

### FILE NOTATIONS

Entered in NID File \_\_\_\_\_

Entered On S R 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

8-17-54

Location Inspected \_\_\_\_\_

OW \_\_\_\_\_

VW \_\_\_\_\_

TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW

OS \_\_\_\_\_

(PA  10-18-56)

State of Fee Land \_\_\_\_\_

### LOGS FILED

Driller's Log

Electric Logs (No. ) \_\_\_\_\_

E

I \_\_\_\_\_

E-I \_\_\_\_\_

GR \_\_\_\_\_

GR-N \_\_\_\_\_

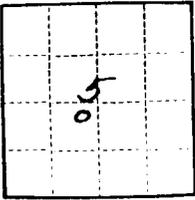
Micro \_\_\_\_\_

Lat \_\_\_\_\_

M-L \_\_\_\_\_

Sent \_\_\_\_\_

Others \_\_\_\_\_



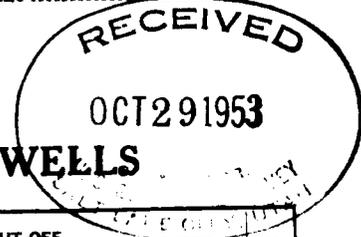
(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
ORIGINAL FORWARDED TO GADSDEN

Land Office Utah

Lease No. 0-1339

Unit Colleen K. Steiner



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)

Well No. 2273 is located 2200 ft. from S line and 1905 ft. from W line of sec. 5  
15 S 22 E 24 30 Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8060 ft.

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.)

To drill this well with Rotary Tools to an estimated total depth of 1500' to test specifically the Furzen Sand for commercial oil and gas production.  
 Set approximately 250' of 10 1/2" OD 38.75' 8 Lb. Int. 2-10 JAL S&L, 21k. API Steel Casing 2-3. (Cement from 500' to surface.)  
 Set approximately 1900' of 7 5/8" OD, 26.10', 1-55, 1242 Casing 2-3.  
 To be cemented with 250 sacks of regular Cement.

Note: The above measurements of this location are approximate. Correct location will be submitted on location plots.

(APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO)

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

Company TRINE STATES NATURAL GAS COMPANY  
P. O. Box 140  
 Address Springdale, Utah

By Harold Hawkins  
 Title MANAGER

THREE STATES NATURAL GAS CO.

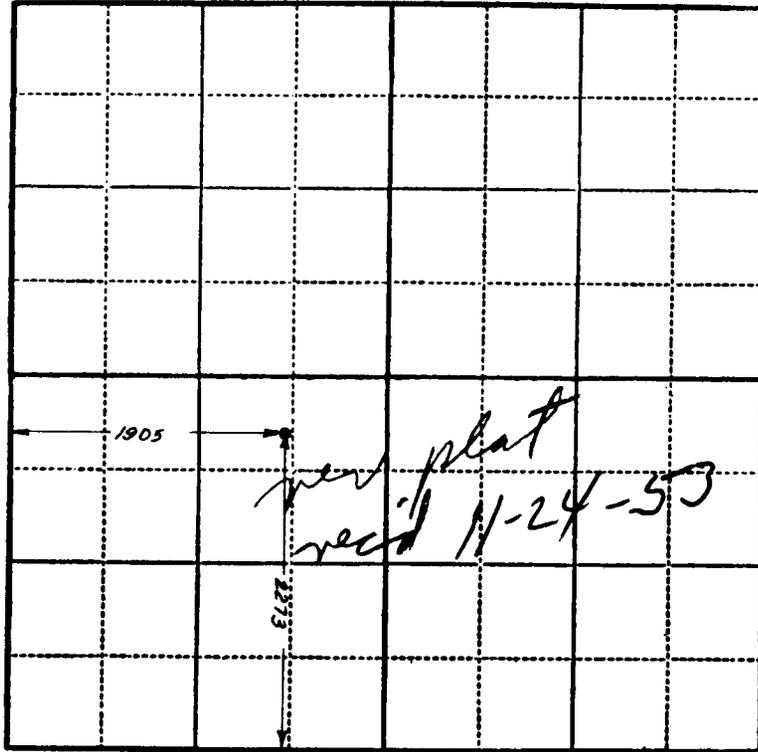
Lease C. K. Steiner

Well No. "A" #1

Sec. 5, T. 15, R. 7E

Location 2273 ft. N. of S. line  
1905 ft. E. of W. line

Elevation 8091 Ground

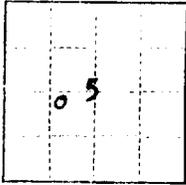


Scale—4 inches equal 1 mile.

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.

Seal:

Registered Professional  
Engineer and Land Surveyor.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION DIVISION

Sec. 5  
T. 15 S.  
R. 7 E.  
S. L. Mer.

INDIVIDUAL WELL RECORD

PUBLIC LAND:  
5-yr. lease dated 1-1-52.

Date November 2, 1953

Ref. No. 1

Land office Utah State Utah  
Serial No. 01339 County Emery  
Lessee Peggy Clark and N.G. Morgan, Sr.,  
Colleen Kearns Steiner et al. Field Clear Creek (Wildcat)  
Operator Three States Natural Gas Co. District Salt Lake City  
Well No. A-1 (Steiner) Subdivision NW 1/4 SW 1/4  
Location 2273 ft. from S. line and 1905 ft. from W. line of sec. 5  
Drilling approved November 2, 1953 Well elevation 8091' GL 8102' KB  
8060 D.P. feet  
Drilling commenced 11-5, 1953 Total depth 4900' feet  
Drilling ceased Jan ?, 1954 Initial production 110,000 MCF GPD 21 F. Abs.  
Tubing open flow 14,000 MCF GPD  
Completed for production Jan 4, 1954 Gravity A. P. I. 1228 PSI calculated  
Abandonment approved 1954 Initial R. P. 1102 PSI surface

*5500  
1954  
1953*

Geologic Formations

Productive Horizons

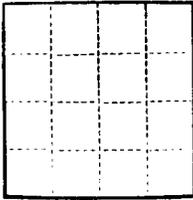
Surface	Lowest tested	Name	Depths	Contents
<u>Blackhawk</u>	<u>Lower Mancos</u>	<u>Ferron</u>	<u>4456-4771 120' net</u>	<u>gas</u>

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
<u>1953</u>											<u>Drq. 3260</u>	<u>Drq. 4350</u>
<u>1954</u>	<u>651 4900</u>											

REMARKS All depths from KB. 10 7/8" cc 292' w 290 ax. Emery 855' 2250',  
7 7/8" cc 4350' w 225 ax. Ferron 4339-4829' drilled with  
gas. Guaged 14000 MCF GPD. shot 4560-4700' w 600  
quartz SNG.

*Replacment*



(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner

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		Report of Spudding Well	<input checked="" type="checkbox"/>

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

November 6, 1953

Well No. "A" #1 is located 2273 ft. from X line and 1905 ft. from X line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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:

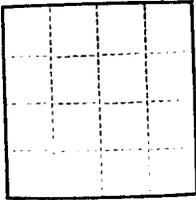
Spuded Well at 2:30 PM - November 5, 1953  
Mixing Mud and drilling surface hole.



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 160  
Address Scofield, Utah

By Harold Hawkins  
Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner

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
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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	Weekly report ending November 8, 1953

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

November 8, 1953

Well No. "A" #1 is located 2273 ft. from ~~XXX~~ [S] line and 1905 ft. from ~~XXX~~ [W] line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 291'

Reaming 9" hole to 15" hole.

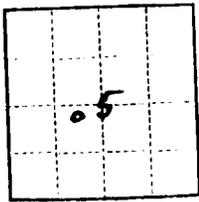


I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company  
P. O. Box 160  
Address Soofield, Utah

By Harold Hawthorn  
Title District Superintendent

Form 9-251a  
(Feb. 1951)



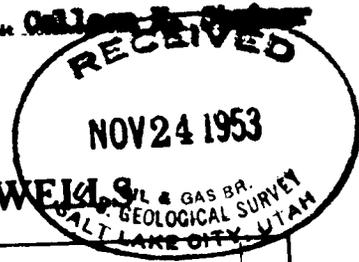
(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah

Lease No. 0-1330

Unit Calloway



ORIGINAL FORWARDED TO CASPER

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

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

November 2, 1953

Well No. 2200 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

5 (1/4 Sec. and Sec. No.) 15S (Twp.) 7E (Range) Salt Lake Basin (Meridian)  
Clear Creek (Field) Utah (State or Territory)

The elevation of the derrick floor above sea level is 8025 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 303'

Run 276.25' 20-2 1/2" OD, 8.2 lb. gal. 100.50#, Grade H-10, H-2, API Sals, Casing.

Casing set at 232.25' Cemented with 2 1/2 sacks of Cement Cement, 50 sacks of Bridgman. Plug on bottom at 3:30 P.M.

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

Company Utah State National Gas Company

Address 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100

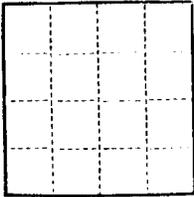
NOV 24 1953

By Harold Hawkins

W. G. Smith  
District Engineer

Title District Engineer

Form 9-331a  
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner

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.....
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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.....	Weekly report ending November 15, 1953

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

November 15, 1953

Well No. "A" #1 is located 2273 ft. from NY line and 1905 ft. from W line of sec. 5

SW Sec. 5 158 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 1127'

Drilling Sand & Coal, Ran Totco at 1120' 3/4".



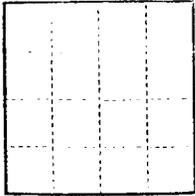
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company  
P. O. Box 160  
Address Scotfield, Utah

By Harold Hawkins

Title District Superintendent

Form 9-381a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
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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.....	
Weekly report ending November 22, 1953	

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

November 23, 1953

Well No. "A" #1 is located 2200 ft. from NS line and 1992 ft. from EW line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 2229'

Drilling in Sand & Shale. Slope Test at 2122' 1/2°.



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

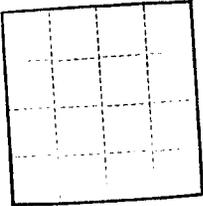
Company Three States Natural Gas Company  
P. O. Box 160  
Address Scofield, Utah

By Harold Hawkins

Title District Superintendent

Budget Bureau 42-R368.2.  
Approval expires 12-31-52.

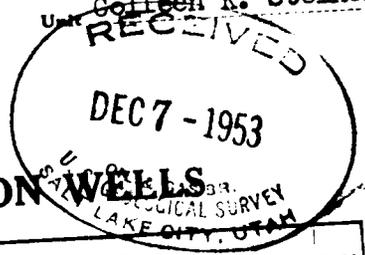
Form 9-331a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner



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
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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	

Weekly report ending November 29, 1953

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

November 30, 1953

Well No. "A" #1 is located 2200 ft. from ~~NSX~~ S line and 1992 ft. from ~~NE~~ W line of sec. 5  
SW Sec. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 3119'

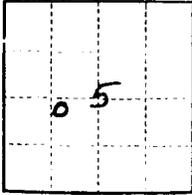
Drilling Sand & Shale.  
Ran Slope Test at 3030' - 3/4°.

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 160  
Address Scofield, Utah

By Harold Hawkins

Form 9-331a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
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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.....	<u>Subsequent report of Running Casing</u> <input checked="" type="checkbox"/>

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

December 13, 1953

Well No. "A" 1 is located 2200 ft. from XXX S line and 1 998 ft. from XXX W line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4355

Ran 4335.30 7 5/8 OD, 8rd. thd., 26.40', J-55, R-3, Casing with LEB.

Set at 4350 KB, Cemented with 225 Sacks of Reg. Cement  
Plugged down at 5:30 A.M. Top of Plug 4319.85.

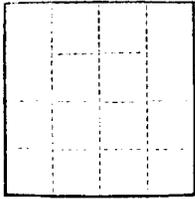
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Texas States Natural Gas Company

Address P. O. Box 160  
Southfield, Utah

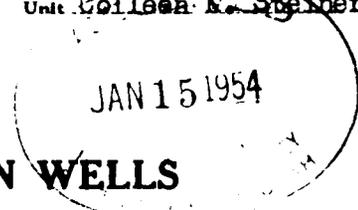
Approved JAN 4 1954  
(Orig. Sgd.) H. G. Scoville  
District Engineer

By Harold Hawkins  
Title District Superintendent



(SUBMIT IN TRIPLICATE)  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner



**SUNDRY NOTICES AND REPORTS ON WELLS**

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NOTICE OF INTENTION TO ABANDON WELL.....	

**Weekly Report ending December 6, 1953**

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

December 6, 1953

Well No. "A" #1 is located 2200 ft. from  S line and 1992 ft. from  W line of sec. 5

SW Sec. 5 15-S 7-E Salt Lake Base  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4121'

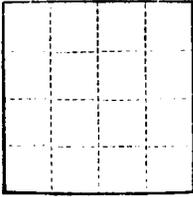
Drilling in Sand and Shale  
Slope Test at 4073' - Off vertical one (1) degree

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  
 Address P. O. Box 730 Price, Utah

By Harold Hawkins  
 Title District Superintendent

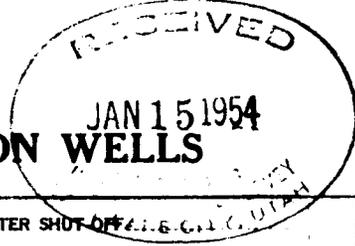
Form 9-2b1a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner



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	

Weekly Report ending December 13, 1953

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

December 13, 1953

Well No. "A" #1 is located 2200 ft. from N line and 1992 ft. from W line of sec. 5

SW Sec. 5 15-S 7-E Salt Lake Base  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4355'

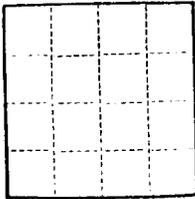
Ran 7-5/8" Casing  
Waiting on Cement

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 Harold Hawkins  
Title District Superintendent

Form 9-331a  
(Feb. 1961)



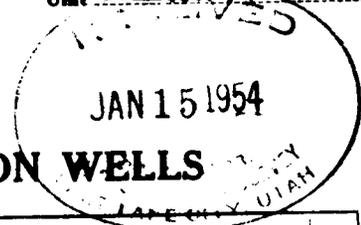
(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah

Lease No. 0-1339

Unit Colleen K. Steiner



SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	
Weekly Report ending December 20, 1953	

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

December 20, 1953

Well No. "A" #1 is located 2200 ft. from  S line and 1992 ft. from  W line of sec. 5

SW Sec. 5 15-8 7-E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4502'

Drilling ahead with gas

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

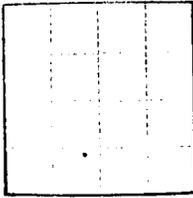
Company Three States Natural Gas Company

P. O. Box 730

Address Price, Utah

By Harold Hawkins

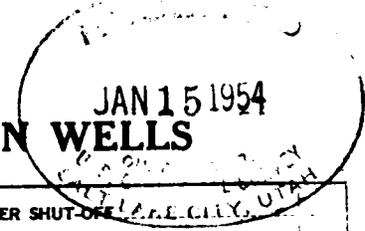
Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner



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
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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	

Weekly Report ending December 27, 1953

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

December 27, 19 53

Well No. "A" #1 is located 2200 ft. from N line and 1992 ft. from E line of sec. 5  
SW SEC. 5 15-S 7-E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4900'

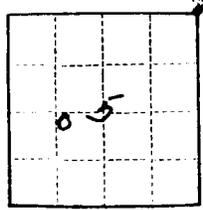
Drilling Sand and Shale  
Well making small amount of gas at 4599'  
Drilling at 4730' - Slight increase in gas

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 Harold Hawkins

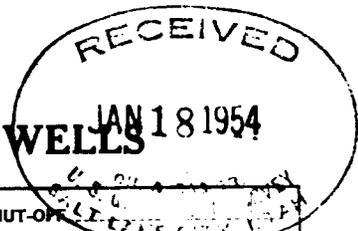
Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
ORIGINAL FORWARDED TO CASPER

Land Office Utah  
Lease No. 9-439  
Unit William L. Stetson



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 <del>WELL</del> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	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)

December 29, 1953

Well No. 2471 is located 2300 ft. from S line and 2300 ft. from W line of sec. 5  
24 5 15-8 7-8 Salt Lake Base  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Utah Utah  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5270 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: 1500'

We propose to shoot well at 1500' to 1700'  
with 600 quartz Nitro Dynamite

Propose to increase volume of gas

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

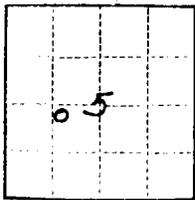
Company Three States Natural Gas Company  
P. O. Box 730  
 Address Price, Utah

Approved JAN 18 1954

By Harold Hawkins

(Orig. Sgd.) M. S. Seville  
 District Engineer MSS

Title Assistant Superintendent



(SUBMIT IN TRIPLICATE)

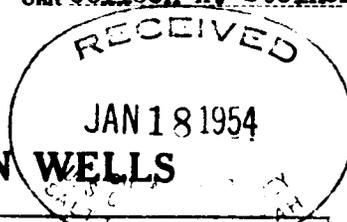
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah

Lease No. 0-1339

Unit Colleen K. Steiner

ORIGINAL FORWARDED TO CASPER



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 <del>HOODS</del> <input checked="" type="checkbox"/>
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)

December 30, 1953

Well No. "A" #1 is located 2200 ft. from  S line and 1992 ft. from  W line of sec. 5

SW Sec. 5 15-S 7-E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
 Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4900'

Set shot at 4560' to 4750' - 660 quarts Nitro  
 Shot went off at 2:30 P.M.  
 Results: Great volume of gas increase

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 Harold Hawkins  
 Title District Superintendent

Approved JAN 18 1954

(Dist. Eng.) M. S. Seville  
 District Engineer

Form 9-331a  
(Feb. 1951)

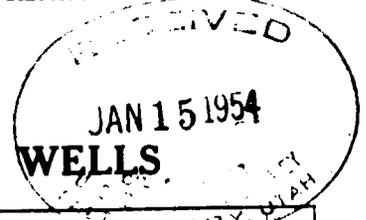
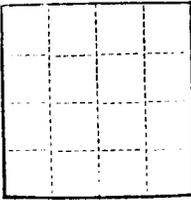
(SUBMIT IN TRIPPLICATE)

Land Office Utah

Lease No. 0-1339

Unit Colleen K. Steiner

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

Weekly Report ending January 3, 1954

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

January 3, 1954

Well No. "A" #1 is located 2200 ft. from  S line and 1992 ft. from  W line of sec. 5

SW Sec. 5 15-S 7-E Salt Lake Base  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
 Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4900'

Blowing Well

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

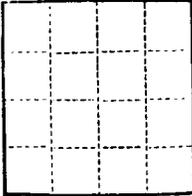
Company Three States Natural Gas Company

P. O. Box 730

Address Price, Utah

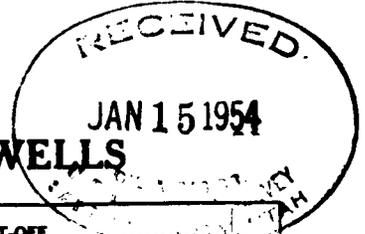
By Harold Hawkins

Title District Superintendent



(SUBMIT IN TRIPPLICATE)  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. 0-1339  
Unit Colleen K. Steiner



SUNDRY NOTICES AND REPORTS ON WELLS

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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.....	Weekly Report ending January 10, 1954

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

..... January 10, 19 54

Well No. "A" #1 is located 2200 ft. from  N  S line and 1992 ft. from  E  W line of sec. 5  
 SW Sec. 5 15-S 7-E Salt Lake Base  
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
 Clear Creek Emery U Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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)

T.D.: 4900'

January 4, 1954 - Well completed - 4900'  
 January 5, 1954 - Ran 4538.85' of 2-7/8" OD 8-RD Thd. 6.50# EUE tubing.  
 Tubing set at 4553.40' KB  
 (14.57' below KB)

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 Harold Hawtin

Title District Superintendent

SALT LAKE DIVISION

Warren L. Taylor  
Gas Engineering

U-01334

January 11, 1954  
Salt Lake City, Utah

Subject: Test data on Three States Natural Gas Company's Colleen K. Steiner No. A-1, Emery County, Utah.

Location: Sec 5, T 15 S, R 7 E; 2100/S & 1800/W.

Shut-in Pressure: SIPT = 1102 psig; SIPC = 1102 psig.

Absolute Open Flow: 110,000 MCFPD @ 14.65 & 60 & 0.60.

Wellhead Potential: 14,000 MCFPD thru tubing.  
70,000 MCFPD thru annulus.

Producing Formations: Ferron; Shot 660 qts @ 4560'-4780'.

Field: Clear Creek Extension.

Gas Analysis: Not received at this date. It is assumed that the gravity of this gas is 0.565.

Remarks: This well gauged approximately 4000 MCFPD before it was shot with 660 qts at 4560'-4780'. The well compares favorably with the Helen E. Walton A-3 which is located approximately 2½ miles to the north.



*Dist. Copy to Larson, need 2 copies  
2-2-54 to all such on Feb 2/15*

	<u>C.K. STEINER A-1</u>	<u>H.E. WALTON A-3</u>
Shut-in Pressure	1102 psig	1119 psig
Calc. B.H.P.:	1237.8 psia	1235.0 psia
Avg. Prod. Length:	4670'	3941'
Absolute Open Flow:	110,000 MCFPD	112,000 MCFPD
Open Flow Thru Tb'g:	14,000 MCFPD	16,000 MCFPD
Open Flow Thru Cs'g:	70,000 MCFPD	74,000 MCFPD
FPT = 1000 psig:	5600 MCFPD	6700 MCFPD
FPT = 900 psig:	7800 MCFPD	9200 MCFPD
FPT = 800 psig:	9300 MCFPD	10,900 MCFPD
FPC = 1000 psig:	26,000 MCFPD	29,000 MCFPD
FPC = 900 psig:	36,500 MCFPD	39,000 MCFPD
FPC = 800 psig:	43,500 MCFPD	46,500 MCFPD
(All volume figures on 14.65 & 60 & 0.60)		

Back-pressure test data, calculations, and curves accompany this report.

ts  
cc: C. L. Perkins  
H. F. Steen  
D. H. Tucker  
W. T. Hollis  
C. L. Moore  
G. O. Cragin

R. E. Johnson  
Gas Engineer

Three States Nat. Gas Co., Price, Utah, Attn: Mr. Hawkins (2)  
Three States Nat. Gas Co., Dallas, Texas, Attn: Mr. J. W. Wilson (3)  
Utah Nat. Gas Co., Provo, Utah, Attn: Mr. W.G.D. McElrath

THREE STATES NATURAL GAS COMPANY

COLLEEN K. STEINER NO. A-1

1-6-54

SIPT = 1102 psig

SIPC = 1102 psig

TEST THRU TUBING

0.375" plate

<u>MIN</u>	<u>TUBING</u>	<u>CASING</u>	<u>° F</u>	<u>REMARKS</u>
15	1058	1098	46	Freezing troubles
30	1054	1098	48	Hydrates Forming
45	1053	1098	48	" "
60	1053	1098	48	" "

0.500" plate

15	976	1095	52	Slight freezing in orifice & slight spray water
30	977	1096	52	"
45	977	1096	53	"
60	978	1096	54	"
75	978	1096	54	"

0.625" plate

15	867	1093	55	"
30	868	1093	55	"
45	868	1093	55	"
60	868	1093	55	"

0.750" plate

15	738	1089	54	"
30	738	1089	55	"
45	738	1089	55	(Gas Sample)

Shut-in Build-up

10	1102	1102	--	---
----	------	------	----	-----

TEST THRU ANNULUS

0.500" plate

<u>MIN</u>	<u>CASING</u>	<u>TUBING</u>	<u>PROVER</u>	<u>° F</u>	<u>REMARKS</u>
15	1093	1096	1090	51	Slight spray water
30	1093	1096	1091	51	"
45	1093	1096	1091	51	"

0.625" plate

15	1083	1088	1075	53	"
30	1084	1088	1070	53	"
45	1084	1088	1070	53	"

0.750" plate

15	1067	1077	1056	55	"
30	1068	1078	1057	57	"
45	1068	1078	1057	57	"

New Well    
 Workover   
 Re-Test   
 Reclassified   
 Oil to Gas

RAILROAD COMMISSION OF TEXAS  
 OIL AND GAS DIVISION

Form GWT-1  
 Back Pressure Test  
 for Gas Wells

RRC Dist. \_\_\_\_\_ Field CLAR CREEK Reservoir FERRON County EMERY UTAH  
 Well Owner THREE STATES NATURAL Lease COLLEEN K. STEINER Well No. A-1  
 Field Office Address SEC 5 - T 15S - R 7E; 2100S; 1800M Location (Nearest town) \_\_\_\_\_  
 Date of Test 1-6-54 Acres \_\_\_\_\_ Pipe Line Conn. \_\_\_\_\_ Survey \_\_\_\_\_  
 Gravity (Raw Gas) 0.565 Avg. Shut-In Temp. 75 F Bottom Hole Temp. 100 F @  
 Size CSG 7 7/8 " Wt./Ft. \_\_\_\_\_ Lbs. I. D. CSG. \_\_\_\_\_ Set at 1350  
 Size TBG 2 7/8 " Wt./Ft. \_\_\_\_\_ Lbs. I. D. TBG. \_\_\_\_\_ Set at 1553-60  
 Prod. Section From 1580-1780 Avg. Prod. Length, (L) 1670  
 Elevation 8091.60 Date of Completion 1-6-54 Producing through Tubing  through Casing

Angle of Slope,  $\theta =$  \_\_\_\_\_ ;  $n =$  70% **FIELD DATA** CSG

Run No.	Time of Run Min.	Shut-In Pressure	Coefficient	Shut-In Press PSIA	Shut-In Temp. °F	Wellhead Press PSIA	Wellhead Flow Temp. °F	$P_w^2$ (Thousands)
Shut-In				1113		1113	30	
1	60	0.375	3.142	1064	48	1109	48	1132.10 1399
2	75	0.500	5.653	999	54	1107	54	978.12 1209
3	10	0.625	8.550	879	55	1104	55	772.64 955
4	85	0.750	12.490	789	55	1100	55	561.00 683

**VOLUME CALCULATIONS**

Run No.	Size Line Fig.-Tap	Size Orifice	Motor Coeff. 24 Hrs.	Stroke Pm	Bliff. In	Flow Temp. °F	Temp. Factor	Gravity Factor	Compress. Factor	Volume MCF/Day
1		.375					1.0117	1.0324	1.087	3295 ✓
2		.5					1.0058	"	1.075	6229 ✓
3		.625					1.0045	"	1.066	8295 ✓
4		.750					1.0038	"	1.057	10240 ✓

**PRESSURE CALCULATIONS**

Gas Liquid Hydrocarbon Ratio \_\_\_\_\_ MCF per Bbl.  
 Gravity of Liquid Hydrocarbon \_\_\_\_\_ Dens.  
 Gas produced into pipe line during test \_\_\_\_\_ MCF.

$$(D \cdot C_{11})^{.95} = \frac{1}{F} \sqrt{\frac{L}{C}}$$

$$C = \frac{1118 \times (D \cdot C_{11})^{.95}}{\sqrt{F}}$$

$$\sqrt{GL} = \sqrt{\frac{1}{C}}$$

$$C_{mix} = P_c = 673; T_c = 341$$

Run No.	R	$P_w^2$ (Thousands)	A	$P_w/A$	F	K	$S = \frac{1}{Z}$	$E^{KS}$	$P_w^2 \cdot S$	$P_w^2 \cdot E^{KS}$	$P_w^2 - P_b^2$
Shut-In						09246	1.14918	1.1121	12378	1532	
1						09212	1.14918	1.1117	12329	1520	12 ✓ 133 ✓
2	<u>1580 CSG PRESSURES</u>					09212	1.14918	1.1117	12307	1515	17 ✓ 323 ✓
3						09212	1.14918	1.1117	12273	1506	26 ✓ 377 ✓
4						09212	1.14918	1.1117	12229	1495	37 ✓ 439 ✓

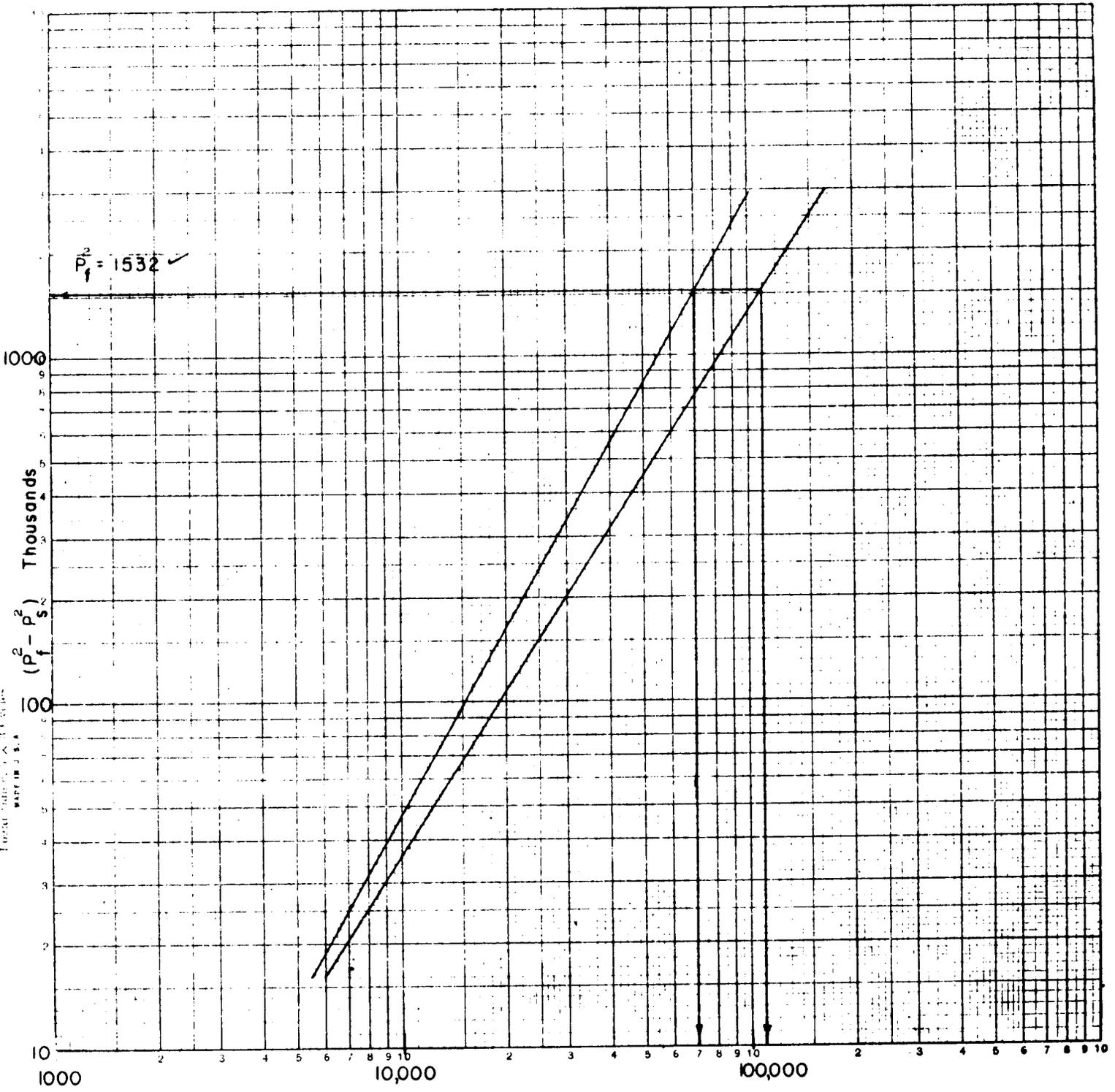
**OPEN FLOW TEST:**

Shut-In Press \_\_\_\_\_ Psig  
 Time Shut-In \_\_\_\_\_ Hrs.  
 Producing Through \_\_\_\_\_  
 In. H<sub>2</sub>O \_\_\_\_\_ In. Hg. \_\_\_\_\_ Psig

Time	Reading	Time	Reading
15		25	
20		30	

Absolute Open Flow 110,000 MCF/Day  
 Comm: W.H.P. = 14,000 MCF PD ✓  
 Comm: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Other: \_\_\_\_\_

THREE STATES NATURAL GAS CO.  
COLLEEN K. STEINER NO. A-1



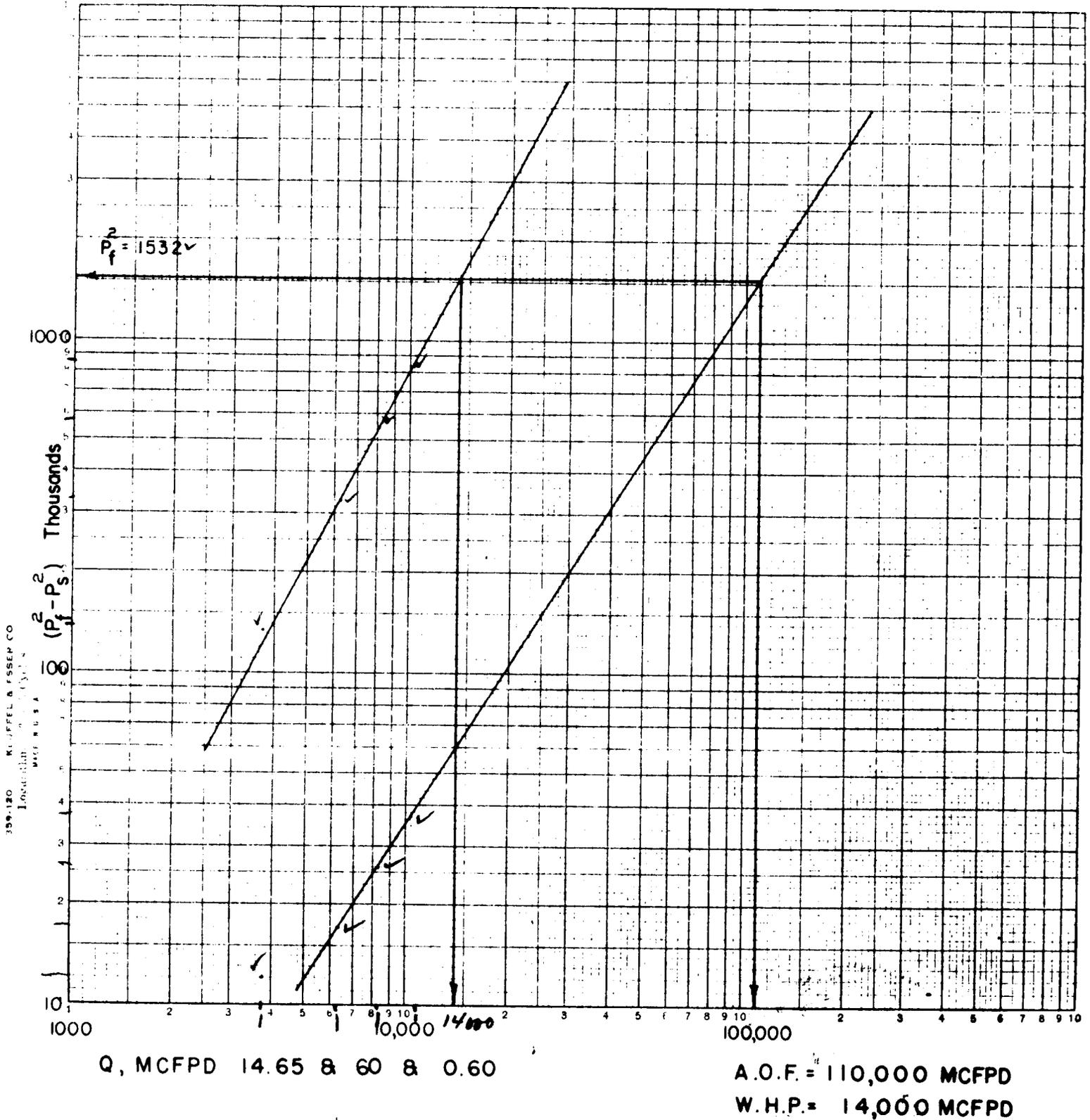
Q, MCFPD: 14.65 & 60 & 0.60

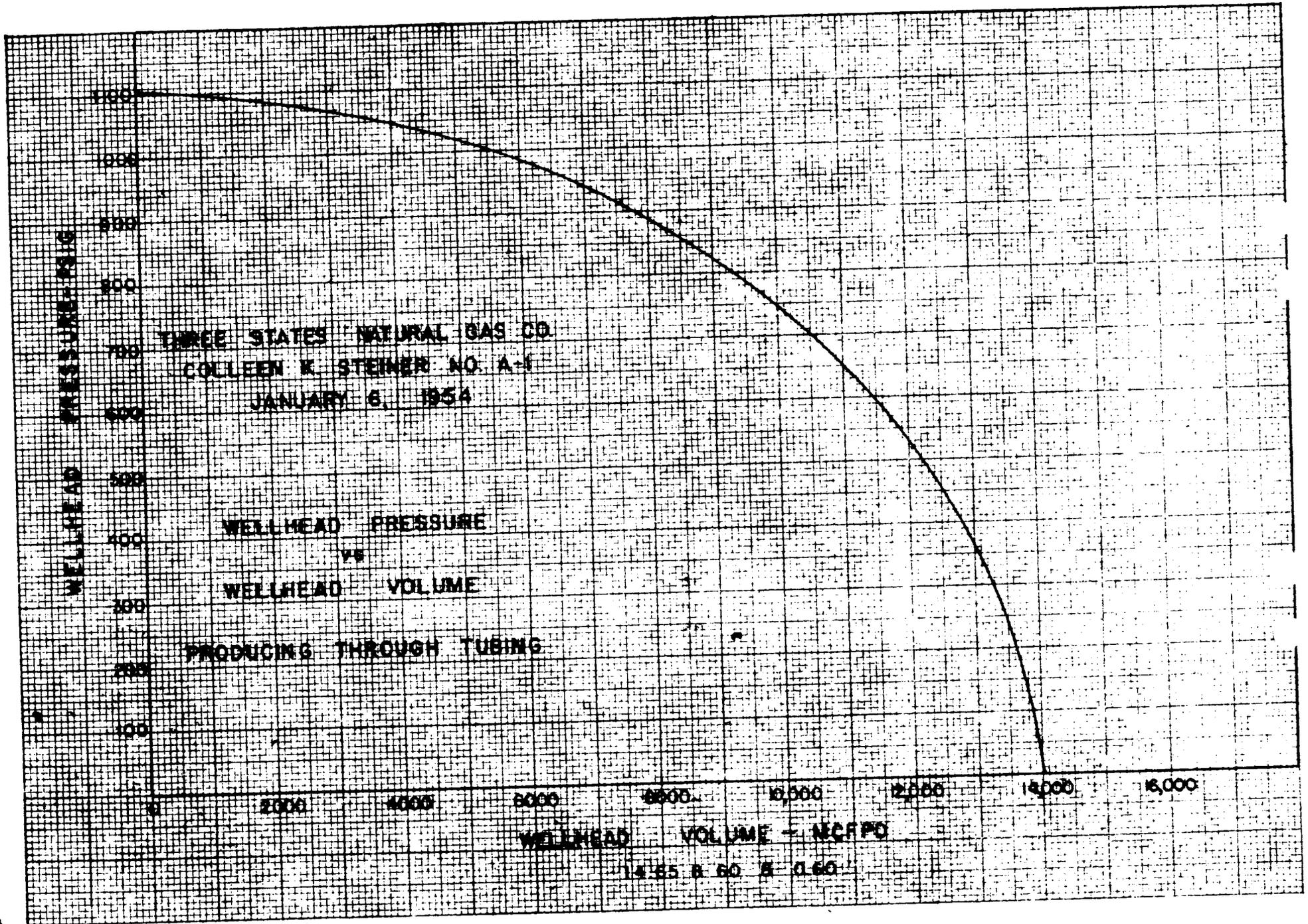
A.O.F. = 110,000 MCFPD

W.H.P. = 70,000 MCFPD

350-120 KEUFFEL & ESSER CO.  
EIGHT YEARS OF A.S.T.M. PRACTICE  
MADE IN U.S.A.

THREE STATES NATURAL GAS CO.  
COLLEEN K. STEINER NO. A-1





New Well   
 Workover \_\_\_\_\_  
 Re-Test \_\_\_\_\_  
 Reclassified \_\_\_\_\_  
 Oil to Gas \_\_\_\_\_

**RAILROAD COMMISSION OF TEXAS  
 OIL AND GAS DIVISION**

Form GWT-1  
 Back Pressure Test  
 for Gas Wells

RRC Dist. Field CLEAR CREEK Reservoir FERRON County EMERY, UTAH  
 Well Owner THREE STATES NATURAL GAS COLLEEN K STEINER Well No. A-1  
 Field Office Address SEC 5 - T 155 - R 7E; 2005, 1900 W Location (Nearest town) \_\_\_\_\_  
 Date of Test 1-6-58 Acres \_\_\_\_\_ Pipe Line Conn. \_\_\_\_\_ Survey \_\_\_\_\_  
 Gravity (Raw Gas) 0.565 Avg. Shut-In Temp. 75 F Bottom Hole Temp. 100 F @  
 Size CSG. 7 7/8" Wt./Ft. \_\_\_\_\_ Lbs. I. D. CSG. \_\_\_\_\_ Set at 4350  
 Size TBG. 2 3/8" EUE Wt./Ft. \_\_\_\_\_ Lbs. I. D. TBG. \_\_\_\_\_ Set at 4553-60  
 Prod. Section From 4560-4700 Avg. Prod. Length. (L) 4670  
 Elevation 8091.60 Date of Completion 1-6-58 Producing through Tubing \_\_\_\_\_ through Casing

Angle of Slope,  $\theta =$  \_\_\_\_\_ ;  $n =$  0.5 **FIELD DATA** 1.0

Run No.	Time of Run Min.	Shut-In Size	Coefficient	Shut-In Press PMA	Shut-In Temp. $\rightarrow$ PROVER	Wellhead Press PMA	Wellhead Flow Temp. F	$P_1^2$ (Thousands)
Shut-In				1113		1113	50	
1	45	0.500	5.653	1102	1102	1107	51	1219.82 1206
2	45	0.625	8.550	1095	1081	1099	53	1199.03 1182
3	45	0.750	12.490	1079	1068	1089	57	1164.24 1139
4								
5								

**VOLUME CALCULATIONS**

Run No.	Size Line Fig.-Tap	Size Orifice	Motor Coeff. 24 Hrs.	Static Pm	Dist. In.	Flow Temp. F	Temp. Exp. Pm	Gravity Factor $\rho_g$	Compress. Factor $Z_g$	Volume MCF/Day
1							1.000	1.0300	1.086	7032
2							1.0068	"	1.081	10,360
3							1.0079	"	1.079	14,870
4										
5										

Gas Liquid Hydrocarbon Ratio \_\_\_\_\_ MCF per Bbl.  
 Gravity of Liquid Hydrocarbon \_\_\_\_\_ Deg.  
 Gas produced into pipe line during test \_\_\_\_\_ MCF.

**PRESSURE CALCULATIONS**

$$(D_{0.11})^{9/3} = \dots \sqrt{\frac{T}{F}} = \dots$$

$$C = \frac{1110 \times (D_{0.11})^{9/3}}{\sqrt{T}} = \dots$$

$$\sqrt{GL} = \sqrt{\dots} = \frac{\sqrt{GL}}{C} = \dots$$

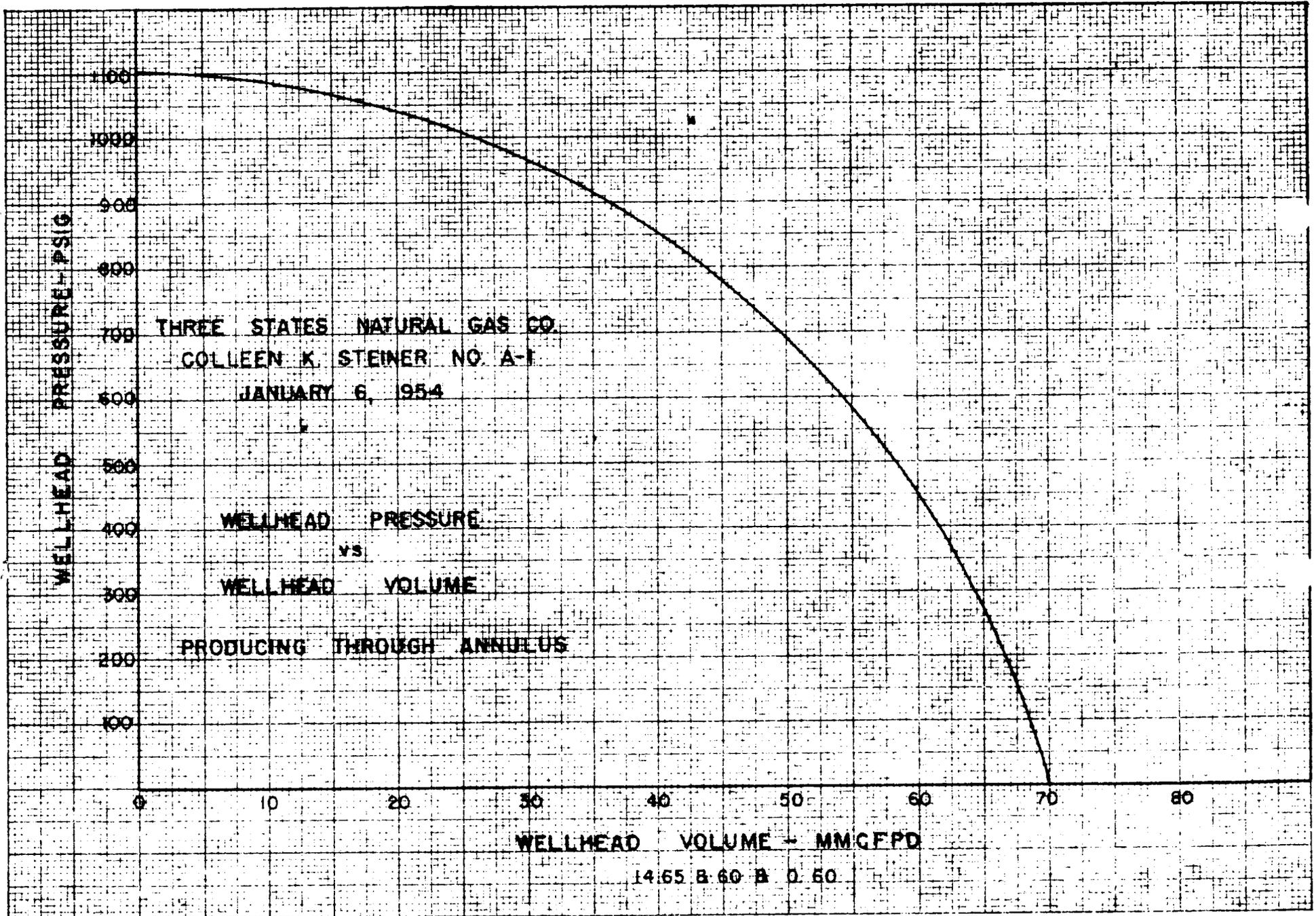
$$G_{mix} = \dots \quad R_2 = 673; T_c = 341$$

Run No.	R	$R^2$ (Thousands)	A	$R_1/A$	F	K	$S = \frac{1}{2}$	$E^{KS}$	$P_1^2$	$P_2^2$	$P_1^2 - P_2^2$
Shut-In									12378	1532	
1						09206	1.14918	1.1121	12307	1515	17 26
2						09212	1.14918	1.1117	12218	1494	38 52
3						09212	1.14918	1.1117	12106	1466	64 93
4											
5											

**OPEN FLOW TEST:**

Shut-In Press _____ Psig	Time Shut-In _____ Hrs.
Producing Through _____	
In. H <sub>2</sub> O _____ In. Hg _____ Psig _____	
Time Reading _____	Time Reading _____
15 _____ 25 _____	
20 _____ 30 _____	

Absolute Open Flow 119,000 MCF/Day  
 Comm: N.H.P. = 70,000 MCFPD  
 Conn: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Signature DEJ

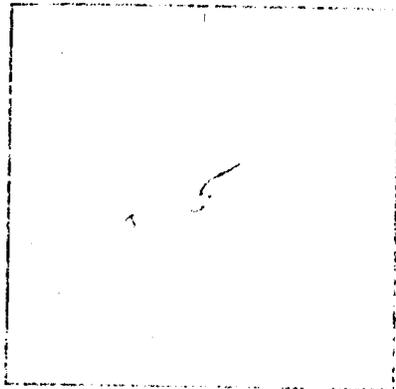


U.S. LAND OFFICE Utah  
 SERIAL NUMBER 01339  
 LEASE OR PERMIT TO PROSPECT

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

ORIGINAL FORWARDED TO CASPER



LOCATE WELL ON MAP

Company Three States Natural Gas Company P. O. Box 730  
 Operator Colleen K. Steiner "A" Clear Creek State Utah  
 Well No. 1 5 15S 7E Salt Lake Base County Emery  
 Location 2200 S 1992 of W. 1/4 of SW Section 5 Elevation 8100 KB

The information given here with is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed orig by Harold Hawkins

Date April 7, 1954 Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling November 5 1953 Finished drilling January 6 1954

**OIL OR GAS SANDS OR ZONES**

Interval (ft)		Depth (ft)	Interval (ft)	Depth (ft)
No. 1, from <u>4456'</u>	<u>4466'</u>	1	No. 4, from <u>4638'</u>	<u>4657'</u>
<u>4478'</u>	<u>4482'</u>	4	<u>4664'</u>	<u>4687'</u>
No. 2, from <u>4490'</u>	<u>4492'</u>	2	No. 5, from <u>4695'</u>	<u>4698'</u>
<u>4504'</u>	<u>4510'</u>	6	<u>4701'</u>	<u>4702'</u>
No. 3, from <u>4526'</u>	<u>4536'</u>	10	No. 6, from <u>4705'</u>	<u>4713'</u>
<u>4580'</u>	<u>4582'</u>	2	No. 3, from <u>4720'</u>	<u>4732'</u>
<u>4600'</u>	<u>4604'</u>	4	<u>4749'</u>	<u>4757'</u>
No. 2, from <u>4620'</u>	<u>4622'</u>	2	No. 4, from <u>4767'</u>	<u>4771'</u>
<u>4632'</u>	<u>4634'</u>	2		

**CASING RECORD**

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
<u>10-3/4</u>	<u>40.50#</u>	<u>8Rd.Thd.</u>	<u>Nat.</u>	<u>276.28</u>	<u>Guide</u>			<u>Surface</u>
<u>7-5/8</u>	<u>26.40#</u>	<u>8Rd.Thd.</u>	<u>J&amp;L</u>	<u>1335.30</u>	<u>Guide</u>			<u>Production</u>
<u>2-7/8</u>	<u>6.50#</u>	<u>8Rd.Thd.</u>	<u>Nat.</u>	<u>4538.83'</u>				<u>Production</u>

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>292.28 KB</u>	<u>240 cement-50</u>	<u>bridget Halliburton</u>		
<u>7-5/8"</u>	<u>4350' KB</u>	<u>225 Reg. Cement</u>	<u>Halliburton</u>		

**PLUGS AND ADAPTERS**

**SHOOTING RECORD**

OLD MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	Zero Hour Bomb F-11892	Nitro	660 lbs. O/B	12-30-53	4560' to 4780'	Cleaned self

**TOOLS USED**

Rotary tools were used from 0' feet to 4900' feet, and from ... feet to ... feet  
 Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

**DATES**

The production for the first 24 hours was ... barrels of fluid of which ... % was oil ... %  
 emulsion: ... % water; and ... % sediment. ... Gravity: 86

If gas well, cu. ft. per 24 hours **110,000 MCF** Gallons gas free per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. **1237.8# Calculated**

**EMPLOYEES**

**M. A. Sarafiel** , Driller **Tom Larkins** , Driller  
**Frank Vetere** , Driller **Jerry Loman** , Driller  
~~xxxx~~

**FORMATION RECORD**

Tool Pusher

FROM	TO	TOTAL FEET	FORMATION
0'	855'	855'	Upper Mancos Shale
855'	2350'	1495'	Emery Sand Stone
2350'	4348'	1998'	Middle Mancos Shale
4348'	4829'	481'	Ferron Sand Stone
4829'	4900'	71'	Lower Mancos Shale
		4900' TD	

## HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

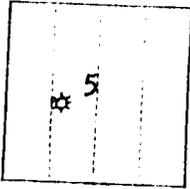
Nov. 5, 1953 @ 2:30 P.M.  
 Nov. 8, 1953 - TD: 303'  
 Nov. 14, 1953 - TD: 1033'  
 Nov. 14, 1953 - TD: 1033'  
 Dec. 4, 1953 - TD: 3998'  
  
 Dec. 8, 1953 - TD: 4323'  
 Dec. 10, 1953 - TD: 4355'  
 Dec. 11, 1953 - TD: 4355'  
 Dec. 17, 1953  
  
 Dec. 21, 1953 - TD: 4599'  
 Dec. 24, 1953 - TD: 4730'  
 Dec. 26, 1953  
 Dec. 27, 1953 - TD: 4900'  
  
 Dec. 30, 1953 - TD: 4900'  
  
 Dec. 30, 1953  
  
 Jan. 4, 1954  
 Jan. 4, 1954  
 Jan. 8, 1954

**Spudding Well.**  
 Ran 10-3/4" O.D. Surface Casing.  
 Twisted off bottom drill collar.  
 Recovered Fish.  
 Change from drilling with water to drilling with mud.  
 Ran Schlumberger - 292' to 4323'  
 Drilling with mud to 4355'  
 Set 7-5/8" casing @ 4350'  
 Drilling with gas @ 4355' after 7-5/8" casing was set.  
 Hole making little gas.  
 Small increase in gas. 4696' to 4730'  
 Boilerhouse on Fire, Rig #3  
 Running Schlumberger induction and Gamma Ray Logs gauged approximately 4,000 MCF  
 Shot well @ 4560' to 4780' with 660 quarts of Nitro-Glycerine  
 Well cleaned itself with large increase of gas  
**Blowing Well.**  
 Rigging up Otis Pressure Control to run tubing  
 Ran 2-7/8" Tubing.  
 El Paso Natural Gas Company ran Open-Flow Potential Test.

ORIGINAL FORWARDED TO CVCSBY

01338

1954



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION DIVISION

Sec. 5  
T. 15 S.  
R. 7 E.  
S. L. Mer.

INDIVIDUAL WELL RECORD

PUBLIC LAND:  
5-yr. lease dated 1-1-52.

Date August 6, 1954

Ref. No. 1

Land office Utah

State Utah

Serial No. 01339

County Emery

Lessee Peggy Clark and  
N. G. Morgan, Sr., et al.

Field Clear Creek (Ext. Wildcat)

Operator Three States Natural Gas Co.

District Salt Lake City

Well No. A-1 Steiner

Subdivision NW 1/4 NE 1/4 SW 1/4

Location 2200 ft. from S. line and 1992 ft. from W. line of sec. 5

Drilling approved November 2, 19 53 Well elevation 8091 G.L., 8102 K.B. feet

Drilling commenced November 5, 19 53 Total depth 4900 feet

Drilling ceased January 7, 19 54 Initial production 110,000 MCFGPD Abs. O.F.

Completed for production January 6, 19 54 Tubing open flow: 14,000 MCFGPD

Gravity A. P. I.

Abandonment approved \_\_\_\_\_, 19 \_\_\_\_ Initial R. P. 1102 psig - surface

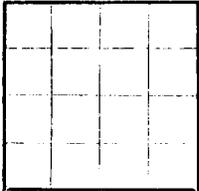
Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depths	Contents
<u>Blackhawk</u>	<u>Lower Mancos</u>	<u>Ferron</u>	<u>4456-4771'</u> <u>120' net</u>	<u>Gas</u>

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1953											<u>Drg</u> <u>3260'</u>	<u>Drg</u> <u>4350'</u>
1954	<u>GSI</u> <u>4900'</u>							<u>PGW</u>				
											<u>Abd</u> <u>4900</u>	

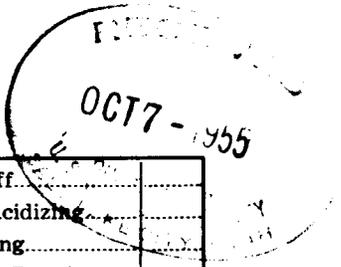
REMARKS All depths from K.B. 10-3/4" ss 292' w/290 ss., Emery 855-2350',  
7-5/8" ss 4350' w/225 ss.; Ferron 4339-4829' drilled with gas.  
Gauged 4,000 MCFGPD. Shot 4560-4780' w/660 quarts S.N.O.

*\* Production declined to rate of 2270 MCFGPD  
D wtr. to 9,055 gal/ft in August 1956. Abd. 10-18-56*



(SUBMIT IN TRIPLICATE)  
**UNITED STATES**  
**DEPARTMENT OF INTERIOR**  
**GEOLOGICAL SURVEY**

LAND OFFICE Salt Lake  
LEASE NO. U-01339  
~~NAME~~ Colleen K. Steiner "A"



**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 <del>to</del> Water Shut-off.....	<b>XX</b>	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)

..... September 5, ..... 1955 .....

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 SEC. AND SEC. NO.) (TWP.) (RANGE) (MERIDIAN)  
Clear Creek Kearny Utah  
(FIELD) (COUNTY OR SUBDIVISION) (STATE OR TERRITORY)

The elevation of the derrick floor above sea level is 8092 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: 4900'.

We propose to used Rotary Tools to shut off water.  
We are unable to determine the depth of the water flow and propose to test the 7-5/8"OD casing, Swab well and if possible cement water flow off.

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  
Address P. O. Box 730  
Price, Utah

By W. K. Riley  
Title District Superintendent

OCT 7 - 1955

Approved [Signature]

(SUBMIT IN TRIPLICATE)

LAND OFFICE Salt Lake

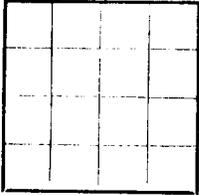
UNITED STATES

LEASE NO. U-01339

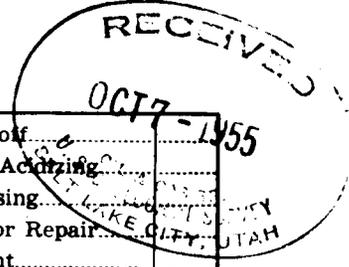
DEPARTMENT OF INTERIOR

~~by~~ Colleen L. Steiner "A"

GEOLOGICAL SURVEY



**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.....			
		<u>Weekly report ending 9-18-55</u>	<input checked="" type="checkbox"/>

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

September 21, 1955

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 SEC. AND SEC. NO.) (TWP.) (RANGE) (MERIDIAN)

Clear Creek Emery Utah  
(FIELD) (COUNTY OR SUBDIVISION) (STATE OR TERRITORY)

The elevation of the derrick floor above sea level is 8091 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)

- ID: 4900
- 9-5-55 Moving in Rotary Tools, and Started Rigging up.
  - 9-8-55 Well dead, Inns Tree off well, Blow-out preventor on well head.
  - 9-9-55 Going in hole w/6 1/2" bit to drill out bridge. Hit bridge at 4276', drilled bridge at 4434'. started cleaning out at 4483'.
  - 9-11-55 Cleaned out to 4512', making a trip for new bit.
  - 9-16-55 Cleaned out to 4640'.
  - 9-18-55 Cleaned out to 4800', Preparing to run Schlumberger Caliper Log, and Plug back with Cement.

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

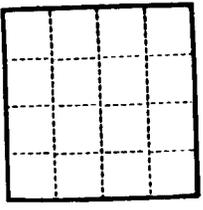
Approved OCT 7 - 1955

By W. B. Riley

Title District Superintendent

District Engineer

ORIGINAL FORWARDED TO



(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Office Salt Lake  
Lease No. U-01339  
Colleen K. Steiner "A"



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	Weekly report ending 9-25-55	XX

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

October 4, 1955

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW SEC. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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)

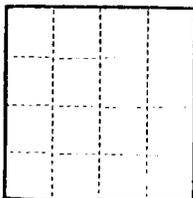
TD:4900'

- 9-19-55 Cleaned out to 4800'. Conditioning hole for plug back. (No Plug Back)
- 9-21-55 Back on Bottom, bridge at 4450'.
- 9-22-55 Ran Schlumberger Hole Caliper Log. Packer would not hold.
- 9-25-55 Swabbing 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

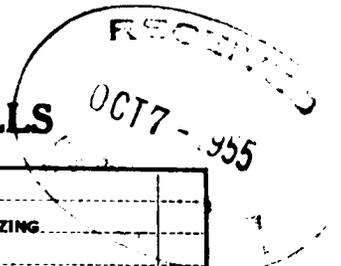


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01339  
OGS Colleen K. Stainer "A"

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.....		
Weekly report ending 10-2-55		<input checked="" type="checkbox"/>

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

October 4, 1955

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5  
(1/4 Sec. and Sec. No.)

15S  
(Twp.)

7E  
(Range)

Salt Lake Base  
(Meridian)

Clear Creek  
(Field)

Emery County  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4900'

- 9-24-55 Tested 7-5/8"OD Casing by Halliburton w/1500# pressure, casing OK.
- 9-26-55 Lost swab in hole preparing to pull tubing.
- 9-28-55 Ran Halliburton Testing tool. Gas to surface in 15 minutes, light blow held for two hours.
- 10-1-55 Hooked well up to separator for nine hours, well produced approx. 115,000 CF gas with 4 gallons water.
- 10-2-55 Drilling bridge at 4420'.

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

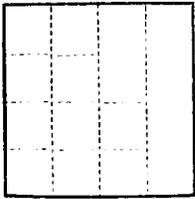
P. O. Box 730

Address Price, Utah

By W. K. Stainer

Title District Superintendent

Form 9-331a  
(Feb. 1951)

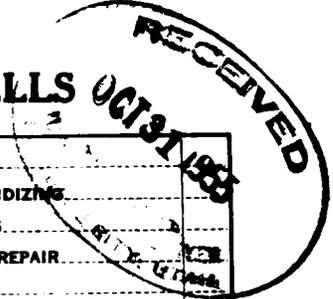


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01339  
**By** Colleen K. Steiner "A"

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.....	

Weekly report ending 10-9-55

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

October 17, 1955

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5, 15S 7E Salt Lake Base  
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4900'

10-3-55, Drilling on secon bridge at 4684', first bridge 4420' to 4450'.  
10-4-55, W.O.C., Used 30 sacks cement, set cement plug at 4800', to 4770', started to wash back cement and formation started to break down. Pulled up to 4380' and set plug w/20 sacks.  
10-6-55, Set Bridge Plug at 4358', pressuring up after setting bridge plug. (Top of cement at 4339'.)

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

Form 9-331a  
(Feb 1951)



(SUBMIT IN TRIPPLICATE)

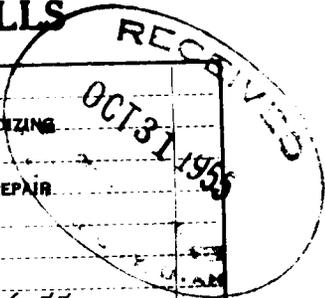
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01339  
~~XXX~~ Colleen K. Steiner "A"

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.....	

Weekly report ending 10-16-55



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

October 17, 1955

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4900',

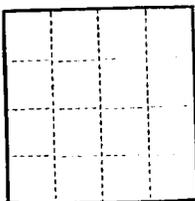
- 10-10-55 Set cement plug at 4800', w/50 sacks cement and 4% Calcuim Chloride.
- 10-11-55 Top cement plug at 4652', drilled plug to 4770', conditioning hole to run 5"OD liner.
- 10-12-55 Ran 16 joints 479', 5"OD 15.00#, Spang Seamless Extremeline Casing Grade J-55, R-2, condition "A". Bottom 150' perforated.
- 10-15-55 Swabbing well, swabbing muddy water.
- 10-16-55 Pulled swab line into, approximately 2700' water in hole.

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  
Address P. O. Box 730  
Price, Utah

By W. K. Riley  
Title District Superintendent

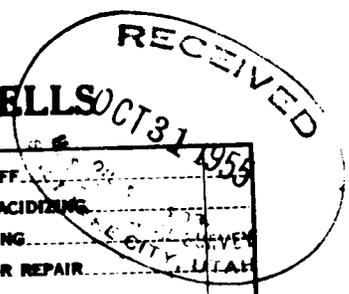
Form 9-831a  
(Feb. 1961)



(SUBMIT IN TRIPPLICATE)  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01339  
Colleen K. Steiner "A"

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
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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	Weekly report ending 10-23-55

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

October 25, 1955

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(X Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4900'

- 10-17-55 Swab still in tubing. Casing pressure 875#, waiting on swabbing unit.
- 10-18-55 Fishing for swab, rigging up swabbing unit.
- 10-19-55 Swabbed well in, well started flowing died in one hour. 800# casing pressure when swabbing, well died casing pressure dropped to "0".
- 10-22-55 Swabbing approximately 468 bbls water per day.
- 10-23-55 Swabbing well and let well blow till dead. swabbing approximately 18 bbls. water per hour.

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

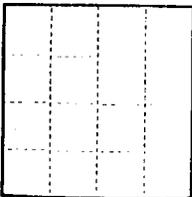
Company Three States Natural Gas Company  
Address P. O. Box 730  
Price, Utah

By W. K. Riley  
Title District Superintendent

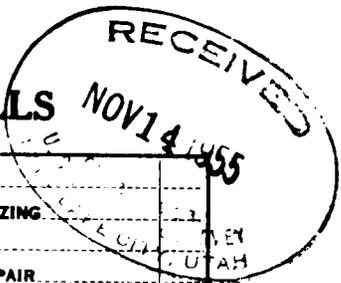
(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01339  
Clerk Colleen K. Steiner "A"



SUNDRY NOTICES AND REPORTS ON WELLS



NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

Weekly report ending 10-30-55

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

November 7, 1955

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 ft. Gound

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: 4900'

- 10-24-55 Swabbing well, casing pressure 775#, well blowing.
- 10-25-55 Swabbed well in at 7:00 PM, 10-24-55, Well still flowing since 7:00 PM. (13-hours) Well flowing approximately 4,000 MCF/D w/2" stream of water.
- 10-26-55 Well still blowing.
- 10-27-55 Well still blowing, casing pressure 425#. Measured 304 bbls water with 4,000 MCF Gas in 24 hours.
- 10-30-55 Well still flowing approximately 4,000 MCF/D w/2" stream of water.

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

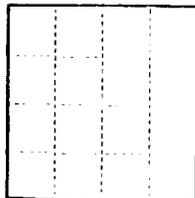
Company Three States Natural Gas Company

P. O. Box 730

Address Price, Utah

By W. K. Riley

Title District Superintendent



(SUBMIT IN TRIPLICATE)

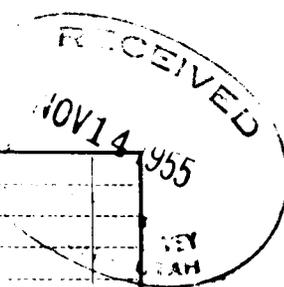
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake

Lease No. U-01339

Agent Colleen K. Steiner "A"

SUNDRY NOTICES AND REPORTS ON WELLS



NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

Weekly report ending 11-6-55

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

November 7, 1955

Well No. 1 is located 2200 ft. from ~~100~~ [S] line and 1992 ft. from ~~Ex~~ [W] line of sec. 5

SW Sec. 5 15S Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4900'

- 10-31-55 Installing D.O.P. to pull tubing.
- 10-2-55 Tubing out of hole preparing to run Larkin packer to Mud Acid, Set Packer at 4159', Packer set 122' above top of Liner.
- 11-3-55 Acidized w/2000 gallons of 10% Mud Acid. Break down pressure, 800 PSI, Acid went in at 500 PSI, after 15 minutes, displacement went to zero.
- 11-4-55 Swabbing 20 bbls water per hour w/small amount of gas.
- 11-5-55 Swabbing water, fluid level standing at 3000', no Gas.
- 11-6-55 Fishing for Swab.

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

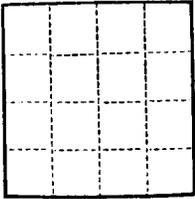
Company Three States Natural Gas Company

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-01339  
~~XXX~~ Colleen K. Steiner "A"

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		
Weekly report ending November 13,		XX

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

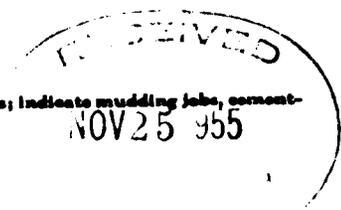
November 10, 1955

Well No. 1 is located 2200 ft. from S line and 1.992 ft. from W line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(Of Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 ft. Ground

DETAILS OF WORK



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

TD: 4900'

- 11-7-55, Fished out swab. Swabbing well.
- 11-8-55 Swabbing well.
- 11-9-55 Released swabbing unit at 6:00 P.M., preparing to pull tubing and shut-in well.
- 11-11-55 Tubing out of hole, preparing to shut-in well, and tear down Rotary Rig.
- 11-11-55 Rotary Rig off of location, well shut-in temporarily.  
( Work-over Job Completed - Well Shut-in )

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

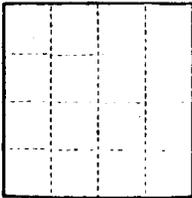
Company Three States Natural Gas Company  
P. O. Box 730  
Address Price, Utah

By W. K. Riley  
Title District Superintendent

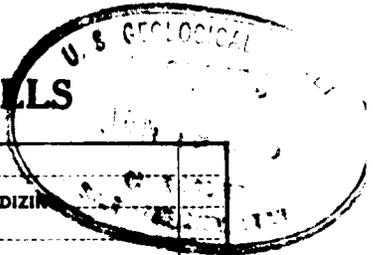
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake  
Lease No. U-01339  
By Colleen K. Steiner "A"

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS



NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
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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.....	

Weekly report ending November 13, 1955

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

November 15, 1955

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8091 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: 4900'

- 11-7-55 Fished out swab. Swabbing well, well flowed 1-1/4 hour and then died.
- 11-9-55 Released Day & Night swabbing unit, preparing to pull tubing and shut well in temporarily.
- 11-12-55 Tubing out of hole. teasing down rotary tools.
- 11-13-55 rotary tools off location. Installed 2 1/2 and shut well-in.

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

Address P. O. Box 730  
Price, Utah

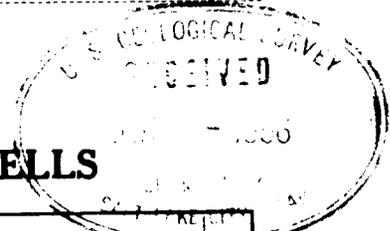
Approved JAN 25 1956  
[Signature]  
District Engineer

By [Signature]  
Title District Superintendent

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. U-01339  
C. K. Steiner "A"



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

*Notice of intention of pulling casing and plugging well.*

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

July 20, 1956

Well No. 1 is located 2200 ft. from N line and 1992 ft. from W line of sec. 5

3<sup>rd</sup> Section 5 15S 7E Salt Lake Base  
(3<sup>rd</sup> Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Clear Creek Gar Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8102 ft. K.B.  
8091 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)  
ED: 4900', P.B.T.D. 4772'

We propose to use Rotary Drilling Tools in cleaning out this well to P.B.T.D. 4772', pull the 5"OD 15# J-55 Extreme-line Casing Liner and plug well with cement inside of 7-5/8"OD casing which is set @ 4350' K.B.

The last day of production for this well was August 21, 1955.

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  
Address P. O. Box 730  
Price, Utah

FOR RECORD PURPOSE ONLY

Not approved. Notice to abandon & Subsequent report of pulling casing & plugging well both received in this office July 2, 1956

By W. K. Riley  
Title District Superintendent

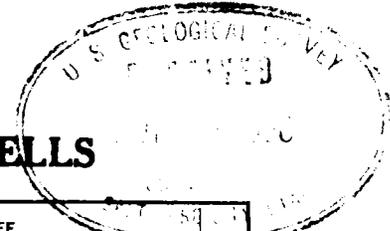
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake

Lease No. U-01339

By C. K. Steiner "A"

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING .....	SUPPLEMENTARY WELL HISTORY .....
NOTICE OF INTENTION TO ABANDON WELL .....	

Subsequent of pulling casing and plugging well.

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

June 5, 19 56

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Section 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8102 ft. N.B.  
8091 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: 4900'

Completed rigging up rotary drilling tools on May 25, 1956, mud up and run spear and jars, pulled 16 joints a total of 479' of 5" OD 15# J-55 Spang Extreme Line casing, lay down casing and washed to bottom, P.B.T.D. 4772'. Cleaned out to Plugged Back Total Depth and spotted cement plug, using 40 sacks of Bridget, lost little returns in spotting plug. Went in hole and found top of plug @ 4622'. Plugged back again with 60 sacks of Bridget by Halliburton Oil Well Cementing Company. Set another cement plug by Halliburton from 4449' to 4208' used 75 sacks of cement with 3% Calcium Chloride, Plugged down @ 4:00 P.M., 5-30-56. Plugged back Total Depth after plugging well: 4208', 7-5/8" OD casing set @ 4350'.

(Well Temporary Plugged and Abandon)

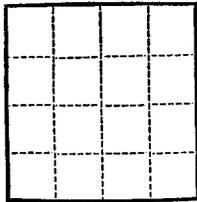
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Company

Address P. O. Box 730  
Price, Utah

**FOR RECORD PURPOSE ONLY**  
**Not Approved. Notice to abandon & Subsequent report of pulling casing & plugging well both received in this office July 2, 1956**

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-01339  
~~XXX~~ D.K. Steiner "A"

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL <del>OR REPAIR</del> CASING.....	XX	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	XX		

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

October 18, 1956

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5      15S      7E      Salt Lake Base  
( $\frac{1}{4}$  Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Clear Creek      Emery      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 8102 ft. K.B.

DETAILS OF WORK

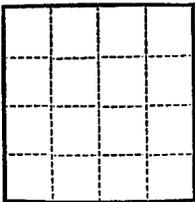
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

P.B.T.D. After pulling 5"OD Casing Liner - 4208'.  
We propose to use a casing pulling unit to pull casing and plug well with bailer. The 7-5/8"OD casing is set @ 4350'. We propose to run Magna-Tector Survey and Jet Cut casing and pull same. We expect to pull approximately 3000 feet of 7-5/8"OD casing and plug well by bailer, to spot a cement plug where casing is cut, spot a 50' cement plug from approximately 2500' to 2450', a 50' cement plug from approximately 1000' to 950', a 50' cement plug from 300' to 250', and a 50' surface plug and set a well location marker extending four feet above ground level with well location marker on same.

(This subject plugging was approved by telephone from Mr. D.F. Russell to Mr. W. K. Riley)

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-01339  
~~WELL~~ C.K. Steiner "A"

SUNDRY NOTICES AND REPORTS ON WELLS

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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 & Pulling csg. X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY..... (Plugging Well) X
NOTICE OF INTENTION TO ABANDON WELL.....	

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

November 21, 1956

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

NE SW SEC. 5 15 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8102 ft. K.B.

DETAILS OF WORK

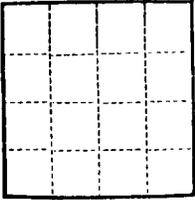
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Moved in Casing Pulling Unit on 10-18-56, McCullough Tool Company ran Magna-Tector Free Point Indicator, found free point @ 3160'. McCullough Tool Company cut casing by Jet Casing Cutter @ 3160'. Pulled approximately 3160' of 7-5/8"OD 8rd.thd., 26.40# Grade J-55 R-3 Casing W/LT&C. Set 50' cement plug @ 3160'. Set 50' cement plug from 2525' to 2475', set 50' cement plug from 1000' to 950', set 50' cement plug from 250' to 200'. Set a 50' cement plug from 50' to surface and spotted 25 sacks of cement in bottom of cellar and set up a location marker, cementing same in top of surface, marker extending four to five feet above surface with well location description welded on same. Well plugged and abandon.

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



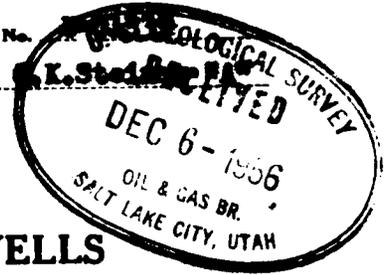
(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

and Office SALT LAKE

Lease No. \_\_\_\_\_

\_\_\_\_\_



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 & Pulling Cas. <input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY..... (Plugging well) <input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....	

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

November 21, 1954

Well No. 1 is located 2200 ft. from S line and 1272 ft. from W line of sec. 5

NE 1/4 Sec. 5 (1/4 Sec. and Sec. No.)      15E (Twp.)      7E (Range)      Salt Lake Basin (Meridian)

Clear Creek (Field)      Emery (County or Subdivision)      Utah (State or Territory)

The elevation of the derrick floor above sea level is 3162 ft.K.B.

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)

Moved in Casing Pulling Unit on 10-18-56, McCullough Tool Company ran Magna-Tester Free Point Indicator, found free point @ 3160'. McCullough Tool Company cut casing by Jet Casing Cutter @ 3160'. Pulled approximately 3160' of 7-5/8" OD Std. Wts., 26-lb Grade J-55 E-3 Casing w/MSG. Set 50' cement plug @ 3160'. Set 50' cement plug from 2525' to 2175', set 30' cement plug from 2000' to 1970', set 50' cement plug from 250' to 200'. Set a 50' cement plug from 50' to surface and spotted 25 sacks of cement in bottom of collar and set up a location marker, cementing same in top of surface, marker extending four to five feet above surface with well location description welded on same. Well plugged and abandon.

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

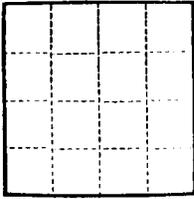
Company Three States Natural Gas Company  
Address P. O. Box 730  
Emery, Utah

By W. K. Riley

Approved NOV 29 1960  
[Signature]  
District Engineer

Title District Superintendent  
20-2222-5 ORIGINAL FORWARDED TO CASPER

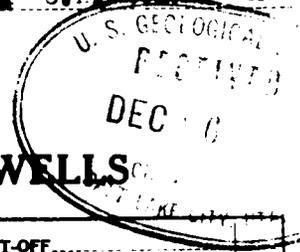
Form 9-531a  
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. Utah 01339  
CCK C. K. Steiner "A"



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 <del>SHOOTER</del> CASING.....	XX	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	XX		

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

December 17, 1956

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5  
SW Sec. 5 15S 7E Salt Lake Base  
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

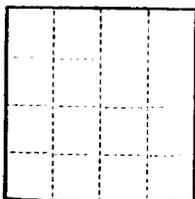
The elevation of the derrick floor above sea level is 8102 ft. K.B.

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)

At the completion of our work-over on subject well on May 30, 1956, we completed pulling a total of 479 feet of 5"OD 15# J-55 Spang Extremeline Casing Liner. Cleaned well out to the P.B.T.D. of 4772', spotted cement plug from 4772' to 4622' using 60 sacks of cement w/ 3% Calcium Chloride and two sacks of Bridget. Set a cement plug from 4449' to 4208', using 75 sacks of cement w/ 3% Calcium Chloride, plugged down @ 4:00 P.M., 5-30-56. P.B.T.D: 4208'  
 Approximate bottom of 7-5/8"OD casing is 4350'.  
(10-18-56) We propose to pull approximately 3150' of 7-5/8"OD casing and plug well as follows  
 We expect to used a Casing Pulling Unit, run Magn-tector survey and jet cut the 7-5/8"OD casing and pull same. We expect to plug well with bailer, to spot a cement plug where the casing is cut, spot a 50' cement plug from approximately 2500' to 2450', a 50' cement plug from approximately 1000' to 950', a 50' cement plug from 300' to 250', and a 50' cement plug at surface. To set a well location marker extending four feet above ground level with the well description on same.

( Continued on P-2 )



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. Utah 01339  
LES C. K. Steiner "A"

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 <del>RECORD</del> CASING.....	XX	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	XX		

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

December 17, 1956

Well No. 1 is located 2200 ft. from S line and 1992 ft. from W line of sec. 5

SW Sec. 5 15S 7E Salt Lake Base  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Clear Creek Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 8102 ft. K.B.

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 Subject well was completed as a Ferron gas well on January 6, 1954, with the absolute open flow of 110,000 MCF/D. This well was put to production on August 17, 1954, it was on production until August 31, 1955, and during this period of production the following increase in water production was noticed along with a decrease in gas production. Water Rate Tests as follows: 11-2-54, well tested 175 gallons water per MMCF. 4-21-55, well tested 2,867 gallons water per MMCF, at a flow rate on test of 3,725 MCF/D. 7-3-55, well tested 7,413 gallons water per MMCF, at a flow rate on test of 2,462 MCF/D. Because of the decrease in gas production and the large amount of increase in water production during this small production period. The excess water production from this well was carrying over into the metering facilities and causing inaccurate measurement, and also was interfering the gathering system. Since this well was last produced on August 30, 1955, we worked-over the well during the months of September, October, and November 1955, the reports on this work-over were filed with the U.S.G.S., Salt Lake City, Utah. In consideration of the condition of this well and the excess water production we propose to plug and abandon said 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

Approved OCT 19 1956  
[Signature]  
District Engineer

By [Signature]  
Title District Superintendent

May 4, 1959

Three States Natural Gas Company  
P. O. Box 67  
Farmington, New Mexico

Gentlemen:

Re: Well No. C.K. Steiner A-1  
SW Section 5, Township 15  
South, Range 7 East, SIM,  
Emery County, Utah

In checking our files, we find that the above mentioned well was plugged and abandoned October 18, 1956 and as yet we have not received any logs for said well.

We would appreciate your sending us copies of all logs made in connection with this well at your earliest convenience, as required under Rule C-5 of the Rules and Regulations of this Commission.

Thank you.

Yours very truly,  
OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
Executive Secretary

clp

**MEMO**

**June 18, 1959**

**Re: Three States - Well C. K. Steiner**

**Mr. Larsen of Three States called to state that he is trying to locate extra copies of the electric log for the above mentioned well. As soon as he has located the log he will forward it.**

**By Claire**

# THREE STATES NATURAL GAS COMPANY

P. O. BOX 160  
SCOFIELD, UTAH

June 18, 1959

Utah State Land Office  
Oil and Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

ATTENTION: Mr. Cleon B. Feight, Secretary

Gentlemen:

Re: Well C. K. Steiner No. A-1  
Sw Section 5, T-15S, R-7E,  
Emery County, Utah

In reference to your letter of June 8, 1959 please be advised that Logs are being made up covering your request on the C. K. Steiner No. A-1 well in Emery County, Utah.

These subject logs will be forwarded to your office upon completion.

Very truly yours,

THREE STATES NATURAL GAS COMPANY



Hayden Larsen  
District Clerk

HL

# THREE STATES NATURAL GAS COMPANY

P. O. BOX 160  
SCOFIELD, UTAH

July 22, 1959

Utah State Land Office  
Oil and Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight, Secretary

Gentlemen:

In reference to my letter of June 18, 1959, also your letter of request dated May 4, 1959, please find enclosed two copies of Schlumberger Electrical Log on the following well:

C. K. Steiner No. "A" 1  
SW Section 5, T-15S, R-7E  
Emery County, Utah

If there is any further information need in connection with this subject well, please advise.

Very truly yours,  
THREE STATES NATURAL GAS COMPANY

  
Hayden Larsen  
District Clerk

HL  
enc. C.K.S. - Logs (2)