little

Spring

Spring

Spring

Spring

PROPOSED ACCESS ROAD
(0.2 MILES)

PROPOSED
WELL
LOCATION

CHRIS

CANYON

Becker's

Chris

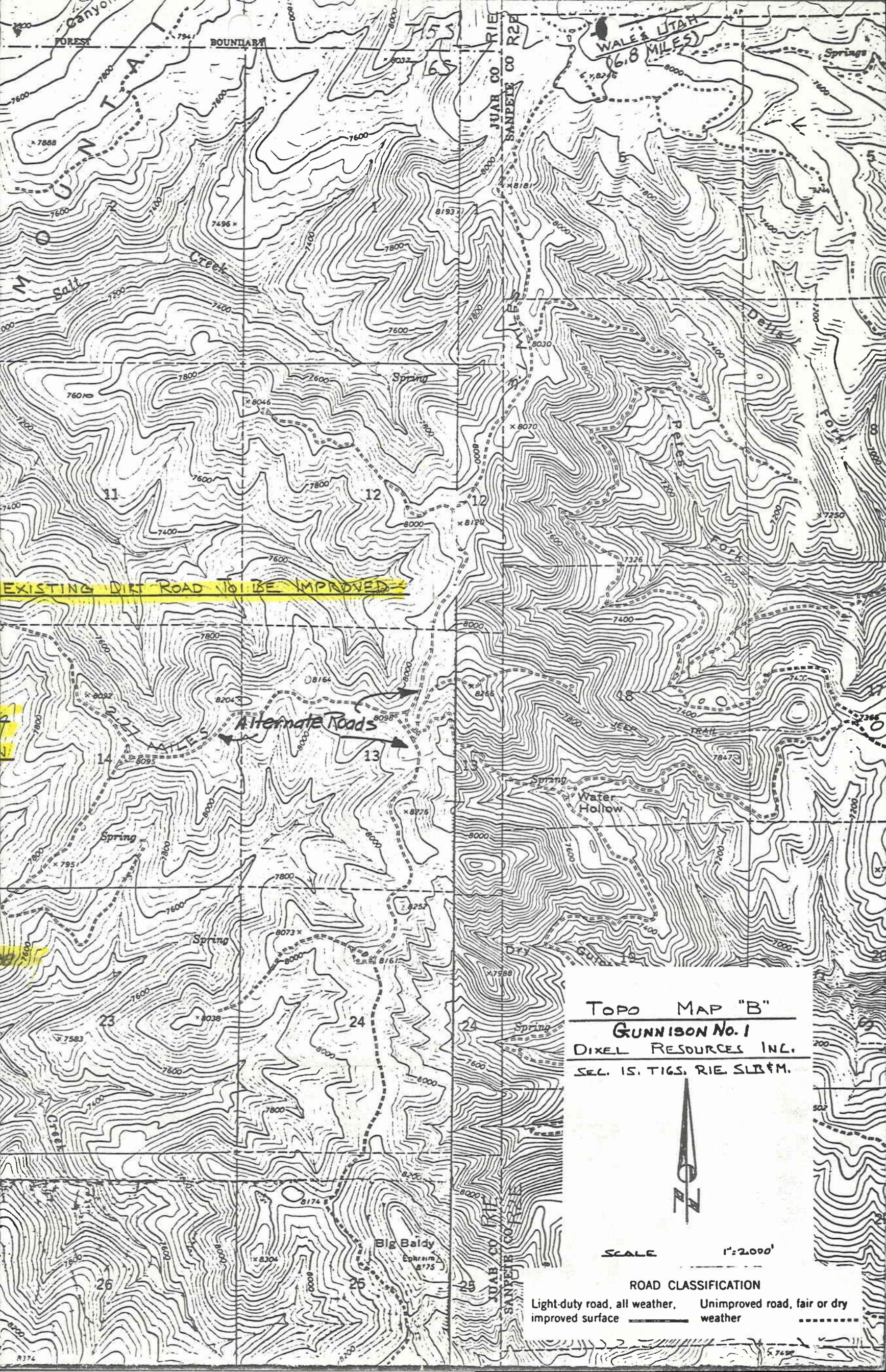
Hollow

Spring

29

28

27



EXISTING DIRT ROAD NOT TO BE IMPROVED

Alternate Roads

TOPO MAP "B"
 GUNNISON No. 1
 DIXEL RESOURCES INC.
 SEC. 15, T16S, R1E, S1B&M.



SCALE 1" = 2,000'

ROAD CLASSIFICATION

Light-duty road, all weather, improved surface Unimproved road, fair or dry weather

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: August 6, 1976
 Operator: Pixel Resources Inc.
 Well No: Gunnison #1
 Location: Sec. 15 T. 16S R. 1E County: Turb

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

Checked By:

Administrative Assistant: [Signature]

Remarks:

P. Hall Com

Petroleum Engineer/Mined Land Coordinator: ok PS

Remarks:

unorthodox location ok. due to topographical reasons. E.I.S. statement being prepared. SH

Director: 2

Remarks:

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:

Letter Written

August 6, 1976

Dixel Resources, Inc.
4545 Post Oak Place
Houston, Texas 77027

Re: Well No. Gunnison State #1
Sec. 15, T. 16 S, R. 1 E,
Juab 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. Said approval is, however, conditional upon a surveyor's plat of the proposed location being submitted to this office prior to commencing spudding operations.

In addition, as your proposed location is on a State lease, it will be necessary that your "drilling and plugging" bond be filed with the Division of State Lands, 105 State Capitol Building, Salt Lake City, Utah 84111, rather than this office. Therefore, we are taking the liberty of forwarding your Bond No. 197E894-2 to said Division whereupon they may notify you of any particular requirements.

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 43-023-30002.

Very truly yours,

CLEON B. FEIGHT
DIRECTOR

cc: Division of State Lands

Dixel Resources Incorporated
Rocky Mountain District

October 22, 1976

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

Attention: Mr. Cleon B. Feight,
Director

Re: Dixel #1 Gunnison Well, NE NE
15-16S-1E, Juab County, Utah.

Gentlemen:

In accordance with telephone conversations between Dixel and your office today, enclosed are three copies of the surveyor's plat on the captioned well. We understood the plat had been submitted in August by our designated agent so we apologize for not checking into this matter earlier.

Today we contacted the surveying company in Vernal and requested they resurvey the location since it has now been graded. Upon receipt of the corrected plats, we will see that you receive copies.

This should complete the requirements in your letter of August 6th, however, if there is any additional information you need, please advise.

Sincerely,

DIXEL RESOURCES INCORPORATED



H. Glenn Richards
District Geologist

HGR:jh
enclosures

cc: Mr. J. T. Walters
Dixel - Houston

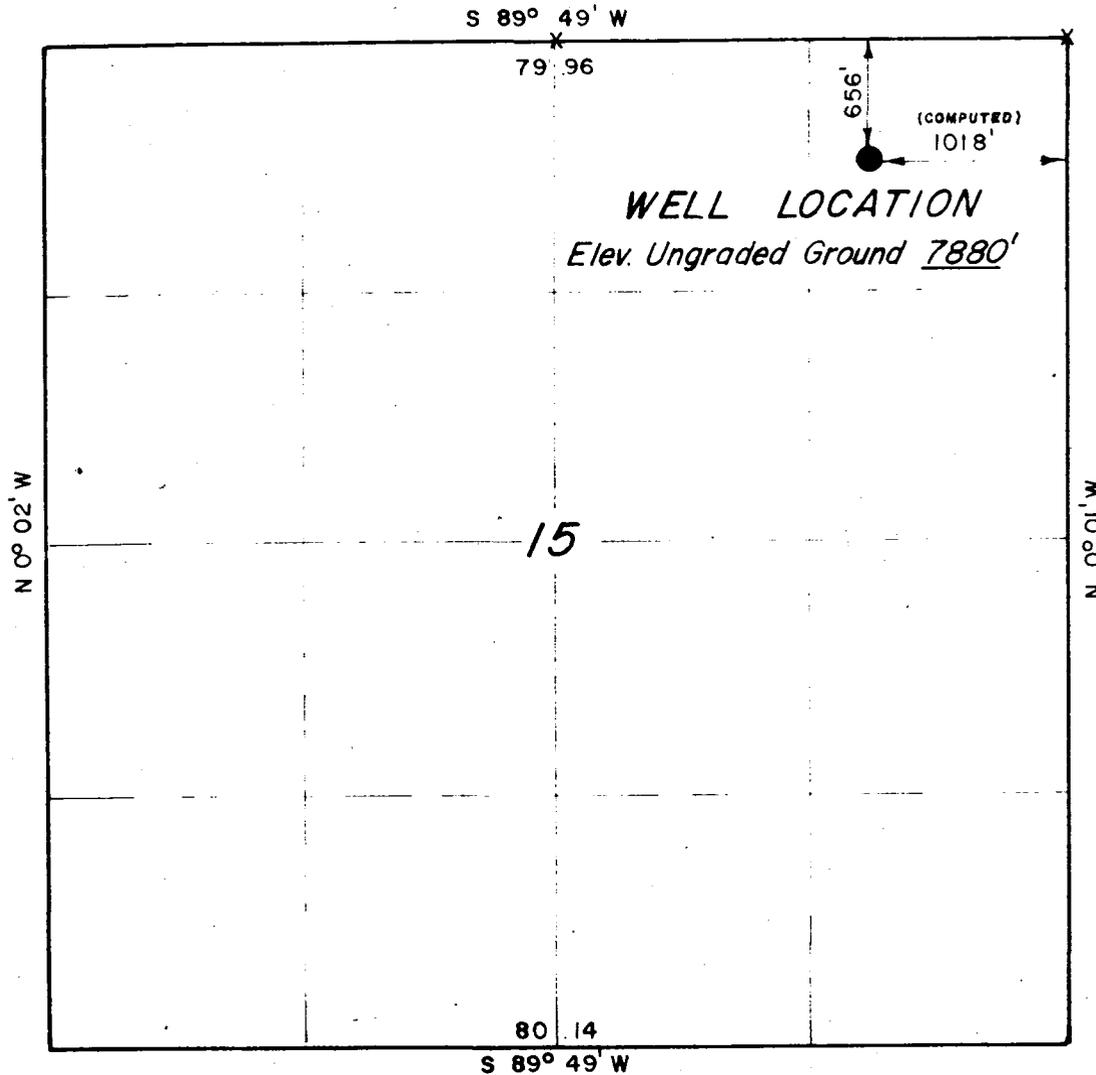


T16S, R1E, S.L.B. & M.

PROJECT

DIXEL RESOURCES INCORPORATED

Well location, located as shown in the
NE 1/4 NE 1/4 Section 15, T16S, R1E,
S.L.B. & M. JUAB County, Utah.



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.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

801 - UTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 110 EAST - FIRST SOUTH 789-1017 VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 7/29/76
PARTY G. STEWART M. STEWART & STEWART RS	REFERENCES GLO PLAT
WEATHER HOT	FILE DIXEL RESOURCES INC.

X = Section corners located.



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. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

R

STATE Utah COUNTY Juab FIELD/LEASE - No. 1 Gunnison

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
October, 19 76

Agent's Address 2794 E. Apple Blossom Ln. Company Dixel Resources Inc.
Salt Lake City, Utah 84117 Signed Frank P. Turner
 Phone No. (801) 272-7346 Title Designated Agent

Sec. and ¼ of 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)
NE NE 15	16S	1E								10/29 - Spudded at 9:30 PM. 10/29 - 10/31, Drilled 17½" hole to 305'

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

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

Dixel Resources Incorporated

Rocky Mountain District
November 1, 1976

P

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple Street
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight,
Director

Re: #1 Gunnison State Well, NE NE
15-16S-1E, Juab County, Utah.

Gentlemen:

Enclosed for your files and information are three copies of the Revised Survey Plat on the captioned well showing the corrected location and elevation.

If there is any further information you need, please advise.

Sincerely,

DIXEL RESOURCES INCORPORATED



H. Glenn Richards
District Geologist

HGR:jh
enclosures

cc: Mr. J. T. Walters - Dixel - Houston w/enclosure
Drilling Partners w/enclosure

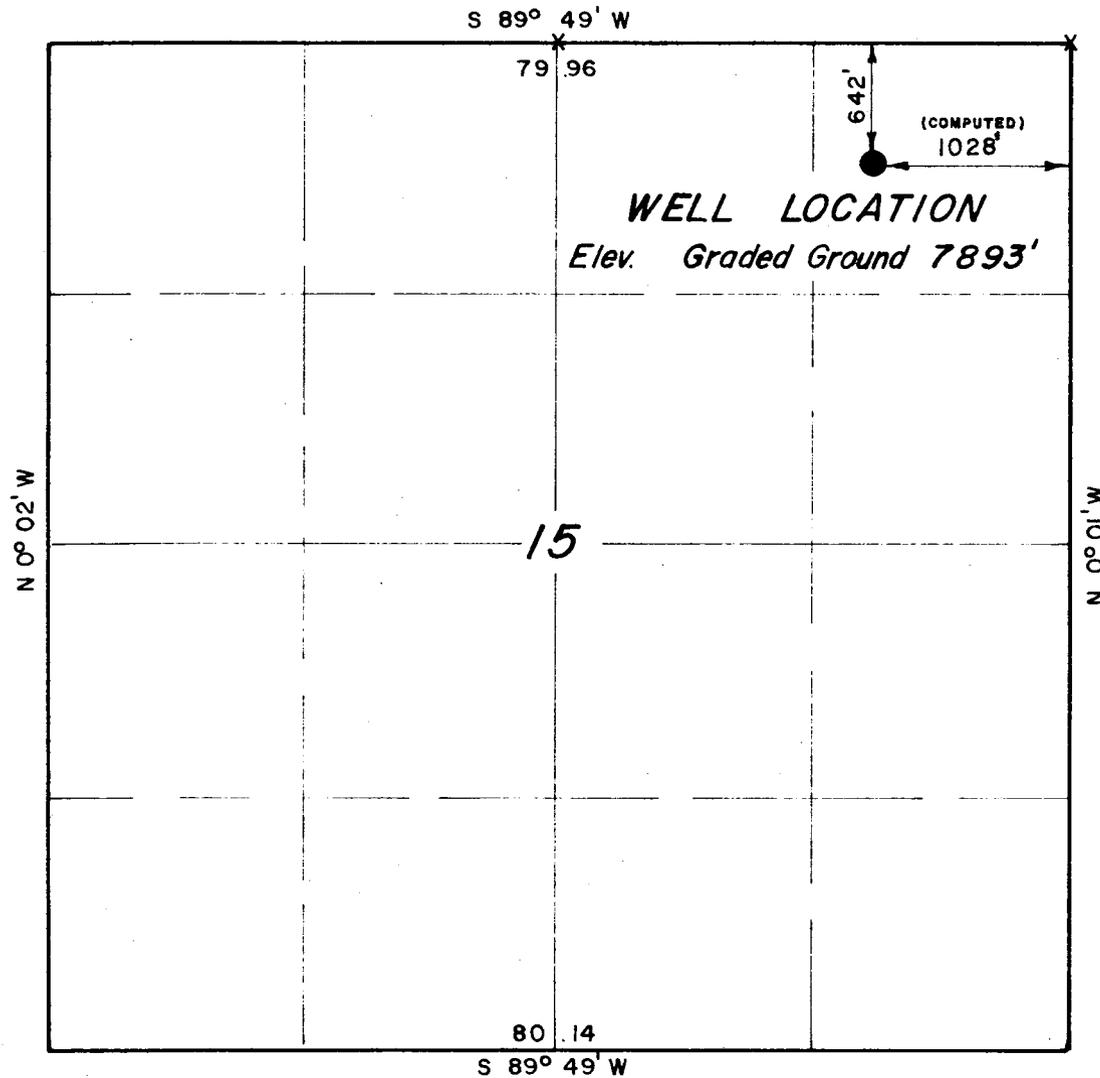


T16S, R1E, S.L.B. & M.

PROJECT

DIXEL RESOURCES INCORPORATED

Well location, located as shown in the
NE 1/4 NE 1/4 Section 15, T16S, R1E,
S.L.B. & M. JUAB County, Utah.
#1 Gunnison State



NOTE

PLAT REVISED TO SHOW LOCATION &
ELEVATION AFTER CONSTRUCTION. 10/29/76



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.

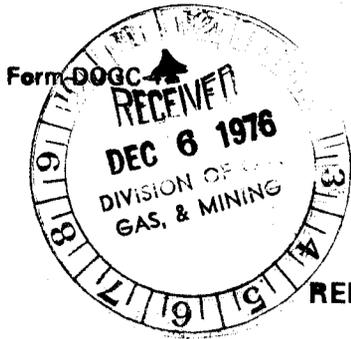
Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7/29/76
PARTY G. STEWART M. STEWART S. STEWART RS.	REFERENCES GLO PLAT
WEATHER HOT	FILE DIXEL RESOURCES INC.

X = Section corners located.



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. ML 27303
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
November, 19 76

Agent's Address 2794 E. Apple Blossom Ln. Company Dixel Resources Incorporated
Salt Lake City, Utah 84117 Signed Frank F. Turner
 Phone No. (801) 272-7346 Title Designated Agent

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)
NE NE 15	16S	1E								11/1 - 11/5, T.D. 305' Opening 17 1/2" hole to 36" 11/5 - 11/7, Set 8 jts. of 157.53 lbs. 30" csg. at 294'. 11/7 - 11/30. Drilling 17 1/2" hole with air and stiff foam to 2922'. Gas Sold _____ Flared/Vented _____ Used on/off Lease _____

NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold; _____ 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.**

Dixel Resources Incorporated



December 9, 1976

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

Re: Dixel Resources Incorporated
Gunnison State #1
Juab County, Utah

Gentlemen:

Enclosed is a map of the total right-of-way on U.S.A.(B.L.M.) Lands for the above captioned well. Please let us know if any additional information is needed.

Very truly yours,

DIXEL RESOURCES INCORPORATED

James T. Walters
James T. Walters
Operations Manager

JTW:jj

Enclosure

CIRCULATE TO:

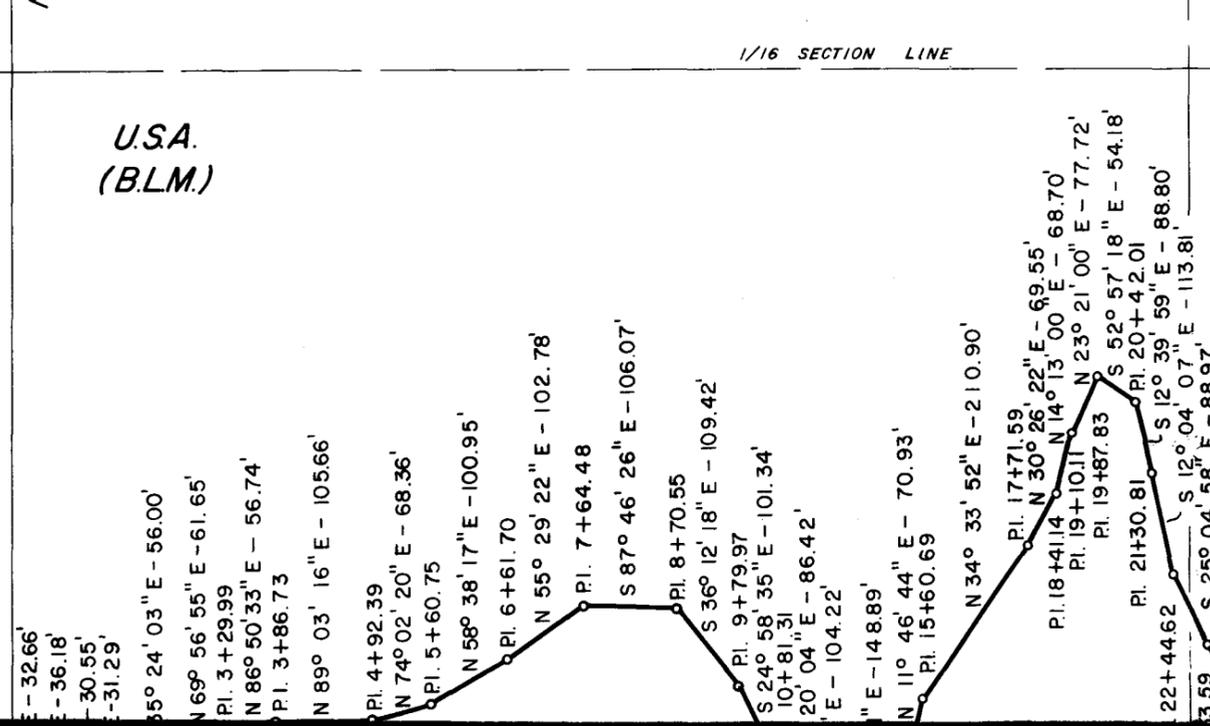
- DIRECTOR _____
- PETROLEUM ENGINEER _____
- MINE COORDINATOR _____
- ADMINISTRATIVE ASSISTANT _____
- ALL _____

RETURN TO *Kathy*
FOR FILING

1/4 SECTION LINE

N 0° 03' 26" W - 2211.17'
(6LO)

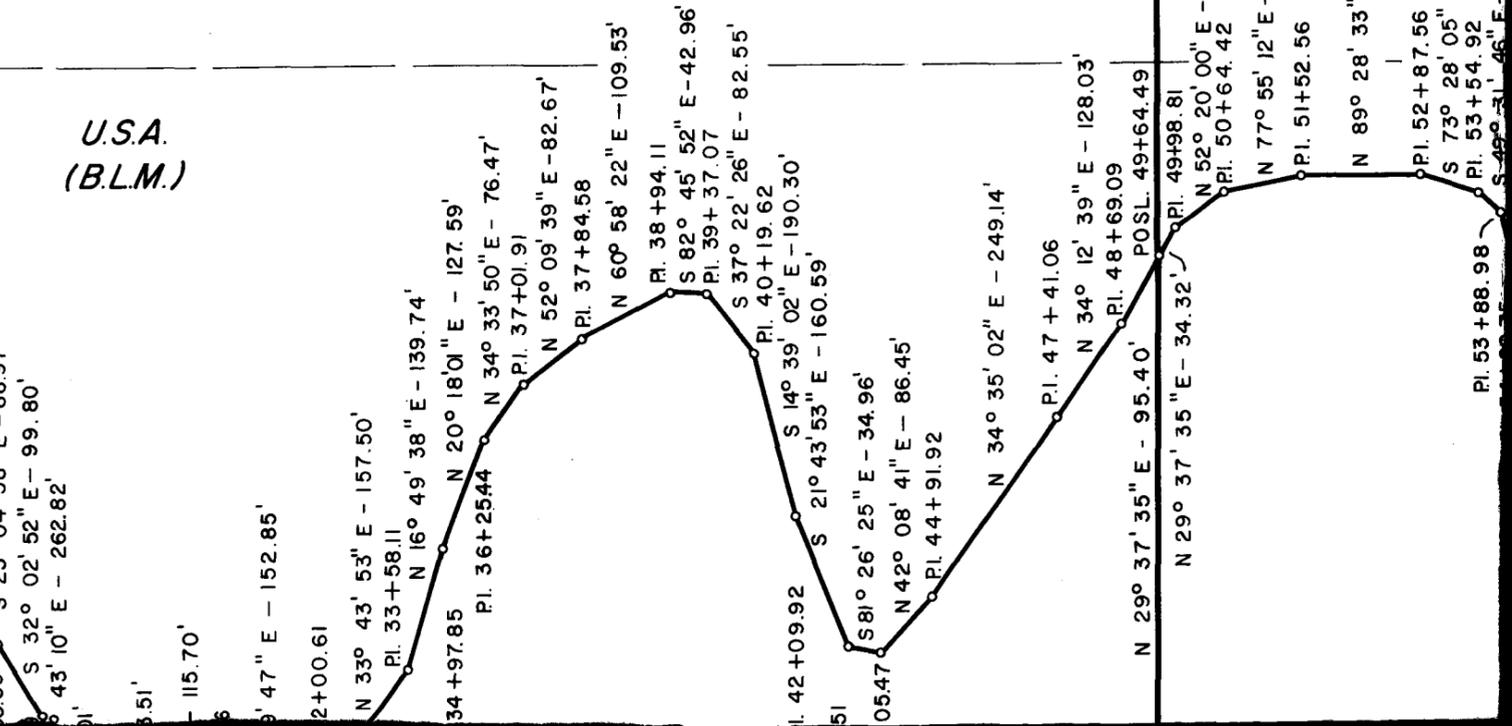
USA.
(BLM.)



1/16 SECTION LINE

1/16 SECTION LINE

USA.
(BLM.)



SECTION LINE

SECTION LINE

N 0° 03' W - 1540.20'
(6LO)

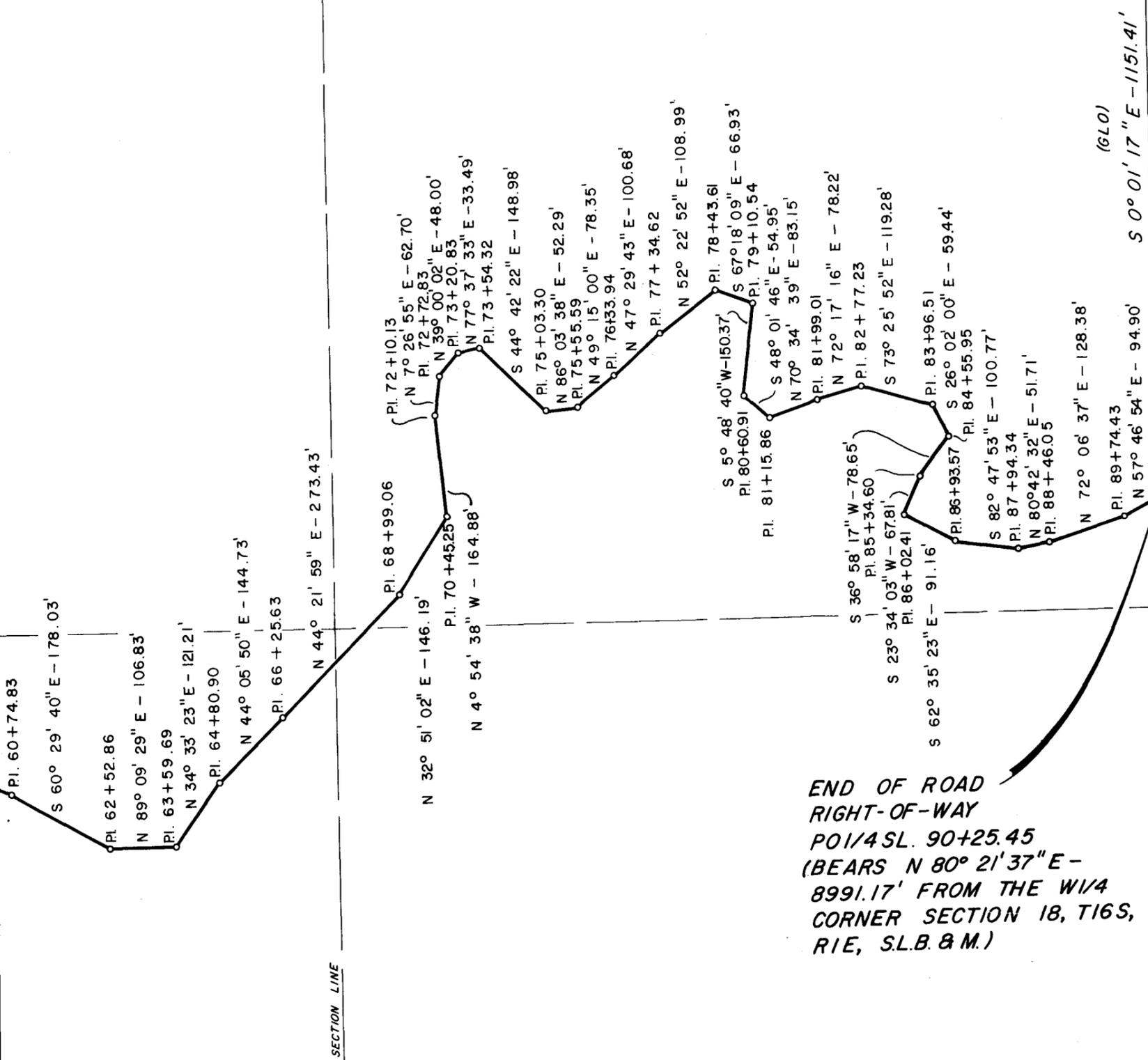
U.S.A.
(B.L.M.)

DIXEL RESOURCES INCORPORATED ROAD RIGHT-OF-WAY ON U.S.A. (B.L.M.) LANDS

LOCATED IN
SECTIONS 17 & 18, T16S, R1E, S. L. B. & M.
JUAB COUNTY, UTAH



SCALE: 1" = 200'
DATE: 11/10/76



END OF ROAD
RIGHT-OF-WAY
PO1/4 SL. 90+25.45
(BEARS N 80° 21' 37" E -
8991.17' FROM THE W1/4
CORNER SECTION 18, T16S,
R1E, S.L.B. & M.)

SECTION LINE

SECTION LINE

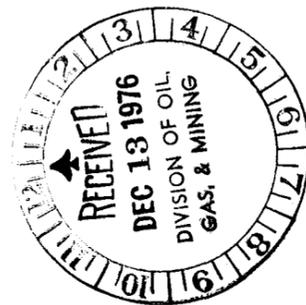
U.S.A.
(BLM.)

17

APPLICANT'S CERTIFICATE

THIS IS TO CERTIFY THAT GENE STEWART, WHO SUBSCRIBED TO THE STATEMENT HEREON IS THE PERSON EMPLOYED BY THE UNDERSIGNED APPLICANT TO PREPARE THIS MAP, WHICH HAS BEEN ADOPTED BY THE APPLICANT AS THE FINAL LOCATION OF THE WORKS THEREBY SHOWN; THAT THIS MAP IS FILED AS A PART OF THE COMPLETE APPLICATION, AND IN ORDER THAT THE APPLICANT MAY OBTAIN THE BENEFITS OF THE ACT OF FEBRUARY 1920, AS AMENDED (41 STATUTE 449), AND I FURTHER CERTIFY THAT THE RIGHT-OF-WAY SHOWN ON THIS MAP IS DESIRED FOR A ROAD

James T. Walter
APPLICANT'S SIGNATURE
OPERATIONS MANAGER
TITLE
DIXEL RESOURCES INCORPORATED



U.S.A.
(B.L.M.)

18
BEGINNING OF ROAD
RIGHT-OF-WAY
PO 1/4 SL. 0+00
(BEARS N 83° 05' 27" E - 3616.89' FROM THE
W 1/4 CORNER SECTION 18, T16S, R1E, S.L.B. & M.)

PI. 0+32.66
S 77°
PI. 0+68.84
N 77°
PI. 0+99.39
N 41°
PI. 1+30.68
N 20° 08' 50" E - 81.66'
PI. 2+12.34
PI. 2+68.3

PI. 11+67.73
S 19°
PI. 12+71.55
N 47° 20' 59" E - 68.92'
PI. 13+40.87
N 14°
PI. 14+89.76

PI. 26+96.21
PI. 27+56.22
S 19° 43' 59" E - 27.59'
PI. 27+83.81
S 4° 29' 45" E
PI. 28+16.49
S 56° 17' 47" E - 3
PI. 28+78.55
N 52° 33' 45" E - 62.06'
PI. 29+32.06
N 29° 07' 28" E
N 35° 44'
PI. 30+
N 4°
OF ROAD RIGHT-OF-WAY

PI. 43-
PI.

TOTAL RIGHT-OF-WAY ON U.S.A.(B.L.M.) LAND

WIDTH OF ROAD RIGHT-OF-WAY IS 50' (25' PERPENDICULAR
SIDE OF THE CENTERLINE).

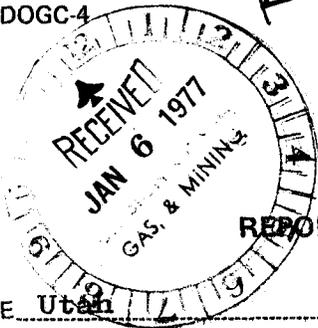
TOTAL LENGTH OF ROAD IS 9,025.45' OR 1.64 MILES
TOTAL ACREAGE IS 10.36 ACRES MORE OR LESS.

NOTE: BASIS FOR BEARINGS IS THE ASSUMPTION THAT THE
WEST LINE SECTION 18, T16S, R1E, S.L.B. & M. BEARS
NORTH.

ENGINEER'S STATEMENT

GENE STEWART, STATES HE IS BY OCCUPATION A REGISTERED
SURVEYOR HOLDING THE REGISTRATION N° 3154, STATE OF UTAH
EMPLOYED BY DIXEL RESOURCES INC. TO MAKE THE SURVEY OF
RIGHT-OF-WAY AS SHOWN AND DESCRIBED ON THIS MAP; THAT
OF SAID WORKS WAS MADE BY HIM OR UNDER HIS SUPERVISORY
AUTHORITY, COMMENCING ON OCTOBER 25, 1976 AND ENDING
1976 AND THAT SUCH SURVEY IS ACCURATELY REPRESENTED

Gene Stewart
REGISTERED LAND SURVEYOR
REGISTRATION N° 3154
STATE OF UTAH



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. ML 27303
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
December 19 76

Agent's Address 2794 E. Apple Blossom Ln. Company Dixel Resources Incorporated
Salt Lake City, Utah 84117 Signed Frank J. Turner
Phone No. (801) 2727346 Title Designated Agent

Sec. and ¼ of 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)
NE NE / 15	16S	1E								12/1 - 12/2 Drilling 17½" hole to 2935' T.D. 12/2 - 12/31 T.B 2935' Opening 17½" hole to 26" with air & stiff foam. on 12/31 hole opened to 2610'
										Gas Sold _____ Flared/Vented _____ Used on/off Lease _____

NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;
_____ 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.**



WELL LOG DISTRIBUTION LIST

SSC-1059

The following distribution has been made on your Well Logs in accordance with your instructions. Birdwell will retain one (1) copy in its local files for a period of one (1) year following date logs were run. The copy will then be destroyed locally. Only authorized Birdwell employees will be permitted access to the local Log Files.

No copies of Confidential or non-released logs will be filed in Birdwell files. All Original Logs will be forwarded with print distribution.

COMPANY NAME DIXEL RESOURCES INCORPORATED		WELL NAME GUNNISON STATE #1	
WELL LOCATION SEC.15, TWP.16S, RGE.1E		STATE UTAH	COUNTY JUAB
TYPE LOGS RUN CALIPER & TEMPERATURE			DATE RUN 8 JAN. 77

DISTRIBUTION

Original Logs Mailed To: **ORIGINALS & 4 PRINTS EACH MAILED TO:
DIXEL RESOURCES INCORPORATED
THREE PARK CENTRAL, SUITE 1053
1515 ARAPAHOE STREET
DENVER, COLORADO 80202**

Copies Mailed To:

3 PRINTS EACH:

**AMOCO PRODUCTION COMPANY
SECURITY LIFE BUILDING, SUITE 2757
1616 GLENARM PLACE
DENVER, COLORADO 80202**

**CHEVRON OIL COMPANY
P. O. BOX 599 (ALSO SEPIA)
DENVER, COLORADO 80201**

**CROWN CENTRAL PETROLEUM CORPORATION
SUITE 1002, WILCO BUILDING
MIDLAND, TEXAS 79701**

**NORTH CENTRAL OIL CORP.
P. O. BOX 27491
HOUSTON, TEXAS 77027**

2 PRINTS EACH:

**GREAT WESTERN DRILLING COMPANY
2170 COLORADO STATE BANK BUILDING
1600 BROADWAY
DENVER, COLORADO 80202**

**MOUNTAIN FUEL SUPPLY COMPANY
P. O. BOX 11368
SALT LAKE CITY, UTAH 84139
(ALSO SEPIA COPY)**

2 PRINTS EACH:

**CHAMPLIN PETROLEUM COMPANY
P. O. BOX 1257
ENGLEWOOD, COLORADO 80110**

**NATURAL RESOURCES CORPORATION
500 DENVER CLUB BUILDING
DENVER, COLORADO 80202**

**ENERGY RESERVES GROUP INC.
3200 FIRST OF DENVER PLAZA
DENVER, COLORADO 80202**

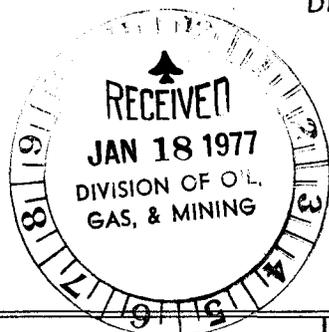
1 PRINT EACH:

**STATE OF UTAH, DEPT. NATURAL RESOURCES
1588 WEST N. TEMPLE
SALT LAKE CITY, UTAH 84116**

**MR. F. J. BRADSHAW
1327 GILMER DRIVE
SALT LAKE CITY, UTAH 84100**

**UNION OIL COMPANY OF CALIFORNIA
P. O. BOX 2620
CASPER, WYOMING 82602**

**COLORADO OIL COMPANY, INC.
P. O. BOX 749
DENVER, COLORADO 80201**



1 Copy - Station Files	STATION DISTRICT 37	DATE MAILED 17 JAN 77	SIGNATURE <i>[Handwritten Signature]</i>
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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

State Lease No. ML 27303
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

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

REPORT OF OPERATIONS AND WELL STATUS REPORT

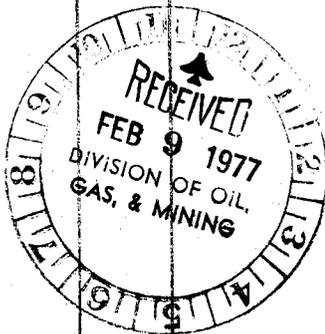
STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

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

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
 Phone No. (801) 272-7346

Company Dixel Resources Incorporated
 Signed Frank P. Turner
 Title Designated Agent

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)
NE NE 15	16S	1E								<p>1/1 - 1/4 T.D. 2935' opening 17 1/2" hole to 26".</p> <p>1/4 - 1/7 Setting 71 jts of 20" csg. 133# ic55 Butte @ 2894 with 550 sx HOWCO Lite, 1000 sx Cl "A".</p> <p>1/7 - 1/9 Testing csg. Csg. parted @ 773'</p> <p>1/9 - 1/17 Aligned csg. with Bowen Speat, staged cement annulus.</p> <p>1/17 - 1/25 Testing csg., nipping up testing BOP.</p> <p>1/25 - 1/31 Drilling from 2935 to 3243.</p> <p>Gas Sold _____ Flared/Vented _____ Used on/off Lease _____</p>



NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold; _____ 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.**

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. M127303
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No.1 Gunnison State

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

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
Phone No. (801) 272-7346

Company Dixel Resources Incorporated
Signed Frank P. Turner
Title Designated Agent

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)
NE NE 15	16S	1E								2/1 - 2/28 Drilling 17 1/2" hole from 3243' to 4943'



Gas Sold _____
Flared/Vented _____
Used on/off Lease _____

NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;
_____ 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.

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. ML27303
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

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

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
Phone No. (801) 2727346

Company Dixel Resources Incorporated
Signed Frank P. Turner
Title Designated Agent

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)
NE NE 15	16S	1E								3/1 - 3/15 Drilling 17 1/2" from 4955' to 5576' 3/15 - 3/16 At 5576' reduced hole to 12 1/4". 3/16 - 3/31 Drilling 12 1/4" hole from 5576' to 6463'. Gas Sold _____ Flared/Vented _____ Used on/off Lease _____



NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;
_____ 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.

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

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

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

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

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
Phone No. (801) 272-7346

Company Dixel Resources Incorporated
Signed Frank P. Turner
Title Designated Agent

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)
NE NE 15	16S	1E								<p>4/1 - 4/24 Drilled from 6463' to 7994'</p> <p>4/24 Ran Logs - Dual Ind 2896-7981' Dens+Neut 2896-7988' Intr-Sonic 2896-7988' Dipmeter 5700-7988'</p> <p>4/24 - 4/25 Set cement plug @ 5538.</p> <p>4/25 - 4/30 Ran 13 3/8" csg. (132 jts) to 5575' w/845 sx Howco Lite & 890 sx Class "C". Cemented annulus 13 3/8" and 20" through parasite string w/1770 sx Howco Lite to surface.</p> <p>4/27 - 4/29 Setting B.O.P. Nippling up, testing B.O.P.</p> <p>4/29 - 4/30 Laying down 5 1/2" drill pipe, drilling float collar.</p>

GAS: (MCF)

Sold _____
Flared/Vented _____
Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

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

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

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 533-5771

Lease No. ML 27303
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

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

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
 Phone No. (801) 272-7346

Company Dixel Resources Incorporated
 Signed Frank P. Turner
 Title Designated Agent

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)
NE NE 15	16S	1E								5/1 - 5/3, Drilling float and cement to shoe, tested shoe, formation, wash and ream to bottom. 5/3 - 5/31, Drilling 12 1/4" hole from 7985' to 9748'

GAS: (MCF)

Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

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

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

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 533-5771

Lease No. ML 27303
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

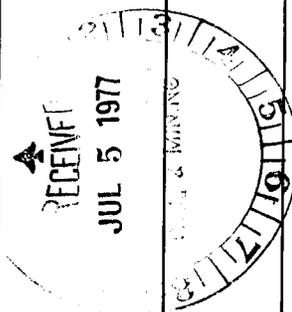
STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

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

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
 Phone No. (801)272-7346

Company Dixel Resources Incorporated
 Signed Frank P. Turner
 Title Designated Agent

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)
NE NE 15	16S	1E								6/1 - 6/13 Drilling 12 1/4" hole from 9748' to 10,380'. 6/13 - 6/17, Changing mud system over to oil base mud. 6/17 - 6/30, Drilling from 10,380' to 10,945'



GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

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

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. ML 27303
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

9

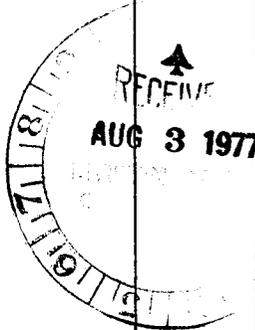
REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

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

Agent's Address Frank P. Turner Company Dixel Resources Incorporated
2794 E. Apple Blossom Ln. Signed Frank P. Turner
Salt Lake City, Utah 84117 Title Designated Agent
Phone No. (801) 272-7346

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)
NE NE 15	16S	1E								<p>7/1 - 7/3, T.D. 10,945' drilling 12 1/4" hole to 11,019'</p> <p>7/3 - 7/4, Running logs, Duel Ind, Int. Sonic, Den. Nut. from 7500' to 11,017'</p> <p>7/4 - 7/6, Cond. hole prep to run casing.</p> <p>7/6 - 7/10, Running 9 5/8" casing to to 10,981', cem, nippling-up, test BOP.</p> <p>7/10 - 7/31, drilling 8 1/2" hole from 11,019' to 12,849'.</p> <p>Gas Sold _____ Flared/Vented _____ Used on/off Lease _____</p>



NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold; _____ 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.

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

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

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

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

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
Phone No. (801) 272-7346

Company Dixel Resources Incorporated
Signed Frank P. Turner
Title Designated Agent

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)
NE NW 15	16S	1E								8/1 - 8/3, Drilling 8 1/2" hole from 12,849' to 12,884' 8/3 - 8/9, Junk in hole, fishing and milling. 8/9 - 8/22, drilling to 13,219'. 8/22 - 8/31, Stuck pipe at 11,200', backed off set cement plug at 11,109 prep. to whipstock.

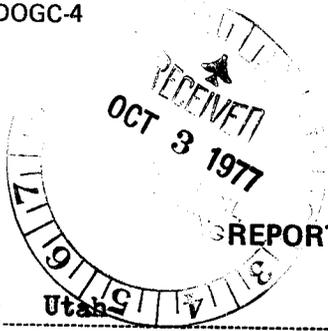
GAS: (MCF)

Sold _____
Flared/Vented _____
Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

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



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. ML 27303
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

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 Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
 Phone No. (801) 272-7346

Company Dixel Resources Incorporated
 Signed Frank P. Turner
 Title Designated Agent

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)
NE NW 15	16S	1 E								9/1 - 9/9, Drilling side-tracked hole from 10,987' to 12,249' 9/9 - 9/12, Plugged back to 11,576 9/12 - 9/14, Plugged back to 11,460' 9/14, Plugged back to 11,630 9/15, " " " 11,115 9/16, " " " 11,565 9/16 - 9/21, Pugged Back to 10,990' 9/21 - 9/23, Sidetracking hole. 9/23 - 9/30 Drilling new hole from 11,052' to 11,937'.

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of 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.**

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. ML 27304
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
October, 1977.

Agent's Address Frank P. Turner Company Dixel Resources Incorporated
2794 E. Apple Blossom Ln. Signed Frank P. Turner
Salt Lake City, Utah 84117 Title Designated Agent
 Phone No. (801) 272-7346

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)
NE NW 15	16S	1E								10/1 - 10/23, Drilling from 11,937 to 13,038' 10/23 - 10/25, Logging, running 7 5/8" liner, top of liner @ 10,247' shoe @ 13,036', set with 581 sx's. 10/25 - 10/30, Changing out mud, drilling cement 10/30 - 10/31, Drilling fr 13,045' to 13,211'

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of 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.**

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. ML 27303
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
November, 1977

Agent's Address Frank P. Turner
/2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
 Phone No. (801) 272-7346

Company Dixel Resources Incorporated
 Signed Frank P. Turner
 Title Designated Agent

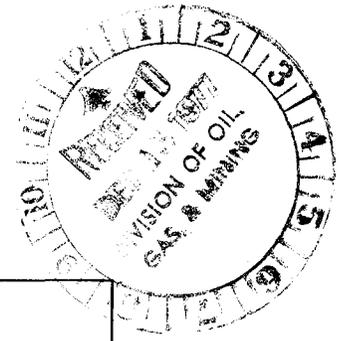
Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW 15	16S	1E								11/1 - 11/18, Drilling from 13,211' to 14,220'. 11/18 - 11/19, Logging, Ran Duel-Ind, Int Sonic, Dipmeter, from 13,040' to 14,216'. 11/19 - 11/30, Drilling from 14,220' to 14,656'



GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

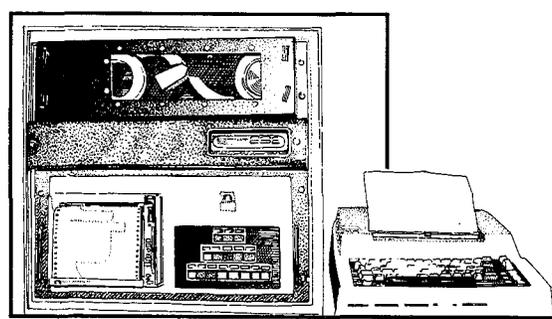
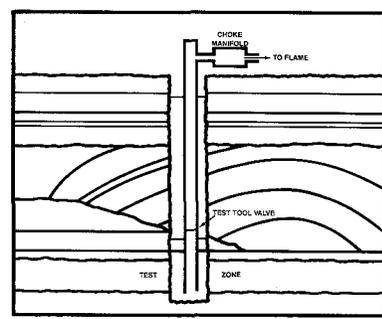
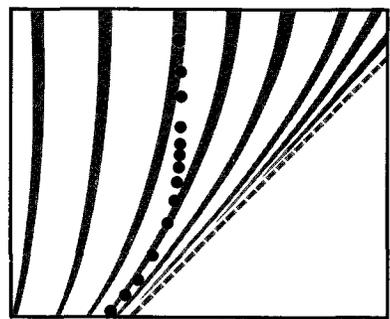
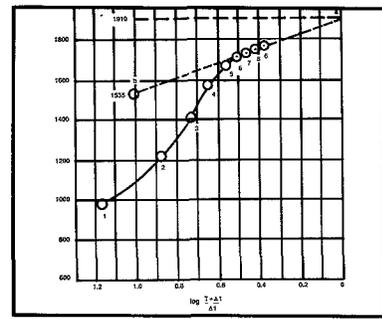
OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

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.**



JOHNSTON
Schlumberger

Teleflow Test Systems Reservoir Analysis





P.O. BOX 36369 • HOUSTON, TEXAS

CONFIRMATION OF TECHNICAL REPORT DISTRIBUTION

CUSTOMER _____ FIELD REPORT NO. 22751 D DATE _____
COMPANY _____ LEASE _____ WELL NO. _____
COUNTY _____ STATE _____ FIELD _____

JOHNSTON TESTERS HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS.
THIS DISTRIBUTION OF TECHNICAL REPORTS WILL BE USED FOR: [X] ALL TESTS ON THIS WELL, UNLESS OTHERWISE NOTIFIED. [] THIS ONE TEST ONLY,

1 TECHNICAL REPORT (S)
MR. F.J. BRADSHAW
1327 GILMER DRIVE
SALT LAKE CITY, UTAH 84100

_____ TECHNICAL REPORT (S)

2 TECHNICAL REPORT (S)
DIXEL RESOURCES, INC.
THREE PARK CENTRAL; SUITE 1053
1515 ARAPAHOE STREET
DENVER, COLORADO 80202
ATTN: H. GLENN RICHARDS

_____ TECHNICAL REPORT (S)

1 TECHNICAL REPORT (S)
STATE OF UTAH
DEPT. OF NATURAL RESOURCES
DIVISION OF OIL, GAS, & MINING
1588 WEST N. TEMPLE
SALT LAKE CITY, UTAH 84116

_____ TECHNICAL REPORT (S)

2 TECHNICAL REPORT (S)
ENERGY RESERVES GROUP, INC.
3200 FIRST OF DENVER PLAZA
633 - 17TH STREET
DENVER, COLORADO 80202
ATTN: BOB WILLIAMS

_____ TECHNICAL REPORT (S)

_____ TECHNICAL REPORT (S)

_____ TECHNICAL REPORT (S)

It is our pleasure to be of service.

JOHNSTON



P.O. BOX 36369 • HOUSTON, TEXAS

CONFIRMATION OF TECHNICAL REPORT DISTRIBUTION

CUSTOMER DIXEL RESOURCES, INC. FIELD REPORT NO. 22751 D DATE 12-4-77
COMPANY SAME AS ABOVE LEASE GUNNISON STATE WELL NO. 1
COUNTY JUAB 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. THIS ONE TEST ONLY,

3 TECHNICAL REPORT (S)
NORTH CENTRAL OIL CORPORATION
P.O. BOX 72491
HOUSTON, TEXAS 77027
ATTN: HOWARD LESTER

2 TECHNICAL REPORT (S)
CROWN CENTRAL PETROLEUM CORPORATION
SUITE 1002; WILCO BUILDING
MIDLAND, TEXAS 79701
ATTN: PORTER BASWELL

2 TECHNICAL REPORT (S)
GREAT WESTERN DRILLING COMPANY
2170 COLORADO STATE BANK BUILDING
1600 BROADWAY
DENVER, COLORADO 80202
ATTN: H.L. TIREY, JR.

1 TECHNICAL REPORT (S)
COLORADO OIL COMPANY, INC.
P.O. BOX 749
DENVER, COLORADO 80201
ATTN: PAUL J. HARRISON

2 TECHNICAL REPORT (S)
MOUNTAIN FUEL SUPPLY COMPANY
P.O. BOX 11368
SALT LAKE CITY, UTAH 84139
ATTN: JOHN BIRCHER

2 TECHNICAL REPORT (S)
CHAMPLIN PETROLEUM COMPANY
P.O. BOX 1257
ENGLEWOOD, COLORADO 80110
ATTN: BOB KIETH

2 TECHNICAL REPORT (S)
CHEVRON OIL COMPANY
P.O. BOX 599
DENVER, COLORADO 80201
ATTN: CHUCK LAMB

3 TECHNICAL REPORT (S)
AMOCO PRODUCTION COMPANY
SECURITY LIFE BLDG; SUITE 2757
1616 GLENARM PLACE
DENVER, COLORADO 80202
ATTN: R.G. JENSEN

2 TECHNICAL REPORT (S)
NATURAL RESOURCES CORPORATION
500 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
ATTN: PAUL FAIRCHILD

2 TECHNICAL REPORT (S)
UNION OIL COMPANY OF CALIFORNIA
P.O. BOX 2620
CASPER, WYOMING 82602
ATTN: H.G. ALEXANDER

It is our pleasure to be of service.

JOHNSTON

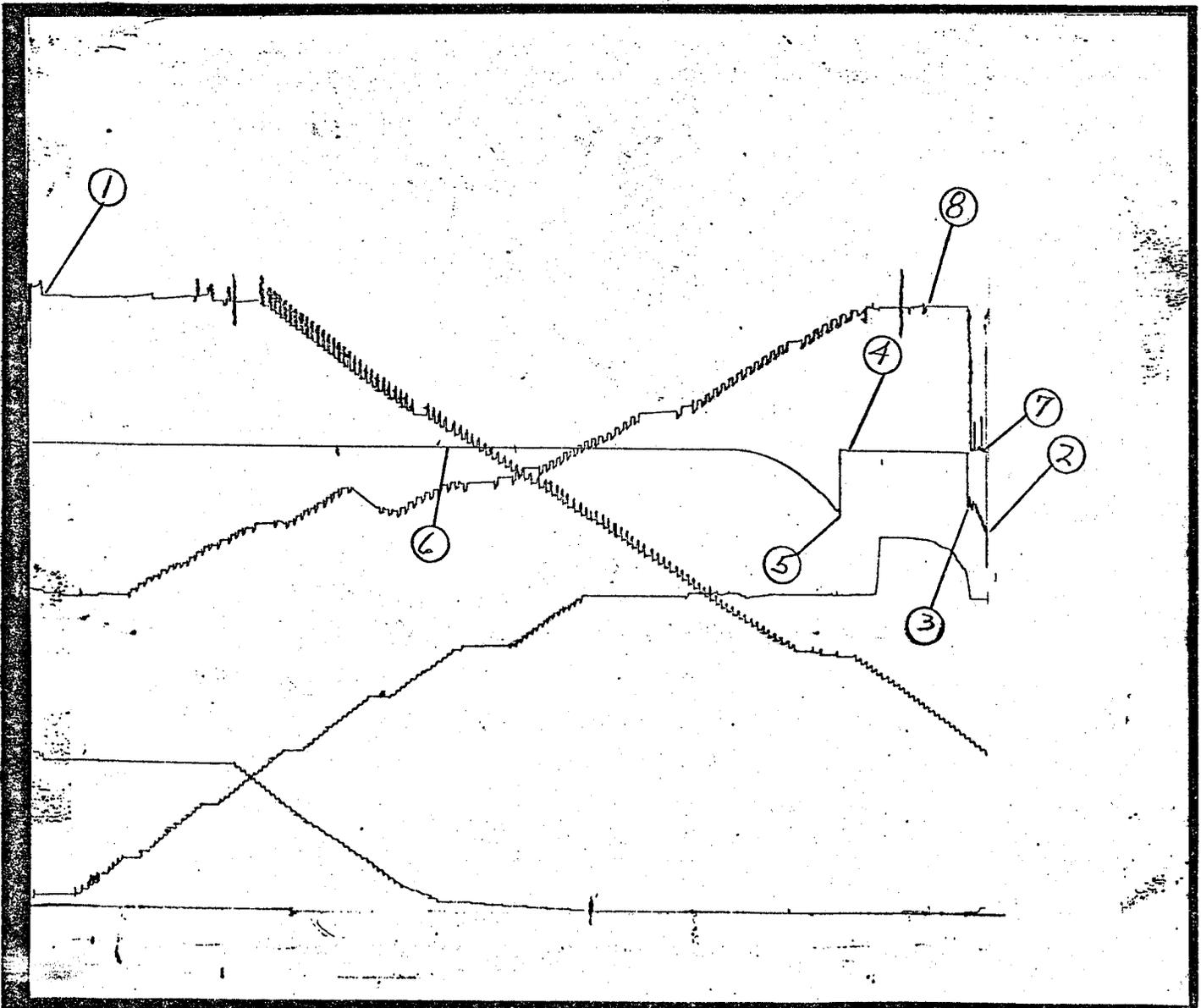
FIELD REPORT NO.: 09704 D

INSTRUMENT NO.: J-533

CAPACITY: 9000#

NO. OF REPORTS: 27-

PRESSURE DATA FROM THIS CHART IS PRESENTED ON NEXT PAGE



BOTTOM HOLE PRESSURE AND TIME DATA

JOHNSTON
Schlumberger

INSTRUMENT NO.: J-533 CAPACITY(P.S.I.): 9000 DEPTH: 14777 FT.
 PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 231 PAGE 1 OF 2

DESCRIPTION	LABELLED POINTS	PRESSURE (P.S.I.)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD	1	6634.2		
INITIAL FLOW(1)	2	4150.6		
INITIAL FLOW(2)	3	4439.3	5	5
INITIAL SHUT-IN	4	5038.2	35	34
FINAL FLOW(1)	5	4344.3		
FINAL FLOW(2)	6	5041.8	113	112
FINAL SHUT-IN	7	5043.6	120	121
FINAL HYDROSTATIC MUD	8	6601.9		

THE CHART INDICATES TOOL 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		6634.2				
2	0	4150.6				HYDROSTATIC MUD
3	5	4439.3				INITIAL FLOW(1)
3	0	4439.3				INITIAL FLOW(2)
	3	5032.9	2.667	0.426	593.5	STARTED SHUT-IN
	6	5034.6	1.833	0.263	595.3	
	9	5036.4	1.556	0.192	597.1	
	12	5036.4	1.417	0.151	597.1	
	15	5036.4	1.333	0.125	597.1	
	18	5038.2	1.278	0.106	598.9	
	21	5038.2	1.238	0.093	598.9	
	24	5038.2	1.208	0.082	598.9	
	27	5038.2	1.185	0.074	598.9	
	30	5038.2	1.167	0.067	598.9	
	33	5038.2	1.152	0.061	598.9	
4	34	5038.2	1.147	0.060	598.9	
5	0	4344.3				INITIAL SHUT-IN
	10	4729.8				FINAL FLOW(1)
	20	4955.7				
	30	5040.0				
	40	5040.0				
	50	5040.0				
	60	5040.0				
	70	5041.8				
	80	5041.8				
	90	5041.8				
	100	5041.8				
	110	5041.8				
6	112	5041.8				FINAL FLOW(2)
6	0	5041.8				STARTED SHUT-IN
	1	5043.6	113.000	2.053	1.8	
	2	5043.6	57.000	1.756	1.8	

COMPUTERIZED DATA ANALYSIS

DECEMBER 13, 1977

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 ADEQUATE SHUT-IN BUILD-UPS DID OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS. RESERVOIR PARAMETERS WERE CALCULATED BY THE HORNER METHOD.

1. FLOW RATE: A TOTAL LIQUID RATE OF 204 BBL/DAY WAS NOTED DURING THIS TEST.
2. RESERVOIR PRESSURE: MECHANICAL STABILIZATION OF THE INITIAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 4953 P.S.I.G. AT RECORDER DEPTH. MECHANICAL STABILIZATION OF THE FINAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 4987 P.S.I.G. AT RECORDER DEPTH. THE DIFFERENCE BETWEEN THE INITIAL AND FINAL SHUT-IN PRESSURE OF 34 P.S.I.G. IS INSIGNIFICANT.
3. PERMEABILITY: THE CALCULATED TRANSMISSIBILITY FACTOR OF 276.0 MD.-FT./CP. INDICATES AN AVERAGE EFFECTIVE PERMEABILITY TO WATER OF 3.18 MD. FOR THE REPORTED 87 FOOT TEST INTERVAL. THE CALCULATIONS WERE BASED ON A SLOPE OF 120 P.S.I./LOG CYCLE OBTAINED FROM THE FINAL SHUT-IN BUILD-UP PLOT. IT WAS ASSUMED FOR THESE CALCULATIONS THE PRODUCT OF THE WATER'S VISCOSITY AND FORMATION VOLUME FACTOR TO BE 1.0.
4. WELL BORE DAMAGE: THE CALCULATED DAMAGE RATIO OF 3.87 INDICATES THAT 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 3.87 TIMES IF THE WELL BORE DAMAGE ALONE WERE REMOVED.
5. RADIUS OF INVESTIGATION: THE CALCULATED RADIUS OF INVESTIGATION OF THIS TEST IS 174 FEET BASED ON AN ASSUMED POROSITY OF 5%, COMPRESSIBILITY OF 3.3×10^{-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.

Kent Arceneaux
 KENT ARCENEUX
 RESERVOIR EVALUATION
 DEPARTMENT

FIELD REPORT #22751 D

DIXEL RESOURCES, INC.
 GUNNISON STATE #1; JUAB COUNTY, UTAH
 TEST #1; 14,665' TO 14,752'
 LOCATION: SEC. 15, 16S, 1W

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



JOHNSTON

Recorder No. J-1158Field Report No. 22751 D

Damage Ratio	DR	3.87		Effective Transmissibility WATER	$\frac{Kh}{\mu B}$	276.0	$\frac{Md-ft.}{Cp.}$
Maximum Reservoir Pressure FINAL SHUT-IN	P _o	4987	P.S.I.G.	Effective Transmissibility	$\frac{Kh}{\mu B}$	-	$\frac{Md-ft.}{Cp.}$
Slope of Shut-in Curve FINAL SHUT-IN	M	120	PSI/log cycle	Flow Rate (FINAL FLOW PERIOD) WATER	Q	204	Bbl./day
Potentiometric Surface (Datum Plane, Sea Level)	PS	4759	ft.	Pressure Gradient		0.340	PSI/ft.
Productivity Index	PI	0.09	Bbl./day/PSI	Gas Oil Ratio	GOR	-	CF/Bbl.
Radius of Investigation		174	ft.	K (Effective to WATER)		3.18	Md.

$$\text{SLOPE } M = 5045 - 4925 = 120$$

Assumptions made for Calculations for Liquid Recoveries

- Q is averaged at a constant rate.
- P_r 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:

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

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

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

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

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

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.

5200

151

FR NO. 22751

5100

5000

PRESSURE (P.S.I. Ga.)

4900

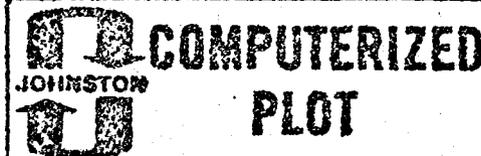
4800

4700

1.0

0.5

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



4800 EST
FR NO: 22751

4600

4400

4200

4000

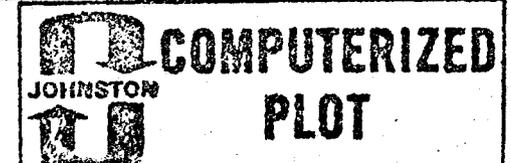
3800

PRESSURE (P.S.I.G.)

2.0

1.0

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



DRILL STEM TESTS: (continued)

DST No. 2 - 14,766-15,274' (open hole to 15,833') (Navajo)
Recovered 25.27 BW cushion, 21.66 BM, 63.73 BW (11,000 ppmCl),
IHP 6657 - 6603
IFP 3813 - 5045 / 3784 - 4997 (10 min)
ISIP 5081 (60 min)
FFP 4357 - 5081 / 4315 - 5033 (120 min)
FSIP 5081
FHP 6650 - 6567
Sample chamber - 2200 cc water (18,200 ppmCl)
BHT 2310

FORMATION TOPS:

Flagstaff	surface	
North Horn	1025	+6893
Indianola	2540	+5378
Arapien - Salt	10,980	-3062
Arapien - Lower	11,930	-4012
Twin Creek	14,665	-6747
Navajo	14,735	-6817
Kayenta (Smpl)	15,600	-7682
Wingate (Smpl)	15,742	-7824

GEOLOGY:

Stratigraphy

The well was spudded near the top of the Flagstaff formation. This unit is composed of white, tan, light gray, brown dense limestone, interbedded with sandstone and red shales.

The North Horn formation (1025-2540') is composed of brownish-red shale, sandstones of red, red-brown, ochre, gray and lavender, very conglomeratic.

The Indianola formation (2540-10,980') is composed of orogenic deposits of arkosic shales, red, red-brown, lavender and conglomeratic sandstones. These sediments totally replace the marine and marginal marine Cretaceous and Jurassic units normally found toward the east.

The Jurassic Arapien Salt (10,980-11,930) consists predominantly of massive salt with a few shale and sandstone breaks.

The lower Arapien (11,930-14,665') consists of shale and sands interbedded with thin to thick beds of anhydrite in the upper part. The lower part is medium to dark gray shales, very calcareous and dense, grading to argillaceous limestone.

The Twin Creek (14,665-14,735') is a limestone, gray to brown gray, finely crystalline, filled with brown oolites.

GEOLOGY:

Stratigraphy (continued)

The Navajo (14,735-15,600') is composed of very silicious sandstone, conglomeratic, white, tan to pink. The upper 30-50' was hard and quartzitic.

The Kayenta (15,600-15,742') was picked on samples where red shales are interbedded with sandstones.

The Wingate (15,742-15,833'+) was also picked on samples. The sands were very similar to the Navajo but have more small dark to black specks disseminated through the sand grains.

Frank P. Turner
Consultant Geologist

SURFACE INFORMATION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool	1536	-	CLOSED
MAXIMUM SURFACE PRESSURE .147 P.S.I.G.			
CLOSED FOR INITIAL SHUT-IN	1546	-	"
FINISHED SHUT-IN	1636	-	"
RE-OPENED TOOL	1638	-	"
PRESSURE INCREASED AT APPROXIMATELY 0.40 P.S.I.G. PER MINUTE THROUGHOUT FLOW PERIOD			
CYCLED TOOL	1738	-	"
MAXIMUM PRESSURE 1.26 P.S.I.G.; ESTIMATED LIQUID RECOVERY APPROXIMATELY 18.4 BBLs FLUID			
CLOSED FOR FINAL SHUT-IN	1810	-	"
FINISHED SHUT-IN	2010	-	"
PULLED PACKER LOOSE	2011	-	-

Cushion Type	Amount	Pressure	Bottom Choke
WATER	3500'	-	Size 5/8"

MUD DATA

Mud Type	GEL - CHEMICAL	Wt.	9.8
Viscosity	70	Water Loss	9.6 C.C.
Resist. of Mud	1.7 @ 52 °F.	of Filtrate	1.3 @ 52 °F
Chloride Content	700		PPM

EQUIPMENT & HOLE DATA

Type Test	M.F.E. OPEN HOLE
Formation Tested	TWIN CREEK
Elevation	7911 Ft.
Net Productive Interval	87 Ft.
Estimated Porosity	5 %
All Depths Measured From	KELLY BUSHING
Total Depth	14,752 Ft.
Main Hole/Casing Size	6 1/2"
Rat Hole/Liner Size	-
Drill Collar Length	670' I.D. 1.75"
Drill Pipe Length	7964'; 5994' I.D. 3.64"; 2.76"
Packer Depth(s)	14,660 & 14,665 Ft.

**MULTI-FLOW EVALUATOR
FLUID SAMPLE DATA**

Sampler Pressure	0 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas	-
cc. Oil	-
cc. Water	2100
cc. Mud	-
Tot. Liquid cc.	2100
Gravity	- °API @ - °F.
Gas/Oil Ratio	- cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	.91 @ 48 °F.	8,000 ppm
Recovery Mud	- @ - °F.	
Recovery Mud Filtrate	- @ - °F.	- ppm
Mud Pit Sample	1.7 @ 52 °F.	
Mud Pit Sample Filtrate	1.3 @ 52 °F.	700 ppm

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
WATER CUSHION	3500	22.95				@ °F.	.72 @ 50 °F.	600
FORMATION WATER	2972	21.99				@ °F.	.91 @ 48 °F.	8,000
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks: "TELEFLOW TEST SYSTEM"

Address: THREE PARK CENTRAL; SUITE 1053; 1515 ARAPAHOE STREET; DENVER, COLORADO 80202

Company: DIXEL RESOURCES, INC. Field: WILD CAT

Well: GUNNISON STATE #1 Location: SEC. 15, 16S, 1W

Test Interval: 14,665' TO 14,752' Test #: 1 Date: 12-4-77

County: JUAB State: UTAH

Technician: WHEELER (ROCK SPRINGS) Test Approved By: MR. RED CAUDILL

Field Report No. 22751 D
No. Reports Requested 27 (13x)



PRESSURE LOG*

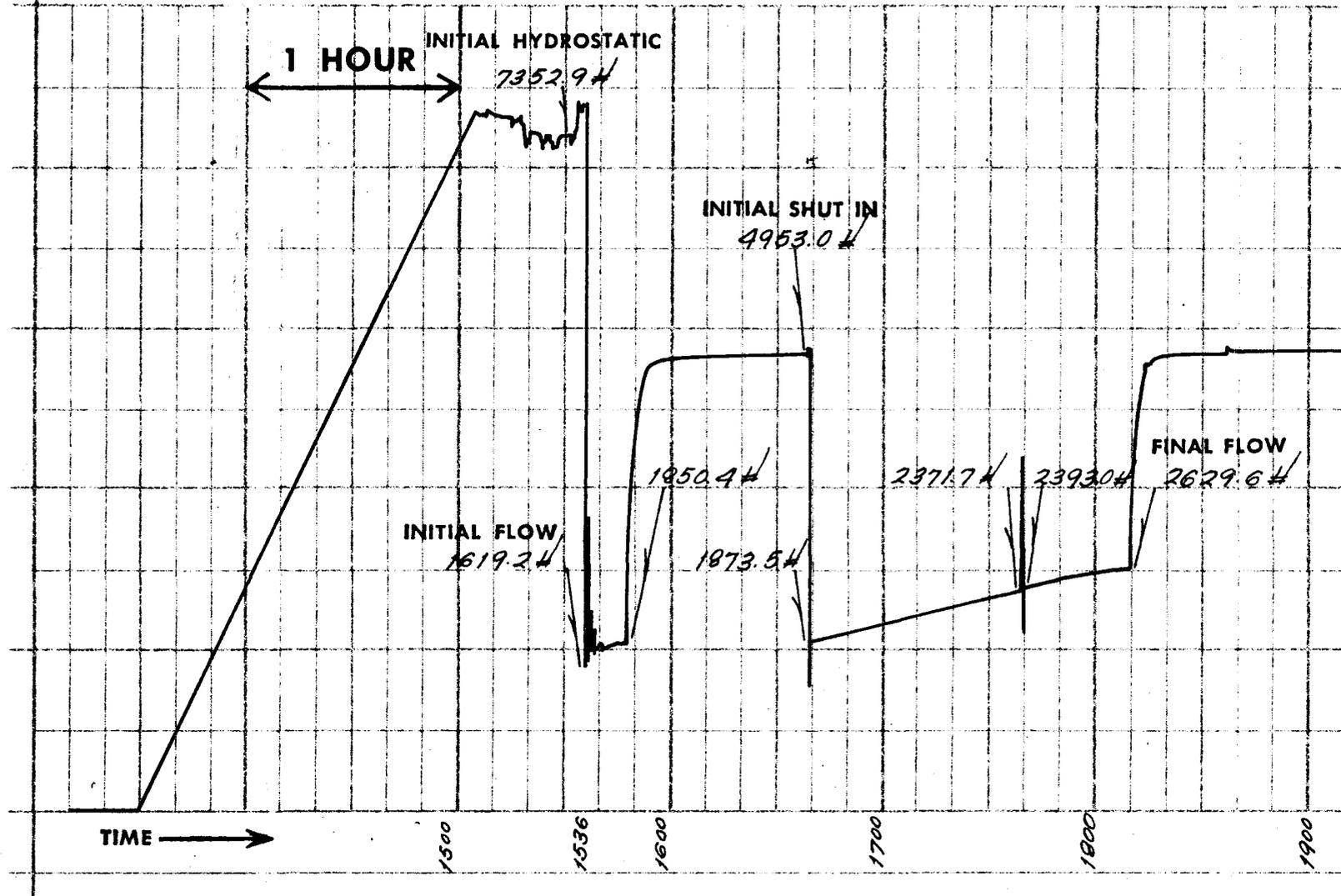
Field Report No. 22751 D

Instrument:
Number J-1158

Capacity 9000 p.s.i.

Depth 14667 ft.

*a continuous tracing of the original chart



FINAL HYDROSTATIC

7256.8

FINAL SHUT IN

4986.8

1 HOUR

2000

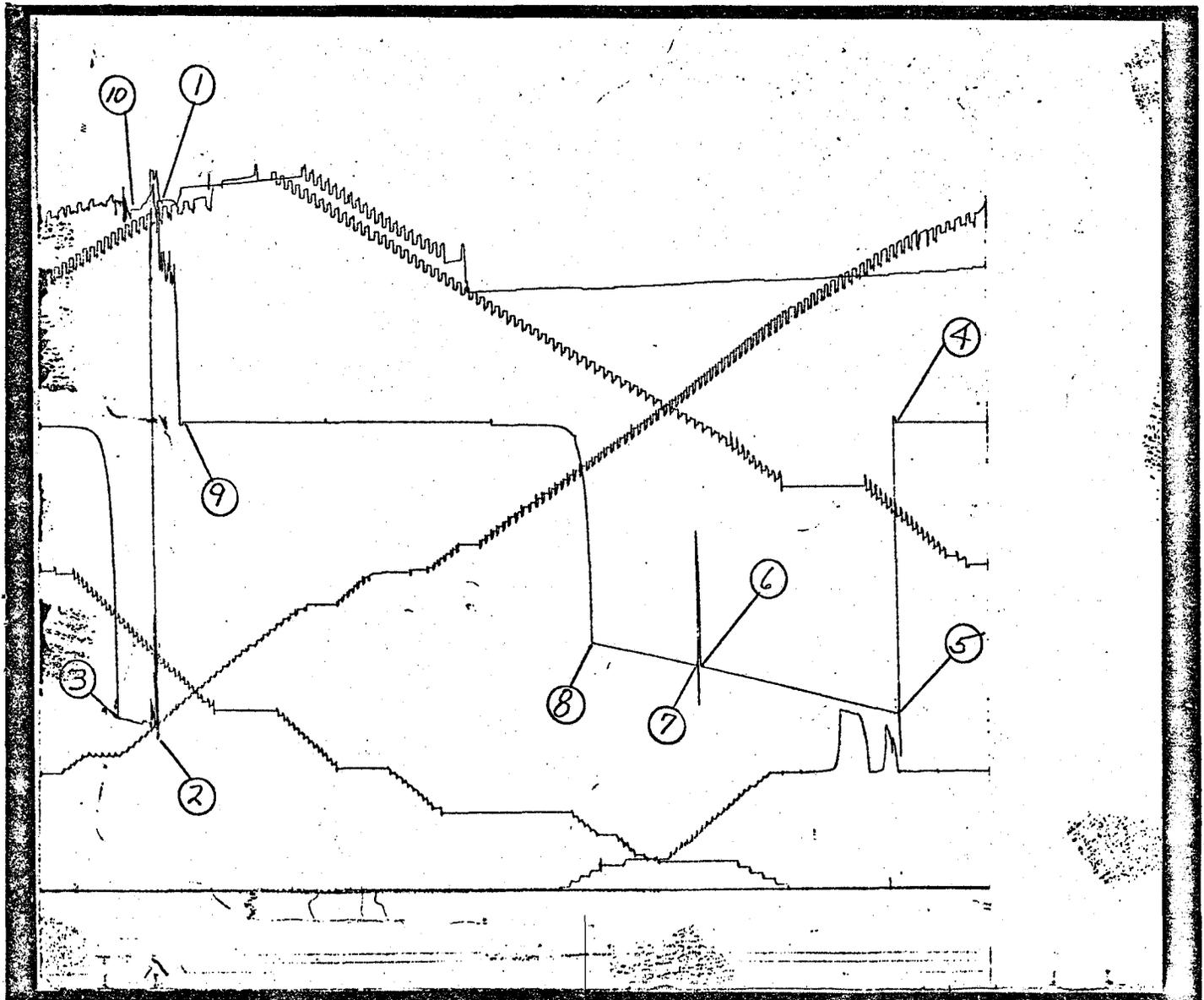
FIELD REPORT NO.: 22751 D

INSTRUMENT NO.: J-1158

CAPACITY: 9000#

NO. OF REPORTS: 27-

PRESSURE DATA FROM THIS CHART IS PRESENTED ON NEXT PAGE



BOTTOM HOLE PRESSURE AND TIME DATA



INSTRUMENT NO.: J-1158 CAPACITY(P.S.I.): 9000 DEPTH: 14667 FT.
 PORT OPENING: INSIDE BOTTOM HOLE TEMP.: 272 PAGE 1 OF 2

DESCRIPTION	LABELED POINTS	PRESSURE (P.S.I.)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD	1	7352.9		
INITIAL FLOW(1)	2	1619.2		
INITIAL FLOW(2)	3	1850.4	10	12
INITIAL SHUT-IN	4	4953.0	50	50
FINAL FLOW(1)	5	1873.5		
FINAL FLOW(2)	8	2629.6	92	91
FINAL SHUT-IN	9	4986.8	120	120
FINAL HYDROSTATIC MUD	10	7256.8		

INCREMENTAL READINGS

LABEL POINT	DELTA TIME	PRESSURE (P.S.I.)	T + DT/DT	LOG	PW - PF (P.S.I.)	COMMENTS
1		7352.9				HYDROSTATIC MUD INITIAL FLOW(1)
2	0	1619.2				
	5	1793.5				
	10	1838.0				INITIAL FLOW(2) STARTED SHUT-IN
3	12	1850.4				
3	0	1850.4				
	5	4792.9	3.400	0.531	2942.5	
	10	4933.4	2.200	0.342	3083.0	
	15	4949.4	1.800	0.255	3099.0	
	20	4953.0	1.600	0.204	3102.6	
	25	4953.0	1.480	0.170	3102.6	
	30	4953.0	1.400	0.146	3102.6	
	35	4953.0	1.343	0.128	3102.6	
	40	4953.0	1.300	0.114	3102.6	
	45	4953.0	1.267	0.103	3102.6	INITIAL SHUT-IN FINAL FLOW(1)
4	50	4953.0	1.240	0.093	3102.6	
5	0	1873.5				
	5	1907.4				
	10	1951.8				
	15	1994.5				
	20	2039.0				
	25	2083.5				
	30	2127.9				
	35	2170.6				
	40	2213.3				
	45	2256.0				
	50	2298.7				
	55	2339.6				
6	59	2371.7				CYCLED TOOL RE-OPENED TOOL
7	60	2393.0				
	65	2428.6				
	70	2469.5				
	75	2510.4				
	80	2546.0				
	85	2585.1				

LABEL POINT	DELTA TIME	PRESSURE (P.S.I.)	T + DT/DT	LOG	PW - PF (P.S.I.)	COMMENTS
	90	2624.3				
8	91	2629.6				FINAL FLOW(2)
8	0	2629.6				STARTED SHUT-IN
	1	3741.5	91.000	1.959	1111.9	
	2	4257.4	46.000	1.663	1627.8	
	3	4522.5	31.000	1.491	1892.9	
	4	4682.6	23.500	1.371	2053.0	
	5	4826.7	19.000	1.279	2197.1	
	6	4856.9	16.000	1.204	2227.3	
	7	4889.0	13.857	1.142	2259.3	
	8	4906.7	12.250	1.088	2277.1	
	9	4921.0	11.000	1.041	2291.4	
	10	4926.3	10.000	1.000	2296.7	
	12	4935.2	8.500	0.929	2305.6	
	14	4938.8	7.429	0.871	2309.1	
	16	4940.5	6.625	0.821	2310.9	
	18	4940.5	6.000	0.778	2310.9	
	20	4942.3	5.500	0.740	2312.7	
	22	4942.3	5.091	0.707	2312.7	
	24	4942.3	4.750	0.677	2312.7	
	26	4942.3	4.462	0.649	2312.7	
	28	4942.3	4.214	0.625	2312.7	
	30	4974.3	4.000	0.602	2344.7	
	35	4974.3	3.571	0.553	2344.7	
	40	4974.3	3.250	0.512	2344.7	
	45	4976.1	3.000	0.477	2346.5	
	50	4976.1	2.800	0.447	2346.5	
	55	4976.1	2.636	0.421	2346.5	
	60	4976.1	2.500	0.398	2346.5	
	65	4976.1	2.385	0.377	2346.5	
	70	4977.9	2.286	0.359	2348.3	
	75	4977.9	2.200	0.342	2348.3	
	80	4979.7	2.125	0.327	2350.1	
	85	4979.7	2.059	0.314	2350.1	
	90	4979.7	2.000	0.301	2350.1	
	95	4981.5	1.947	0.289	2351.8	
	100	4983.2	1.900	0.279	2353.6	
	105	4986.8	1.857	0.269	2357.2	
	110	4986.8	1.818	0.260	2357.2	
	115	4986.8	1.783	0.251	2357.2	
9	120	4986.8	1.750	0.243	2357.2	FINAL SHUT-IN
10		7256.8				HYDROSTATIC MUD

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

Lease No. ML 27303
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

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

Only

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

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

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
 Phone No. (801) 272-7346

Company Dixel Resources Incorporated
 Signed Frank P. Turner
 Title Designated Agent

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)
NE NW 15	16S	1E								12/1 - 12/3, Drilling from 14,656' to 14,752'. 12/3 - 12/5, Running DST #1, 14,665 - 14,752 Rec. 26bbls wtr. cushion 19 bbls fm. wtr. 12/5 - 12/6, Drilled from 14,752' to 14,795' 12/6 - 12/8, Lost cones in hole, fishing, & milling on junk. 12/8 - 12/16, Drilled from 14,795' to 14,983'. 12/16 - 12/19, twisted off, stuck, fishing. 12/19 - 12/22, Cond. hole reaming. 12/22 - 12/31, Drilling from 14,983' to 15,232'

GAS: (MCF)

Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of 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.**



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. ML 27303
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
January, 19 78

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
 Phone No. (802) 272-7346

Company Dixel Resources Incorporated
 Signed _____
 Title Designated Agent

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)
NE NW 15	16S	1E								1/1 - 1/21, Drilling from 15,232' to 15,752' 1/21 - 1/24, Lost cones in hole, milling and fishing on junk. 1/24 - 1/28, Drilling to 15,833' 1/28 - 1/30, Stuck drill pipe, working pipe - backed off at 15,117' 1/30 - 1/31, Running logs, Density, GR-caliper from 14,100 - 15,099', Sonic-14,100'-15,081', Dual-Ind. Lat. 14,100'-15,099' Dipmeter from 14,100'-15,080'

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

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

February 8, 1978

MEMO TO FILE:

Re: Dixel Resources
Well No. Gunnison State #1
NE NE Sec. 15, T. 16S., R. 1E.
Juab County, Utah

Dixel Resources has requested permission to plug and abandon the above named well. The pertinent data is as follows:

TOTAL DEPTH:	15,735'
P.B.T.D.	15,483' (top of fish)
30" casing	294' to surface
20" casing	2,894' to surface
13 3/8" casing	5,575' to surface
9 5/8" casing	10,982' to surface
7 5/8" casing	13,306' to 10,247'

The tops of open hole below casing is

Twin Creek	14,665'
Navajo	14,735'

As there will be no casing pulled, the operator was instructed to plug this well by putting a 100' plug across the bottom of the Twin Creek and top of the Navajo, as well as a ten (10) sack plug at the surface. The casing between plugs will be filled with heavy mud.



PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER
DIVISION OF OIL, GAS, & MINING

PLD/ksw

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

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 533-5771

Lease No. ML 27303
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

P

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Juab FIELD/LEASE No. 1 Gunnison State

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
February, 19 78

Agent's Address Frank P. Turner
2794 E. Apple Blossom Ln.
Salt Lake City, Utah 84117
 Phone No. (801) 272-7346

Company Dixel Resources Incorporated
 Signed Frank P. Turner
 Title Designated Agent

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)
NE NW 15	16S	1E								2/1 - 2/2, T.D. 15,833' Fishing for stuck pipe. 2/2 - 2/3, Working pipe 2/3 - 2/4, Attempting to run Temp-Decay-Time log through fish. unsuccessful. 2/4 - 2/5, WOO 2/5 - 2/6, Running DST #2 14,766-15,274 (open hole to 15,833) Rec. 25.66 bbl water cush., 21.66 bbls drlg mud, 63.73 bbls wtr. (11,000 ppmCl). IHP 6657 - 6603 IFP 3813-5045/3784-4997 ISP 5081 - 5023 FFP 4357-5081/4315-5033 FSIP 5081 - 5033 FHP 6650 - 6567 BHT 231' 2/6 - 2/8, Running velocity survey. Prep. to plug and abandone. 2/8 - 2/9, D & A, Cmt plug 200' @ 14,600' 14,880' Cmt plug 200' @ 10,147'-10,347' Perf. 5300' displaced 175' cmt. between 9 5/8" and 13 5/8" csg.

GAS: (MCF)

Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost : _____
 Reason: _____
 On hand at end of 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 neagative report must be filed. *THIS REPORT MUST BE FILED*



P

JOHNSTON
Schlumberger

**technical
report**

COMPANY DIXEL RESOURCES, INC. WELL GUNNISON STATE #1 TEST NO. 2 COUNTY JUAB STATE UTAH

SURFACE INFORMATION			
Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool	0925	-	1/8"
BLOW 7" IN WATER			
BLOW INCREASED TO 2 1/2" IN WATER	0930	-	"
CLOSED FOR INITIAL SHUT-IN	0930	-	"
FINISHED SHUT-IN	1005	-	"
RE-OPENED TOOL	1007	-	"
BLOW 1" IN WATER			
BLOW 4" IN WATER	1015	-	"
BLOW 9" IN WATER	1023	-	"
BLOW 13" IN WATER	1037	-	"
BLOW 12 1/2" IN WATER	1040	-	"
BLOW 10" IN WATER	1057	-	"
BLOW 6" IN WATER	1127	-	"
BLOW 3" IN WATER	1200	-	"
CLOSED FOR FINAL SHUT-IN	1200	-	"
FINISHED SHUT-IN	1400	-	"
PULLED PACKER LOOSE	1403	-	-

EQUIPMENT & HOLE DATA	
Type Test	M.F.E. OPEN HOLE
Formation Tested	NAVAJO
Elevation	7983 GR Ft.
Net Productive Interval	508 Ft.
Estimated Porosity	10 %
All Depths Measured From	KELLY BUSHING
Total Depth	15274 Ft.
Main Hole/Casing Size	6 1/2"
Rat Hole/Liner Size	-
Drill Collar Length	263' I.D. 2.00"
Drill Pipe Length	8370'; 6099' I.D. 3.6"; 2.7"
Packer Depth(s)	14760 & 14766 Ft.

**MULTI-FLOW EVALUATOR
FLUID SAMPLE DATA**

Sampler Pressure	P.S.I.G. at Surface	
Recovery: Cu. Ft. Gas	-	
cc. Oil	-	
cc. Water	2200	
cc. Mud	-	
Tot. Liquid cc.	2200	
Gravity	- °API @ - °F.	
Gas/Oil Ratio	-	cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	.3 @ 72 °F.	18,200 ppm
Recovery Mud	- @ - °F.	
Recovery Mud Filtrate	- @ - °F.	- ppm
Mud Pit Sample	2.0 @ 50 °F.	
Mud Pit Sample Filtrate	- @ - °F.	400 ppm

Cushion Type	Amount	Pressure	Bottom Choke
WATER	3307'		Size 15/16"

MUD DATA			
Mud Type	LOW SOLID GEL	Wt.	8.8
Viscosity	52	Water Loss	10.6 C.C.
Resist. of Mud	2.0 @ 50 °F.	of Filtrate	- @ - °F.
Chloride Content	400		PPM

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
WATER CUSHION	1959	13.58				@ °F.	@ °F.	
DRILLING MUD CUT WATER	1369	10.13				@ °F.	@ °F.	
CUSHION						@ °F.	@ °F.	
DRILLING MUD	1679	12.42				@ °F.	2.0 @ 50 °F.	400
WATER	6099	71.25				@ °F.	.6 @ 58 °F.	11,000
WATER	243	3.13				@ °F.	.6 @ 58 °F.	11,000
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks: _____

Address 4545 POST OAK PLACE; HOUSTON, TEXAS 77027

Company DIXEL RESOURCES, INC. Field WILD CAT

Well GUNNISON STATE #1 Location SEC. 15 - T16S - R1E

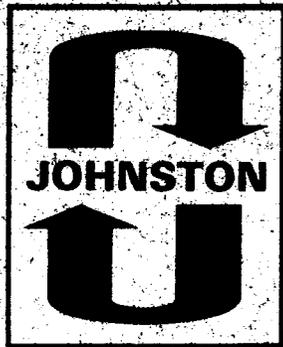
Test Interval 14,766' TO 15,274' Test # 2 Date 2-5-78

County JUAB State UTAH

Technician RICHARDS (VERNAL) Test Approved By -

Field Report No.	09704 D
No. Reports Requested	27 (13X)

LABEL POINT	DELTA TIME	PRESSURE (P.S.I.)	T + DT/DT	LOG	PW - PF (P.S.I.)	COMMENTS
	3	5043.6	38.333	1.584	1.8	
	4	5043.6	29.000	1.462	1.8	
	5	5043.6	23.400	1.369	1.8	
	6	5043.6	19.667	1.294	1.8	
	7	5043.6	17.000	1.230	1.8	
	8	5043.6	15.000	1.176	1.8	
	9	5043.6	13.444	1.129	1.8	
	10	5043.6	12.200	1.086	1.8	
	12	5043.6	10.333	1.014	1.8	
	14	5043.6	9.000	0.954	1.8	
	16	5043.6	8.000	0.903	1.8	
	18	5043.6	7.222	0.859	1.8	
	20	5043.6	6.600	0.820	1.8	
	22	5043.6	6.091	0.785	1.8	
	24	5043.6	5.667	0.753	1.8	
	26	5043.6	5.308	0.725	1.8	
	28	5043.6	5.000	0.699	1.8	
	30	5043.6	4.733	0.675	1.8	
	35	5043.6	4.200	0.623	1.8	
	40	5043.6	3.800	0.580	1.8	
	45	5043.6	3.489	0.543	1.8	
	50	5043.6	3.240	0.511	1.8	
	55	5043.6	3.036	0.482	1.8	
	60	5043.6	2.867	0.457	1.8	
	65	5043.6	2.723	0.435	1.8	
	70	5043.6	2.600	0.415	1.8	
	75	5043.6	2.493	0.397	1.8	
	80	5043.6	2.400	0.380	1.8	
	85	5043.6	2.318	0.365	1.8	
	90	5043.6	2.244	0.351	1.8	
	95	5043.6	2.179	0.338	1.8	
	100	5043.6	2.120	0.326	1.8	
	105	5043.6	2.067	0.315	1.8	
	110	5043.6	2.018	0.305	1.8	
	115	5043.6	1.974	0.295	1.8	
	120	5043.6	1.933	0.286	1.8	
7	121	5043.6	1.926	0.285	1.8	
8		6601.9				FINAL SHUT-IN HYDROSTATIC MUD



PRESSURE LOG*

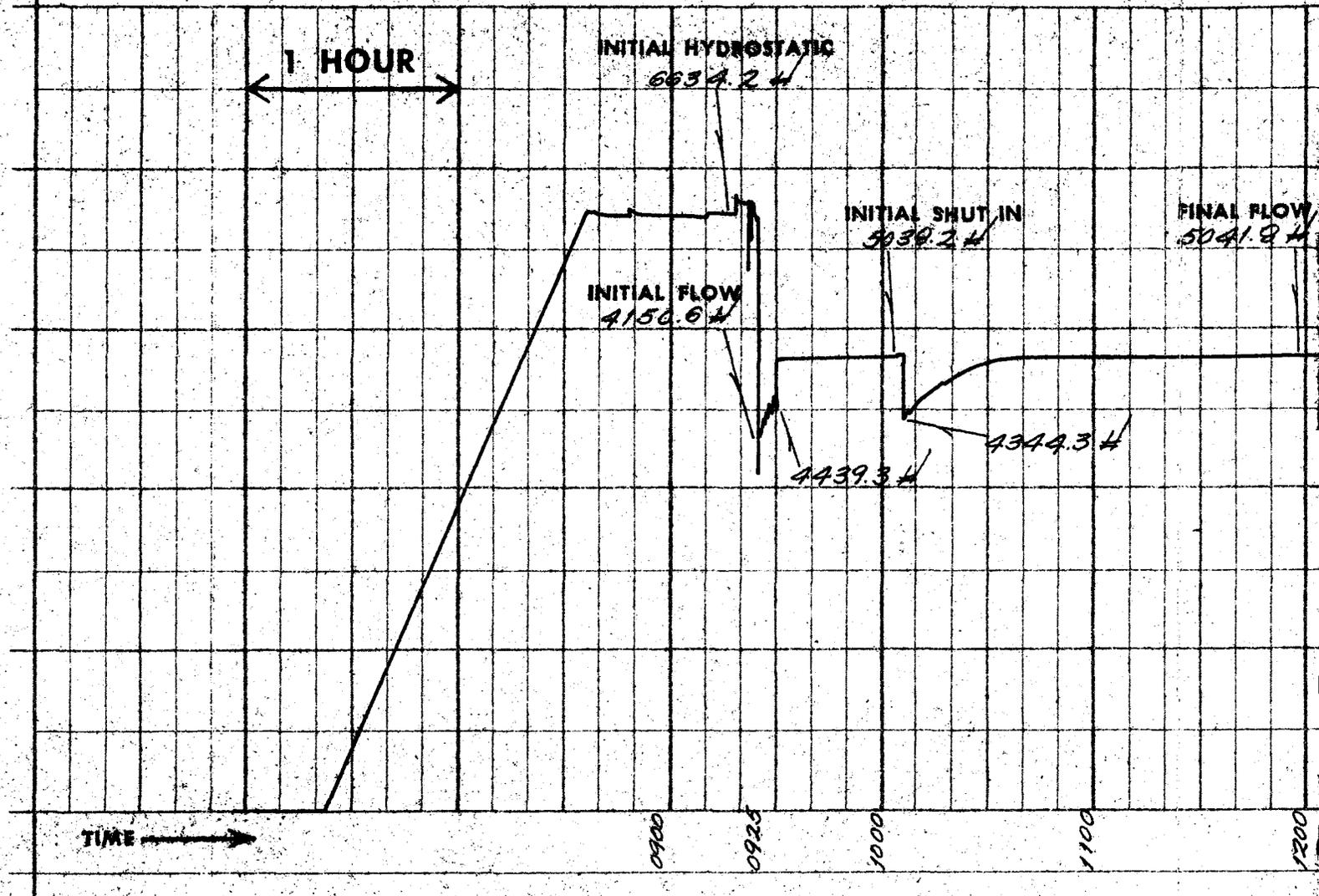
Field Report No. 09704 D

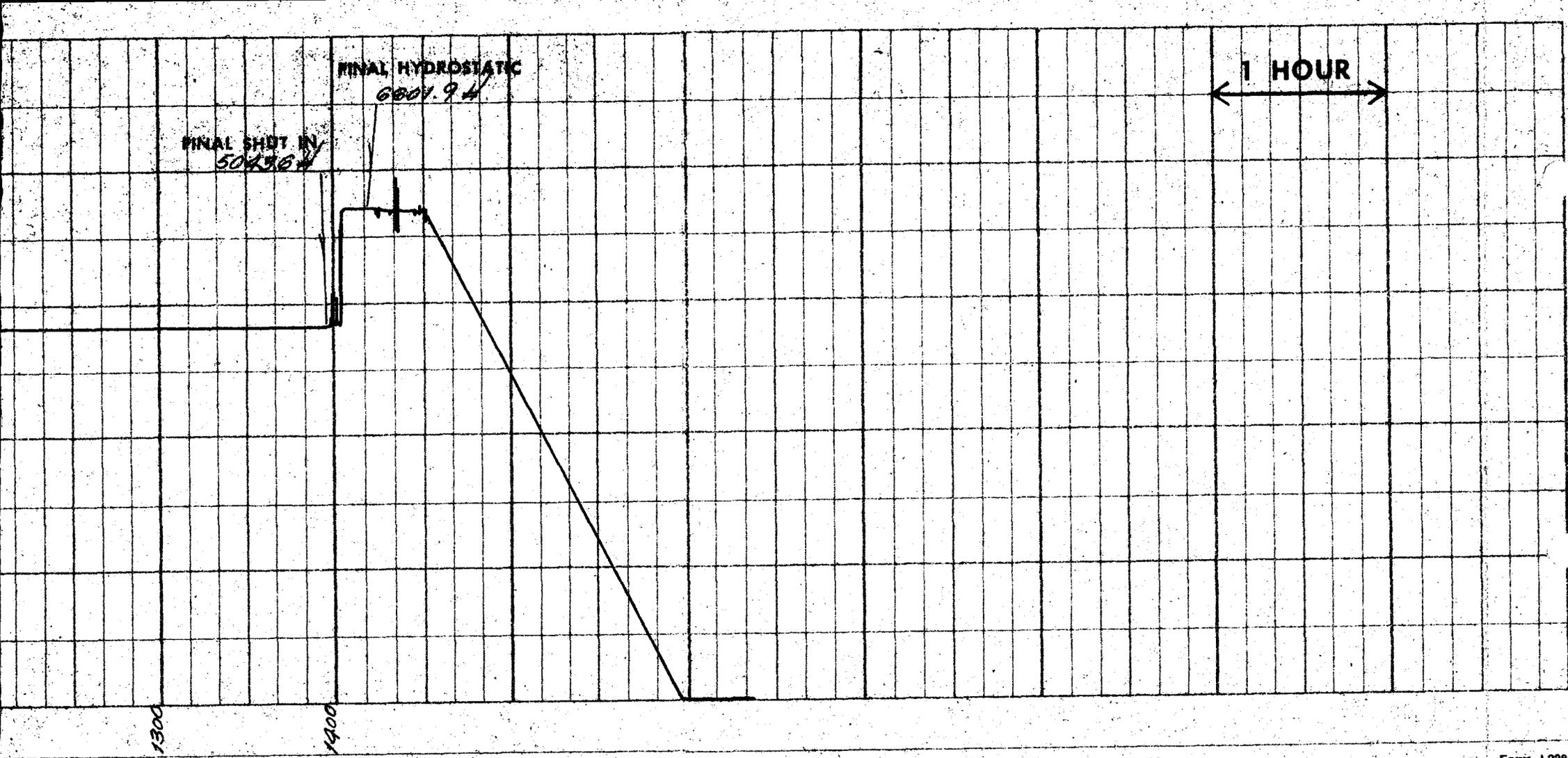
Instrument:
Number J-533

Capacity 9000 p.s.i.

Depth 14777 ft.

*a continuous tracing of the original chart





FINAL HYDROSTATIC
6801.94

FINAL SHOT IN
501304

1 HOUR

1300

1400

Dixel Resources Incorporated
Rocky Mountain District



WELL COMPLETION REPORT

for the

DIXEL RESOURCES INCORPORATED

#1 GUNNISON STATE

NW NE NE Section 15

Township 16 South, Range 1 East

Juab County, Utah

*Frank P. Turner
Consulting Geologist*

February 12, 1978

MAR 6 1978

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
Utah State Lease ML-27303

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT



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
Dixel Resources Incorporated

3. ADDRESS OF OPERATOR
4545 Post Oak Place, Houston, Texas 77027

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **656' FNL, 1018' FEL (NW NE NE) Sec.15, T.16 S.-**
At top prod. interval reported below **R.1 E. SLBM**
At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Gunnison - State

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 15, T.16 S.- R.1 E., SLBM

12. COUNTY OR PARISH
Juab

13. STATE
Utah

15. DATE SPUDDED. **10/29/76** 16. DATE T.D. REACHED **1/28/78** 17. DATE COMPL. (Ready to prod.) **2/9/78** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **D & A 7893 GL 7918 KB*** 19. ELEV. CASINGHEAD **7897**

20. TOTAL DEPTH, MD & TVD **15,833** 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **0'-15,833'** ROTARY TOOLS CABLE TOOLS

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

26. TYPE ELECTRIC AND OTHER LOGS RUN **Mud Log, Geologic Sample Log, Den-Neutron CR Calip, Dual Ind-Lat., Int-Sonic, Dipmeter** 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
30"	257.53	294	36"	600 sx Howco Lite	None
20"	133	2894	26"	550 sx Howco 1000 sx C	None
13 3/8"	72	5575	17 1/2"	845 sx Howco, 890 sx C	None
9 5/8"	62.8	10,982	12 1/4"	1770 sx Howco Lite	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7 5/8"	10,247	13,036	581	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

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

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 Frank G. Turner TITLE **Consultant Geologist Designated Agent** DATE **Feb. 12, 1978**

*(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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			TOP
			MEAS. DEPTH
			TUB VERT. DEPTH
Twin Creek	14,665'	14,735'	Limestone, med to dk gray, finely xln with brown oolites set in white matrix, No show. DST # 1 - 14,665 - 14,752, Rec. 26 bbl wtr cush, 19 bbls wtr (8000 ppmCl) IHP 7566, IFP 1767-1852, 10 min. ISIP 4958, 50 min. FFP 1878-2635, 92 min. FSIP 4986, 120 min. FHP 7380 BHT 272'.
Navajo	14,735'	15,600'	Sandstone, vf to crs grain, silic white, pink, tan, congl well round. DST # 2 - 14,766 - 15,274, (open to 15,833) Rec. 25.27 wtr cush, 21.66 bbls mud, 63.73 bbls wtr (11,000 ppmCl) IHP 6657-6603, IFP 3813-5045/3784-4997, 10 min. ISP 5081 60 min. FFP 4357-5081/4315-5033, 120 min. FSIP 5081, FHP 6650-6567, sp1 cham 2200 cc wtr (18,200 ppmCl) BHT 231'.
			Flagstaff Surface North Horn 1025 Indianola 2540 Carmel salt 10,980 Arapien lower 11,930 Twin Creek 14,665 Navajo 14,735 Kayenta(sp1) 15,600 Wingate(sp1) 15,742
			Note - Top of fish left in hole - 15,274

Dixel Resources Incorporated

March 22, 1978

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
Salt Lake City, Utah 84116

Re: Plug and Abandonment
Gunnison State #1
Juab County, Utah

ok

Gentlemen:

Enclosed you will find in triplicate Form OGC-1b, Subsequent Report of Abandonment, for the above captioned well.

If you have any questions, please contact me.

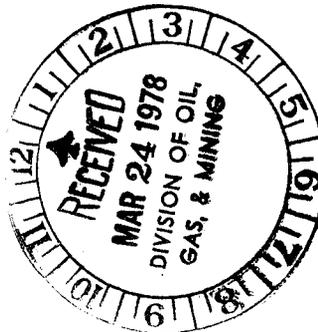
Yours truly,
DIXEL RESOURCES INCORPORATED

C. E. Hackstedt
C. E. Hackstedt
Operations Manager

CEH:jj

Enclosures (3)

cc: All Partners



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

5. LEASE DESIGNATION AND SERIAL NO.
Utah State Lse ML-27303

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Gunnison State

9. WELL NO.
No. 1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 15, T16S, R1E, SLBM

12. COUNTY OR PARISH
Juab

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

2. NAME OF OPERATOR
DIXEL RESOURCES INCORPORATED

3. ADDRESS OF OPERATOR
P. O. Box 27189, Houston, Texas 77027

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
656' FNL, 1018' FEL (NW NE NE) Section 15, T16S, R1E, SLBM.

14. PERMIT NO.
ML 27303

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 7893' KB 7918'

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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input 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.)*

Well plugged and abandoned on February 9, 1978.
Cement plugs:
50' plug (20 sx) at surface
200' plug (57 sx) at 10,147-10,347'
200' plug (40 sx) at 14,600-14,800'
Perf at 5400'. Set cement retainer at 5300', squeezed 75 sx of cement between 9-5/8" and 13-3/8" casing.

No casing was pulled from well.



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

SIGNED C. E. Hackett TITLE Operations Manager DATE 3/22/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



DIVISION OF STATE LANDS
DEPARTMENT OF NATURAL RESOURCES
 105 STATE CAPITOL BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5381

Scott M. Matheson
 Governor

Gordon E. Harmston
 Executive Director
 Dept. of Natural Resources

William K. Dinehart
 Director

7

July 14, 1978

CERTIFIED MAIL

Miss Lori Short
 The Travelers Insurance Companies
 Cherry Creek Center
 101 University Boulevard
 Denver, CO
 80206

File
 Dixel well



Dear Miss Short:

This office has received your letter of June 19, 1978, concerning your intention to terminate bond No. 197E8942, Dixel Resources, Inc., which was submitted to this office to cover operations under ML 27303.

This is to advise you that on July 11, 1978, I made an inspection of the location of Dixel Resources' well No. Gunnison State No. 1, NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 15, Township 16 South, Range 1 East, SLM., Juab County, Utah, and found this location to be an absolute mess. The location has not been cleaned. There is a large amount of garbage, unused circulation material, pipe, broken wood pallet, and cable scattered all over the location. A standard dry hole marker has not been erected. The mud pits are still open and contain a considerable amount of water and oil. Therefore, this is notice to your company that this bond will not be released until this location is properly cleaned, the mud pits filled and covered, the dry hole marker erected, and the drill site reseeded with grass.

By letter of this date, we are serving notice on Dixel Resources, Inc., that unless this location is properly restored within 30 days, we will foreclose on this bond to have the location cleaned and properly restored.

Yours very truly,

DONALD G. PRINCE
 ASSISTANT DIRECTOR

DGP/vb1
 cc Dixel Resources, Inc.
 Division of Oil, Gas, and Mining

BOARD MEMBERS

- Don Showalter, Chairman
Eastern Areas
- Dr. Walter D. Talbot
ex-officio
- Kenneth A. Middleton
Southwestern
- Warren C. Haycock
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- Arden B. Gundersen
Forestry & Fire
- Paul S. Rattle
Southeastern
- Margaret Bird
Central



DIVISION OF STATE LANDS
DEPARTMENT OF NATURAL RESOURCES
 105 STATE CAPITOL BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5381

Scott M. Matheson
 Governor

Gordon E. Harmston
 Executive Director
 Dept. of Natural Resources

William K. Dinehart
 Director

July 14, 1978

CERTIFIED MAIL

Dixel Resources Incorporated
 P.O. Box 27189
 Houston, TX
 77027

*File
 Dixel*



ATTENTION Terry N. Stove
 Vice President

Gentlemen:

Reference is made to my letter of June 15, 1978, in which I indicated I would make an inspection of the location of your Gunnison State No. 1 well in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 15, Township 16 South, Range 1 East, SLM., Juab County, Utah.

I made this inspection on July 11, 1978; and to be quite frank with you, the location of this well is an absolute mess. There is a large amount of garbage scattered all over the drill site. There is a broken pallet, unused bags of circulation material, some pipe, cable, and other debris all over the location. The mud pits are still open and contain water and some oil and constitute a very dangerous situation being on the hillside as they are. The dry hole marker has not been erected, and the hole is covered by a 55-gallon oil drum placed upside down over the hole.

You are hereby advised that unless this location is cleaned and restored, the dry hole marker properly installed, and the location reseeded within 30 days from the date of this letter, it is our intention to foreclose on the bond which you have submitted and have this work done. If you have any questions concerning this matter, please contact me before July 23 since I will be out of town from July 23 to August 5.

Yours very truly,

DONALD G. PRINCE
 ASSISTANT DIRECTOR

DGP/vb1

cc The Travelers Insurance Companies
 Division of Oil, Gas, and Mining ✓

BOARD MEMBERS

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 ex-officio

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Arden B. Gundersen
 Forestry & Fire

Paul S. Rattle
 Southeastern

Margaret Bird
 Central



DIVISION OF STATE LANDS
DEPARTMENT OF NATURAL RESOURCES
Room 411 Empire Building
231 East Fourth South
Salt Lake City, Utah 84111
(801) 533-5381

P *Z*
Scott M. Matheson
Governor
Gordon E. Harmston
Executive Director
Dept. of Natural Resources
William K. Dinehart
Director

August 24, 1978

Dixel Resources Incorporated
P.O. Box 27189
Houston, TX
77027

ATTENTION Terry N. Stove
Vice President

Gentlemen:

On August 22 I visited the location of your Gunnison State No. 1 well in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 15, Township 16 South, Range 1 East, SLM., Juab County, Utah.

At the time, Mr. Madsen was on this location working to clean up and restore this location. Mr. Madsen has made considerable progress toward the restoration of the location in that he has gathered and burned a large amount of debris that was on the well site, and he is now beginning to fill in the mud pit. However, he indicated that it will be several days before the pit will be filled in. Also, he still has to remove some pieces of various sizes of pipe and cable from the location and to bury the garbage pit which the drilling contractor had on the east side of the mud pit. Mr. Madsen indicated that he is having trouble with a Caterpillar tractor, but that he will proceed with all possible haste to get this location cleaned.

We will have another inspection made of this site some time next week; and if Mr. Madsen has cleaned up the site, we will then release your bond.

Yours very truly,

DONALD G. PRINCE
ASSISTANT DIRECTOR

DGP/vb1

cc. Travelers Insurance Company
ATTENTION Susan M. Perry

Mr. Jack Madsen

Division of Oil, Gas & Mining **BOARD MEMBERS**

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ex-officio

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Forestry & Fire

Paul S. Rattle
Southeastern

Marga
C



DIVISION OF STATE LANDS
DEPARTMENT OF NATURAL RESOURCES
 ROOM 411 EMPIRE BUILDING
 231 EAST 400 SOUTH
 SALT LAKE CITY, UTAH 84111
 (801) 533-5381

Scott M. Matheson
Governor

Gordon E. Harmston
Executive Director
 Dept. of Natural Resources

William K. Dinehart
Director

September 26, 1978

CERTIFIED MAIL

Dixel Resources
 P.O. Box 27189
 Houston, TX
 77027



File in well
File

ATTENTION Terry N. Stover

Gentlemen:

On September 21, 1978, I again examined the location of the Dixel Gunnison State No. 1 well in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 15, Township 16 South, Range 1 East, SLM., Juab County, Utah; and this is to advise you that this well has not yet been properly cleaned and restored.

Mr. Jack Madsen has done some work in cleaning up the debris on the well site, but the mud pit and the garbage pit at the East end of the mud pit have not yet been filled. The heavy storm which we had in this area on September 17 and 18 will probably delay more work for a considerable amount of time since there is snow in the area, and the whole location is covered with up to six or eight inches of water; and I am not sure whether Mr. Madsen will be able to restore this well before Spring now or not.

This is to advise you that we will not attempt any further inspections of this site until you advise us that Mr. Madsen has completed restoration of this site, and we will not release the bond until the location is restored.

Yours very truly,

DONALD G. PRINCE
 ASSISTANT DIRECTOR

DGP/vb1

cc Harlon Incorporated of Colorado

Division of Oil, Gas, and Mining ✓

Mr. Jack Madsen

BOARD MEMBERS

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