

10/8/76 - plugged & abandoned -

Effective September 1, 1964, Tenneco Oil Company purchased this well from Delhi-Taylor Oil Corporation

Report sent out

dated in

location

appro

to

ore

Affidavit and Record of A & P

Well Log Filed

FILE NOTATIONS

Entered in NID File   
Entered On SR Sheet   
Location Map Pinned   
Card Indexed   
IWR for State or Fee Land

Checked by Chief \_\_\_\_\_  
Copy NID to Field Office \_\_\_\_\_  
Approval Letter   
Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

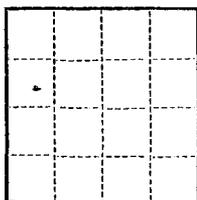
Date Well Completed 11-15-56  
OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
GW  OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected \_\_\_\_\_  
Bond released \_\_\_\_\_  
State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 2-19-57  
Electric Logs (No. ) 4

E  I \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro   
Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others Radioactivity  
Temperature



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U - 01337  
Unit Joe's Valley

SUNDRY NOTICES AND REPORTS ON WELLS

|   |                                     |   |  |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO DRILL.....                   | <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |  |
| NOTICE OF INTENTION TO CHANGE PLANS.....            |                                     | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |  |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     |                                     | SUBSEQUENT REPORT OF ALTERING CASING.....       |  |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... |                                     | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |  |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        |                                     | SUBSEQUENT REPORT OF ABANDONMENT.....           |  |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    |                                     | SUPPLEMENTARY WELL HISTORY.....                 |  |
| NOTICE OF INTENTION TO ABANDON WELL.....            |                                     |   |  |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 8, 1956

Well No. 3 is located 1560 ft. from N line and 600 ft. from E line of sec. 20

SW $\frac{1}{4}$  NW $\frac{1}{4}$  Sec. 20      15S      6E      Salt Lake Base  
( $\frac{1}{4}$  Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Joe's Valley Unit      Sanpete      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 8950 ft. Ground (Approximate Ele.)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

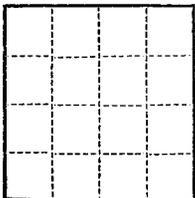
We propose to drill this Well with Rotary Tools to the approximate total depth of 8100', to test specifically the Ferron Sand formation (approximate depth 7100'), and the Dakota formation (approximate depth 8100'), to test for commercial oil and gas production.

We propose the following casing program:

550' - 13-3/8"OD 8rd.thd., 48#, Grade H-40, API Smls, casing with ST&C, to be cemented with 300 sacks of cement, by circulation to surface.  
0 - 680      680' - 7"OD 8rd.thd., 23#, Grade J-55, API Smls, Casing with ST&C  
680 - 5540      4860' - 7"OD 8rd.thd., 23#, Grade J-55, API Smls, Casing with LT&C  
5540 - 7200      1660' - 7"OD 8rd.thd., 23#, Grade N-80, API Smls, Casing with LT&C  
7200' - 7"OD casing to be cemented with 150 sacks cement.

Upon setting the 7"OD casing at the top of the Ferron formation, approximately 7100', we propose to drill the Ferron Sand with Natural Gas. Depending upon the volume of gas being produced from the Ferron Sand, we will either; "A" - Continue drilling to the Dakota with Natural Gas, or, "B" - Run 5"OD 15#, Grade J-55, Spang Extremeline casing to

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U - 01337  
Unit Joe's Valley

SUNDRY NOTICES AND REPORTS ON WELLS

|   |                                     |   |  |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO DRILL.....                   | <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |  |
| NOTICE OF INTENTION TO CHANGE PLANS.....            |                                     | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |  |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     |                                     | SUBSEQUENT REPORT OF ALTERING CASING.....       |  |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... |                                     | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |  |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        |                                     | SUBSEQUENT REPORT OF ABANDONMENT.....           |  |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    |                                     | SUPPLEMENTARY WELL HISTORY.....                 |  |
| NOTICE OF INTENTION TO ABANDON WELL.....            |                                     |   |  |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

..... May 8, ....., 1956

Well No. 3 is located 1560 ft. from N line and 600 ft. from EW line of sec. 20

SW 1/4 NW 1/4 Sec. 20      15S      6E      Salt Lake Base  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Joe's Valley Unit      Sampete      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 8950 ft. Ground (approximate ele.)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

the top of the Dakota, Cement, and then drill the Dakota formation with Natural Gas. The expected formation tops are as follows: Emery 3560', Middle Mancos Shale 5100', Ferron Sand 7100', Lower Mancos Shale 7620', Dakota 8100'.

(The Well location description footages and Ground Elevation are approximate figures,) (a survey will be taken and location plats forwarded upon completion of survey.)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company  
P. O. Box 730  
Address Price, Utah

By W. B. Daley  
Title District Superintendent

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION  
NOTICE OF INTENTION TO DRILL

OIL AND GAS CONSERVATION COMMISSION

June 1, 19 56

In compliance with Rule C-4, notice is hereby given that it is our intention to commence the work of drilling Well No. 3, which is located 237 1/2 ft from (N) line and 14 1/4 ft. from (W) line of Sec. 20, Twp. 15S, R. 6E, Salt Lake Base (Meridian), Joe's Valley Unit (Field or Unit)

Sampete on or about 10 th day of June 19 56.  
(County)

LAND: Fee and Patented ( ) State ( ) Lease No. \_\_\_\_\_ Name of Owner of patent or lease \_\_\_\_\_ Address \_\_\_\_\_  
Public Domain (XX) Lease No. U-01337

Is location a regular or exception to spacing rule? Exception to Spacing Has a surety bond been filed? Yes With whom? Federal Area in drilling unit Joe's Valley  
(State or Federal)

Elevation of ground above sea level is 9444 ft. All depth measurements taken from top of Kelly Bushing which is \_\_\_\_\_ ft. above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

Type of tools to be used Rotary. Proposed drilling depth 8100 ft. Objective formation is Dakota.

PROPOSED CASING PROGRAM

| Size of Casing Inches A.P.I. | Weight Per Foot | Grade and Type | Amount Ft. | Top In. | Bottom | Cementing Depths                                      |
|------------------------------|-----------------|----------------|------------|---------|--------|---|
| 13-3/8"OD 8rd.               | 48#             | H-40 w/ST&C    | 550'       | Surface | 550'   | Surface   |
| 7"OD 8rd.                    | 23#             | J-55 w/LT&C    | 680'       | Surface | 680'   | To be cemented with approx. 150 sacks cement @ 7200'. |
| 7"OD 8rd.                    | 23#             | J-55 w/ST&C    | 4860'      | 680'    | 5540'  |   |
| 7"OD 8rd.                    | 23#             | N-80 w/LT&C    | 1660'      | 5540'   | 7200'  |   |

AFFIDAVIT

I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and believe, true, correct and complete.

Approved \_\_\_\_\_  
Date \_\_\_\_\_ 19 \_\_\_\_\_  
By \_\_\_\_\_  
Title \_\_\_\_\_

By W. K. Pulley  
District Superintendent  
(Title or Position)  
Three States Natural Gas Company  
(Company or Operator)  
Address P. O. Box 730  
Price, Utah

INSTRUCTIONS

1. Complete this form in duplicate and mail both copies to the Oil and Gas Conservation Commission, Room 105, Capitol Building, Salt Lake City 14, Utah.
2. A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.
3. Any information required by this form that cannot be furnished at the time said form is submitted must be forwarded to the Commission as soon as available.
4. Use back of form for remarks.

REMARKS:

We propose to drill this well with Rotary Drilling Tools to the approximate total depth of 8100', to test specifically the Ferron sand formation and Dakota formation for commercial gas and oil production. Expected formation tops as follows: Star Point 2000', Emery 3560', Middle Mancos 5100', Ferron 7100', Lower Mancos 7620', Dakota 8100'. Upon setting the 7"OD 23# J-55 and N-80 casing to the top of the Ferron Sand Formation, we propose to drill in the ferron formation with Natural Gas or Air. Drill to the Dakota formation and set a 5"OD 15.5# J-55 Spang Extremeline Casing liner and drill the Dakota formation with Natural Gas or Air.

The enclosed described Location was surveyed by Mr. Carl Nyman, Price, Utah, a registered Utah State surveying engineer. At the present time we do not have an additional copy of this survey plat but will be able to get a copy and forward same to your office.

The subject well location is under exception to spacing rule C-3 "GENERAL WELL SPACING REQUIREMENTS", this location was so picked because of the unorthodox location based on topographical and geological conditions.

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION  
SUBSEQUENT REPORT OF CASING AND WATER SHUT-OFF TEST

June 17 19 56

OIL AND GAS CONSERVATION COMMISSION:

( Joe's Valley Unit )

A casing and water shut-off test was made July 11, 19 56 on well No. 3

which is located 2374 ft from the (N) line and 1414 ft from the (W) line of Section 20 .

Twp 15S , R 6E . Salt Lake Base . Joe's Valley Unit . Sanpete  
(Meridian) (Field or Unit) (County)

FORMATION TESTER

Shut-off date: in lb. casing was cemented at feet on 19  
in hole with sacks of cement of which were left in casing.  
Casing record of well:

Reported total depth ft. Bridged with cement from ft. to ft. Cleaned  
out to ft. for this test. A pressure of lb. was applied to the inside of casing  
for min. without loss after cleaning out to ft. A  
tester was run into the hole on in. drill pipe with ft. of water cushion, and  
packer set at ft. with tail piece to ft. Tester valve with bean was  
opened at and remained open for hr. and min. during this interval

N-80 RAILING

Shut-off date: 7"OD in. 23# lb. J-55 casing was cemented at 6704 feet on July 11, 19 56  
in 9" hole with 200 sacks of cement of which - 0 - sacks were left in casing.  
Casing record of well: Set 1232.26' - 7"OD 8rd. 23# N-80 Casing w/LT&C @ 6704.00'; 4896.49' -  
7"OD 8rd. 23# J-55 casing w/ST&C @ 5471.74'; 590.11' - 7"OD 8rd. 23# J-55 casing w/LT&C set @  
575.25' K.R. Cemented w/200 sacks of cement by Halliburton Oil Cementing Company.  
Reported total depth 6704' ft. Bridges with cement from ft. to ft. cleaned  
out to ft. for this test. (Casing test date: Temperature survey shows top of cement  
at 5560'. Tested casing with 500# psi for two hours, held OK.

By

District Superintendent  
(Title or Position)

Name of Company or Operator

Three States Natural Gas Company

Address P. O. Box 730

Price, Utah

INSTRUCTIONS: Mail one copy of this form to the Oil and Gas Conservation Commission, Rm 105  
Capitol Bldg, Salt Lake City 14, Utah.

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION  
SUBSEQUENT REPORT OF CASING AND WATER SHUT-OFF TEST

June 20, 19 56

OIL AND GAS CONSERVATION COMMISSION:

( Joe's Valley Unit )

A casing and water shut-off test was made June 14, 19 54 on well No. 3  
which is located 2374 ft from the (N) line and 1114 ft from the (W) line of Section 20 .  
Twp 15S , R 6E , Salt Lake Base . Joe's Valley Unit Sanpete  
(Meridian) (Field or Unit) (County)

FORMATION TESTER

Shut-off date: in. lb. casing was cemented at feet on 19  
in hole with sacks of cement of which were left in casing.  
Casing record of well:

Reported total depth ft. Bridged with cement from ft. to ft. Cleaned  
out to ft. for this test. A pressure of lb. was applied to the inside of casing  
for min. without loss after cleaning out to ft. A  
tester was run into the hole on in. drill pipe with ft. of water cushion, and  
packer set at ft. with tail piece to ft. Tester valve with bean was  
operated at and remained open for hr. and min. during this interval

BAILING

Shut-off date: 13-3/8 in. 48# lb. H-40 casing was cemented at 508 feet on June 14, 19 56  
in 17-1/4" hole with 350 sacks of cement of which sacks were left in casing.  
Casing record of well: Ran a total of 511.00' of 13-3/8" OD 8rd. 48#, H-40, API 5mls Casing  
w/ST&C. Casing set @ 508 KB, cemented with 350 sacks of cement by Halliburton Oil Well  
Cementing Company, Cement circulated to surface. (Plugged down @ 12:00 Noon 6-14-56)  
Reported total depth 508' ft. Bridges with cement from ft. to ft. cleaned  
out to 508 ft. for this test. Casing test date:

By

District Superintendent  
(Title or Position)

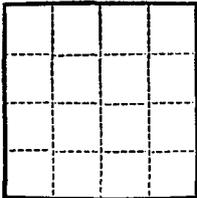
Name of Company or Operator

Three States Natural Gas Company

Address P. O. Box 730

Price, Utah

INSTRUCTIONS: Mail one copy of this form to the Oil and Gas Conservation Commission, Rm 105  
Capitol Bldg, Salt Lake City 14, Utah.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01337  
Unit Joe's Valley

*Noted  
Case  
7-16-56*

SUNDRY NOTICES AND REPORTS ON WELLS

|   |   |
|---|---|
| NOTICE OF INTENTION TO DRILL.....                   | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     | SUBSEQUENT REPORT OF ALTERING CASING.....       |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        | SUBSEQUENT REPORT OF ABANDONMENT.....           |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    | SUPPLEMENTARY WELL HISTORY.....                 |
| NOTICE OF INTENTION TO ABANDON WELL.....            | Subsequent report of running casing <u>XX</u>   |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Joe's Valley Unit ..... July 12, 1956

Well No. 3 is located 2374 ft. from N line and 1114 ft. from W line of sec. 20

SW/4, NW/4, Sec. 20      15S      6E      Salt Lake Base  
(Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Joe's Valley Unit      Sanpete      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 9414 ft. (Corrected Ground Elevation)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD: 6704'

7-9-56 TD: 6704', Ran Schlumberger log. Top of Ferron Formation 6695'.

7-11-56 Ran 7"OD 23# casing as follows: TD: 6704'.

Ran 31-joints - 1232.26' - 7"OD 8rd. 23# N-80 R-3 Casing W/LT&C

115-joints - 4896.49' - 7"OD 8rd. 23# J-55 R-3 Casing W/ST&C

14-joints - 590.11' - 7"OD 8rd. 23# J-55 R-3 Casing W/LT&C

TOTAL CASING 160 joints 6718.86' of 7"OD 23# 8rd. casing set @ 6704' K.B.,  
Cemented with 200 sacks of cement by Halliburton. Used Halliburton Type "E"  
Float Collar and reg. cement guide shoe. Plugged down @ 1:45 A.M. 7-11-56

W. O. C., preparing to drill-in well with Natural Gas from Joe's Valley Unit #1-X  
located in Section 17, T-15S, R-6E, Sanpete County, Utah.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company

P. O. Box 730

Address Price, Utah

By

*W. B. Riley*

Title District Superintendent

**THREE STATES NATURAL GAS COMPANY**

P.O. BOX 730  
PRICE, UTAH

August 7, 1956

*Notes  
Calk  
8-5-56*

Oil and Gas Conservation Commission  
Room 105 Capitol Building  
Salt Lake City 14, Utah

Attention: Mr. Feight

Gentleman:

Please find attached duplicate copies of your form OGCC-1, "Notice of Intention to Drill". Upon receipt of your supply of forms we have made up copies of Notice of Intention to Drill covering two wells located in the Joe's Valley Unit. One of which, #3 well was spudded June 10, 1956.

Also find attached reports covering all wells being drilled by Three States at the present time.

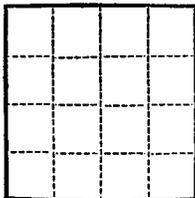
Very truly yours,

THREE STATES NATURAL GAS COMPANY



W. K. Riley  
District Superintendent

WKR/h1  
attachments (10)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01337  
Unit Joe's Valley

*Noted  
CMT  
8-20-56*

SUNDRY NOTICES AND REPORTS ON WELLS

|   |   |
|---|---|
| NOTICE OF INTENTION TO DRILL.....                   | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     | SUBSEQUENT REPORT OF ALTERING CASING.....       |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        | SUBSEQUENT REPORT OF ABANDONMENT.....           |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    | SUPPLEMENTARY WELL HISTORY.....                 |
| NOTICE OF INTENTION TO ABANDON WELL.....            |   |

Subsequent Report of running Casing Liner

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 15, 19 56

Well No. 3 is located 2374 ft. from N line and 1114 ft. from W line of sec. 20  
SW NW Sec. 20 15S 6E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Joe's Valley Unit Sanpete Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9444 ft. Ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD: 7647'

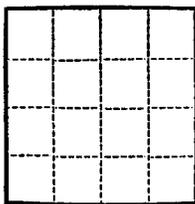
Ran 33-joints a total of 990.45' of 5"OD 15# J-55 Spang Extremeline Casing Liner, Casing Liner landed at 7647', top of liner @ 6657'. Cemented with 143 sacks of cement with 3% Calcium Chloride, 3% Jel, 3% Tuff Plug. Used Baker Liner Tools in setting Liner in 7"OD casing @ 6657'. Plugged down @ 8:30 P.M., 8-14-56. Cement job by Halliburton Oil Well Cementing Company.

8-13-56, TD:7647', Ran Schlumberger Electrical Log and Micro Log to 7643'. Top of Dakota formation from ES log @ 7642'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company  
P. O. Box 730  
 Address Price, Utah

By W. K. Riley  
 Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01337  
Unit Joe's Valley

## SUNDRY NOTICES AND REPORTS ON WELLS

|  |   |
|--|---|
| NOTICE OF INTENTION TO DRILL.....  | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |
| NOTICE OF INTENTION TO CHANGE PLANS.....   | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....                                  | SUBSEQUENT REPORT OF ALTERING CASING.....       |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....                              | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....                                     | SUBSEQUENT REPORT OF ABANDONMENT.....           |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....                                 | SUPPLEMENTARY WELL HISTORY.....                 |
| NOTICE OF INTENTION TO ABANDON WELL.....   |   |
| Subsequent report of Sand-Frac the Dakota formation & Ferron formation <u>XX</u> |   |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 13, 1956

Well No. 3 is located 2374 ft. from ~~S~~<sup>N</sup> line and 1414 ft. from ~~E~~<sup>W</sup> line of sec. 20  
SW/4, NE/4, Sec. 20 35 6E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Joe's Valley Unit Sampete Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9444 ft. Ground

### DETAILS OF WORK

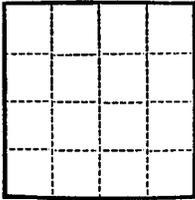
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD: 7800'

8-14-56 Ran Schlumberger ES and Micro Log to 7643', Top of Dakota formation @ 7642'.  
 8-26-56 Ran Welex Jet Services, Inc., Gamma Ray and Neutron from surface to 7810',  
 log Total Depth, Driller TD:7800'. Used 2-7/8" OD EVE 8rd. 6.50# J-55 Tubing to Sand-Frac.  
 Ran Halliburton R.T.T.S. tool (Packer), @ 6673', used 10,000 gallons Diesel Oil and  
 10,000# Sand w/1/10 of one pound of Adomite, 10 gallons Hy-flow w/20 bbls diesel;  
 Max. pressure 3450#, Min. pressure 3300#, Break-down pressure 3350#, SIP 750#, 8.4 bbls.,  
 per minute injection rate. Job complete @ 7:30 P.M., 8-29-56. Rigged up and swabbed well  
 for two days and then started drying up well with Natural Gas by blowing. Blowed well  
 to 7760', ran Welex Jet perforating tool, perforated 5" OD 15# J-55 ~~line~~ casing as  
 follows: (15/32 jet shot - four (4) shots per foot.) 6722' to 6728', 6749' to 6752',  
 6762' to 6770', 6806' to 6810', 6815' to 6821', 6854' to 6860'. Halliburton packer set  
 at 7640'. Used 268 bbls diesel with 2000 gallons Halliburton MCA - 7-1/2% Mud Acid,  
 followed with 30,000 gallons diesel oil, 30,000# Sand, 3000# Adomite, 268 bbls flush,

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

(Continued P-2)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01337  
Unit Joe's Valley

SUNDRY NOTICES AND REPORTS ON WELLS

|  |   |
|--|---|
| NOTICE OF INTENTION TO DRILL.....  | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |
| NOTICE OF INTENTION TO CHANGE PLANS.....   | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....                                      | SUBSEQUENT REPORT OF ALTERING CASING.....       |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....                                  | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....   | SUBSEQUENT REPORT OF ABANDONMENT.....           |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....                                     | SUPPLEMENTARY WELL HISTORY.....                 |
| NOTICE OF INTENTION TO ABANDON WELL.....   |   |
| Subsequent report of Sand-Frac the Dakota formation and Ferron formation. <u>XXX</u> |   |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 13, 1956

Well No. 3 is located 2374 ft. from N line and 1114 ft. from W line of sec. 20  
SW/4, NW/4, Sec. 20 15S 6E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Joe's Valley Unit Sanpete Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9444 ft. Ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

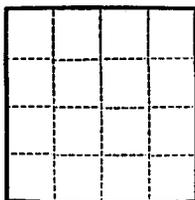
30 bbls over-flush, Acid broke @ 600#; Max. pressure 2000#, Min. pressure 800#, breakdown pressure @ 1400#, Final pressure 2000#, SIP 0#. 32 bbls per minute injection rate. blown well to 7640', well gauged by Pitot Tube - 2,304 MCF. Installed Xmas Tree and well head equipment. Rotary Drilling Rig released @ 8: 00 P.M., September 7, 1956.

9-13-56, after blowing well and recovering diesel fuel, well gauged by Pitot Tube testing - 4,492 MCF, WHP 700#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company  
P. O. Box 730  
 Address Price, Utah

By W. K. Riley  
 Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01337  
Unit Joe's Valley

*Notes  
C.M.F.  
11-8-56*

SUNDRY NOTICES AND REPORTS ON WELLS

|   |   |    |
|---|---|----|
| NOTICE OF INTENTION TO DRILL.....                   | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |    |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |    |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     | SUBSEQUENT REPORT OF ALTERING CASING.....       |    |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |    |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        | SUBSEQUENT REPORT OF ABANDONMENT.....           |    |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    | SUPPLEMENTARY WELL HISTORY.....                 | XX |
| NOTICE OF INTENTION TO ABANDON WELL.....            |   |    |
| Subsequent Report of Duel Completion                |   | XX |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 30, 1956

Well No. 3 is located 2374 ft. from [N] line and 1414 ft. from [W] line of sec. 20  
~~[S]~~

SW/4 NW/4 Sec. 20      15S      6E      Salt Lake Base  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

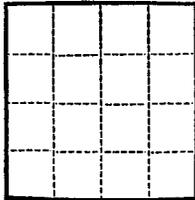
Joe's Valley Unit      Sanpete      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 9444 ft. (Ground)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD: 7800' - ( Top of Ferron Sand 6695' - Top of Dakota 7642' )  
Duel completion of subject well was as follows: 7"OD Casing set @ 6702' K.B., drilled Ferron Sand with gas. Well gauged 2,826 MCF @7227'. Drilled to top of Dakota - 7642' with mud. Set 990.45' - 5"OD 15# J-55 Spang Extremeline Casing Liner, top @ 6657', bottom @ 7647'. Drilled Dakota formation with gas to TD: 7800'. Well gauged 1,099 MCF at 7800'. Ran Welex Gamma Ray and Neutron Logs to 7800'. Used 2-7/8"OD EUE 8rd. 6.50#, J-55, Tubing to Sand-Frac Dakota formation. ( Open formation from 7647' to 7800'. )  
Used 10,000 gallons diesel oil with 10,000 lbs. sand, used one-tenth of one pound of Adomite, 10 gallons hy-flow with 20 bbls. diesel. Max. Pressure 3450#, Min. Pressure 3300#, Break-down Pressure 3350#, SIP 750#, 8.4 bbls. per minute injection rate. Swabbed well and Blowed well with gas to 7760'. Perforated 5"OD casing liner from 6722' to 6728', 6749' to 6752', 6762' to 6770', 6806' to 6810', 6815' to 6821', and 6854' to 6860', with four jet shots per foot. Sand-frac Ferron Sand through perforations with 268 bbls, diesel oil followed by 2000 gallons MCA Mud Acid. (Continued on Page - 2)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01337  
Unit Joe's Valley

*Cost  
Noted  
11-8-56*

SUNDRY NOTICES AND REPORTS ON WELLS

|   |   |    |
|---|---|----|
| NOTICE OF INTENTION TO DRILL.....                   | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |    |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |    |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     | SUBSEQUENT REPORT OF ALTERING CASING.....       |    |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |    |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        | SUBSEQUENT REPORT OF ABANDONMENT.....           |    |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    | SUPPLEMENTARY WELL HISTORY.....                 | XX |
| NOTICE OF INTENTION TO ABANDON WELL.....            | Subsequent Report of Dual Completion.....       | XX |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 30, 1956

Well No. 3 is located 2374 ft. from N line and 1114 ft. from W line of sec. 20

SW/4 NW/4 Sec. 20 15S 6E Salt Lake Base  
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Joe's Valley Unit Sanpete Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9444 ft. (Ground)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Frac with 30,000 gallons diesel oil, 30,000 lbs., sand, 3000 lbs. Adomite, 268 bbls flush, 30 bbls. of over-flush. Acid broke @ 600#, Break-down @ 1100#, Max. Pressure 2000#, Min. Pressure 800#, Final Pressure 2000#, 32 bbls. per minute injection rate. Blowed hole dry with natural gas. Ferron Sand gauged 2,821 MCF. (6" Mercury thru 3" line) Rotary Drilling Tools released 9-7-56 at 8:00 P.M., well gauged 4,452 MCF. Started blowing well and recovering diesel oil. 7620.91' of 2-7/8" OD EUE 8rd. 6.50# J-55 R-2 Tubing landed @ 7636.41' K.B., Baker Model "D" Production Packer set @ 7640', Otis Side Door Choke set @ 7626' by B. R. Service Company. October 27, 1956, SIP Tubing (Dakota) was 1481#, (est. 750 MCF), SIP Casing (Ferron) was 1309#, (est. 3,000 MCF).

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company  
P. O. Box 730

Address Price, Utah

By W. K. Riley

Title District Superintendent

February 5, 1957

Three States Natural Gas Company  
Box 730  
Price, Utah

Re: Well No. Josh Valley 3,  
Section 20, Twp. 15 South,  
R. 6 East, Sanpete County

Gentlemen:

Please complete the enclosed Forms OGCC-3, Log of Oil or Gas Well, Oil and Gas Conservation Commission, State of Utah, for the above mentioned well and forward them to this office as soon as possible.

Yours very truly,

OIL & GAS CONSERVATION  
COMMISSION

GLENN B. FREIGHT  
SECRETARY

GBF:en

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION  
LOG OF OIL OR GAS WELL

15

Well No. Joe's Valley Unit #3, which is located 2374 ft. from (N/S) line and 1114 ft from (E/W) line of Sec 20 Twp 15S, R 6E, SLB, Joe's Valley Unit, Sanpete  
(Meridian) (Field or Unit) (County)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records as of November, 1956 and is to be kept confidential until April, 1957 (See Rule C-5).

Drilling operations were (completely) (suspended) (abandoned) on September 7, 1956

Date: February 18, 1957 Signed: W. B. Kelly Title: Dist. Supernt.

OIL OR GAS SANDS OR ZONES IN FERRON SAND

No. 1, from 6722 to 6728 (G) No. <sup>4</sup>~~3~~, from 6806 to 6810 (G)  
No. 2, from 6749 to 6752 (G) No. <sup>5</sup>~~4~~, from 6815 to 6821 (G)  
No. 3, from 6762 to 6770 (G) No. 6, from 6854 to 6860 (G)  
~~IMPORTANT WATER SANDS OR ZONES~~ DAKOTA FROM 7642 to 7700 (G)  
No. 1, from 7024 to 7048 No. 3, from 7092 to 7160  
No. 2, from 7062 to 7085 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

| Size of Hole | Size Casing | Weight per ft | Threads per Inch | Make     | Amount   | Kind of Shoe            | Cut & Pilled from | Perforated from to | Purpose    |
|--------------|-------------|---------------|------------------|----------|----------|-------------------------|-------------------|--------------------|------------|
| 17-1/4"      | 13-3/8      | 48#           | 8rd. thd.        | H-40     | 511'     | Guide                   | None              | None               | Surface    |
| 9"           | 7"          | 23#           | 8rd. thd.        | N80; J55 | 6718.86' | Guide                   | None              | None               | Production |
| 6-1/4"       | 5"          | 15#           | Extremeline      | J-55     | 990.45'  | (Perforated Liner - (E) | 6722 - 6860       |                    | Production |

MUDDING AND CEMENTING RECORD

| Size casing | Where set  | Number of sacks of cement | Method used | Mud gravity                              | Amount of Mud used |
|-------------|------------|---------------------------|-------------|--|--------------------|
| 13-3/8      | 508'       | 350 sacks cement          | Halliburton | (Cement circulated to Surface)           |                    |
| 7"          | 6702' K.B. | 200 Sacks cement          | Halliburton | (11.70' K.B. to casinghead)              |                    |
| 5"          | 7647'      | 143 cement w/3% C.C.      | Halliburton | (Liner Perforated for Ferron production) |                    |

TOOLS USED

Cable Tools were used from \_\_\_\_\_ to \_\_\_\_\_ and from \_\_\_\_\_ to \_\_\_\_\_  
Rotary Tools were used from Surface to 7800 TD and from \_\_\_\_\_ to \_\_\_\_\_

PRODUCTION

Put to producing November 15, 1956  
OIL WELLS: The production during the first 24 hours was \_\_\_\_\_ barrels of liquid of which \_\_\_\_\_% was oil; \_\_\_\_\_% was emulsion; \_\_\_\_\_% was Water; and \_\_\_\_\_% was sediment  
Gravity: \_\_\_\_\_

GAS WELL: The production during the first 24 hours was \* MCF plus \_\_\_\_\_ barrels of liquid hydrocarbon. Shut in pressure \_\_\_\_\_ lbs. Length of time shut in \_\_\_\_\_

\* No Initial Potential has been taken on well to date. Please refer to log for Gauges.

FORMATION RECORD

| From    | To   | Thickness in feet | Formation   | From | to | Thickness in feet | Formation |
|---------|------|-------------------|-------------|------|----|-------------------|-----------|
| Surface | 6695 | 6695              | Sand, Shale |      |    |                   |           |
|         | 6695 | 7642              | Ferron (G)  |      |    |                   |           |
|         | 7642 | 7800              | Dakota (G)  |      |    |                   |           |
|         |      | 7800 TD           |             |      |    |                   |           |

HISTORY OF WELL

( PLEASE REFER TO BACK OF PAGE )

( if additional space is needed use back of page or attach separate sheet )

WELL HISTORY

This well was spudded @ 3:30 A.M., June 10, 1956, 12-1/4" hole drilled to 512 feet, and 17-1/4" hole reamed and drilled to 507 feet. This well was drilled with mud from surface to 540', after setting surface casing @ 508 feet. Well was drilled to top of Ferron Sand formation with clear water and no returns, 7"OD casing set @ 6702' K.B., TOP OF FERRON SAND @ 6695. Ferron Sand was drilled with natural gas for circulation, well deepened to test Dakota formation @ 7642. Drilled Dakota formation with 5"OD casing liner set from inside of 7"OD casing @ 6657 to 7647. Schlumberger Electrical Log was ran from 780 feet to 7646, in three runs. Miro log was ran from 6708 to 7643. Welex Jet Service ran Gamma Ray and Neutron log from surface to 7799', and 5"OD casing liner was perforated for the Ferron Sand completion from 6722 to 6728, 6749 to 6752, 6762 to 6770, 6806 to 6810, 6815, to 6821, 6854 to 6860, with four jet shots per foot. The Ferron Sand formation from 6695 to 7180, was Sand-frac with 2000 gallons of Halliburton 7 1/2% MCA Mud Acid, followed by 30,000 gallons diesel oil with 30,000 lbs., sand-frac, w/3000 lbs., Adomite, 268 bbls flush, through perforations in 5"OD casing liner. Max. Pressure 2000#, Min. Pressure 800#, Breakdown Pressure 1400#. Final Pressure 2000# 32 bbls per minute injection rate. Packer set @ 7640 for sand-frac job. Job done 9-4-56.

Dakota formation open hole from 7647 to 7800 TD. Set Packer @ 6672, Sand-frac Dakota formation with 10,000 gallons diesel oil with 10,000 lbs., sand-frac sand. Max. Pressure 3450#, Min. Pressure 3300#, Breakdown Pressure 3350#, SIP Pressure 750#. 8.4 bbls. per minute injection rate. Job completed 8-29-56.

Well completed with swabbing after sand-frac jobs and blowing well dry with natural gas. Completed well with running tubing: 2-7/8"OD EUE 8rd.thd., 6.50# J-55 API Smls., landed at 7636.41' K.B., (15.50' from K.B. to tubing head), a 7"OD Baker model "D" production packer set @ 7640' K.B., and a Otis Side Door Choke set @ approximately 7626' K.B., for **Dual completion** of the Ferron Sand through casing and Dakota formation through tubing. This well was gauged at completion as follows: 3,800 MCF/d through Ferron Sand and 950 MCF/d through Dakota formation.

This well started producing through the gathering system on November 15, 1956.

FEB 19 1957

April 19, 1957

U. S. Geological Survey  
306 Federal Building  
Salt Lake City, Utah

Ref: Joe's Valley Unit  
Well No. 3, SE, NW,  
Sec. 20, T-15S, R-6E,  
Sanpete County, Utah

Attention: Mr. D. F. Russell

Dear Mr. Russell:

In producing this subject well during the months of January and February, the Ferron gas production was making a small amount of water, frac oil and sand. The well loaded up and plugged off the Ferron gas production on January 27, we continued producing the Dakota formation and on February 20, the Dakota ~~production~~ plugged off the same way the Ferron production did. The well has been shut-in since February 20, 1957.

I am enclosing a copy of the letter written to your Casper office regarding our Joe's Valley Unit No. 1-X well also. This is in reference to our telephone conversation dated April 18, yesterday.

I have also enclosed our Notice Of Intention to swab the subject No. 3 Joe's Valley Unit well, as soon as the weather permits.

If there are any further questions or information needed regarding the Joe's Valley Unit wells please feel free to call us collect here at the Price office, phone number is MEDford 7-1134.

Very truly yours,

THREE STATES NATURAL GAS COMPANY

W. K. Riley  
District Superintendent

WKR/hl

Enc. (2)

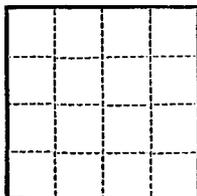
cc: Mr. J. D. Cooper - Dallas

Price Office Well File

Oil and Gas Conservation Commission

Attn: Mr. Feight - Salt Lake City, Utah ✓

C O P Y APR 25 1957



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01337  
Unit Joe's Valley Unit

SUNDRY NOTICES AND REPORTS ON WELLS

|   |  |   |  |
|---|--|---|--|
| NOTICE OF INTENTION TO DRILL.....                   |  | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |  |
| NOTICE OF INTENTION TO CHANGE PLANS.....            |  | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |  |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     |  | SUBSEQUENT REPORT OF ALTERING CASING.....       |  |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... |  | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |  |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        |  | SUBSEQUENT REPORT OF ABANDONMENT.....           |  |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    |  | SUPPLEMENTARY WELL HISTORY.....                 |  |
| NOTICE OF INTENTION TO ABANDON WELL.....            |  |   |  |
| Notice of Intention to Swab Well <u>XXX</u>         |  |   |  |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 19, 1957

Well No. 3 is located 2374 ft. from [N] line and 1414 ft. from [W] line of sec. 20

SE NW Section 20      T-15S      R-6E      Salt Lake Base  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Joe's Valley Unit      Sanpete      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 9444 ft. Ground

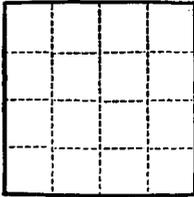
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well was completed on September 7, 1956, Total Depth of 7800 feet. Well was completed as a gas well from two formations; Top Ferron Sand @ 6696, Top Dakota formation @ 7642. The first day of production was November 15, 1956. In producing this subject well during the months of January and February the Ferron zone was making a small amount of water, frac oil and sand. The well apparently loaded up and plugged off the Ferron gas production on January 27, we continued producing the Dakota formation and on February 20, the Dakota production plugged off the same way the Ferron production did on January 27. The well has been shut-in since February 20, 1957. We propose to move in a Pulling Unit and pull the Otis Side Door Choke which is set @ 7626, and swab well in to the total depth. At the present time we are opening our roads to this location, until the snow bound roads are open we will be unable to start the swabbing and testing of this well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company  
P. O. Box 730  
Address Price, Utah  
By W. K. RILEY  
Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U - 01337  
Unit Joe's Valley

SUNDRY NOTICES AND REPORTS ON WELLS

|  |  |   |  |
|--|--|---|--|
| NOTICE OF INTENTION TO DRILL.....                        |  | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |  |
| NOTICE OF INTENTION TO CHANGE PLANS.....                 |  | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |  |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....          |  | SUBSEQUENT REPORT OF ALTERING CASING.....       |  |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....      |  | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |  |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....             |  | SUBSEQUENT REPORT OF ABANDONMENT.....           |  |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....         |  | SUPPLEMENTARY WELL HISTORY.....                 |  |
| NOTICE OF INTENTION TO ABANDON WELL.....                 |  |   |  |
| <b>Notice of Intention to Repair Well Completion (X)</b> |  |   |  |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 22, 19 58

Well No. 3 is located 237 1/2 ft. from N line and 1 1/2 ft. from W line of sec. 20  
SW 1/4 SW 1/4 Sec. 20 T-15-S R-6-E Salt Lake Base  
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Joe's Valley Unit Snapshots Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9111 ft. ( Ground )

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD: 7800', Top Farron 6695' Top Dakota 7612'  
 An attempt was made on July 2, to run Otis Side-Door Cocks for production testing, being unable to set this tool, started pulling Side-Door Cocks and tools from hole. Tools hung up and lost tools in hole. Ran Impression block, found the 2" tubing to be parted.

We propose to move in Snubbing Unit, fish and pull 2" tubing from well. Attempt to fish tools out of the hole. Replace the string of 2" tubing and make further tests to determine water flow. Also make necessary tests of well for communication between the two zones, the Farron and Dakota.

*Above Procedure approved Aug 25 58 Cassaughtman.*

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company  
P. O. Box 730  
 Address Price, Utah

By W. K. Riley  
 Title W. K. Riley - District Superintendent

NOV 1 1958

Form 9-231a  
(Feb. 1951)

Budget Bureau No. 42-R358.4  
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office SALT LAKE  
Case No. U-01337  
Unit Joe's Valley

SUNDRY NOTICES AND REPORTS ON WELLS

|  |   |    |
|--|---|----|
| NOTICE OF INTENTION TO DRILL                   | SUBSEQUENT REPORT OF WATER SHUT-OFF                 |    |
| NOTICE OF INTENTION TO CHANGE PLANS            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING          |    |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF     | SUBSEQUENT REPORT OF ALTERING CASING                |    |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR          |    |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE        | SUBSEQUENT REPORT OF ABANDONMENT                    |    |
| NOTICE OF INTENTION TO PULL OR ALTER CASING    | SUPPLEMENTARY WELL HISTORY                          |    |
| NOTICE OF INTENTION TO ABANDON WELL            | Subsequent Report of Well Workover and Recompletion | XX |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 31, 1958

Well No. 3 is located 2374 ft. from N line and 1114 ft. from W line of sec. 20  
SW/4, SW/4, Sec. 20 T-15-S R-6-E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Joe's Valley Unit Sanpete Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9444 ft. (Ground)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work) Top Ferron: 6695

P.B.T.D. 7100  
8-6-58 Moved in Double Drum Pilling Unit, killed well w/water fished out parted 2" tubing string, fished out top string of Otis fishing tools. Ran and set RTTS 5" packer @ 7615', landed 2" tubing and started swabbing Dakota on 8-14-58. Swabbed well through 8-20-58, well started making small amount of gas from Dakota on 8-19-58. Tested Ferron water communication on the Dakota zone by pumping water chemical dye in casing and swabbing the Dakota zone through the 2" tubing, recovered small amount of colored dye water by swabbing. Started blowing the Dakota gas to the atmosphere on 8-22-58, blowing and testing well through 8-26-58. 8-27-58 reset 5" RTTS packer and seal assembl @ 6680, Halliburton cement squeezed the Ferron 5" liner perforations w/30 sacks cement w/3% HA-5 cement additive. Reset packer @ 6710 and pressured up w/1500# pressure; ran drill bit on 2-1/2" tubing and drilled out 159 feet of cement in liner. (Continued on back of the page)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company  
P. O. Box 730  
Address Price, Utah

By W.K. Riley  
Title District Superintendent

Ran 7" RTTS packer and set @ 6635, Halliburton cement squeezed top of 5" liner w/ 70 sacks cement w/3% HA-5 cement additive, displaced with 4 1/4 barrels water, max. pressure 2850#, pulled packer asseble. Ran bit on 2-1/2" tubing and drilled cement out of liner, ran 2-1/2" tubing swabbed and jet well dry w/gas, ran overshot trying to fish out brass plug from model "D" production packer which was set @ 7640. Unable to keep hole dry below 6790.

9-11-58 set 5" RTTS packer, cement squeezed top of 5" liner w/40 sacks of cement w/ 3% HA-5 cement additive, max pressure 1700#, pulled packer and ran wallscraprer and overshot to fish out plug from model "D" production packer. Ran 7" RTTS packer and set @ 6605, perforated 5" liner @ 7619-7618 w/4 - 1/2" bullets and from 7501-7500 w/ 2-Jet shots, Halliburton pressured up with water in hole w/2000# pressure, no break-down, pulled packer from hole. Jet and drying up hole with gas, cleaned cement from hole fishing and unable to recover brass plug from model "D" production packer, ran bit on 2-1/2" tubing and drilling on brass plug and model "D" production packer,

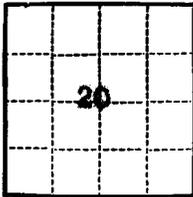
9-22-58 drilling model "D" packer, pushed packer down hole to approximately 7666, unable to get bit loose from packer, backed-off 2-1/2" tubing, jarring on fish, unable to get loose from packer, unable to move packer. 9-24-58 in an attempt to clean out loose cement from hole, spotted 145 gallons of MCA Mud Acid in hole, fishing for 18' piece of 2-1/2" tubing, bit sub, 3-7/8" rock bit and part of model "D" packer, stuck at approximately 7666. Washed over fish with wash pipe, drilling and milling on bit sub with cluster-rite shoe, fishing and jarring on fish.

10-7-58 unable to get fish out of hole, unable to drill up fish with present tools, temporarily abandoning fishing operations w/fish in hole @ approximately 7666 to 7670, preparing to recomplete well in Ferron zone by perforating the 5" liner and Sand-Frac the Ferron perforations.

10-8-58 Set McCullough bridging plug @ 7100 feet in 5" liner, used dump bailer and spotted a one sack Cal-Seal plug on top of bridging plug @ 7100 feet. P.B.T.D. 7100.

McCullough Tool Company perforated 5" liner in the Ferron zone as follows: (with four 1/2" bullets per foot) 6720-30, 6762-72, 6804-09, and from 6843-48. October 11, Halliburton Sand-Frac well through casing. Pumped in 300 gallons 7-1/2% MCA Mud Acid, loaded hole, pressure broke from 2550# psi to 2000# psi. Started sand @ 1/4 pound sand per gallon water, (mixed approximately 4000# sand), increased sand mixture to 1/2# sand per gallon water, pumped in 11,500 pounds (reg 20-40 mesh sand) with 25,800 gallons water mixture; 100 pounds Calcium Chloride to 1000 gallons water and five gallons MorFlo per 6000 gallons water. Pressure started increasing, shut off sand and started flush; pumped in 9,700 gallons of total flush, (total flush 11,299 gals.) Lacked 1599 gallons (38-BBIs.) having casing displaced. Pressure went to 2500# psi, stopped pumping. Injection rate on sand and water was 37.25 barrels per minute, injection rate on overall job was 24.4 barrels per minute. Total Calcium Chloride used was 4200 bbls., total MorFlo used was 30 gallons. Sand-Frac job complete, start swabbing and jetting well w/2-1/2" tubing. Ferron zone started making gas on 10-13-58, landed tubing, nipped up wellhead equipment and rigged down pulling unit. Ran 220-joints 2-1/2" OD EUE 8rd. thd., 6.50# J-55 R-2 API Smls., Tubing totaling 6660.59', tubing landed @ 6675.29' K.B. Started blowing well to the atmosphere to assist well in recovering water and cleaning up well.

Put well on production line @ 10:00 A.M., October 17, 1958, well producing from the Ferron zone. P.B.T.D. 7100 feet.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office SALT LAKE  
Lease No. U-01337  
Unit Joe's Valley

*n/k*  
*3/30*

SUNDRY NOTICES AND REPORTS ON WELLS

|   |   |                                     |
|---|---|-------------------------------------|
| NOTICE OF INTENTION TO DRILL.....                   | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |                                     |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |                                     |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     | SUBSEQUENT REPORT OF ALTERING CASING.....       |                                     |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |                                     |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        | SUBSEQUENT REPORT OF ABANDONMENT.....           |                                     |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    | SUPPLEMENTARY WELL HISTORY.....                 | <input checked="" type="checkbox"/> |
| NOTICE OF INTENTION TO ABANDON WELL.....            |   |                                     |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 23, 1959

Well No. 3 is located 2374 ft. from N line and 1114 ft. from W line of sec. 20

SW SW Sec. 20      T-15-S      R-6-E      Salt Lake Base  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Joe's Valley Unit      Sanpete      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 9114 ft. (Ground)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

P.B.T.D. 7100'      Top Ferron 6695'

October 13, 1958 completed plugging back and recompleting subject well in the Ferron Sand zone. The well was put on production on October 17, 1958 producing from the Ferron zone perforations. The well when on production has been unloading an estimated 75 barrels water perday. No actual water rate test has been taken on this well because the well when producing at a high rate (1,500 MCF/D) unloads water at a high rate, estimated at 75 barrels perday. When the well production falls off to a low rate of production - (450 MCF/D) the well does not unload at all, by not unloading the well logs-off at the low rate of production and the well has to be blown to the atmosphere to unload the water before the well can be produced. The well at the present time needs to be blown to the atmosphere every five or six days to keep the well on production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three states natural Gas Company  
P. O. Box 730  
Address Price, Utah

By W. K. RILEY  
ORIGINAL SIGNED BY

Title Dist. Supt. - W. K. Riley

STANDARD FORM NO. 108  
**EMPLOYER'S FIRST REPORT OF INJURY**

Approved by I. A. S. A. & C.

Complete and send immediately to  
**CLAIM DEPARTMENT**

**United States Fidelity and Guaranty Company**  
 CASPER, WYOMING

|  |           |
|--|-----------|
| Medical Department                                 | File:     |
| Number   | Carrier:  |
| For:   | Employer: |
| Carrier's File No.                                 |           |
| (The spaces above not to be filled in by Employer) |           |

FORWARD THIS REPORT TO BOARD OF INDUSTRIAL ACCIDENT INVESTIGATION, NEW HAVEN, CONNECTICUT

|                  |   |
|------------------|---|
| Employer         | 1. Name of Employer <u>Delhi-Taylor Oil Corporation</u>   |
|                  | 2. Office address, No. and St. <u>P.O. Box 1194, City of Torrington, Vermont</u>  |
|                  | 3. Insured by <u>UNITED STATES FIDELITY AND GUARANTY COMPANY</u>  |
|                  | 4. City, State of business (or article manufactured) <u>Delhi, Vermont</u>  |
| Time and Place   | 5. (a) Location of plant or place where accident occurred <u>Valley Mills, Carbon County, Utah</u><br>Department <u>Production</u> State of employer's premises <u>Yes</u><br>(b) If injured in a mine, did accident occur on surface, underground, shaft, drift or mill. <u>No</u>   |
|                  | 6. Date of injury <u>July 13, 1961</u> Day of week <u>THURSDAY</u> Hour of day <u>11:15</u> A. M. - - P. M.   |
|                  | 7. Date disability began <u>19</u> A. M. - - P. M. & Was injured paid in full for this day  |
|                  | 8. When did you or foreman first know of injury <u>9:30 p.m. 7-13-61</u>  |
|                  | 9. Name of foreman <u>George Higginbotham</u>   |
| Injured Person   | 11. Name of injured <u>Walter K. Riley</u> (Social Sec. No.)  |
|                  | 12. Address: No. and St. <u>Price</u> City or Town <u>Price</u> State <u>Utah</u>   |
|                  | 13. Check (V) Married <input checked="" type="checkbox"/> , Single <input type="checkbox"/> , Widowed <input type="checkbox"/> , Widower <input type="checkbox"/> , Divorced <input type="checkbox"/> ; Male <input checked="" type="checkbox"/> , Female <input type="checkbox"/> ; White <input checked="" type="checkbox"/> , Colored <input type="checkbox"/> |
|                  | 14. Nationality <u>American</u> Citizen of <u>U. S. A.</u> Speak English <u>Yes</u>   |
|                  | 15. Age <u>43</u> Did you have on file employment certificate or permit   |
|                  | 16. (a) Occupation when injured <u>Supt.</u> (b) Was this his or her regular occupation <u>Yes</u><br>(If not, state in what department or branch of work regularly employed)   |
|                  | 17. (a) How long employed by you <u>6 yrs.</u> (b) Piece or time worker (c) Wages per hour \$   |
|                  | 18. (a) No. hours worked per day (b) Wages per day \$<br>(c) No. days worked per week (d) Average weekly earnings \$<br>(e) If board, lodging, fuel or other advantages were furnished in addition to wages, give estimated value per day, week or month  |
| Cause of Injury  | 19. Machine, tool or thing causing injury <u>Gas well</u> 20. Kind of power, (hand, foot, electrical, steam, etc.)  |
|                  | 21. Part of machine on which accident occurred  |
|                  | 22. (a) Was safety appliance or regulation provided <u>No</u> (b) Was it in use at time   |
|                  | 23. Was accident caused by injured's failure to use or observe safety appliance or regulation <u>No</u>   |
|                  | 24. Describe fully how accident occurred, and state what employee was doing when injured<br><u>(See over)</u>   |
| Nature of Injury | 25. Names and addresses of witnesses <u>Hayden Larsen, Box 160, Scofield, Utah</u>  |
|                  | 26. Nature and location of injury (describe fully exact location of amputations or fractures, right or left)  |
|                  | 27. Probable length of disability If so, date and hour 28. Has injured returned to work At what wage \$   |
|                  | 29. At what occupation 30. (a) Name and address of physician (b) Name and address of hospital   |
| Fatal Cases      | 31. Has injured died <u>Yes</u> If so, give date of death <u>7-13-61</u>  |

Date of this report 7-17-61 Firm name Delhi-Taylor Oil Corporation  
 Signed by G. T. Higginbotham Official Title District Supt.

Mr. Riley and Mr. Larsen were injecting soap into casing to aerate the water on 7/12/61. On 7/13/61 returned to well and found the 1/2" high pressure hose split from injector unit to wing valve on casing and leaking gas, foam and water into well cellar. Mr. Riley went into cellar to close 1/2" needle valve on casing wing and was down in cellar approximately one minute and started out of cellar and was overcome, falling back into water and gas. Cellar was approximately 9' wide X 9' long by 7' deep. Mr. Riley weighed over 200 pounds and Mr. Larsen could not get Mr. Riley out of well cellar.

POOR COPY

Mr. Riley and Mr. Larsen were injecting soap into casing to aerate the water on 7/12/61. On 7/13/61 returned to well and found the 1/2" high pressure hose split from injector unit to wing valve on casing and leaking gas, foam and water into well cellar. Mr. Riley went into cellar to close 1/2" needle valve on casing wing and was down in cellar approximately one minute and started out of cellar and was overcome, falling back into water and gas. Cellar was approximately 9' wide X 9' long by 7' deep. Mr. Riley weighed over 200 pounds and Mr. Larsen could not get Mr. Riley out of well cellar.

# THE INDUSTRIAL COMMISSION OF UTAH

STATE CAPITAL  
SALT LAKE CITY, UTAH

L. S. GOLDSBACH ENGINE  
RECEIVED

JUL 21 1961

CASPER, WYOMING

## SURGICAL REPORT

- PREPARED IMMEDIATELY AFTER FIRST EXAMINATION PATIENT

Name of Employer Delhi Taylor Oil Corp.  
(IMPORTANT! ASSIGNMENT OPERATING TITLE OF COMPANY—NOT NAME OF FOREMAN, ETC.)  
 Address of Employer P. O. Box 1189, Farmington, N. M.  
 Name of Injured Walter Kent Riley  
 Residence Address 205 N. Carbon Ave., Price, Utah  
 Give date and hour of injury July 13 1961 11:10 A.M. Age 42 Sex male  
 Date injured had to leave work due to death at 11 M.

|  |   |
|--|---|
| 1. Statement of patient as to how injury was sustained.  | Place: Joe's Valley gas well number 3. About 30 miles from Clear Creek, Utah.<br>Time: Approximately 11:10 A.M.   |
| 2. Give nature and extent of injuries. Patient must be thoroughly examined for all possible injuries due to the accident, and this first report must be complete in detail. (If additional space is needed, use reverse side.) | Information from working partners: Victim had climbed down into cellar at gas well to try to close a needle valve in bull plug from casing valve to shut off escaping natural gas. This cellar is a compartment of 12 x 12 by 6 ft. with a 2 x 2 foot door in ceiling and a ladder to climb down. This cellar was full of escaping gas. After a very short time victim called out "I must get out of here". Victim reached for ladder and then slumped over and disappeared beneath about |
| 3. In your opinion, is present trouble due to any pre-existing condition? If so, what?   | 18 inches of water on floor. Also was a layer of soap foam above this.  |
| 4. When will employee be able to return to work?   | Partner was unable to help victim as he realized he could climb down into cellar with out also being overcome with gas. Partner then radioed officer of Clear Creek, Utah, Natural Gas, Clear Creek. I with two men drove to gas well and with breathing  |
| 5. Will any permanent injury or deformity result? If so, to what extent?   | apparatus removed victim from cellar at 12:45 p.m.<br>(See back of this page)   |
| 6. Give names of all physicians or surgeons who have examined patient for present injury.  |   |
| 7. Name of hospital.<br>Date hospitalized.   |   |
| 8. Remarks:  |   |

Section 35-1-98, Utah Code Annotated, as amended, provides that any physician or surgeon who refuses or neglects to make any report at any time required by the Commission is guilty of a misdemeanor, and shall be punished by a fine of not more than \$500.00 for such offense. Rule 1 of the Medical and Surgical Fee Schedule requires this "Surgical Report" to be mailed to the Commission within one week after first attendance. The physician has no authority to tell the patient that his case is industrial.

Date first examined patient July 13 1961 (Signed) \_\_\_\_\_ Surgeon  
 Date of this report July 14 1961 Address: Street \_\_\_\_\_  
 City Clear Creek, Utah

Names of all physicians who examined:

C. W. Hardy, M.D.

Sheriff's department also investigated scene of accident.

POOR COPY  
POOR COPY

REPORT OF THE COMMISSION OF INQUIRY

Victim was dead when removed from cellar.

Cause of death: Asphyxiation with natural gas and drowning.  
Dead when removed from cellar.

In my opinion death was not due to any pre-existing condition.

Names of all physicians who examined:

C. W. Hardy, M.D.

Sheriff's department also investigated scene of accident.

POOR COPY  
POOR COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-01337

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
1860 Lincoln St., Suite 1200, Denver, Colorado 80203

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

2374' FNL and 1414' FWL

14. PERMIT NO.

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

9444' GL

7. UNIT AGREEMENT NAME  
Joe's Valley Unit

8. FARM OR LEASE NAME

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Ferron Sand

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

Sec. 20, T15S, R6E

12. COUNTY OR PARISH

13. STATE

Sanpete

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

We propose to plug and abandon this well as follows:

1. MIRUPU (We will use the smallest, lightest equipment available to avoid as much surface damage as possible.)
2. POH w/rods & tbg.
3. GIH w/cement retainer and set a 6600'.
4. Squeeze below retainer w/140 sacks of cement, pull out of retainer, and spot 10 sacks of cement on top of retainer.
5. Spot 25 sack cement plugs @ 4600' - 4500'; 2600' - 2500'; 550' to 450'.
6. Cut off well head @ bottom of cellar. Spot 10 sack cement plug 30' - surface.
7. Install dry hole marker, fill in cellar, and remove all junk from area. We will seed location to your specifications. (Vegetation is now present @ this location. We will attempt to save as much as possible. We will use a steel pit or a standby water truck to avoid digging a pit.)

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: August 24, 1976

BY: P. H. DuCall

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

SIGNED [Signature]

TITLE Div. Prod. Manager

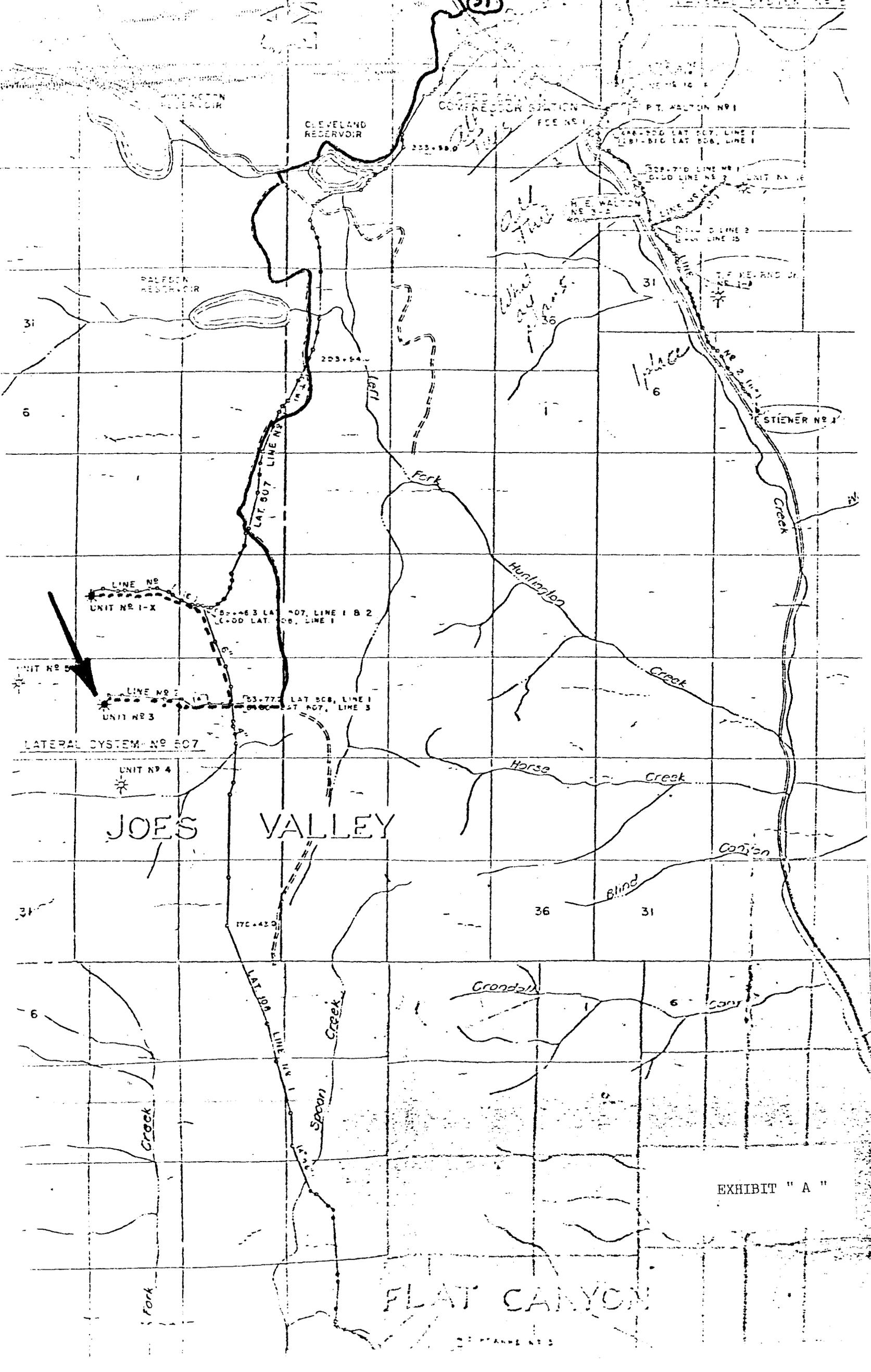
DATE 8-19-76

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



CLEVELAND RESERVOIR

PALFSON RESERVOIR

COMPRESSOR STATION

PT. WALTON NO 1

LINE NO

UNIT NO 1-X

LINE NO 3

UNIT NO 3

LATERAL SYSTEM NO 507

UNIT NO 4

JOES VALLEY

FLAT CANYON

EXHIBIT " A "

8. WATER SUPPLY -
9. ARCHAEOLOGICAL RESOURCES - None observed.
10. RESTORATION OF SURFACE - Will fill, level, and seed to your specifications on well sites and roads.
11. OPERATOR'S REPRESENTATIVE - Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

Production & Drilling

D. E. Brown  
1860 Lincoln St., Suite 1200  
Denver, Colorado 80203

Office Phone: (303) 292-9920 Ext. 254  
Home Phone: (303) 771-8297

12. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors will conform to this plan.

August 18, 1976  
Date

D. E. Brown  
D. E. Brown,  
Division Drilling Engineer

- (5) Other - The plugging of this well will allow the natural countryside to come back even further than it has already. It will also allow the closing of the road to this well after it is plugged.

g. Distances to:

- (1) Ponds and Streams - There are no surface waters within 1/2 mile.
- (2) Water Wells - No water well or windmill could be seen within 1/2 mile.
- (3) Residences and Buildings - There are no houses or buildings within 1/2 mile.
- (4) Arroyos, Canyons, etc. - See Exhibit "A".

h. Well Sign - Dry hole marker will be erected at site after plugging.

i. Open Pits - Steel pit or a standby water truck will be used to avoid digging a pit. Any old pits will be filled and leveled to conform with terrain.

4. ROADS

- a. Existing roads - The old trail was passable to the well site in 1973. The forest service has erected water bars and reseeded the trail.
- b. Planned roads - We plan to re-open the old trail only where necessary to get the equipment in and out.
- c. Fences, Gates and Cattleguards - None needed.

5. TANK BATTERY - - If any, will be removed.

6. LEASE PIPELINES

- a. Existing - Mountain fuels has a pipeline to both wells.
- b. Planned - None.

7. WASTE DISPOSAL - There is no waste anticipated. If generated, it will be buried with a minimum cover of 24" of dirt.

## SURFACE USE PLAN

### TENNECO OIL COMPANY'S

Joe's Valley Unit # 3, 2374' FNL and 1414' FWL of  
Section 20, T 15 S, R 6 E, Lease # Utah 01337,  
Sanpete County, Utah.

The following is a discussion of pertinent information concerning possible effect which the proposed abandonment may have on the environment of the well and road sites and surrounding acreage. A copy will be posted on the derrick floor so that all contractors and subcontractors will be aware of all items of this plan.

1. AREAL ROAD MAP - Exhibit "A" is a portion of a map, showing existing black top roads. Approximately 20 miles east of Fairview, Utah on Highway 31 turn right (south) on dirt road. Go 9 miles south (considerable turns) and turn right along pipeline to well site. Forest service has put water bars and seeded old road. Four wheel drive vehicles are a necessity to get to these sites.
2. LOCATION OF EXISTING WELLS - Several Phosphoria and Muddy wells have been drilled in a two mile radius and are shown on Exhibit "A".
3. PROPOSED WELL MAT AND IMMEDIATE AREA - Mat is overgrown with vegetation.
  - a. Mat size - Will be kept to the minimum needed to position equipment to plug. As much vegetation as is possible will be saved.
  - b. Surfaced - See part "a" above.
  - c. Reserve pit - None needed.
  - d. Cut & Fill - Old location should still be level enough to plug without any cuts.
  - e. Drill Site Layout - Will be determined at site to save as much vegetation as is possible.
  - f. Setting & Environment -
    - (1) Terrain - Part of Manti-La Sal National forest. Primitive mountainous terrain.
    - (2) Soil - Rock and humus.
    - (3) Vegetation - Conifers and grass.
    - (4) Surface Use - Grazing for deer and other forest animals.

UNITED STATES  
DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

GEOLOGICAL SURVEY

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.)

U-01337

9. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Joe's Valley Unit

8. FARM OR LEASE NAME

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Ferron Sand

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

Sec. 20, T15S, R6E

12. COUNTY OR PARISH

Sanpete

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER  SI Well

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
1860 Lincoln St., Suite 1200, Denver, Colorado 80203

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

2374' FNL and 1474' FWL

14. PERMIT NO.

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

9444' GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

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

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

We have plugged and abandoned this well as follows:

- MIRUPU, loaded hole with water, and pulled rods and pump. Could not release tbg anchor. Tagged PBDT at 7111'. Cut off tbg @ 6616' because of tbg anchor at 6623' and seating nipple at 6621'.
- Squeezed perms with 100 sacks. Cement top at 6600'. Spotted a 30 sack plug in 7" csg from 5717' - 5617' and POH with tbg.
- Perf'd 7" csg @ 3320' and squeezed a 100 sack plug inside and outside of the 7" csg from 3320' - 3220'.
- Perf'd 7" csg @ 415' and balanced a 100 sack plug inside and outside the 7" csg from 415 - 527.
- Cut off wellhead, spotted 15 sack surface plug down 13-3/8" - 7" annulus and a 10 sack plug down the 7" csg.
- Installed dry hole marker, filled and leveled all pits and cellars and cleaned up area. Will re-seed and close all roads when the best growing conditions are present.

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

SIGNED

*A. B. Myers*

TITLE

Div. Production Manager

DATE

10-8-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: