

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File	_____	Checked by Chief	_____
Entered on S R Sheet	_____	Copy NID to Field Office	_____
Location Map Pinned	_____	Approval Letter	_____
Card Indexed	_____	Disapproval Letter	_____
IWR for State or Fee Land	_____		

COMPLETION DATA:

Date Well Completed	6-23-53	Location Inspected	_____	
OW _____	WW _____	TA _____	Bond released	_____
GW _____	CS _____	PA 8-12-69	State of Fee Land	_____

LOGS FILED

Driller's Log _____

Electric Logs (No.) 2

E _____ I _____ EI _____ GR _____ GRN _____ Micro

Lat _____ MS-L _____ Sonic _____ Others _____

CDW 4-23-90

(SUBMIT IN TRIPLICATE)

Lead Office Salt Lake City

UNITED STATES

Lease No. U-01286

DEPARTMENT OF THE INTERIOR

Unit _____

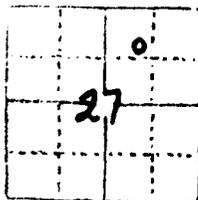
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

AUG 13 1952

RECEIVED
JUL 28 1952

SUNDRY NOTICES AND REPORTS ON WELLS



NOTICE OF INTENTION TO DRILL <u>NEW WELL</u>	<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 REDRILLING 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)

Mary D. Kearns 892' July 24, 1952
 Well No. 1 is located 990 ft. from N line and 1650 ft. from E line of sec. 27
C, SE 1/4, NW 1/4, NE 1/4 Sec. 27 16 S. R. 6 E. Salt Lake
(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 9170 ft.

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)

Drill with rotary tools through the top of the Morrison formation estimated at 7500'. Set approximately 200' of 13 3/8" O.D. 48# snls. J-55 casing cemented to surface. Set approximately 6500' of 9 5/8" O.D. 36# snls. J-55 casing with about 250 sacks to or through the Ferron formation and probably set 7000' of 7" O.D. 23# snls. J-55 casing with about 250 sacks to the top of the Dakota formation. The well will be completed with rotary tools.

(SEE ATTACHED RIDER FOR APPROVAL)

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 Co.

Address P. O. Box 56

Clear Creek, Utah

By D. James Edson, Jr.
 D. James Edson, Jr.
 Title Geologist

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPPLICATE)

Land Office Salt Lake

Lease No. U-01286

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OCT 11 1952

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 REDRILLING 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 Drill Stem Test	X

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

September 29, 1952, 1952

Well No. 1 is located 892 ft. from N line and 1598 ft. from E line of sec. 27

SW 1/4 sec. 27 16 S. 7 E. S18M

Wildcat (Flat Canyon) Emery Utah

The elevation of the derrick floor above sea level is 9169 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)

DST #1 2767' to 2795'. Tool open 1 hour 15 minutes, shut in 20 minutes. Flowing pressure 0#, shut in pressure 0#, hydrostatic pressure 1375#. Recovered 30 feet drilling mud. No shows.

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 Co.

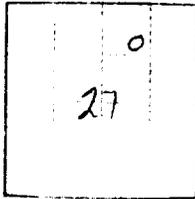
Address P. O. Box 730

Price, Utah

By Walter E. Zabriskie

Title Geologist

W.E.Z.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office

Lease No. **U-62286**

Unit **Harry D. Kearns**

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 Running Surface Casing <input checked="" type="checkbox"/>

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

January 26

1953

Well No. **1** is located **892** ft. from **N** line and **598** ft. from **E** line of sec. **27**

N E (Section) **Sec. 27** **165** (Range) **68** (Meridian)

Wildcat (Field) **Energy** (County or Subdivision) **Utah** (State or Territory)

The elevation of the derrick floor above sea level is **ft. Kelly Bushing Elevation 9171'**

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)

Drilled **17 1/4"** surface hole to **244'**

9-1-52: Ran **188'** of **13-3/8"** surface casing from Kelly Bushing to bottom of **13-3/8"** casing shoe - **201.67'**.
Cemented casing with **255** sacks 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**

Address **P. O. Box 160**

Scorfield, Utah

By **John Stringer**
G. F. Stringer

Title **Drilling Superintendent**

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

Land Office _____
Lease No. U-01286
Unit Mary D. Kearns

RECEIVED
FEB 24 1953

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 REDRILLING 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)

February 21, 1953

Well No. 1 is located 892 ft. from N line and 1598 ft. from E line of sec. 27

NE NE Sec. 27 16S 6E
(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 _____ ft. KB Elevation 9171'

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)

Report ending 2/21/53: Drilling @ 6427' 2/15/53. Total Depth 2/21/53 6475'.
No increase in Gas.
2/17/53: Tested @ 6440'. 134,500 cu. ft. of Gas.
Formation: Hard Sand

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 160

Scofield, Utah

By John P. Hayes

Title District Clerk

THREE STATES NATURAL GAS CO.

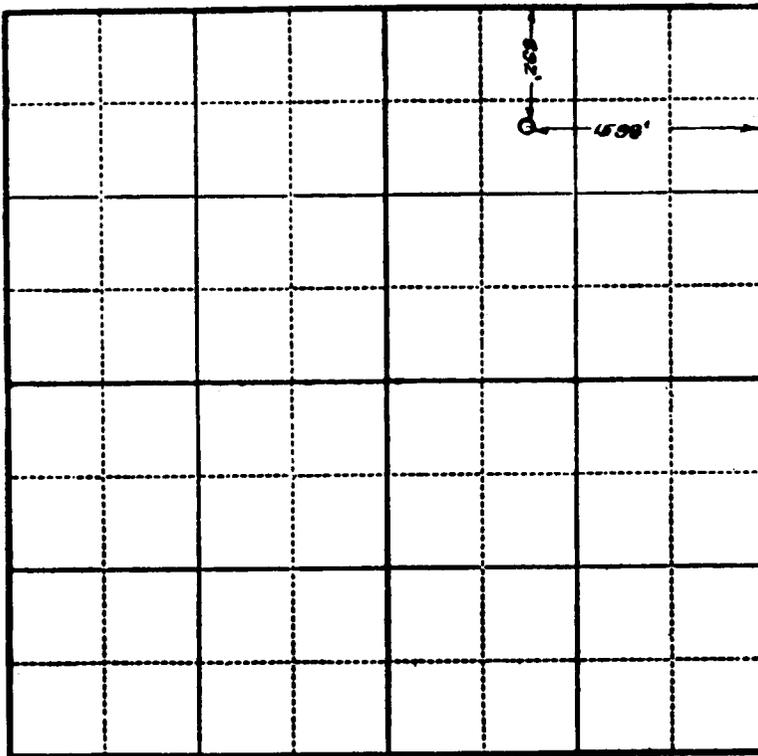
U-01286

Lease M. D. Kearns Well No. 1

Sec. 27, T. 16S, R. 6E

Location 092 ft. N. of North Line ✓
1578 ft. W. of East Line ✓

Elevation 2174



Scale—4 inches equal 1 mile.

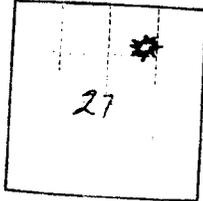
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal: _____ Registered Professional Engineer and Land Surveyor.

Surveyed C. Ryan, 19__



only used
POOR COPY



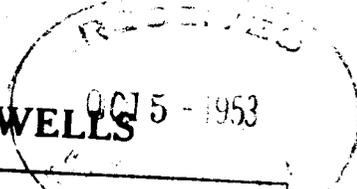
(SUBMIT IN TRIPLICATE)

Land Office **Utah**
Lease No. **01286**
Unit **Mary D. Kearns**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Plugged Back

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

March 30, 1953

Well No. **1** is located **892** ft. from **N** line and **1596** ft. from **E** line of sec. **27**

NW NE Sec. **27** **16S** **6E** **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 **9169** ft. **KB**

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)

Plugged back from TD 6542' to 6150' with 132 sacks of Cal-Seal and 116 sacks of Ideal Regular Cement with 5' (100%) Hydromite Plastic on top of plug. Acidized section 6050' - 6150' with 500 gals. Mud Acid, swabbed well through tubing recovering acid. Re-acidized section with 1000 gals. Mud Acid.

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 160**
Scofield, Utah

Approved **CST 12 1953**

By Signed - **John Hayes** Harold Hawkins
Title **District Clerk** Superintendent

Plugged well

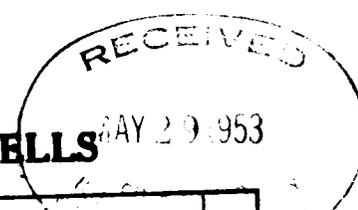
(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office

Lease No. U-01286

Unit Mary D. Kearns



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 RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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 <u>5/26/53</u>

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

....., 19 53
..... May 26

Well No. 1 is located 392 ft. from N line and 1598 ft. from E line of sec. 27

NW NE Sec. 27 16S 6E (Meridian)
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildeat Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9169 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)

Top of DAKOTA - 7002'.

5/23/53: Show of gas in Dakota at 7002'.

5/23/53: 7004' - Drilling in Shale.

5/24/53: 7026' - Drilling in Sand. Well gauged 196,000 cu. ft. of gas.

5/25/53: 7038' - Drilling in Hard Sand. Well gauged 206,000 cu. ft. of gas.

5/26/53: 7032' - Shut in due to Fire hazard. Well gauged 1,300 McF.

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

Company Three States Natural Gas Co.

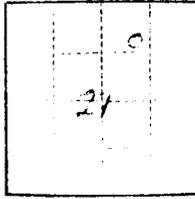
Address P.O. Box 160

Schfield, Utah

By John P. Hayes

Title District Clerk

POOR COPY



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO O.S.P. 3

Land Office
Lease No. **U-01286**
Unit **Mary D. Kearns**

JUN 12 1953

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 Running Liner X

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

June 8, 1953

Well No. **1** is located **892** ft. from **N** line and **1598** ft. from **E** line of sec. **27**

NW NE Sec. 27
(1/4 Sec. and Sec. No.)
Wildcat
(Field)

16S
(Twp.)
6E
(Range)
Emery
(County or Subdivision)

S.L.
(Meridian)
Utah
(State or Territory)

The elevation of the derrick floor above sea level is **9169** 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)

TD - 7040'

Ran 5 1/2" OD Liner in 7" OD Casing as follows:
1079' - 5 1/2" OD, 15.50#, J & L, Smls, API, R-3, Cond. A, Casing.
Bottom of Liner set @ 7006'. Top of liner - 117' up from bottom of 7" OD Casing set @ 6056.76'. Cemented with 35 sacks Bridgett and 25 sacks Regular cement.

6057
117
5940
1079
7017

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 160**
Scotfield, Utah

By *John Hayes*
Title **District Clerk**

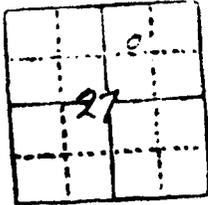
Approved **JUN 22 1953**
(Orig. Sgd.) **H. C. Scoville**
District Engineer

HCS

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. **W - 01206**
Unit **Mary B. Kearns**



ORIGINAL FORWARDED TO CASPER

JUN 15 1953

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 REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<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)

June 12, 1953

Well No. **1** is located **892** ft. from **[N]** line and **1598** ft. from **[E]** line of sec. **27**

NW NE Sec. 27 **16 S** **6 E** **S.L.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox **Emery** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **9169** 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)

TD - 7046

We propose to shoot well in the Dakota Sand section 7017' - 7045' for the purpose to increase gas production.

Propose plugs as follows:

6989' - 7013'	Calseal
7013' - 7017'	Gravel
7017' - 7045'	Approx. 70 Qts. shot
7045' - 7046'	Gravel

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 160**

Seefield, Utah

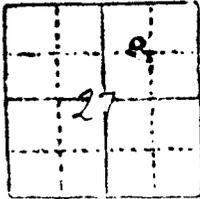
By *John Hayes*

Approved *6-12-53 orally*

Title **District Clerk**

(Orig. Sgd.) **H. C. Cooville**

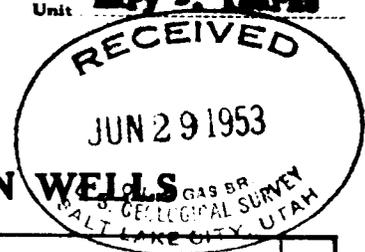
District Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. U-01286
Unit Mary D. Kearns



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	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
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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)

June 23, 1953

Well No. 1 is located 828 ft. from N line and 1598 ft. from E line of sec. 27

NW NE Sec. 27 168 6E T1N
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Flat Canyon Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9160 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)

7017-45' gravel below 44' gravel above, Calseal 7013-6969'

- 6-14-53 Shot with 60 qts. Nitro and drilled out Calseal.
- 6-15-19/53 Cleaned out to bottom of 7048'.
- 6-21-53 Blowing well every hour. Estimated 3,000 MCF daily.
- 6-22-53 Making very little water - 3,250 MCF.

spray

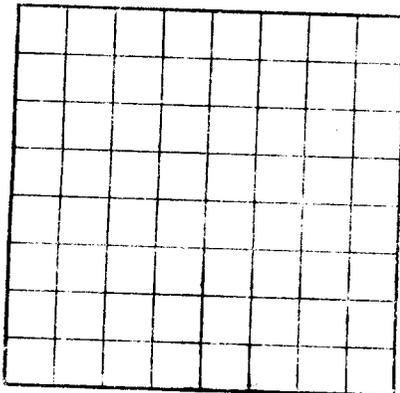
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Three States Natural Gas Co.

Address P.O. Box 160, Scofield, Utah

Approved 7-22-53
J. S. Scoville
District Engineer

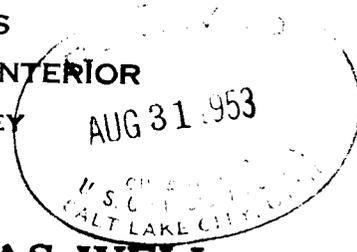
By John H. [Signature]
Title District Clerk



LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Salt Lake**
SERIAL NUMBER **U-01286**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company **Three States Natural Gas Co.** Address **P.O. Box 730 Price, Utah**
Lessor or Tract **H. D. Eearns** Field **Wildcat** State **Utah**
Well No. **1** Sec. **27** T. **16S** R. **6E** Meridian **34N** County **Emery**
Location **822 ft. S** of **N** Line and **1500 ft. W** of **E** Line of **Sec 27** Elevation **2271 ft.**

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

Signed _____

Date _____ Title _____

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

Commenced drilling **August 26,** 19**52** Finished drilling **June 26,** 19**53**

OIL OR GAS SANDS OR ZONES

(Denote gas by (g))

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8"	48	3rd	J&L	187.07	Guide				Surface
7"	20 1/2	3rd	J&L	3009.79	Halliburton				
7"	23 1/2	3rd	J&L	2639.63	PKR type				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	187.07	UC	Halliburton		
7"	5056	UC	ridget; 150 Rag		

FLAT CANYON - Emery County

27-16S-6E

OCT 1952

SE NW 1/4 NE 1/4, Three States Natural Gas Co. Well Kearns No. 1 (Utah 01286), Ref. No. 1
STATUS: Drg 4410' (Co. 10-26-52)
REMARKS: DST 2767-95' open 1 hr. 15 mins. Rec. 30' drilling mud. Sample top Emery 2775'.

NOV 1952

STATUS: Drg 6151' Ferron ss (Co. 11-30-52)
REMARKS: DST 6050-84', 1 hr., 3475' gas-cut mud. 7" cc 6056' w/50 sax & 150 sax Bridget.

DEC 1952

STATUS: DSI 6151' Ferron ss (Co. 12-28-52)
REMARKS: Started swabbing well and tubing plugged w/ecton seed hulls. Shut down to replace rotary w/cable tools to clean out and complete.

STATUS: Drg 6260' Ferron ss (Co. 1-21-53)
REMARKS: OR, drilling with cable tools. Top Ferron 6056'.

FEB 1953

STATUS: Drg 6542' Mancos (Co. 2-28-53)
REMARKS: May shoot and acidize Ferron.

MAR 1953

STATUS: Drg 6542' Mancos (Co. 3-23-53)
REMARKS: Completed fishing drilling line and bit. Preparing to run logs.

STATUS: Drg 6837', Mancos (Visited 4-28-53)
REMARKS: Base Ferron 6544'. Cemented off cave. W.O.C. APR - 1953

MAY 1953

STATUS: DSI 7032', Dakota (Co. 5-26-53)
REMARKS: Sample top Dakota 7002'. Gas flow 1,300 w/ PD. Shut down to run radioactive log.

JUN 1953

STATUS: DSI 7045' Dakota (Visited 6-12 and Co. 6-30-53)
REMARKS: NEW COMPLETION. Field discovery well. 1079' 5 1/2" liner cemented 6057-7006' w/35 ex. Bridgett and 25 ex. cement. Shot Dakota 60 qts. nitroglycerin. Cleaned out to total depth and ran tubing to 7005'. I.P. 1250 HRS PD mostly methane with small spray water. 1350A. Shut in account no pipeline.

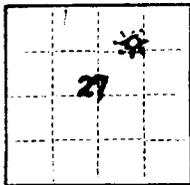
FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
6108	6122	14	Core #3 6108-6119 Moderately hard, very dark gray black silty shale with inclusions of dark gray, slightly calcareous, very fine grained, micaceous sandstone. Carbonized material scattered but abundant.
6122.3	6122.9	0.6	Pale brownish green bentonitic shale
6122.9	6123.2	0.3	Very hard, greenish gray silty shale with occasional streaks of carbonaceous matl. and traces of pyrite grading into hard, very dark gray silty shale with a few black carbonaceous shale laminae grading downward into black carbonaceous shale.
6126	6127	1	Coal
6127	6127.3	0.3	Hard greenish gray silty shale with thin laminae of coal.
6127.3	6128	0.7	Dark gray very fine grained sandstone oil stained, bleeding green oil and gas through pores and vertical fractures. Good bright green flour.
6128	6129.5	1.5	Hard light greenish gray silty shale with abundant carbonized plant fragments.
6129.5	6131	1.5	Green bentonitic shale
6131	6134	3	Pale green bentonitic shale.
6134	6149	15	Moderately hard, white to gray fine grained sand stone good pale green flour but spotted at 6136-6142 strong gas odor on fresh fracture throughout sandy interval and spotty silvery flour.

PROBING LOG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 27
T. 16 S.
R. 6 E.
S. L. Mer.



INDIVIDUAL WELL RECORD

PUBLIC LAND:
5-yr. lease dated 8-1-51

Date September 8, 1953

Ref. No. 1

Land office Utah State Utah
Serial No. 01286 County Emery
Lessee M. D. Kearns and Three States Natural Gas Co. Field Flat Canyon (Wildcat)
Operator Three States Natural Gas Co. District Salt Lake City
Well No. 1 M. D. Kearns Subdivision SE 1/4

Location 892 ft. from N. line and 1598 ft. from E. line of sec. 27

Drilling approved August 13, 1952 Well elevation 9159 G.L., 9171 K.B. feet
Drilling commenced August 26, 1952 Total depth 7046 feet
Drilling ceased June 19, 1953 Initial production 3,250 MCF/D
Completed for production June 23, 1953 Gravity A. P. I. _____
Abandonment approved _____, 19____ Initial R. P. 1525 psi

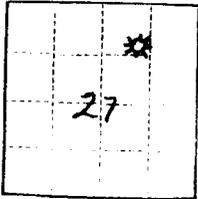
Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depths	Contents
<u>Mesaverde</u>	<u>Dakota</u>	<u>Dakota</u>	<u>7007 - 7046'</u>	<u>Gas</u>

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1952								Drg 60'	Drg 2291'	Drg 4410'	Drg 6151'	Drg 6151'
1953	Drg 6260'	Drg 6542'	Drg 6542'	Drg 6837'	DGI 7032'	DGI 7046'	PCW 7046'					
1955		6 SI 7046'										
1957												PCW 7046'

REMARKS All depths from K.B. 13-3/8" os 202' w/255 ax. 1 1/2" line
6077-7006' w/60 ax. Tops: Emery 5775', Ferron 6075', Dakota 7007'
5927
Aug porosity 8-20%
permeability less than land
into ss formation 3007'
Shot with 60 lb dynamite
Tested 6000'

POOR COPY



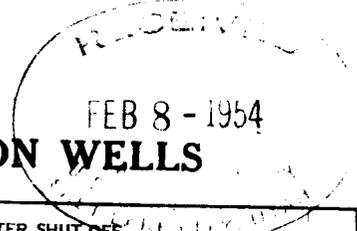
(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. UO 2206
Unit Mary D. Kearns Flat Canyon

ORIGINAL FORWARDED TO CRSPER

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 7" casing

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

Well No. 1 is located 892 ft. from N line and 1520 ft. from E line of sec. 27
NE Sec. 27 16-S 6-E Salt Lake Base
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Flat Canyon Mary Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9169 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)

Run 3399.79' of 7" OD, 8-Rd. Thd. 20.00#, Range 2 Casing

~~2639.63~~
~~6039.02~~ of 7" OD, 8Rd. Thd. 23.00#, Range 2 Casing.

Casing set at 6056'. Cemented with 150 Sacks of Regular Cement and 50 bridget.

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

FEB - 1954

By Harold Hawkins

Title District Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 27
T. 16 S.
R. 6 E.
S. L. Mer.
Ref. No. 1



INDIVIDUAL WELL RECORD

Date February 7, 1958

PUBLIC LAND:
5-yr. lease dated 8-1-51

Land office Utah State Utah
Serial No. 01286 County Emery
Lessee M. D. Kearns and Three States Natural Gas Co. Field Flat Canyon (Wildcat)
Operator Three States Natural Gas Co. District Salt Lake City
Well No. 1 M. D. Kearns Subdivision SE 1/4 SW 1/4

Location 892 ft. from N. line and 1598 ft. from E. line of sec. 27

Drilling approved August 13, 19 52 Well elevation 9199 O.L., 9171 K.B. feet
Drilling commenced August 26, 19 52 Total depth 7046 PR 6540 feet
Drilling ceased June 19, 19 53 Initial production *3,250 MCFOPD
Completed for production June 23, 19 53 Gravity A. P. I. _____
Abandonment approved _____, 19 _____ Initial R. P. 1525 psi

Geologic Formations		Productive Horizons	
Surface	Lowest tested	Name	Depths
<u>Mesaverde</u>	<u>Dakota</u>	<u>Dakota</u>	<u>7007-7046'</u>
			Contents
			<u>Gas</u>

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1952								Drg. 60'	Drg. 2292'	Drg. 4410'	Drg. 6151'	BSI 6151'
1953	Drg. 6260'	Drg. 6542'	Drg. 6542'	Drg. 6837'	DSI 7032'	CSI 7046'	FGW 7046'					
1955		CSI 7046'										
1957										TP 704'	P&W 7046'	FGW 7046'

REMARKS 13-3/8" cc 202' w/255 ax.; 7" cc 6056' w/200 ax.; 5/8" liner cc 5927-7006' w/60 ax.
*In June 1953 well was shut with 60' gas stringer
Tops: Emery 1746' 7013-15'. Tested 6,000 MCFOPD Abs. open flow. Gas from Ferron 6056' July 1953 to Feb. 1955 used in drilling Flat Canyon Unit Dakota 7007' walls. Apr. 5, 1957 commenced pulling gas to production.
Thru pack 6070-6234' on 11-19-58, for
Av. porosity 8.2% rate of
Permeability less than 1 md. Wtr. saturation 30.7% 279'

2-19-68

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

Prognosis to Plug & Abandon

DATE 10/7/68
BY Paul F. Burchell

LEASE: M. D. Kearns (Flat Canyon Unit)

WELL NO.: 1

COUNTY: Emery

STATE: Utah

WELL LOCATION: SE/4 NW/4 NE/4 Sec. 27, T16S, R6E

WELL DATA:

Total Drilled Depth: 7046' PBTB: 6539'

Casing Record:

13-3/8" O.D. 98# Set @ 202' cmtd w/ 255sx

7" O.D. 20 & 23# Set @ 6056' in 9" hole cmtd w/ 150 sx

5 1/2" O.D. 15.5# Liner 5940'-7006' cmtd w/ 25 sx

Tubing Record:

2-7/8" O.D. EUE 8-R @ approx. 6050

Perforations: 6050-6070'

6070-6090'

6130'-6150'

6220'-6234'

KB Elev = 9171' Gr. Level Elev = 9159'

Procedure:

1. Load hole w/ mud.
2. Spot cement plug across interval 5900-6300'
3. Pull 2-7/8" tubing
4. Run freepoint on 7" casing and attempt to recover as much casing as possible.
5. Spot 100' cement plug across casing stub (50' in 50' out) and 100' cement plug across surface casing shoe @ 202' (50' in - 50' out)
6. Place 10 sx plug in top of 13-3/8" csg and erect abandoned well marker.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR
(Other instructive
reverse side)

DATE

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U - 01286

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Flat Canyon Unit

8. FARM OR LEASE NAME

M. D. Kearns

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Flat Canyon

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

Sec. 27, T-16-S, R-6-E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

TENNECO OIL COMPANY

3. ADDRESS OF OPERATOR

Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203

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

At surface

892' FNL & 1598' FEL

14. PERMIT NO.

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

9171 KB

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

See prognosis to plug and abandon attached.

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

SIGNED

Harry M. Regis

TITLE

District Office Supervisor

DATE

9-27-68

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Simon

*PS
BWR*

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

October 24, 1968

*Copy of file
in wells #1, 2 & 3*

Tenneco Oil Company
Suite 1209 Lincoln Tower Bldg.
Denver, Colorado 80203

Gentlemen:

We recently received notices to abandon your Flat Canyon unit wells #1, 2 and 3 on Federal lease Utah 01286, Emery County, Utah. Since these wells had been considered paying unit wells, we request that you submit a statement, along with any supporting information necessary, to the effect that they are no longer capable of paying production under the terms of the unit and the lease. It also appears that the Flat Canyon unit will terminate effective the date that we concur with your non-paying determination.

In addition, it appears that these wells penetrate the potentially valuable coal measures in the lower portion of the Black Hawk formation. It is our understanding that the better coal lies immediately above the Star Point sandstone. Accordingly, we believe that your proposed abandonment prognosis should be altered to consider the following:

- 1) On unit well #1: It appears that an additional plug may be necessary from approximately 975' to 1175' (top of coal zone to top of Star Point fm.).
- 2) On unit well #2: It appears that it may be possible to recover approximately 3000' of the 8 5/8" casing. In any event, an additional plug (either squeeze or open hole) may be required from about 800' to 1020' to isolate this coal interval. An additional plug may also be required at the surface in the 8 5/8 - 13 3/8" annulus.
- 3) On unit well #3: An additional plug should be considered to isolate the coal interval from approximately 1650' to 1850'.

Please give us your views on protecting this coal interval either by squeeze cementing behind casing or by open hole plugs.

Please submit the requested statement and information, along with your views on the protection of the coal zone or amended plugging program, so that we may proceed with approval of an abandonment program. Please contact us if you have any questions concerning the above.

Sincerely yours,

(ORIG. SGD.) R. A. SMITH

Rodney A. Smith
District Engineer

cc: ✓State Oil and Gas Commission
Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

Wood

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> P & A		5. LEASE DESIGNATION AND SERIAL NO. U - 01286
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203		7. UNIT AGREEMENT NAME Flat Canyon Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 892' FNL & 1598' FEL		8. FARM OR LEASE NAME M. D. Kearns
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 9171 KB	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT Flat Canyon
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T-16-S, R-6-E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

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

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

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

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

8/8/69 - Moved in casing pulling unit, spotted 50 bbls mud on bottom, set 50 sacks cement plug 5900' to 6300'. Pulled 204 Jts (6050) of 2-7/8" 6.50# tubing. Determined free point of 7" casing @ 3475', shot off casing @ 3464'. Pulled 2 Jts of 7" casing, spotted 50 sacks cement 3385' to 3585'. Pulled casing and set cement plugs as follows:

- 975' to 1175' - 90 sacks (over coal section)
- 115' to 285' - 75 sacks
- surface - 10 sacks

Recovered a total of 89 Jts (3009') of 7" 20# J-55 casing. Installed dry hole marker, completed P & A 8/12/69. Cleaned location.

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

SIGNED *B. A. Ford* TITLE Sr. Production Clerk DATE 9/4/69

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: