

Scout Report sent out
 Noted in the NID File
 Location map pinned
 Approval or Disapproval Letter
 Date Completed, P. & A, or
 operations suspended
 Pin changed on location map
 Affidavit and Record of A & P
 Water Shut-Off Test
 Gas-Oil Ratio Test
 Well Log Filed

5-20-59

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-
-
-
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-
-

Well was converted to water injection well

1963

FILE NOTATIONS	
Entered in NID File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>
Checked by Chief	<input checked="" type="checkbox"/>
Copy NID to Field Office	<input checked="" type="checkbox"/>
Approval Letter	<input checked="" type="checkbox"/>
Disapproval Letter	<input type="checkbox"/>
COMPLETION DATA:	
Date Well Completed	<u>5-15-59</u>
OW <input checked="" type="checkbox"/> WW <input type="checkbox"/> TA <input type="checkbox"/>	Location Transferred <input type="checkbox"/>
GW <input type="checkbox"/> CS <input type="checkbox"/> PA <input type="checkbox"/>	State of Fee Land <input type="checkbox"/>
LOGS FILED	
Driller's Log	<input checked="" type="checkbox"/>
Electric Logs (No.)	<u>2</u>
E	<u>2⁰</u> GR
GR-N	<u>2⁰</u> Misc
Let	Mil
Sonic	Others

X	
13	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Window Rock
Allottee Navajo
Lease No. 14-20-683-370

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 REDRILL 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)

April 17, 1959

Navajo 'E'
Well No. 21-13 is located 763 ft. from N line and 1877 ft. from W line of sec. 13
NE NW Section 13 41S 24E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
White Mesa San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ground above sea level is 4443' ft. Graded 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)

Propose to drill well to test Paradox Formation at a depth of approximately 3450'.

Will set approximately 100' of 13-3/8" conductor pipe.

Will set approximately 1300' of 8-5/8" surface pipe.

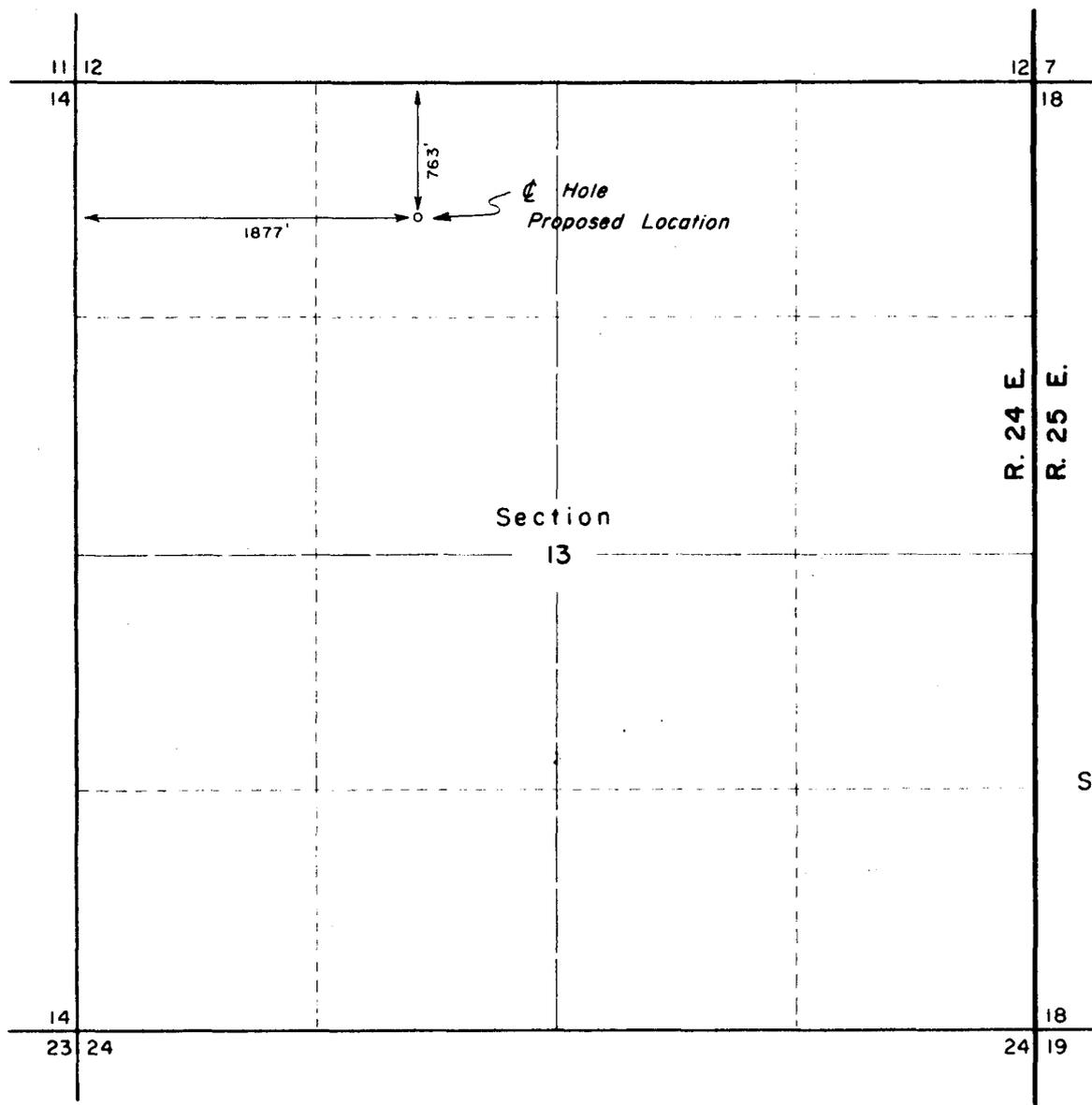
Will set 5 1/2" casing through any commercial production encountered.

Verbal Approval by B. J. Shoger, April 17, 1959.

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

Company The Superior Oil Company
Address P. O. Box Drawer G
Cortez, Colorado
By D. D. Kingman
D. D. Kingman
Title Engineer

CERTIFICATE OF SURVEY



Scale: 1" = 1000'

WELL LOCATION: The Superior Oil Co. — Navajo "E" No. 21-13

Located 763 feet South of the North line and 1877 feet East of the West line of Section 14.
 Township 14 North Range 24 East Salt Lake Meridian
 San Juan County, Utah
 Existing ground elevation determined at 4440 feet.



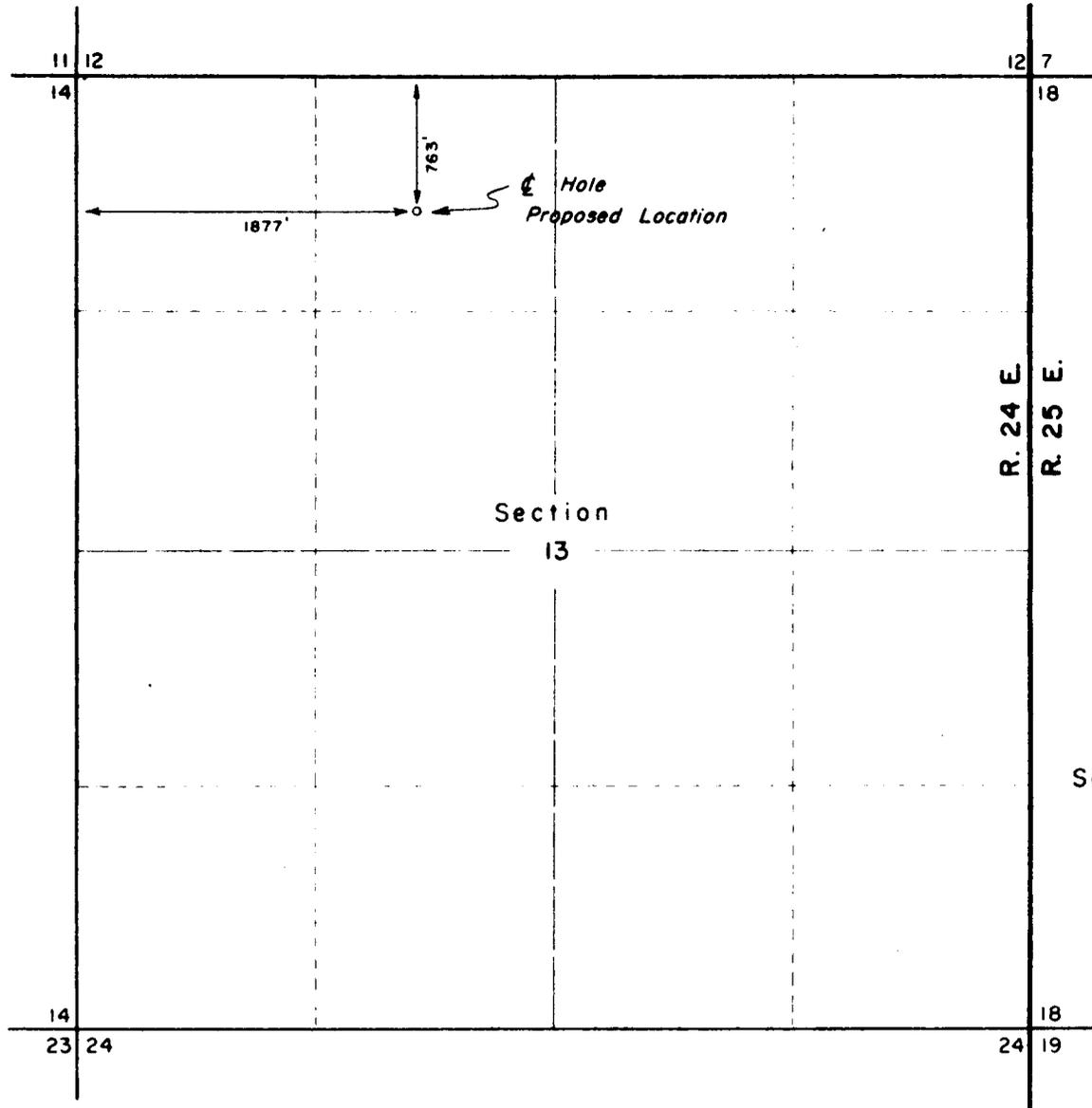
I hereby certify the above plat represents a survey made under my supervision and is accurate to the best of my knowledge and belief.

Elmer M. Clark

ELMER M. CLARK
 Registered Land Surveyor
 State of Utah (No. 2307)

E.M. CLARK & ASSOCIATES
 Durango, Colorado
 January 13, 1958

CERTIFICATE OF SURVEY



Scale: 1" = 1000'

WELL LOCATION: The Superior Oil Co. — Navajo "E" No. 21-13

Located 763 feet South of the North line and 1877 feet East of the West line of Section 14.
 Township 41 South Range 24 East Salt Lake Meridian
 San Juan County, Utah
 Existing ground elevation determined at 4440 feet.



I hereby certify the above plat represents a survey made under my supervision and is accurate to the best of my knowledge and belief.

Elmer M. Clark

 ELMER M. CLARK
 Registered Land Surveyor
 State of Utah (No. 2307)

E.M. CLARK & ASSOCIATES
 Durango, Colorado
 January 13, 1958

April 20, 1959

Superior Oil Company
P. O. Box Drawer G
Cortez, Colorado

Attention: E. D. Kingman, Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo E 21-13, which is to be located 763 feet from the north line and 1877 feet from the west line of Section 13, Township 41 South, Range 24 East, S1EM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: Phil McGrath, Dist. Eng.
U.S.G.S. Farmington,
New Mexico



Dallas: RI-2-2421
Midland: MU-2-5522
OX-4-5256
Houston: HO-8-4663

Farmington, New Mexico:
DA-5-6817
DA-5-8476

DALLAS, TEXAS
POST OFFICE BOX 10185

May 26, 1959

The Superior Oil Company
Post Office Box 3015
Cortez, Colorado

Subject: Temperature Survey
Navajo "E" No. 21-13 Well
White Mesa Field
San Juan County, Utah
Our File No. 7-270 T

Gentlemen:

On May 15, 1959, a temperature survey was made in subject well, White Mesa Field, San Juan County, Utah.

The data obtained from this testing operation are presented on the following page in both graphical and tabular form.

It is a pleasure to be of service to you. Call again whenever we can be of any assistance.

Very truly yours,

DENNIS OWENS COMPANY

Farrest Tefteller
mh

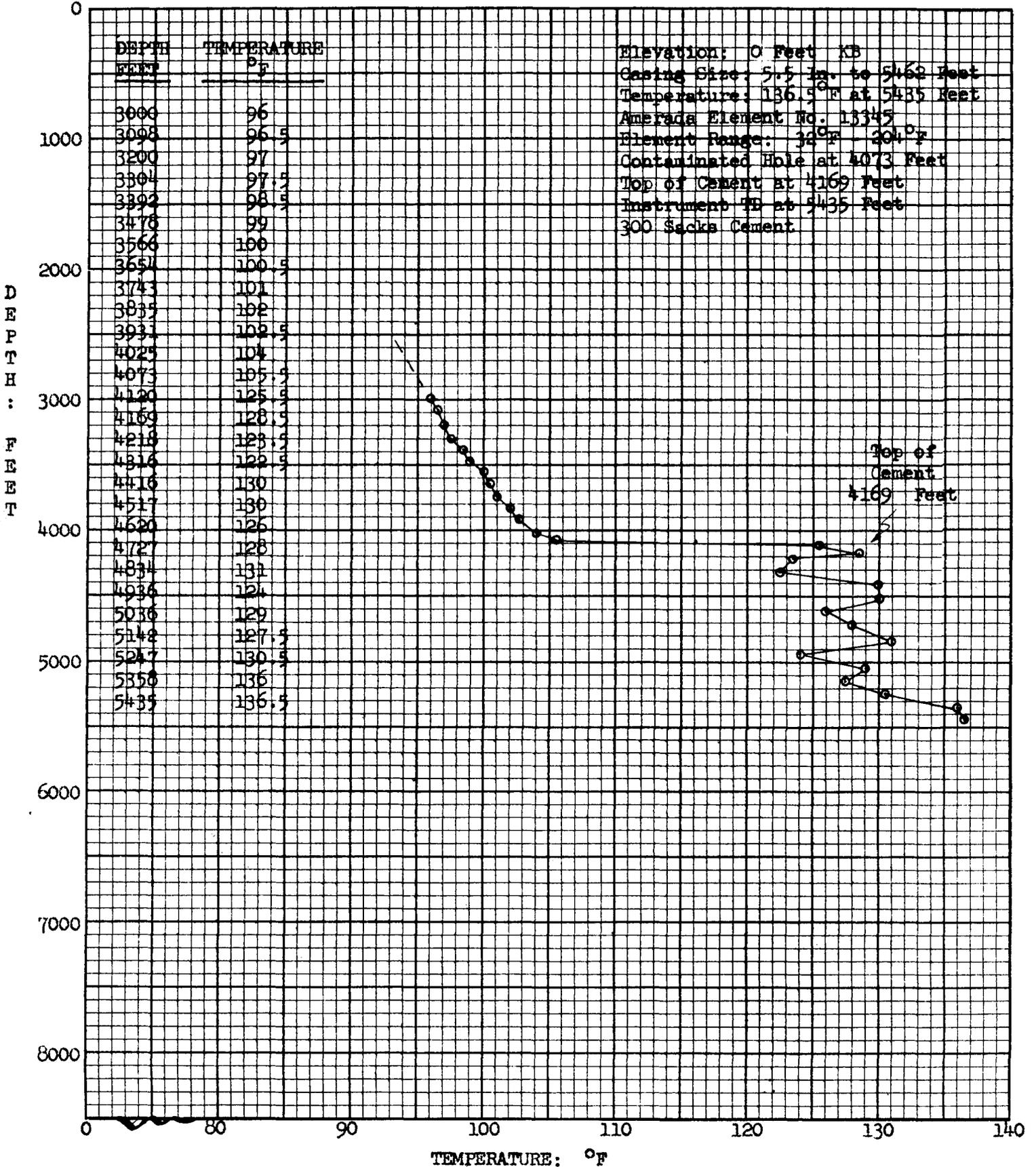
Farrest Tefteller

FT:ler
Attachment



DALLAS, TEXAS

Company THE SUPERIOR OIL COMPANY Lease NAVAJO "E" Well No. 21-13
 Field WHITE MESA County SAN JUAN State UTAH
 Formation PARADOX Test Date MAY 15, 1959



Released 1-7-60

X		
13		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Window Rock
Allottee Navajo
Lease No. 14-20-603-370

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 REDRILL 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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

May 25, 1959

Navajo 'S' #21-13 is located 763 ft. from $\left[\begin{smallmatrix} N \\ S \end{smallmatrix} \right]$ line and 1077 ft. from $\left[\begin{smallmatrix} E \\ W \end{smallmatrix} \right]$ line of sec. 13

NE 1/4 Sec. 13 41S 24E 8L
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
White Mesa San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4453 ft. Kelly Bushing

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)

Spudded: April 15, 1959
Completed: May 20, 1959
T.D.: 5462' P.B.T.D.: 5431'
Casing: 13-3/8 35.6# conductor pipe set @ 93' with 125 s.cks.
 2-5/8 24# surface pipe set @ 1291' with 1100 s.cks.
 3 1/2 14# & 15.50# production string set @ 5462' with 300 s.cks.
 Top of cement @ 4135' by temperature survey.

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

Company The Superior Oil Company
Address P. O. Drawer G
Cortez, Colorado
By D. D. Kingman
Title Engineer

Electric Log Tops:

De Chelly	2316'	Paradox shale	5231'
Organ Rock	2505'	Lower Boundary Butte	5239' (-759)
Hermos.	4263'	Chimney Rock	5424'
Upper Boundary Butte	5096'		

Perforations: 24 5245'-82', 5299'-5306', 5378'-5393'

Drill stem Tests: None

Treatments: (Perforations above) 5-20-59: 600 gals AD Max. Press 3700#/1500#

5-20-59: 9,000 gals reg acid & 250 gal temporary plug
in 2 equal stages:

Stage #1: 1500 gals reg acid & 250 gals
temp. plug. 4400#/2500# Max. P.

Stage #2: 7,500 gals reg. acid.
3800#/2500# maximum pressure.

Tubing: 2 1/2" hung to 5392'

Initial Production: 5-22-59: Flowed 49.62 barrels of fluid in 18 hours.
Gravity 40.1, cut 0.2%, 2600#/1000#, 26/64 choke.
25.77 BPD or 61% BPD rate.

FOLD MAP

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from surface feet to 5462 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 20, 1959

19 hour test.
 The production for the first 24 hours was 618 barrels of fluid of which 99.8% was oil; _____% emulsion; 0.2% water; and _____% sediment. Gravity, °Bé. 40.1

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller R. W. Rine (Rig #2), Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	<u>Electric Log Tops:</u>		
		<u>2316</u>	<u>De Chelly</u>
		<u>2505</u>	<u>Organ Rock</u>
		<u>4263</u>	<u>Hermosa</u>
		<u>5096</u>	<u>Upper Boundary Butte</u>
		<u>5231</u>	<u>Paradox Shale</u>
		<u>5239 (-789)</u>	<u>Lower Boundary Butte</u>
		<u>5424</u>	<u>Chimney Rock</u>

Handwritten mark

Lead file to 10

Form 9-331 b
(April 1952)

Copy H. E.
(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R360.4.
Approval expires 12-31-60.

Page 7

	X	
	13	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock
Allottee **Navajo**
Lease No. **14-20-603-370**

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 REDRILL 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	Subsequent Report of Conversion to Injection.	X

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

Water injection Well
Superior E 21-13

April 2, 19**63**

McElmo Creek Unit
Well No. **4G-21** is located **763** ft. from **N** line and **1877** ft. from **W** line of sec. **13**

NE NW Sec. 13 (1/4 Sec. and Sec. No.) **41S** (Twp.) **24E** (Range) **S.L.** (Meridian)

Greater Aneth (Field) **San Juan** (County or Subdivision) **Utah** (State or Territory)

The elevation ~~of the well~~ above sea level is **4453** 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)

March 20, 1963: Set Baker 5 1/2" Model 'N' Prod. Pkr @ 5218' on 2-7/8" 6.5# tbg with Marlex Plastic Liner.

Filled annulus w/crude & pressured to 500#.

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

Company **The Superior Oil Company**

Address **P. O. Drawer 'G'**

Cortez, Colorado

By **D. D. Kingman**
Title Engineer

DDK/ba

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

SUBMIT IN TRIP
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Injection</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-370</p>
<p>2. NAME OF OPERATOR THE SUPERIOR OIL COMPANY</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo</p>
<p>3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO</p>		<p>7. UNIT AGREEMENT NAME McElmo Creek</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE NW SEC. 13, T41S, R24E SAN JUAN COUNTY, UTAH</p>		<p>8. FARM OR LEASE NAME McElmo Creek Unit</p>
<p>14. PERMIT NO.</p>		<p>9. WELL NO. #G-21</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4455' KB</p>		<p>10. FIELD AND POOL, OR WILDCAT McElmo Creek</p>
<p>12. COUNTY OR PARISH San Juan</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T41S, R24E</p>
<p>13. STATE Utah</p>		<p>12. COUNTY OR PARISH San Juan</p>

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"/>	FULL 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"/>	RECOMPLETION OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Acidize	
(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.)*

11-4-65 Acidize perms 5246-5393' with 15,000 gal 28% iron acid with 3 gal/1000 W-35 and 2½#/1000 gal J-120 friction reducing additive.

11-5-65 Job complete. Return well to injection.

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

SIGNED C.R. Waller TITLE Production Engineer DATE 11/19/65

(This space for Federal or State office use)

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

MJE/njh

*See Instructions on Reverse Side

RECEIVED
 NOV 23 1965
 GEOLOGICAL SURVEY
 WASHINGTON, D.C.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

#G-21

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

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

Sec. 13, T41S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan Utah

1. OIL WELL GAS WELL OTHER *WI*

2. NAME OF OPERATOR
The Superior Oil Company

3. ADDRESS OF OPERATOR
P. O. Drawer 'G', Cortez, Colorado 81321

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

763' FNL, 1877' FWL
Section 13, T41S, R24E
San Juan County, Utah

14. PERMIT NO.

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

4455' 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.)*

MCU #G-21 is currently Desert Creek input well. The Ismay Formation will be perforated 5198-5210'. A plug will be set into an existing permanent packer at 5218' and a retrievable packer will be set at 5110', isolating the Ismay. The Ismay Formation will be treated with 3,000 gallons 28% acid. The well will then be swabbed and tested.

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

SIGNED

C. L. Hill
C. L. Hill

TITLE

Senior Reservoir Engineer

DATE

11/22/70

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

CLH/njh

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

#G-21

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

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

NE NW Sec. 13, T41S, R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL GAS WELL OTHER

Water Injection Well

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 'G', Cortez, Colorado 81321

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

763' FNL & 1877' FWL Sec. 13, T41S, R24E, SLM

14. PERMIT NO.

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

4455' 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.)*

12/15/70 Perforated the Ismay section 5198-5210' with 2 jets per ft. Tested and found well communicated. Deferred proposed acid treatment.

12/18/70 Placed well back on injection - all zones open.

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

SIGNED

D. D. Kingman

TITLE

District Engineer

DATE

1/7/71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OGC/nh

*See Instructions on Reverse Side

xc: State, USGS, Franques, Broussard, Hurlburt, WIO, File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 763' FNL, 1877' FWL of Sec. 13
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

5. LEASE
14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
McELMO CREEK UNIT

9. WELL NO.
#G-21

10. FIELD OR WILDCAT NAME
GREATER ANETH FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NENW Sec. 13, T41S, R4E

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4443' G.L. 4453' KB

RECEIVED
DIVISION OF OIL, GAS & MINING
AUG 27 1981

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input checked="" type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

NOTE: Workover rig is presently on location. The 2-7/8" tbg (leaking) & pkr were pulled & a RBP was set above the Desert Creek & Ismay perfs. A temperature survey was run which indicated 5-1/2" csg leaks from 267' - 602' and possible 8-5/8" csg leaks around 200'. Subject well is presently flowing water from the DeChelly formation (at 2300') behind the 5-1/2" csg and out the leaks. On 8-19-81 Richard Bell gave verbal approval to perform the following:

- Mechanically cut 5 1/2" csg. @ 1100' & POH.
- RIH w/ 8 5/8" bit & scraper to 1100'.
- RIH w/ splice-on tool, csg. pkr., stg collar & new 5 1/2", 15.5# csg. Splice new csg. to old & set csg. pkr.

(Con't on Back)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED I. G. Merrion TITLE Petroleum Eng. DATE Aug. 21, 1981

(This space for Federal or State office use)

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

3M/1h Orig + 5 - USGS, State - 2, Navajo Tribe - 1, Reg Group - Central Files

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING
DATE 8-31-81
BY: M. J. Mander

*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other Water Injection Well

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 763' FNL, 1877' FWL of Sec. 13
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
McELMO CREEK UNIT

8. FARM OR LEASE NAME
McELMO CREEK UNIT

9. WELL NO.
#G-21

10. FIELD OR WILDCAT NAME
GREATER ANETH FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NENW Sec. 13, T41S, R24E

12. COUNTY OR PARISH 13. STATE
SAN JUAN UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4443' GR 4453' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

NOTE: Present condition of well is RBP with sand on top (in 5-1/2" casing) set above Desert Creek and Ismay perfs. Casing (5-1/2") cut at 1100' and POH. Drilled outside of 8-5/8" surface casing at 234'. Drilled to approximately 1160'. It is not technically feasible to get back inside casing string.

- Spot balance plug of class 'B' cement from 1160' to surface and Bradenhead squeeze.
- Fill cellar w/ cement and mark well with a piece of pipe greater than 4" diameter, and 10' in length (at least 4' above grade). The top of the pipe should be sealed, and it should indicate the number and location of well and name of lease.
- Rehabilitate location.

cc: Orig + 5 - USGS, State - 2, Navajo Tribe - 1, Reg. Group, Files - H, D, C,
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Dwaine I. Blanscet TITLE Sr. Prod. Engineer DATE 10-15-81
Dwaine I. Blanscet

(This space for Federal or State office use)

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

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 12/29/81
BY: [Signature]

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other Water Injection Well

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 763' FNL, 1877' FWL of Sec. 13
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON* (other)	<input type="checkbox"/>	<input type="checkbox"/>

5. LEASE
14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
McELMO CREEK UNIT

8. FARM OR LEASE NAME
McELMO CREEK UNIT

9. WELL NO.
#G-21

10. FIELD OR WILDCAT NAME
GREATER ANETH FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NENW Sec. 13, T41S, R24E

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4443' GL 4453' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

- Mechanically cut 5-1/2" casing at 1101' and POH w/ 5-1/2" casing. Casing had numerous, large diameter holes from approximately 260' to 600'.
- RIH w/ 8-5/8" casing scraper but could not get down. Cleaned and reamed w/ mill to approximately 660'. Received fill through 8-5/8" casing such that each day we could not get past 660'.
- Attempted to squeeze 8-5/8" casing w/ 1000 sx cement as follows: pumped 200 sx class 'B' cement w/ 6% Gel and 3% calcium chloride, pumped 600 sx class 'B' cement w/ 3% calcium chloride, pumped 200 sx class 'B' w/ 50% cal seal. Pumped cement at 5 bbl/min w/ average pressure of 200 psi. Displaced w/ 5 bbls water and pressured to 1300 psi. Waited on cement over night.

continued on reverse side.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Dwaine I. Blanscet TITLE Sr. Prod. Engineer DATE 10-15-81

(This space for Federal or State office use)

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

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

4. Drilled and milled cement out of 8-5/8", milled hard cement and occasionally picked up some iron. Starting getting formation returns w/ cement at approximately 1070'. Drilled to 1170' (70' below top of 5-1/2" casing) w/ 100% formation returns at 1170'.
5. Ran magnetic casing inspection log and collar locator which indicated outside of 8-5/8" casing at 234' and drilled on or near casing to approximately 450'.

3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other **WATER INJECTION WELL**

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 763' FNL, 1877' FWL of Sec. 13
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
14-20-603-370

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
McELMO CREEK UNIT

8. FARM OR LEASE NAME
McELMO CREEK UNIT

9. WELL NO.
#G-21 (Navajo's 21-3)

10. FIELD OR WILDCAT NAME
GREATER ANETH FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NENW SEC. 13, T41S, R24E, SLM

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4443'

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(other)		

RECEIVED
NOV 30 1981

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

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.)*

1. Set balance plug from 1150' to 400' w/ 220 sx class 'B' cement.
2. Squeezed 8-5/8" casing w/ 200 sx class 'B' cement w/ 6% gel & 3% CaCl, followed by 600 sx class 'B' w/ 3% CaCl, followed by 200 sx class 'B' w/ 50% Cal seal.
3. Marked well w/ 4" diameter pipe, 10' in length and 4' above grade.
4. Awaiting surface restoration instructions.

cc: Orig + 5 - USGS, State - 2, Navajo Tribe, Reg. Group, Files - H, D, C, Judy Wright

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED D. I. Blanscet TITLE Sr. Production Eng DATE November 23, 1981

(This space for Federal or State office use)

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



355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 3, 1985

Mobil Oil Company
 P.O. Box 5444
 Denver, Colorado 80217

ATTN: Lowell Martinson-mail stop 6G

Gentlemen:

According to our records, the information required to be filed no later than October 8, 1984 for the following listed water injection wells under Rule I-4 has not been received by this Division.

GOTHIC MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
9-44(67-1)	9	41 South	23 East
9-24 (67-4)	9	41 South	23 East
16-11	16	41 South	23 East
16-24	16	41 South	23 East
16-44	16	41 South	23 East

WHITE MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
G21 (21-13)	13	41 South	24 East
4 (22-32)	22	41 South	24 East
A-9 (33-23)	33	41 South	24 East
38 (33-41)	33	41 South	24 East
60 (2-21)	2	42 South	24 East
68 (3-12)	3	42 South	24 East
63 (4-41)	4	42 South	24 East
67 (4-32)	4	42 South	24 East
75 (4-43)	4	42 South	24 East
78 (4-14)	4	42 South	24 East
83 (10-41)	10	42 South	24 East

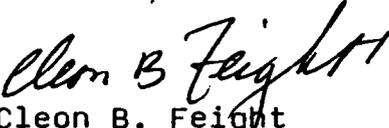
Page 2
December 3, 1985
Mobil Oil Company
Lowell Martinson

If water or other liquids are being injected into any of these wells, they are being operated illegally (see enclosed Attorney General's informal opinion No. 85-55). If injection is taking place, please shut-in the well or wells until an application for a Class II well has been filed and approved.

Incidentally, failure to shut-in an illegal well could result in a fine of \$5,000 or \$10,000 per day for each day of violation.

Enclosed are some forms and a copy of Rule I-4 and I-5.

Thank you,


Cleon B. Feight
UIC Manager

Enclosures

mfp
0009U-34

cc: Mobil Oil Company
P.O. Drawer G
Cortez, Colorado 81321
ATTN: Gregg Tript



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Norman H. Bangerter, Governor
 Dee C. Hansen, Executive Director
 Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 13, 1985

CERTIFIED RETURN RECEIPT REQUESTED
 P 168 903 789

Mr. Gregg Tript
 Mobil Oil Company
 P.O. Box G
 Cortez, Colorado 81321

Dear Mr. Tript:

Re: Request for Information of Existing Class II Injection Wells

The purpose of this letter is to confirm your telephone conversation with Ron Firth, Associate Director of Oil and Gas, and clarify the status of certain existing Class II Injection Wells.

According to our records, information required in Rule I-4 (enclosed) has not been filed with the Division for the following wells:

GOTHIC MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
9-44(67-1) <i>NO</i>	9	41 South	23 East
9-24 (67-4) <i>NO</i>	9	41 South	23 East
16-11 <i>NO</i>	16	41 South	23 East
16-24 <i>NO</i>	16	41 South	23 East
16-44 <i>NO</i>	16	41 South	23 East

Page 2
Mr. Gregg Tript
December 13, 1985

WHITE MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
G21 (21-13) <i>NO</i>	13	41 South	24 East
4 (22-32) <i>✓</i>	22	41 South	24 East
A-9 (33-23) <i>NO</i>	33	41 South	24 East
38 (33-41) <i>NO</i>	33	41 South	24 East
60 (2-21) <i>✓</i>	2	42 South	24 East
68 (3-12) <i>✓</i>	3	42 South	24 East
63 (4-41) <i>✓</i>	4	42 South	24 East
67 (4-32) <i>✓</i>	4	42 South	24 East
75 (4-43) <i>✓</i>	4	42 South	24 East
78 (4-14) <i>NO</i>	4	42 South	24 East
83 (10-41) <i>NO</i>	10	42 South	24 East

As Mr. Firth indicated, you are being given a thirty-day period, effective from receipt of this letter, to file the necessary information with the Division. You are not required to shut-in the above-referenced wells, as indicated in the December 3, 1985 letter from Cleon Feight. You may continue to operate in accordance with Division statute and rules until we have reviewed your submission. At that time, we will notify you in writing of the sufficiency of information filings and the status of the wells.

Thank you for your assistance with this matter.

Best regards,



Dianne R. Nielson
Director

mjm
Enclosure
cc: R. J. Firth
Mobil Oil Company
ATTN: Lowell Martinson - mail stop GG
P.O. Box 5444
Denver, Colorado 80217
0454V

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RECEIVED

JAN 30 1986

RULE 1-7 (d & e)

DIVISION OF OIL
GAS & MINING

NOTICE OF (COMMENCEMENT) (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification: _____ Date of Commencement/Termination 11/23/81

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name McElmo Creek Unit #G-21

Location: Section 13 Twp. 41S Rng. 24E County San Juan

Order No. authorizing Injection N/A Date N/A

Zone into Which Fluid Injected Desert Creek and Ismay

If this is a Notice of Termination of injection, please indicate date well commenced injection March, 1963

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval Plugged November, 1981

Operator Mobil Oil Corp. as agent for Superior Oil

Address P. O. Drawer G, Cortez, Colorado 81321

Chas J. Benally
Signature

January 13, 1985
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.