

- 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

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 2/16/59 Location Inspected _____
 OW WW _____ TA _____ Bond released _____
 GW _____ OS _____ PA _____ State of Fee Land _____

LOGS FILED

Driller's Log 2/24/59
 Electric Logs (No. _____)
 E _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ M-L _____ Sonic _____ Others 2 *R. R. ...*

R. R. ...

(SUBMIT IN TRIPLICATE)

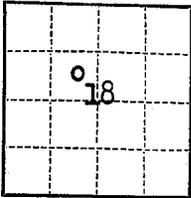
Indian Agency _____

Navajo _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-263



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)

December 29, 1958, 19__

Navajo Tract 114

Well No. 28 is located 1980 ft. from N line and 1810 ft. from W line of sec. 18

C SENW Section 18 4LS 25E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4451' ungraded.

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)

Rotary drilling equipment will be used to drill to approximately 5600' to the Paradox Salt Formation. Surface Casing: Approximately 1300' of 8-5/8" OD 24# smls casing cemented to the surface. Oil String: Required amount of 5 1/2" OD J55 smls casing cemented with required amount of cement. Mud Program: Conventional gel mud, may convert to oil emulsion to drill pay. Drill Stem Tests: All oil and gas shows will be tested. Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

This location is staked 1810' from the west line because of short quarter section.

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

Company The Carter Oil Company

Production Department

Address Box 3082

Durango, Colorado

By B M Bradley
B M Bradley
Title District Superintendent

+ Corrected 12-30

LEASE PLAT & PIPE LINE DATA

DIV. NO. _____ BLOCK NAME _____ LEASE NO. _____

LESSOR _____

TOTAL ACCUMULATED INTEREST _____

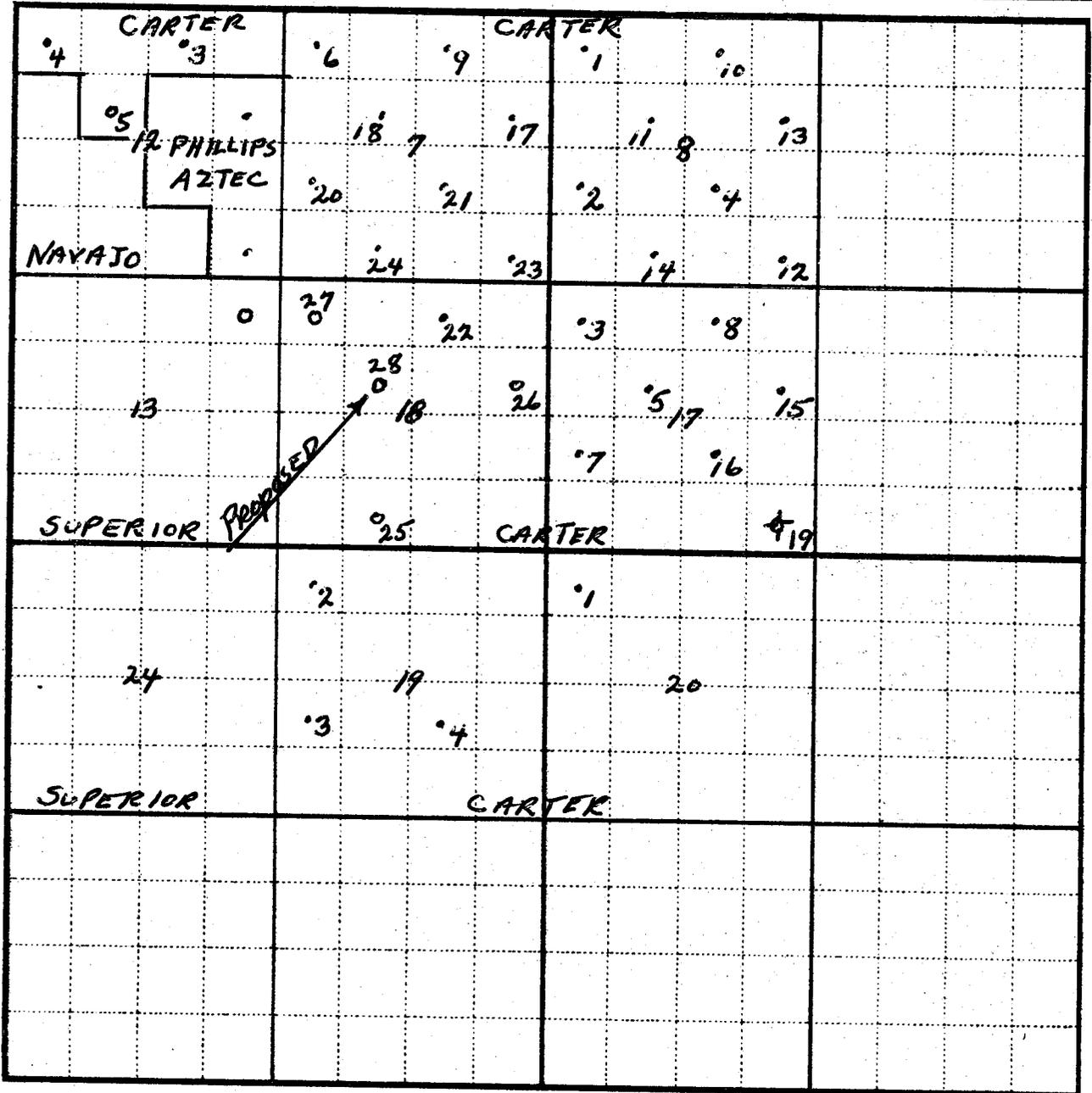
STATE Utah COUNTY San Juan SEC 18 T 41S R 25E ACRES _____

DESCRIPTION AND INTEREST: _____

The Carter Oil Company - Proposed Location - Navajo Tract 114 #28

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION

Total Length and Size of Pipe Laid _____ Pipe Transferred From _____
Total Length and Size of Pipe Taken Up _____ Pipe Transferred to _____
Depth Buried _____ Painted _____ Screw, Welded or Coupled _____ List Fittings (on back of this sheet if necessary)
Date _____ District _____ Farm or Plant _____
Signed _____
(Mail to Engineering Department - Tulsa)



When used as 1/4" Section Scale, 1" = 400'
When used as Section Scale, 1" = 800'
When used as 4 Sections Scale, 1" = 1600'
Place check mark after scale used.

Plat made by _____ Date _____
1/2" Base Map _____ Date _____
Plat Book (Pend.) _____ Date _____ (Comp.) _____ Date _____
Block Map (Pend.) _____ Date _____ (Comp.) _____ Date _____
Block Map Tr. (Pend.) _____ Date _____ (Comp.) _____ Date _____

Company THE CARTER OIL COMPANY

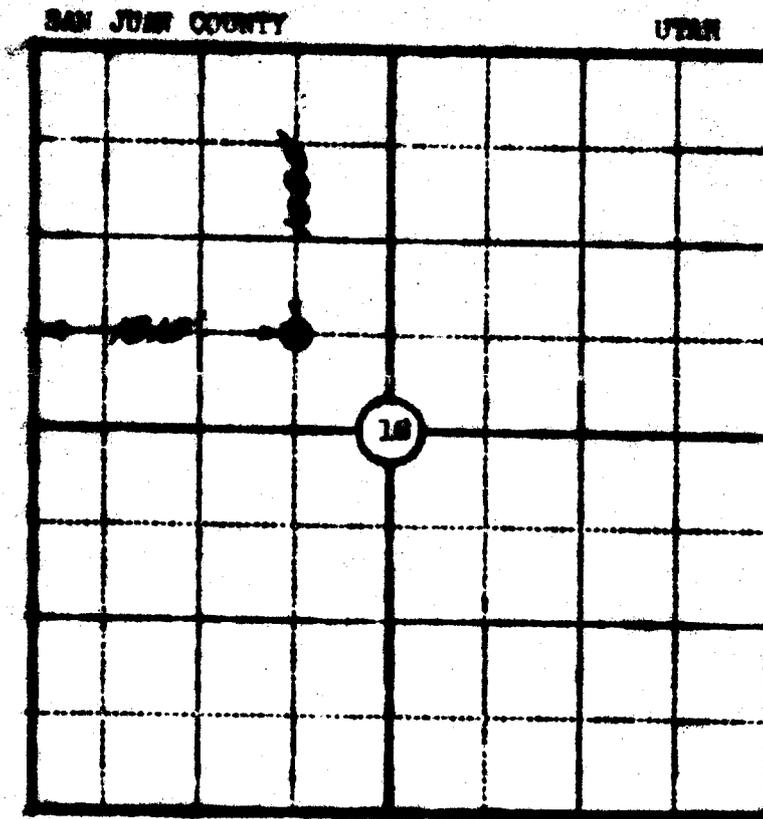
Loc. SEVENO TRACT 11A

Well No. _____

Sec. 18, T. 41 S., R. 25 E., S.L.W.

Location 1900' FROM THE NORTH LINE & 1810' FROM THE WEST LINE

Structure 4451.2' unroofed ground



Scale—4 inches equal 1 mile.

This is to certify that the above plot 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.

Signed:

James P. Luce

Registered Land Surveyor.

James P. Luce

Utah Reg. No. 1472

Dated 26 December

19 58

December 30, 1958

The Carter Oil Company
Production Department
P. O. Box 30 82
Durango, Colorado

Attention: B. M. Bradley, District Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tract 114-28, which is to be located 1980 feet from the north line and 1810 feet from the west line of Section 18, Township 41 South, Range 25 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

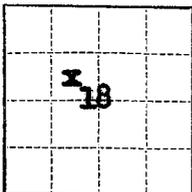
CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: Phil McGrath
USGS, Farmington,
New Mexico

4

(SUBMIT IN TRIPLICATE)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Allottee _____
Lease No. 14-20-603-263

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	
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)

February 19, 1959

Navajo Tract 111,
Well No. 28 is located 1980 ft. from N line and 1810 ft. from W line of sec. 18
C SE NW Section 18 41S 25E S. L. M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the R. K. B. ~~datum~~ above sea level is 4462 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 5433', PBD 5396', perf. 5359-82' & 5340-50' w/2 shots/ft. Spotted 300 gal. MCA across perf., swabbed back. Acidized w/5600 gal. reg. 15% acid, flushed w/32 bbls. crude oil. Swabbed. Flowed on 4 hour test thru 3/8" choke for 95 bbls. oil, or 570 b.o.p.d. T.P. 260#. Killed well. Set bridge plug @ 5335', perf. 5272-78' & 5284-5328' w/2 shots/ft. Spotted 500 gal. MCA across perf., swabbed back. Acidized w/9000 gal. reg. 15% acid and 65 nylon balls. Flushed w/32 bbls. crude oil. Flow and swab back. On test 4 hours thru 3/8" choke, rec. 108 bbls. oil, or 648 b.o.p.d. Killed well. Drilled out plug @ 5335', drove to 5396'. Set plug @ 5263', perf. 5201-21' & 5244-54' w/2 shots/ft. Washed perf. w/350 gal. MCA, then acidized w/5200 gal. reg. 15% acid. Flow and clean up well. Tested 4 hours thru 3/8" choke, rec. 94 bbls. oil, or 564 b.o.p.d. Killed well, drilled out plug @ 5263', drove to 5396'. Well completed 2-16-59, flowing at rate of 560 b.o.p.d. and no water on six hour test. T.P. 350#, C.P. 0#, est. GOR 600:1. Producing thru perforations: 5201-21', 5244-54', 5272-78', 5284-5328', 5340-50' and 5359-82'. PBD 5396'.

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

Company The Carter Oil Company
Address Box 3082
Durango, Colorado
By COPY (ORIGINAL SIGNED) D. M. BRADLEY
Title Dist. Supt.

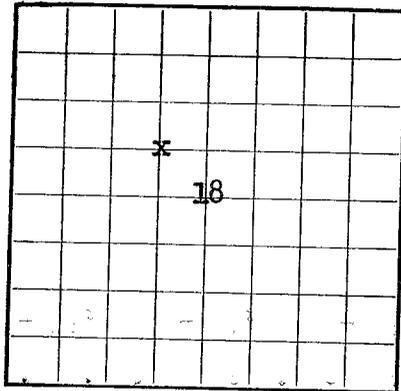
12-30-58

10

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

State Capitol Building
Salt Lake City 14, Utah

7-K
3-10



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company The Carter Oil Company Address P. O. Box 3082, Durango, Colorado
Lease or Tract: Navajo Tract 114 Field McElmo Creek State Utah
Well No. 28 Sec. 18 T. 41S R. 25E Meridian S. L. M. County San Juan
Location 1980 ft. S. of N Line and 1810 ft. E. of W Line of Section 18 Elevation 4462' RKB
(Derrick floor relative to sea level)

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 [Signature]
Title Dist. Supt.

Date February 19, 1959

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

Commenced drilling January 12, 19 59 Finished drilling January 31, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5200' to 5385' 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 220' to 245' 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#	8-R	-	169'	-	-	5201'	5221'	Production
8-5/8"	24#	8-R	-	1339'	Baker	-	5214	5254	"
5-1/2"	14#	8-R	-	5423'	Howco	-	5272	5278	"
							5284	5328	"
							5340	5350	"
							5359	5382	"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	182'	215	Halliburton	-	-
8-5/8"	1350'	1075	Halliburton	-	-
5-1/2"	5432'	275	Halliburton	-	-

SHOOTING RECORD

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

MARK

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	182'	215	Halliburton	-	-
8-5/8"	1350'	1075	Halliburton	-	-
5-1/2"	5432'	275	Halliburton	-	-

MARK

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 5433 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

COMPLETION DATE: 2-16-, 1959 FIRST PRODUCTION: 2-12-, 1959
 Put to producing _____, 19_____

The production for the first 24 hours was 560 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 39.5° @ 60°

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

Rock pressure, lbs. per sq. in. _____

ESTIMATED GOR: 600-1

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1139'	?	?	Chinle
2237	2310	73'	Cutler
2310	2485	175	DeChelly
2485	4230	1745	Organ Rock
4230	5186	956	Hermosa
5186	5433' TD	247	Paradox

FEB 24 1959

[OVER]

At the end of complete Driller's Log, add Geologic Tops. State whether from Electric Logs or samples.

JK

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 hauling.

NAVAJO TRACT 114 #28

TD 5433', PBTD 5396'. Perforated 5359-82' and 5340-50' with two shots per foot. Ran 2 $\frac{1}{2}$ " tubing with packer set @ 5290', tail pipe @ 5321'. Spotted 300 gallons MCA across perforations, swabbed back. Acidized with 5600 gallons regular 15% acid, flushed with 32 bbls. lease crude oil. Swabbed and cleaned up well. Flowed on four hour test thru 3/8" choke for 95 bbls. oil, or 570 b.o.p.d. Tubing pressure 260#. Killed well. Set bridge plug @ 5335', perforated 5272-78' and 5284-5328' with two shots per foot. Spotted 500 gallons MCA across perforations 5272-78' and 5284-5328', swabbed back. Acidized with 9000 gallons regular 15% acid and 65 nylon balls. Flushed with 32 bbls. crude oil. Flow and swab back, cleaned up well. On test four hours thru 3/8" choke, recovered 108 bbls. oil, or 648 b.o.p.d. Killed well. Drilled out plug @ 5335', drove to 5396'. Set bridge plug @ 5263', perforated 5201-21' and 5244-54' with two shots per foot. Washed perforations with 350 gallons MCA, then acidized with 5200 gallons regular 15% acid. Flow and clean up well. Tested four hours thru 3/8" choke, recovered 94 bbls. oil or 564 b.o.p.d. Killed well, drilled out plug @ 5263', drove to 5396'. Well completed 2-16-59 as oil well, flowing at rate of 560 b.o.p.d. and no water on six hour test. T. P. 350#, C. P. 0#, estimated GOR 600:1. Producing thru perforations: 5201-21', 5244-54', 5272-78', 5284-5328', 5340-50' and 5359-82'. PBTD 5396'.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse 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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-263	
2. NAME OF OPERATOR The Superior Oil Company <i>Assemble</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado 81321		7. UNIT AGREEMENT NAME McElmo Creek	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE NW Section 18, T41S, R25E		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. MCU #K-22	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4463' KB		10. FIELD AND POOL, OR WILDCAT McElmo Creek	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T41S, R25E	
		12. COUNTY OR PARISH San Juan	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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Propose to perforate Lower Ismay 5132-40, 5144-50, 5172-80 and treat with 5,000 gallons of 28% acid. Ismay and Desert Creek will be produced commingled.

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

SIGNED D. D. Kingman TITLE District Engineer DATE 8/3/71

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DDK/njh

*See Instructions on Reverse Side

cc: USGS, State, Franques, Broussard, Hurlbut, File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on re-
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.)

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-263

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.

#K-22

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

SF NW Sec. 18 T41S R25E

12. COUNTY OR PARISH

San Juan

Utah

14. PERMIT NO.

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

4463' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

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

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

Notice of intent to stimulate the Ismay intervals 5132-40' and 5144-50' with 3,000 gallons 28% retarded acid.

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

SIGNED

J. P. Noser
J. P. Noser

TITLE

Prod. Engineer

DATE

10/5/71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JPN/njh

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, Hurlbut, 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.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

#K-22

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

SE NW Sec. 18, T41S, R25E

12. COUNTY OR PARISH

San Juan

Utah

14. PERMIT NO.

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

4463' KB

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 checked="" type="checkbox"/>	ABANDONMENT* <input 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.)*

8/23/71 Perforated Lower Ismay intervals 5132-40', 5144-50' and 5172-80' with two jets per foot.

8/24/71 Treated perfs 5132-80' with 5,000 gal 28% acid in two stages with Mothball

Ismay communicated with Desert Creek - no production increase.

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

SIGNED D. D. Kingman TITLE District Engineer DATE 10/6/71

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OGC/nh

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, Hurlbut, WIO, 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.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

MCU #K-22

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

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

SE NW Sec. 18, T41S, R25E

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

2. NAME OF OPERATOR
The Superior Oil Company *Scumble*

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

1980' FNL & 1810' FWL, Sec. 18, T41S, R25E SLM

14. PERMIT NO.

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

4463' 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.)*

SUBSEQUENT REPORT OF ISMAY ZONE STIMULATION 5132-40' AND 5144-50'.

10/12/71 Set bridge plug at 5165', tubing tail to 5149'.

10/13/71 Treated perms 5132-50' with 3000 gal 28% acid.
Formation broke down at 4000 psi.
ISIP 3750 psi, 15 min SIP 3700#.
Flowed 76 bbls in 2 hrs. Well died.
Ran production equipment to produce all zones commingled.

Production prior to workover - 83 BO, 103 BWPD - 55% cut.
Production subsequent to workover - 95 BO, 427 BWPD - 82% cut.

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

SIGNED *D. D. Kingman*
D. D. Kingman

TITLE District Engineer

DATE 11/3/71

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

OGC/njh

*See Instructions on Reverse Side

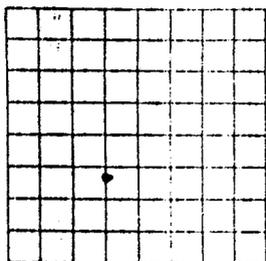
cc: State, USGS, Franques, Broussard, Hurlbut, WIO, File

PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed)

API NO. _____

640 Acres
N



Locate Well Correctly
and Outline Lease

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY
LEASE NO.

COUNTY San Juan SEC. 7 TWP. 41S RGE. 25E

COMPANY OPERATING Superior Oil Company

OFFICE ADDRESS P.O. Drawer "G"

TOWN Cortez STATE ZIP CO 81321

FARM NAME McElmo Creek WELL NO. #K-22

DRILLING STARTED Jan. 19 60 DRILLING FINISHED Jan. 19 60

DATE OF FIRST PRODUCTION 2-12-59 COMPLETED 2-16-59

WELL LOCATED S 1/2 ~~X~~ NE 1/4 SW 1/4

1810 FT. FROM SL OF 1/4 SEC. & 1980 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 4462' GROUND 4451'

TYPE COMPLETION

Single Zone _____

Multiple Zone _____

Comingled X

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay	5132'	5180'			
D.C. Zone I	5201'	5278'			
D.C. Zone II	5284'	5350'			
D.C. Zone III	5359'	5382'			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
8-5/8"	24#	J-55	1339'		1075		Surface
5-1/2"	14#	J-55	5432'		275		3562' (est)

TOTAL DEPTH 5433'

PACKERS SET

DEPTH _____

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
ISMAV		D.C. ZONE I	D.C. ZONE II & III
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Oil	Oil	Oil
PERFORATED	5132'-5140'	5201'-5221'	5284'-5328'
INTERVALS	5144'-5150'	5244'-5254'	5340'-5350'
	5170'-5180'	5272'-5278'	(III)
	Squeezed	Squeezed	5359'-5382'
ACIDIZED?	5000 gals	850 gals MCA	300 gals MCA
FRACTURE TREATED?	28% HCl	14200 gals	5600 Gals
		15% HCl	15% HCl
			1000 gals
			28% HCl

INITIAL TEST DATA

Date _____
Oil, bbl./day _____
Oil Gravity _____
Gas, Cu. Ft./day _____
Gas-Oil Ratio Cu. Ft./Bbl. _____
Water-Bbl./day _____
Pumping or Flowing _____
CHOKE SIZE _____
FLOW TUBING PRESSURE _____

ALL ZONES TESTED TOGETHER

Date	2-12-59	
Oil, bbl./day	560	
Oil Gravity		
Gas, Cu. Ft./day	CF 336,000 (est)	CF
Gas-Oil Ratio Cu. Ft./Bbl.	600 (est)	
Water-Bbl./day	0	
Pumping or Flowing	Flowing	
CHOKE SIZE	3/8	
FLOW TUBING PRESSURE	350#	

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

DAVID B. JENSEN ENGINEER

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 303/565-3733

Name and title of representative of company

Subscribed and sworn before me this 11th day of May, 1964

ATTACHMENT 1

RULE I-5: Application for Approval of Class II Injection Wells

- (a) Attached is Form DOGM-UIC-1.
- (b) (1) See attached Land Plat.
(2) Attached is Form DOGM-UIC-2.
(3) See attached wellbore sketch.
(4)

- i. The intervening thickness is over 3900' between the proposed injection interval and the deepest fresh water sand. Furthermore, all fresh water sands are behind 5-1/2" production casing. The annulus pressure will be monitored to insure no behind pipe communication occurs.
- ii. Maximum Estimated Surface Pressure: 2800 psig
Maximum Estimated Rate: 2000 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1320'	Shale
8-5/8" Surface Casing	1339'	
DeChelly	2310'	Sandstone
Organ Rock	2495'	Shale
Hermosa	4225'	Limestone
Ismay	5076'	Limestone
Gothic	5186'	Shale
Desert Creek	5196'	Limestone
Chimney Rock	5383'	Shale

- (5)
- i. A throttling valve will be installed on the wellhead to control injection rates and pressures.
- ii. The source of injection water will be Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5400' respectively.
- iii. The analysis of injection water is as follows:
(as parts per million).

PH: 6.5	Ca: 13770	SO4: 25
CL: 16700 ppm	Mg: 11421	H2S: 30
Fe: 3	HCO3: 109.8	Ba: --
CaCo3: 18470	CO3: -	Specific Gravity: 1.0553

Well #K-22

(5) Cont.

iv. The proposed injection zones are the Ismay and Desert Creek formations. Both zones are carbonate formations consisting of limestone, anhydrite and dolomite. The formations extend throughout the Paradox Basin and are underlain by the Chimney Rock Shale and are overlain by the Hermosa Limestone.

v. All fresh water zones are behind surface casing.

vi. The analysis of formation water (Desert Creek) is as follows: (as parts per million).

PH:	6.6	Ca:	4,600	SO4:	325
CL:	38,000	Mg:	1,377	H2S:	25
Fe:	6	HCO3:	195	Ba:	-
CaCO3:	17,000	CO3:	--	Specific Gravity:	1.040

(6) If the proposed injection well must be shut-in, the fresh water wells can also be shut-in.

(7) N/A.

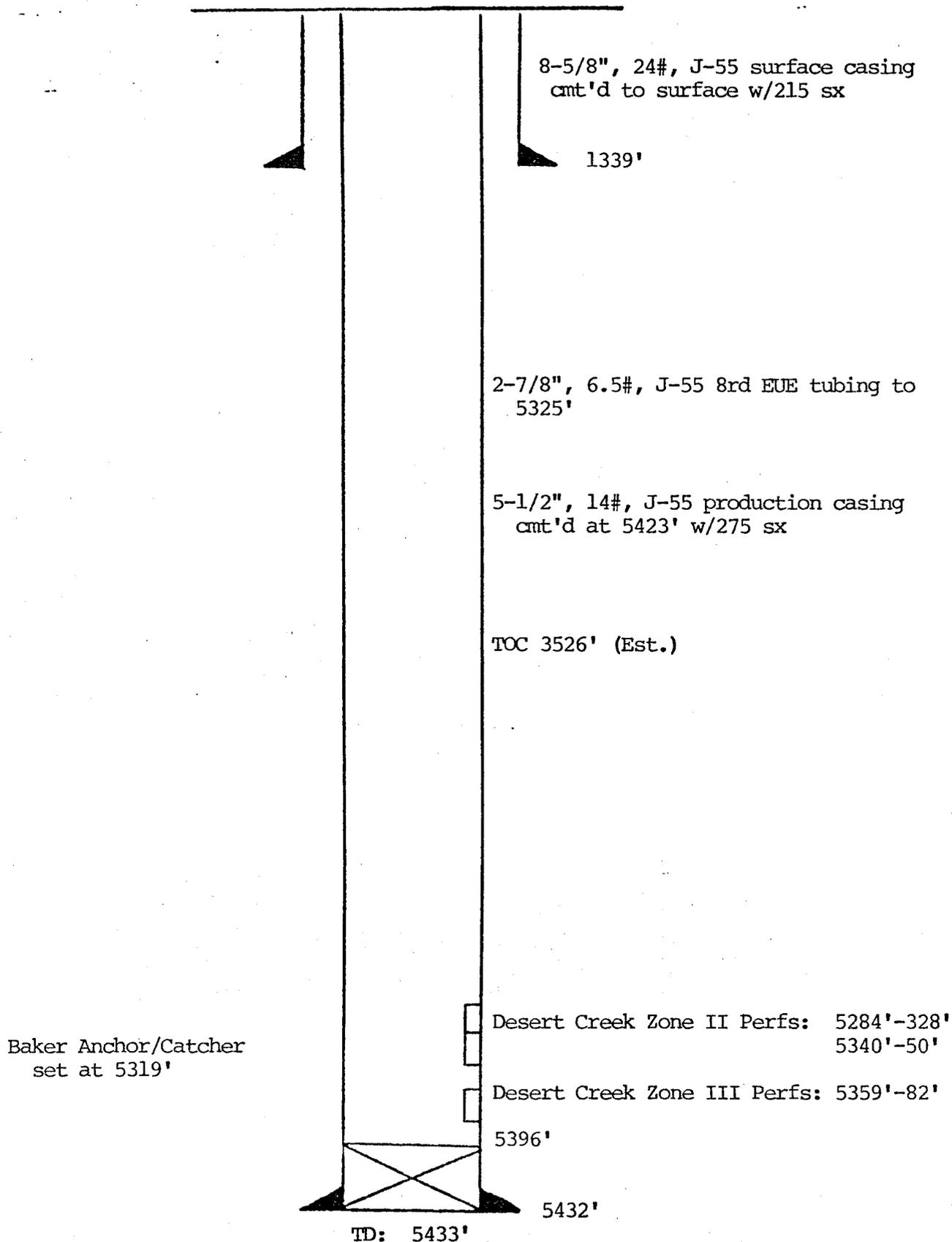
(8) The Division will be notified of the date and time to monitor the mechanical integrity test.

(9) There are not defective wells in this area.

(10) N/A.

McELMO CREEK UNIT #K-22
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

WELLBORE SKETCH



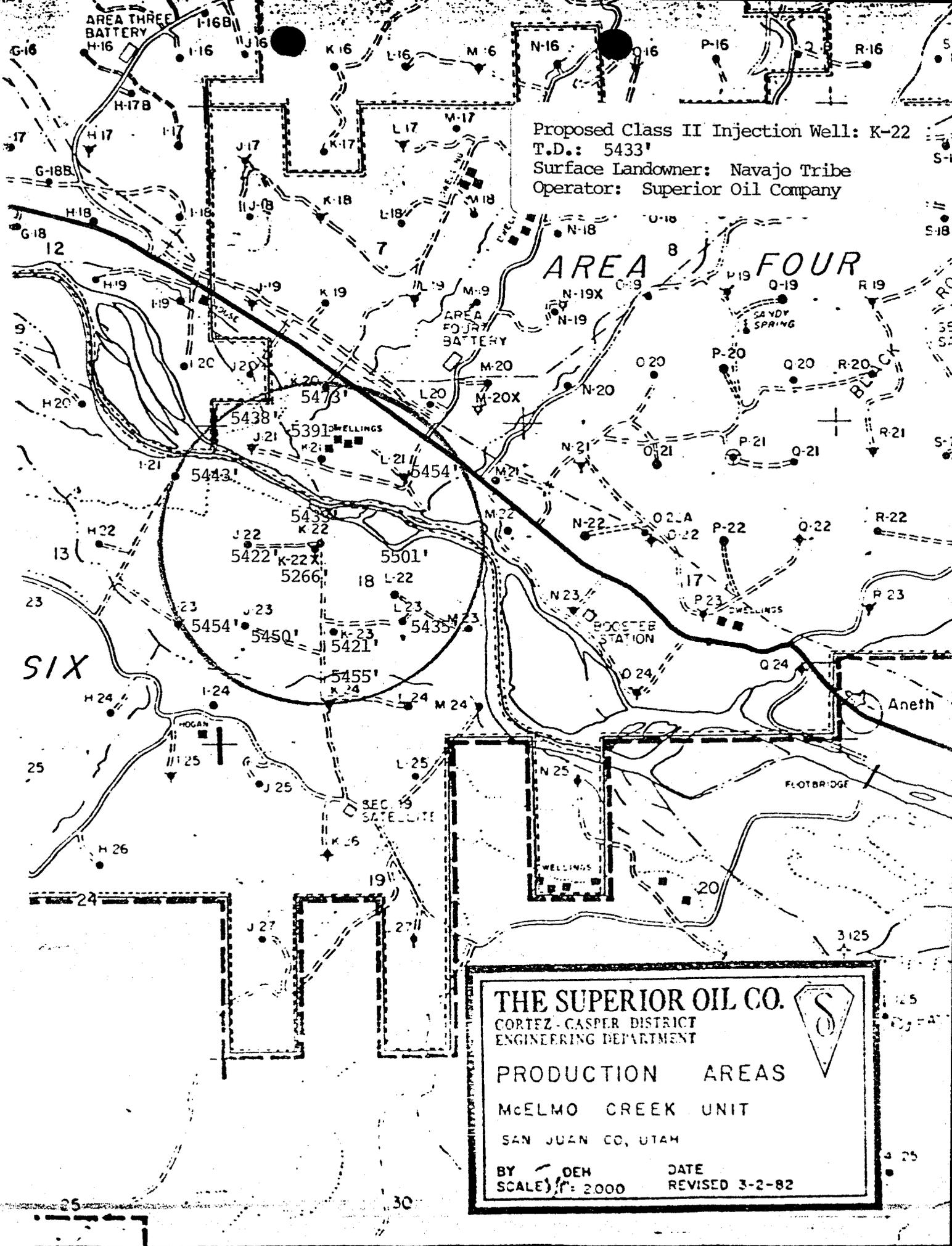
Proposed Class II Injection Well: K-22
 T.D.: 5433'
 Surface Landowner: Navajo Tribe
 Operator: Superior Oil Company

AREA FOUR

THE SUPERIOR OIL CO.
 CORTEZ-CASPER DISTRICT
 ENGINEERING DEPARTMENT

PRODUCTION AREAS
 McELMO CREEK UNIT
 SAN JUAN CO, UTAH

BY OEH DATE
 SCALE 1" = 2000' REVISED 3-2-82

Approved after 1982

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: MEPNA
FIELD: Greater Aneth LEASE: Mc Elmo Creek
WELL # K-22 Nav 114-78 SEC. 18 TOWNSHIP 41S RANGE 25E
STATE FED FEE DEPTH 5433 TYPE WELL INTJW MAX. INJ. PRESS. 2800

TEST DATE 9/10/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>8 5/8</u>	<u>1339'</u>	<u>1075</u>	<u>7 #</u>	<u>Very close to</u>	
<u>INTERMEDIATE</u>					<u>K-22x,</u>	
<u>PRODUCTION</u>	<u>5 1/2"</u>	<u>5432</u>	<u>275</u>	<u>0 #</u>	<u>which is on</u>	
					<u>vacuum</u>	
<u>TUBING</u>	<u>2 7/8"</u>	<u>5190</u>		<u>800 #</u>	<u>SI</u>	

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Superior Oil Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P.O. Drawer "G", Cortez, CO 81321</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>1980' FNL, 1810' FWL, Section 18</u></p> <p>14. PERMIT NO. _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <u>14-20-603-263</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo (11428)</u></p> <p>7. UNIT AGREEMENT NAME <u>McElmo Creek Unit</u></p> <p>8. FARM OR LEASE NAME _____</p> <p>9. WELL NO. <u>#K-22</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Greater Aneth</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>18 41 25</u> <u>Sec. 7, T41S, R15E, S1M</u></p> <p>12. COUNTY OR PARISH <u>San Juan</u></p> <p>13. STATE <u>Utah</u></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>KB: 4463'; GL: 4451'</u></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"/>	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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(Other) Convert to injection

(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.)*

1. MIRU. POOH w/rods and pump. NU and test BOP's. POOH and LD 2-7/8", 6.5#, J-55 tubing.
2. PU and RIH w/2-7/8" PC tubing and 5 1/2" PC packer. Hang packer at 5190'. Pump 85 bbls inhibited FW down annulus. Set packer. Fill annulus. NU injection head. RDMO.

RECEIVED

MAY 14 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED David B. Jensen TITLE ENGINEER DATE 4/23/84
DAVID B. JENSEN
 (This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

OIL WELL GAS WELL OTHER WATER INJECTION

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 and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FNL, 1810' FWL, SESW, SEC. 18

14. PERMIT NO.

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

GR: 4451'

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.

#K-22

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

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

SEC.18, T41S, R25E

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETE
SHOOT OR ACIDIZE ABANDON*
REPAIR WELL CHANGE PLANS
(Other) LAY INJECTION LINE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
FRACTURE TREATMENT ALTERING CASING
SHOOTING OR ACIDIZING ABANDONMENT*
(Other)

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

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

In reference to the above subject well, Superior Oil Company intends to lay approximately 145' of 3-1/2", 7.58#/ft cement lined line pipe with extrucoat for water injection purposes. Construction time will be approximately one week after BIA approval.

Attached is a plat with the proposed right-of-way.

RECEIVED

JUN 22 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED James S. Andres
(JAMES S. ANDRES)

TITLE ENGINEER

DATE 6-14-84

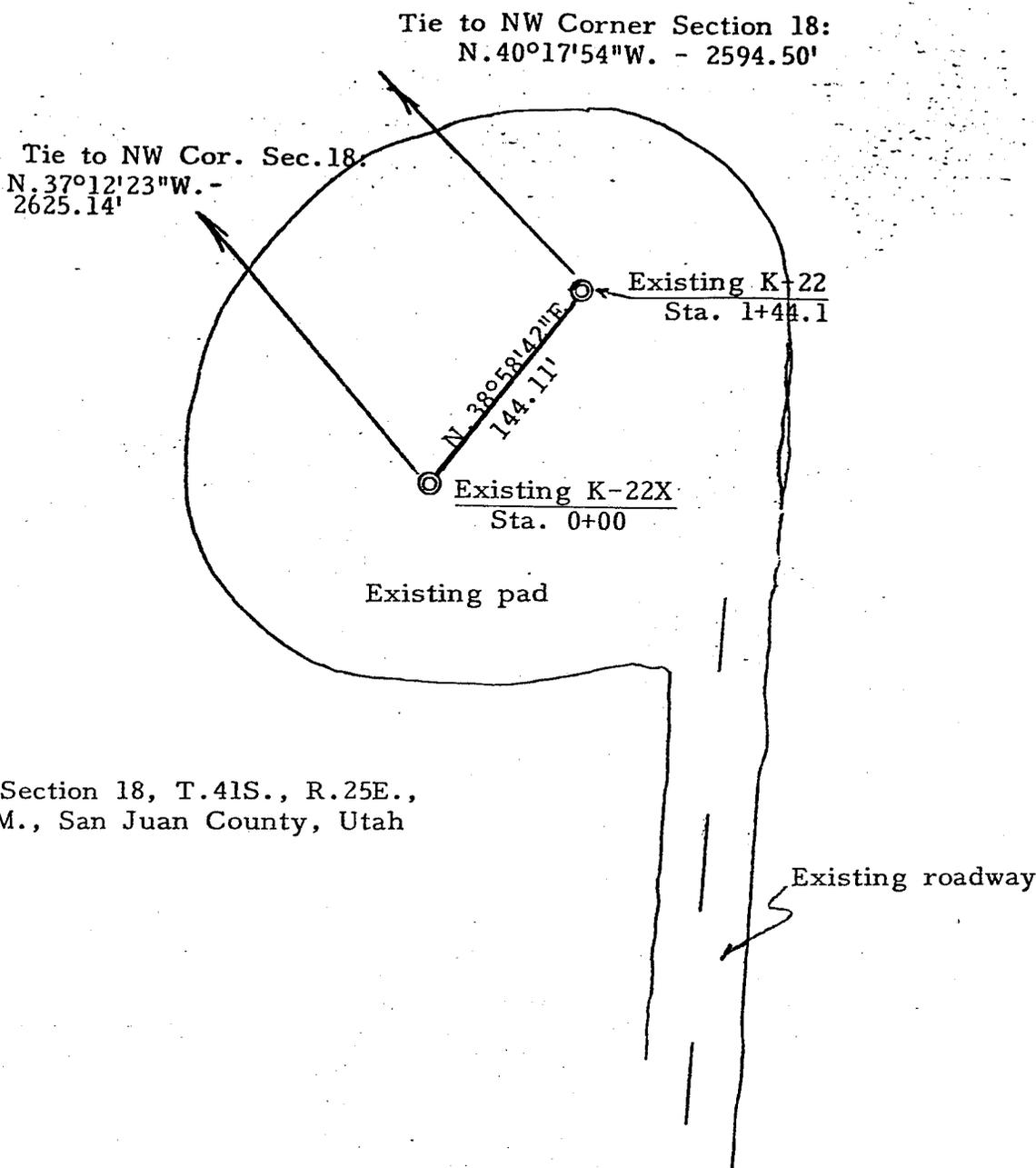
(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side



NW $\frac{1}{4}$ Section 18, T.41S., R.25E.,
 S.L.M., San Juan County, Utah

Legal Description

A pipeline centerline location in the NW $\frac{1}{4}$ of Section 18, T.41S., R.25E., S.L.M., San Juan County, Utah, being more particularly described as follows:

Beginning at Well K-22X in the NW $\frac{1}{4}$ of Section 18, T.41S., R.25E., S.L.M., San Juan County, Utah, from which point the NW Corner of said Section 18 bears $N. 37^{\circ}12'23''E.$ a distance of 2625.14 ft.;

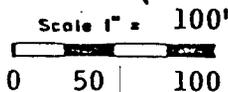
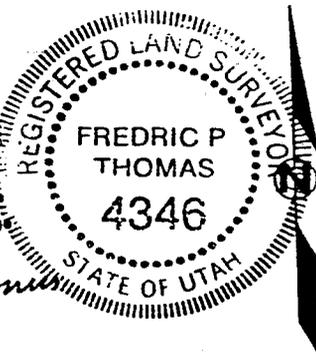
thence, $N. 38^{\circ}58'42''E.$ a distance of 144.11 ft. to well K-22, from which point the NW Corner of said Section 18 bears $N. 40^{\circ}17'54''W.$ a distance of 2594.50 ft.

Note: Bearing is based on the bearing of the west line of Section 18, T.41S., R.25E., S.L.M., San Juan County, Utah, from the SW Corner of said Section 18 to the NW Corner of said Section 18. This bearing is $N. 0^{\circ}00'52''W.$

KNOW ALL MEN BY THESE PRESENTS:
 THAT I, FREDRIC P. THOMAS, do hereby certify that I prepared this plot from an actual and accurate survey of the land and that the same is true and correct to the best of my knowledge and belief.

Fredric P. Thomas
 FREDRIC P THOMAS
 Reg. L.S. and P.E.
 Colo. Reg. No. 6728

Utah Reg. No. 4346



THOMAS Engineering Inc.

25 N. Linden
 Cortez, Colorado
 565-4496

AFFIDAVIT OF PUBLICATION

PUBLIC NOTICE

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

IN THE MATTER OF THE AP-
PLICATION OF SUPERIOR OIL
COMPANY FOR ADMINISTRA-
TIVE APPROVAL TO INJECT
WATER INTO CERTAIN WELLS
LOCATED IN SECTIONS 7, 18
AND 19 TOWNSHIP 41 SOUTH,
RANGE 25 EAST SAN JUAN
COUNTY, UTAH

CAUSE NO. UIC-038

THE STATE OF UTAH TO ALL
INTERESTED PARTIES IN THE
ABOVE ENTITLED MATTER.

Notice is hereby given that
Superior Oil Company, P.O.
Drawer "C", Cortez, Colorado
81321 has requested administra-
tive approval from the Division
to convert the wells mentioned
below to water injection wells as
follows:

McELMO CREEK UNIT
K-20, Sec. 7, T41S, R25E
M-20, Sec. 7, T41S, R25E
M-18, Sec. 7, T41S, R25E
K-22, Sec. 18, T41S, R25E
L-23, Sec. 18, T41S, R25E
L-25, Sec. 19, T41S, R25E

INJECTION INTERVAL: Para-
dox Formation, Ismay and Desert
Creek Members, 5210' to 5466'

MAXIMUM INJECTION RATE:
2800 BHPD

MAXIMUM INJECTION PRES-
SURE: 2000 psi

This application will be granted
unless objections are filed with
the Division of Oil, Gas and Mining
within fifteen days after pub-
lication of this Notice. Ob-
jections, if any, should be mailed
to: Division of Oil, Gas and
Mining, 4241 State Office Building,
Salt Lake City, Utah 84114.

DATED this 21st day of May,
1984.

STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING

s/ Marjorie L. Larson
Administrative Assistant

Published in The San Juan Record
May 30, 1984.

I, Joyce Martin, being duly sworn,
depose and say that I am the publisher of the San
Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
notice of application by Superior Oil Company,
administrative approval, Cause No. UIC-038
a copy of which is hereunto attached, was published in
the regular and entire issue of each number of said
newspaper for a period of 1 issues, the first
publication having been made on May 30, 1984.
and the last publication having been made on _____

Signature

Joyce A. Martin
Publisher

Subscribed and sworn to before me this 30th
day of May, A.D. 1984.

Freid K Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

AFFIDAVIT OF PUBLICATION

PUBLIC NOTICE

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

IN THE MATTER OF THE AP-
PLICATION OF SUPERIOR OIL
COMPANY FOR ADMINISTRA-
TIVE APPROVAL TO INJECT
WATER INTO CERTAIN WELLS
LOCATED IN SECTIONS 7, 18
AND 19 TOWNSHIP 41 SOUTH,
RANGE 25 EAST SAN JUAN
COUNTY, UTAH

CAUSE NO. UIC-038

THE STATE OF UTAH TO ALL
INTERESTED PARTIES IN THE
ABOVE ENTITLED MATTER.

Notice is hereby given that
Superior Oil Company, P.O.
Drawer "G", Cortez, Colorado
81321 has requested administra-
tive approval from the Division
to convert the wells mentioned
below to water injection wells as
follows:

McELMO CREEK UNIT
K-20, Sec. 7, T41S, R25E
M-20, Sec. 7, T41S, R25E
M-18, Sec. 7, T41S, R25E
K-22, Sec. 18, T41S, R25E
L-23, Sec. 18, T41S, R25E
L-25, Sec. 19, T41S, R25E

INJECTION INTERVAL: Para-
dox Formation, Ismay and Desert
Creek Members, 5210' to 5466'

MAXIMUM INJECTION RATE:
2800 BWPD

MAXIMUM INJECTION PRES-
SURE: 2000 psi

This application will be granted
unless objections are filed with
the Division of Oil, Gas and Mining
within fifteen days after pub-
lication of this Notice. Ob-
jections, if any, should be mailed
to: Division of Oil, Gas and
Mining, 4241 State Office Building,
Salt Lake City, Utah 84114.

DATED this 21st day of May,
1984.

STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING

s/ Marjorie L. Larson
Administrative Assistant

Published in The San Juan Record
May 30, 1984.

I, Joyce Martin, being duly sworn,
depose and say that I am the publisher of the San
Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
notice of application by Superior Oil Company,
administrative approval, Cause No. UIC-038
a copy of which is hereunto attached, was published in
the regular and entire issue of each number of said
newspaper for a period of 1 issues, the first
publication having been made on May 30, 1984.
and the last publication having been made on _____

Signature

Joyce A. Martin
Publisher

Subscribed and sworn to before me this 30th
day of May, A.D. 1984.

Ingrid K Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

ss.

.....Cheryl Gierloff.....

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-038

IN THE MATTER OF THE APPLICATION OF SUPERIOR OIL COMPANY FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO CERTAIN WELLS LOCATED IN SECTIONS 7, 18 AND 19 TOWNSHIP 41 SOUTH, RANGE 25 EAST SAN JUAN COUNTY, UTAH

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Superior Oil Company, P.O. Drawer "G", Cortez, Colorado 81321 has requested administrative approval from the Division to convert the wells mentioned below to water injection wells as follows:

MCELMO CREEK UNIT
 K-20, Sec. 7, T41S, R25E
 M-18, Sec. 7, T41S, R25E
 K-22, Sec. 18, T41S, R25E
 L-23, Sec. 18, T41S, R25E
 L-25, Sec. 19, T41S, R25E

INJECTION INTERVAL: Paradox Formation, Ismay and Desert Creek Members, 5210' to 5466'

MAXIMUM INJECTION RATE: 1800 BHPD

MAXIMUM INJECTION PRESSURE: 2000 psi

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to: Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

DATED this 21st day of May, 1984.

STATE OF UTAH
 DIVISION OF
 OIL, GAS AND MINING
 MARJORIE L. LARSON
 Administrative Assistant

D-34

Being first duly sworn, deposes and says that he/she is legal advertising clerk of **THE SALT LAKE TRIBUNE**, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the **DESERET NEWS**, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Cause No. UIC-038 - Application of Superior Oil

was published in said newspaper on

May 29, 1984

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this20th..... day of

June A.D. 19.84.....

R. I. Davis

Notary Public

My Commission Expires

.....March 1, 1988.....

RECEIVED

JUN 22 1984

DIVISION OF OIL
GAS & MINING



Affidavit of Publication

ADM-358

RECEIVED

STATE OF UTAH,
County of Salt Lake

ss.

JUN 22 1984

..... Cheryl Gierloff

DIVISION OF OIL
GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH
 CAUSE NO. UIC-038
 IN THE MATTER OF THE APPLICATION OF SUPERIOR OIL COMPANY FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO CERTAIN WELLS LOCATED IN SECTIONS 7, 18 AND 19 TOWNSHIP 41 SOUTH, RANGE 25 EAST, SAN JUAN COUNTY, UTAH
 THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.
 Notice is hereby given that Superior Oil Company, P.O. Drawer "G", Cortez, Colorado 81321 has requested administrative approval from the Division to convert the wells mentioned below to water injection wells as follows:
 McELMO CREEK UNIT
 K-20, Sec. 7, T41S, R25E
 M-20, Sec. 7, T41S, R25E
 N-18, Sec. 7, T41S, R25E
 K-22, Sec. 18, T41S, R25E
 L-23, Sec. 18, T41S, R25E
 L-25, Sec. 19, T41S, R25E
 INJECTION INTERVAL: Paradox Formation, Ismay and Desert Creek Members, 5210' to 5466'
 MAXIMUM INJECTION RATE: 1800 BHPD
 MAXIMUM INJECTION PRESSURE: 2000 psi
 This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to: Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.
 DATED this 21st day of May, 1984.
 STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 MARJORIE L. LARSON
 Administrative Assistant
 D-34

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

..... Cause No. UIC-038 -- Application of Superior Oil

..... was published in said newspaper on

..... May 29, 1984

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 20th day of

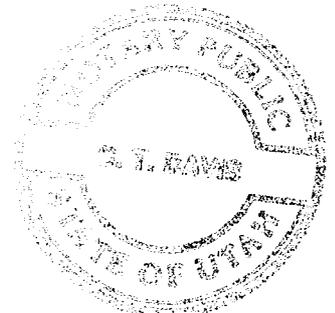
..... June A.D. 19.84.....

B. J. Davis

Notary Public

My Commission Expires

..... March 1, 1988





STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

June 25, 1984

Superior Oil Company
P.O. Drawer "G"
Cortez, Colorado 81321

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-038 - Well Nos. K-20,
M-20, M-18, K-22, L-23, L-25 - Sec. 7, 18, & 19, T41S, R25E, San
Juan County, Utah.

Administrative approval is hereby granted to convert the above
referenced wells to enhanced recovery water injection wells. This
approval is conditional upon full compliance with the UIC rules and
regulations adopted by the Board of Oil, Gas and Mining, and
construction and operation of the wells as outlined in the
application submitted.

If you have any questions concerning this matter, please do not
hesitate to call or write.

Best Regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson".

Dianne R. Nielson
Director

DN/GH/mfp
010

UIC-038

Sent to the following:

Newspaper Agency
San Juan Record

Navajo Indian Tribe
Window Rock, Arizona 85615

Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

U.S. Environmental Protection Agency
1860 Lincoln Street
Attn: Mike Strieby
Denver, Colorado 80295

Utah Dept. of Health
Water Pollution Control
150 W.N. Temple
Salt Lake City, Utah 84114

Superior Oil Company
P.O. Drawer "G"
Cortez, Colorado 81321

Marilyn Roulson
May 22, 1984

INJECTION WELL APPLICATION CHECKLIST

COMPANY Superior
WELL # K-22 LOCATION Sec. 7 18 T. 415 R. 25E
DATE RECEIVED 5/14/84
LEGAL/ADMINISTRATIVE 7
TECHNICAL ADEQUACY _____
PUBLICATION 5-22-84 MP
CARD CHANGE _____
COMPUTER STATUS 1-24-85 MP
APPROVAL STATUS 6/25/84 MP
DENIAL REMARKS: _____

Publication requests in file K-20

#K-22

CHECKLIST FOR INJECTION WELL APPLICATION

- UIC Forms
- Plat
- Surface Owners and Lease Holders
- Schematic Diagram
- Frac Gradient Information
- Pressure and Rate Control
- Fluid Source
- Analysis of Injected Fluid
- Geologic Information
- USDW in the Area
- Analysis of Injected Formation
- Contingency Plans
- Mechanical Integrity Test
- Aquifer Exemption

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

---ooOoo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-038
OF SUPERIOR OIL COMPANY FOR :
ADMINISTRATIVE APPROVAL TO :
INJECT WATER INTO CERTAIN WELLS :
LOCATED IN SECTIONS 7, 18 AND 19 :
TOWNSHIP 41 SOUTH, RANGE 25 EAST :
SAN JUAN COUNTY, UTAH :

---ooOoo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Superior Oil Company, P.O. Drawer "G",
Cortez, Colorado 81321 has requested administrative approval from the
Division to convert the wells mentioned below to water injection wells
as follows:

McELMO CREEK UNIT

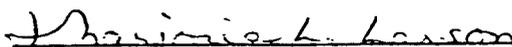
K-20, Sec. 7, T41S, R25E
M-20, Sec. 7, T41S, R25E
M-18, Sec. 7, T41S, R25E
K-22, Sec. 18, T41S, R25E
L-23, Sec. 18, T41S, R25E
L-25, Sec. 19, T41S, R25E

INJECTION INTERVAL: Paradox Formation, Ismay and Desert Creek
Members, 5210' to 5466'
MAXIMUM INJECTION RATE: 2800 BHPD
MAXIMUM INJECTION PRESSURE: 2000 psi

This application will be granted unless objections are filed with
the Division of Oil, Gas and Mining within fifteen days after
publication of this Notice. Objections, if any, should be mailed to:
Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake
City, Utah 84114.

DATED this 21th day of May, 1984.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. LARSON
Administrative Assistant

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instruction
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

RECEIVED

1. OIL WELL GAS WELL OTHER WATER INJECTION

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 and in accordance with any State requirements.
See also space 17 below.)
At surface
1980' FNL, 1810' FWL, Section 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR: 4451'; KB: 4463'

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
McELMO CREEK

8. FARM OR LEASE NAME

9. WELL NO.
#K-22

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 18, T41S, R25E, SLM

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

OCT 01 1984

DIVISION OF OIL
GAS & MINING

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"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Convert to water injection	

(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.)

- 9-13-84: MIRU. RIH w/ sandline drill. KO CIBP at 5190'. RIH w/ scraper & tbg.
- 9-14-84: RIH w/ tbg. POH. RIH w/ Baker permanent pkr, setting tool, & tbg.
- 9-15-84: RU Halliburton. Set pkr at 5117'. RD Halliburton. POH. RIH w/ seal assembly & tbg. Circulated 120 bbls inhibited wtr. Stung into pkr. Pumped 50 bbls wtr, una to fill backside.
- 9-16-84: Shut down for Sunday.
- 9-17-84: Released from pkr. POH.
- 9-18-84: RIH w/ BP, pkr & tbg. Set RBP 4' above pkr. Moved pkr up hole to locate leak. unable to locate leak. Retrieve RBP & POH.
- 9-19-84: RIH w/ seal assembly & tbg. Stung into pkr. Pressure tested backside to 1200 psi Tested OK. POH. RIH w/ seal assembly & PC 2-3/8" tbg. Pumped 100 bbls inhibited fresh wtr down csg. RD BOP's. Stung into pkr. Made up wellhead. RDMO. Waiting on injection line to begin injection.

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

SIGNED David B. Jensen
David B. Jensen

TITLE Engineer

DATE 9-21-84

(This space for Federal or State office use)

APPROVED BY Clem B. Ferguson
CONDITIONS OF APPROVAL, IF ANY:

TITLE Well Manager

DATE 10/4/84

*See Instructions on Reverse Side

orig file
cc R. Firth

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

January 14, 1985

Utah Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

FEB 0 1985

DIVISION OF OIL
GAS & MINING

Attention: Ms. Dianne Nielson, Director

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, ~~Mobil Oil Corporation began acting on behalf of The Superior Oil Companies as service contractor, for the purpose of performing comprehensive business management and related administrative services.~~ To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

PERMITS ONLY

Mobil Oil Corporation
P.O. Box 5444
Denver, Colorado 80217-5444
Attention: R. D. Baker

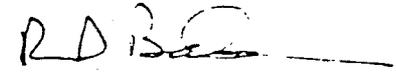
(303) 298-2577

→ RON

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,



R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

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 21 1985
DIVISION OF
OIL, GAS & MINING

RULE 1-7 (d & e)

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

Check Appropriate Classification:

Date of Commencement/Termination 9-27-84

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name McELMO CREEK UNIT K-22

Location: Section 18 Twp. T41S Rng. R15E, County San Juan

Order No. authorizing Injection _____ Date _____

Zone into Which Fluid Injected Desert Creek Zones II + III

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

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 _____

Operator Mobil

Address 600 17th Street, Suite 1500S, Denver, Co. 80202

[Signature]
Signature

1-22-85
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.

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
MAY 16 1986

Attn: R. J. Firth
Associate Director

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
 FOR THE CORTEZ SUPERVISOR AREA
 FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWN	RNG	WELL TYPE	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELKO CREEK	I-23	SAN JUAN	UT	NE	SE	13-41S-24E	INJ OP	43-037-16352	14-20-603-370		96-004190
	I-25	SAN JUAN	UT	NE	NE	24-41S-24E	INJ OP	43-037-16353	14-20-603-370		96-004190
	J-11	SAN JUAN	UT	NW	SW	31-40S-25E	INJ OP	43-037-16354	14-20-603-372		96-004190
	J-13	SAN JUAN	UT	NW	NW	06-41S-25E	INJ OP	43-037-16355	14-20-603-372		96-004190
	J-15	SAN JUAN	UT	NW	SW	06-41S-25E	INJ OP	43-037-15954	14-20-603-372		96-004190
	J-17	SAN JUAN	UT	NW	NW	07-41S-25E	INJ OP	43-037-05595	14-20-603-263		96-004190
	J-19	SAN JUAN	UT	NW	SW	07-41S-25E	INJ OP	43-037-05550	14-20-603-263		96-004190
	J-21	SAN JUAN	UT	NW	NW	18-41S-25E	INJ OP	43-037-06547	14-20-603-263		96-004190
	K-14	SAN JUAN	UT	SE	NW	06-41S-25E	INJ OP	43-037-15956	14-20-603-372		96-004190
	K-18	SAN JUAN	UT	SE	NW	07-41S-25E	INJ OP	43-037-05583	14-20-603-263		96-004190
	K-20	SAN JUAN	UT	SE	SW	07-41S-25E	INJ OP	43-037-15503	14-20-603-263		96-004190
	K-22	SAN JUAN	UT	SE	NW	18-41S-25E	INJ OP	43-037-15504	14-20-603-263		96-004190
	K-22A	SAN JUAN	UT	SE	NW	18-41S-25E	INJ OP	43-037-30490	14-20-603-263		96-004190
	K-24	SAN JUAN	UT	SE	SW	18-41S-25E	INJ OP	43-037-05406	14-20-603-263		96-004190
	L-09	SAN JUAN	UT	NW	NE	31-40S-25E	INJ OP	43-037-16359	14-20-603-372		96-004190
	L-11	SAN JUAN	UT	NW	SE	31-40S-25E	INJ OP	43-037-15958	14-20-603-372		96-004190
	L-13	SAN JUAN	UT	NW	NE	06-41S-25E	INJ OP	43-037-15959	14-20-603-372		96-004190
	L-15	SAN JUAN	UT	NW	SE	06-41S-25E	INJ OP	43-037-15960	14-20-603-372		96-004190
	L-17	SAN JUAN	UT	NW	NE	07-41S-25E	INJ OP	43-037-05613	14-20-603-263		96-004190
	L-19	SAN JUAN	UT	NW	SE	07-41S-25E	INJ OP	43-037-05539	14-20-603-263		96-004190
	L-21	SAN JUAN	UT	NW	NE	18-41S-25E	INJ OP	43-037-05471	14-20-603-263		96-004190
	L-23	SAN JUAN	UT	NE	SE	18-41S-25E	INJ OP	43-037-15507	14-20-603-263		96-004190
	L-25	SAN JUAN	UT	NW	NE	19-41S-25E	INJ OP	43-037-15508	14-20-603-264		96-004190
	M-12	SAN JUAN	UT	SE	SE	31-40S-25E	INJ OP	43-037-15962	14-20-603-372		96-004190
	M-14	SAN JUAN	UT	SE	NE	06-41S-25E	INJ OP	43-037-15963	14-20-603-372		96-004190
	M-16	SAN JUAN	UT	SE	SE	06-41S-25E	INJ OP	43-037-16361	14-20-603-372		96-004190
	M-18	SAN JUAN	UT	SE	NE	07-41S-25E	INJ OP	43-037-15510	14-20-603-263		96-004190
	M-20	SAN JUAN	UT	SE	SE	07-41S-25E	INJ OP	43-037-15511	14-20-603-263		96-004190
	N-07	SAN JUAN	UT	NE	SW	29-40S-25E	INJ OP	43-037-05819	I-149-IND-8839-A		96-004190
	N-09	SAN JUAN	UT	NW	NW	32-40S-25E	INJ OP	43-037-15964	14-20-603-372		96-004190

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

K-22

9. API Well No.

43-037-15504

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

RECEIVED

MAR 16 1993

DIVISION OF
OIL GAS & MINING
(915) 688-2585

1. Type of Well

Oil Well Gas Well Other INJECTION WELL

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P O BOX 633 MIDLAND TX 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FNL, 1810 FWL SEC. 18, T41S, R25E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other CEMENT SQUEEZE
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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 ATTACHMENT

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3-19-93
BY: *Matthew*

MAR 25 1993

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

Signed *Shirley Todd* SHIRLEY TODD

Title ENGINEERING TECHNICIAN

Date 3-11-93

(This space for Federal or State office use)

Approved by *Federal Approval of this*
Conditions of approval, if any: *Action is Necessary*

Title

Date

RECOMMENDED WORK PROCEDURE

RECEIVED

WELL NO. K-22 (Injection Well)
 LEASE McElmo Creek Field
 ANNULAR FLUID Inhibited Produced Fluids
 WORKOVER FLUID Produced Water (or 10 ppg brine)
 WT. (LBS/GAL) 8.6
 HYD. PRESS 2300 psi
 RES. PRESS est 2300 psi
 ZONE Ismay & Desert Creek I, II, & III

MAR 16 1993

DIVISION OF
 OIL GAS & MINING

Special Instructions:

- *Provide two covered tanks for flow back & cmt mix water (400 bbls capacity each). MI two sets of pipe racks, ±5100' 2-7/8" WS, and 48 jts 2-3/8" 8rd EUE tbg (kill string). Ensure EPA has been notified 2 wks prior to any MIT. Utilize Halliburton (Farmington) for cement and cementing tools.
1. ND wellhead CPC equipment.
 2. NU backflow equipment and backflow well to test tank for 3 days prior to moving on well (or until well is static).
 3. MIRU Big A DDPU. NU BOP w/ adaptor flange (as necessary) w/ 2-7/8" pipe and blind rams on 600/900 Series wellhead. Insure BOP is pressure certified and tested to 3000 psi WP and 5000 psi MP. Use new gasket and all 12 bolts. RU Cyclone tong services w/ 360 degree full radius grip tongs w/ backup.
 4. Insure casing annulus and tubing is full of produced water (or 10 ppg brine as necessary) and pull > 3500 lbs over string weight to unset HD pkrs. POOH w/ 1 jt 2-7/8" cmt lined tbg, 8' & 6' tbg subs, ±156 jts 2-7/8" cmt lined tbg, 2-7/8"x 2-3/8" 316SS X-Over, 2-3/8" Guiberson XL O/F tool w/ 1.781" 'F' profile, 2-3/8"x 5-1/2" Uni-Pkr VII HD pkr, 6 jts 2-3/8" Cmt Lined/Nap-Wrap tbg, 2-3/8"x 5-1/2" Uni-Pkr VII HD pkr, 2-3/8" 316SS Profile Nipple w/ 1.437" 'R' profile, 2-3/8"x 4' FG lined sub, and WL Re-entry Guide. Install thread protectors & LD tbg. Visually inspect pipe & lay aside joints w/ bubbled or chipped IPC and deformed pins/collars. RD Cyclone tongs. Send pkrs and O/F tool to Guiberson for redress and storage.
 5. PU & GIH w/ CICR on 2-7/8" WS. Set CICR @ 5050'. Sting open E2 Drill CICR. Establish injection rate (>1.0 BPM) with produced water. Cease injection.
 6. RU Halliburton's cmt truck and crew. If injection rate is ≥1.0 BPM, squeeze w/ 300 sxs cmt w/ additives @ ±2 BPM. During sqz, begin hesitation at 500 psi and hesitate as necessary to obtain a final sqz pressure of 1500 psi. Sting out of CICR and

MAR 25 1993

dump 20' cmt on top of CICR. PUH w/ 2-7/8" WS to 4900'.
NOTE: If sqz is not obtained, overflush w/ 7 bbls water, sting
out of CICR (clear cmt top), SD WOC 24 hrs, sting into CICR and
repeat sqz w/ 100 sxs additional cmt. RDMO cmt crew.

CMT w/ ADDITIVES

RECEIVED

MAR 10 1993

Type	Class G
Yield	1.15 cu-ft/sx
Slurry Weight	15.8 ppg
Pump Time	±3 hours
Fluid Loss	300-400 cc/30 min
Additives (per sx)	0.5% HALAD 344 0.5% CFR-3

DIVISION OF
OIL GAS & MINING

NOTE: Halliburton has 150 sxs Class G w/ 0.5% CFR-3 at
Farmington yard which was previously purchased for MCU
G-19, but was not used. Additional HALAD 344 must be
purchased/added as well as the additional 150 sxs to
complete the job (by cmt spec's above). Please review
field tickets, insuring "no charge" on first 150 sxs.

7. Circulate csg annulus full of inhibited pkr fluid (±111 bbls).
POOH & LD 2-7/8" WS. PU & GIH w/ 48 jts 2-3/8" 8rd EUE tbg (for
kill string). Fill hole to surface w/ inhibited pkr fluid
(±9 bbls additional fluid). Tie onto tbg w/ pump truck &
pressure test tbg/csg to 1000 psi for 30 minutes. Obtain
pressure chart for file (note: 1000 psi must fall within 30-70%
of the range on the pressure chart).

**** NOTIFY EPA IN FARMINGTON, NM., PRIOR TO CONDUCTING MIT ****
EPA representative: Ken Lingo.

8. ND BOP. RDMO DDFU. Secure wellhead for TA.

GLM - 9 FEB 1993

MAR 25 1993

**McRino Creek Unit K-22
Present Schematic**

KB: 4463'
GL: 4451'
Z: 12' AGL

RECEIVED

MAR 16 1993

DIVISION OF
OIL GAS & MINING

8-5/8" 24# J-55
ST&C Cog

1339'

Equipment Detail

- 157 jts 2-7/8" IPC tbg. (w/ subs)
- 2-7/8" x 2-3/8" 316SS X-Over
- 2-3/8" Guberson XL O/F tool
w/ 1.781" F' profile
- 2-3/8" x 5-1/2" Uni-Ptr-VII HD
- 6 jts 2-3/8" Cam/Nap-Wrap tbg.
- 2-3/8" x 5-1/2" Uni-Ptr-VII HD
- 2-3/8" 316SS Profile-Nipple
w/ 1.437" R' profile
- 2-3/8" x 4' FG lined sub.
- WL Re-entry Guide

PERFS

- Ismy 5132'-5140' ==
- Ismy 5144'-5150' ==
- Ismy 5172'-5180' ==
- DC IA 5201'-5221' ==
- DC IB 5244'-5254' ==

Ptr @ 5063'

- ZONE N 5272'-5278' ==
- DC II 5284'-5328' ==
- DC II 5340'-5350' ==
- DC III 5359'-5362' ==

Ptr @ 5254'

5-1/2" 14# J-55 ST&C Cog
Cmt'd w/ 275 ex
50/50 POZMIX w/ 2% Gel

PSTD 5396'

TD 5433'

GL Mandenhall
9 Feb 1993

MAR 25 1993

**McKinnon Creek Unit K-22
Proposed Schematic - TA**

KB: 4463'
GL: 4451'
Z: 12' AGL

RECEIVED

MAR 16 1993

DIVISION OF
OIL GAS & MINING

8-5/8" 24# J-55
ST&C Cag

1339'

Equipment Detail

48 Jts 2-3/8" 8rd EUE tbg
(for KW String)

Cmt Cap. @ 5030'
CICR @ 5060'

PERES

- Insay 5132'-5140'
- Insay 5144'-5160'
- Insay 5172'-5180'
- DC IA 5201'-5221'
- DC IB 5244'-5254'
- ZONE N 5272'-5278'
- DC II 5284'-5328'
- DC II 5340'-5350'
- DC III 5368'-5382'

5-1/2" 14# J-55 ST&C Cag
Cmt'd w/ 275 ax
50/50 POZMDX w/ 2% Gel

PSTD 5396'

TD 5433'

GL. Mendenhall
9 Feb 1993

MAR 25 1993

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
14-20-603-263

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

8. Well Name and No.
K-22

9. API Well No.
43-037-15504

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other INJECTION WELL

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P O BOX 633 MIDLAND TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FNL, 1810 FWL SEC. 18, T41S, R25E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other CEMENT SQUEEZE
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)*

3-30-93 RU NU BOP. REL PKR AND TBG.

4-31-93 TIH W/WORKSTRING. PUMP 300 SXS CL G CMT + 0.5% HALAD-344 + 0.5% CFR-3 DISPLACE W/36.5 BBLs WATER. REVERSE CIRC WELL CLEAN

4-1-93 PUMP 20 BBLs WTR TO ESTABLISH INJ RATE, PUMP 10 BBL 10% CACL WTR, 5 BBL FLUSH, 10 BBL FLOCHECK, 5 BBL FLUSH, PUMP 100SXS G CMT + .5# FLOCELE+.5# HALAD-344+10# GILSONITE SX. DISPLACE HOLE W/INHIBITED FLUID. POH W/WORKSTRING.

4-2-93 RIH W/2 7/8 TBG. LOAD HOLW W/INHIBITED FLUID, PERFORM MIT TEST TO 1000 PSI/30 MIN./OK DMO.

RECEIVED

APR 12 1993

DIVISION OF
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD

Title ENGINEERING TECHNICIAN

Date 4-8-93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
14-20-603-263

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

1. Type of Well

Oil Well Gas Well Other INJECTION WELL

8. Well Name and No.
K-22

2. Name of Operator

MOBIL OIL CORPORATION

9. API Well No.

43-037-15504

3. Address and Telephone No.

P O BOX 633 MIDLAND, TX 79702

(915) 688-2585

10. Field and Pool, or Exploratory Area
GREATER ANETH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL 1810' FWL SEC. 18, T41S, R25E

11. County or Parish, State

SAN JUAN, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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 ATTACHED P&A PROCEDURE

RECEIVED

OCT 18 1993

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DIVISION OF
OIL, GAS & MINING

DATE:

10-19-93

BY:

JM Matthews

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

Signed

Shirley Todd

SHIRLEY TODD

Title ENV. & REG. TECHNICIAN

Date 9-12-93

(This space for Federal or State office use)

Approved by

Federal Approval of this

Title

Date

Conditions of approval, if any: *Action is Necessary*

McElmo Creek Unit K-22
Uneconomical Well
REVISED
PLUG AND ABANDONMENT PROCEDURE

NOTE: Any revisions to the following procedure are subject to Mobil and BLM approval.

1. Notify Mark Kelley with the Bureau of Land Management at 505/599-8900 and Jim Walker with the Navajo EPA at 505/368-4125 at least 48 hours prior to plugging the well. Document date/time BLM and EPA are notified and also document the date/time that BLM and/or EPA representatives are on location.
2. MI workover rig. Load well with lease water. If well is not dead use 10 ppq brine. NU and PT BOP's. PU 2-7/8" workstring and x-over to 2-3/8" tubing in hole. RIH to top of cement retainer at 5050'. Spot 11 cu ft (75') of class B 15.6 ppq neat cement on top of cement retainer. Pull out of cement and reverse out hole to 9 ppq fresh water mud having a minimum viscosity of 50 sec/cst containing a minimum of 15 lbs/bbl of sodium bentonite and a nonfermenting polymer. NOTE: If well is taking fluid, cement plug will need to be tagged.
3. PU to 4325' and spot 28 cu ft of class B 15.6 ppq neat cement from 4325'-4125'. Pull out of cement plug at less than 30 ft/min. WOC.
4. Tag top of cement plug with workstring. Cement top must be above 4175'. Spot additional cement as necessary. POH laying down all but 1370' of workstring.
5. RU wireline. RIH with 4" perforating gun loaded with deep penetrating charges at 4 SPF and perforate 1416'-1420'. POH.

6. RIH with cement retainer on workstring and set at 1370' (Wireline set cement retainer optional). PT backside to 200 psi and monitor. Establish injection rate of 1-2 BPM using 9 ppg mud taking returns on 5-1/2" casing annulus. Mix and pump 558 cu ft of class B 15.6 ppg neat cement (includes 100 percent excess as required by BLM) and displace cement to cement retainer. Note: If get good uncontaminated cement returns, the pumping of cement can be discontinued. Pull out of cement retainer and reverse out with 9 ppg mud. POH and lay down drag block setting tool. RIH with workstring (2-3/8" CSH tailpipe optional) to top of cement retainer at 1370'. Fill hole with class B 15.6 ppg neat cement in 400' stages, laying down workstring while POH. Calculated volume required to fill hole is 188 cu ft.
7. If top of casing strings are above ground level, cut off casing strings at ground level. Top off all casing annuli with cement. Use 1" soapetti string if necessary to spot cement. Weld on a 1/4" steel plate having a 1/4" weep hole. Steel plate should cover all casing strings and have the following information welded or stamped on the top of the plate:

Mobil E&P U.S., Inc.
McElmo Creek Unit #K-22
Navajo Tribal Lease
14-20-0603-263
1980' FNL, 1810' FWL
Sec. 18 - T41S - R25E
San Juan Co., Utah

8. RDMO workover rig. Haul off salvaged equipment and clean location. Notify Shirley Todd with Mobil at 918/688-2585 when work is completed so that a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5) can be filed with the Bureau of Land Management.

Mobil Operations Engineer: Sean S. Murphy
Office Phone: 303/565-2208
Home Phone: 303/564-9423

ENGINEERS CALCULATION SHEET

McElmo Creek Unit # K-22

API # 43-037-15504

JOB OR AUTH. NO. _____

LOCATION 1980' FNL, 1810' FWL Sec. 18-T41S-R2SE

PAGE _____

SUBJECT Plug and Abandon

DATE 8/OCT/93

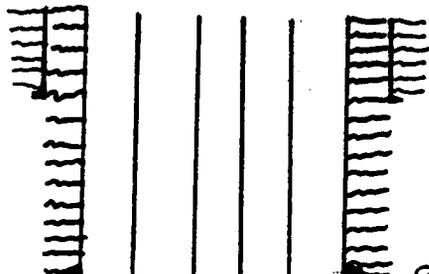
LEASE 14-20-603-263

BY S.S. MURPHY

EXISTING

KB: 4463'

GL: 4451'



13-3/8" 48# H-40 Csg
at 182' cmt'd w/215 sxs
to surface

8-5/8" 24# J-55 Csg
at 1350' cmt'd w/1075 sxs
to surface

Top of Chinle at 1320'

42 jts 2-3/8" 4.7# EUE 8wd
+bg →

TOC at 3845' (Calc.)

Top of Hermosa at 4225'
Top of Ismay at 5050'
Cement Retainer at 5050'
w/20' cmt on top

PERFS (SQZD w/400 sxs)

- 5132' - 5140', 5144' - 5150'
- 5172' - 5180', 5201' - 5221'
- 5244' - 5254', 5272' - 5278'
- 5284' - 5328', 5340' - 5350'
- 5359' - 5382'

7-7/8" hole

PBTD 5050'
TD 5433'

5-1/2" 14# J-55 Csg
at 5432' cmt'd w/275 sxs

McElmo Creek Unit # K-22

API # 43-037-15504

JOB OR AUTH. NO. _____

LOCATION 1980' FNL, 1810' FWL Sec. 18-T415-R25E

PAGE _____

SUBJECT Plug and Abandon

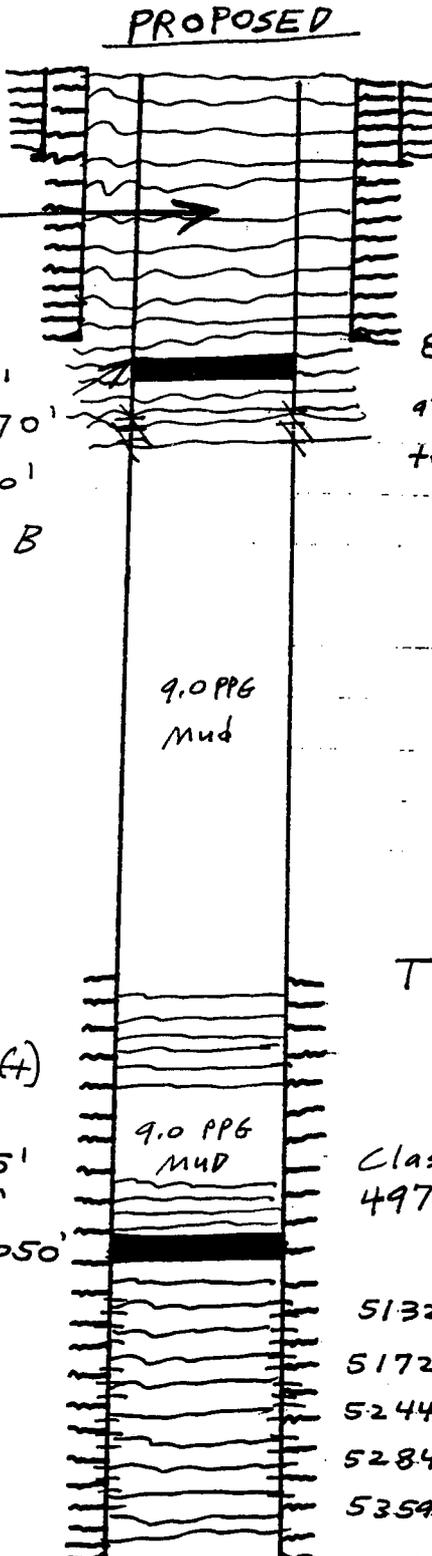
DATE 8/OCT/93

LEASE 14-20-603-263

BY S.S. MURPHY

KB: 4463'
 GL: 4451'
 Class B
 Cement Plug
 0-1370' (188 cu ft)

Top of Chinle at 1320'
 Cement Retainer at 1370'
 Perfs at 1416'-1420'
 5Ø20 w/558 cu ft class B
 cement



13-3/8" 48# H-40 Csg
 at 182' cont'd w/215 sxs
 to surface

8-5/8" 24# J-55 Csg
 at 1350' cont'd w/1075 sxs
 to surface

Class B cement Plug
 4125' - 4325' (28 cu ft)

Top of Hermosa at 4225'
 Top of Ismay at 5050'
 Cement Retainer at 5050'

TOC at 3845' (Calc.)

Class B cement Plug
 4975' - 5050' (11 cu ft)
PERFS (5Ø20 w/400 sxs)

5132' - 5140', 5144' - 5150'
 5172' - 5180', 5201' - 5221'
 5244' - 5254', 5272' - 5278'
 5284' - 5328', 5340' - 5350'
 5359' - 5382'

7-7/8" hole

5-1/2" 14# J-55 Csg
 at 5432' cont'd w/275 sxs

PBTD 5050'
 TD 5433'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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14-20-603-263

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MCELMO CREEK UNIT

8. Well Name and No.
K-22

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43-037-15504

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other **INJECTION WELL**
2. Name of Operator
MOBIL OIL CORPORATION
3. Address and Telephone No.
P O BOX 633 MIDLAND, TX 79702 (915) 688-2585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FNL, 1810 FWL SEC. 18, T41S, R25E

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11-01-93 MIRU NOTIFIED RON SNOW/BLM & JIM WALKER/NAVAJO EPA. RON SNOW ON LOCATION. MIRU TAG CEMENT RETAINER.

11-02-93 RON SNOW/BLM, GARY YELLOWHAIR, AND JIM WALKER/NAVAJO EPA ON LOCATION. TAG CMT RET. AT 5030'. SPOT 11 CU FT(75') CL B CMT (15.6 LB/GAL 1.18 YIELD). SPOT 28 CU FT CL B CMT. PLUG AT 5030 . CMT COVERED 4325-4125.

11-03-93 ON LOCATION RON SNOW/BLM, JIM WALKER & GARY YELLOWHAIR W/NAVAJO EPA. PERF FROM 1416-1420. ST RET. AT 1329. CMT ANN. TO SURF W/265 SX CL B CMT (1.18 YIELD 15.6 LB.) CMT TO SURF IN 400' STAGES W/ 163 X CL B.RDMO.

RECEIVED
NOV 11 1993
ENVIRONMENTAL
REGISTRATION DIVISION

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

Signed Shirley Todd **SHIRLEY TODD** Title ENV. & REG. TECHNICIAN Date 11-30-93

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.