

FILE NOTATIONS

Entered in NID File

Checked by Chief

Entered On S R Sheet

Copy NID to Field Office

Location Map Pinned

Approval Letter

Card Indexed

Disapproval Letter

IWR for State or Fee Land

COMPLETION DATA: 12-6-59

Date Well Completed

~~_____~~

Location Inspected

OW

WW _____

TA _____

Bond released

GW _____

OS _____

PA _____

State of Fee Land

LOGS FILED

Driller's Log

3/7/60

Electric Logs (No.)

4

E _____

L _____

E-I

GR _____

GR-N

Micro

Lat. _____

Mi-L _____

Sonic _____

Others

2 Sim

Radioactive

C

11-22-74 well temporarily abandoned

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal
Lease No. 14-20-603-5449

SLATE

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)

Cortez, Colorado October 21, 1959

Navajo "D"

Well No. 1 is located 660 ft. from N line and 1030 ft. from E line of sec. 11

SW, SE, Sec. 11

41S

24E

31M

(¼ Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

White Mesa

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

ungraded ground

The elevation of the ~~driveway~~ above sea level is 4528.0 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)

Drill 17-1/2" hole to approximately 160', set 160' of 13-3/8" conductor pipe and cement to surface. Drill 11" hole to approximately 1600', set 8-3/8" casing and cement to surface. 11" hole to total depth of approximately 5600', run 5-1/2" casing and approximately 290 sacks cement.
Complete in Desert Creek Fm

Lease Number

+

Location

*Phillips
1957*

I understand that this plan of work must receive approval

of the Bureau of Land Management before operations may be commenced.

Company Phillips Petroleum Company

Address P.O. Drawer 1190

Cortez, Colorado

By C. M. Balce

Title District Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-5449

State

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)

Cortez, Colorado October 21, 1959

Navajo "D"

Well No. 1 is located 660 ft. from N line and 1430 ft. from E line of sec. 11

SW, SE, Sec. 11
($\frac{1}{4}$ Sec. and Sec. No.)

41S 24E
(Twp.) (Range)

51M
(Meridian)

White Mesa
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

ungraded ground

The elevation of the ~~datum~~ above sea level is 4526.0 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)

Drill 17-1/2" hole to approximately 160', set 160' of 13-5/8" conductor pipe and cement to surface. Drill 11" hole to approximately 1600', set 8-5/8" casing and cement to surface. Drill 7-7/8" hole to total depth of approximately 5600', run 5-1/2" casing and cement with approximately 250 sacks cement. Complete in Desert Creek Formation.

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

Company Phillips Petroleum Company

Address P.O. Drawer 1190

Cortez, Colorado

By C. M. Dale

Title

District Superintendent

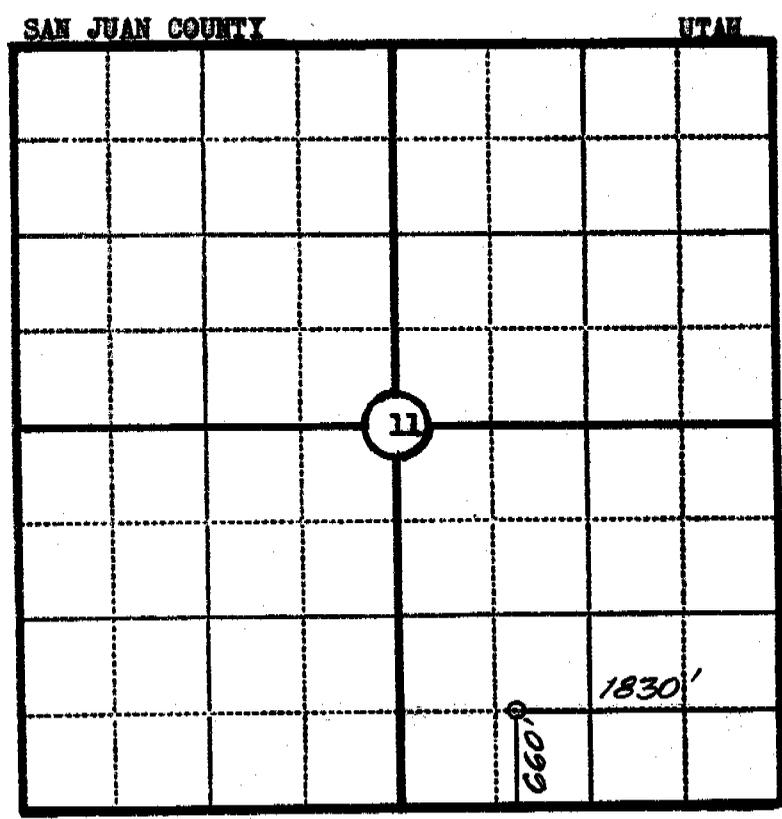
Company PHILLIPS PETROLEUM COMPANY

Lease Navajo "D" Well No. 1

Sec. 11, T. 41 S., R. 24 E., S.L.M.

Location 660' FROM THE SOUTH LINE AND 1830' FROM THE EAST LINE.

Elevation 4528.0 UNGRADED GROUND.



Scale—4 inches equal 1 mile

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

Seal: *James P. Leese*
Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

Surveyed 15 September, 19 59

13

October 23, 1959

Phillips Petroleum Company
P. O. Drawer 1150
Cortez, Colorado

Attention: Mr. C. M. Boles,
District Superintendent

Gentlemen:

This is to acknowledge receipt of your notices of intention to drill Well No. Navajo D-1, which is to be located 660 feet from the south line and 1830 feet from the east line of Section 11, and Well No. Navajo E-1, which is to be located 2060 feet from the south line and 1900 feet from the west line of Section 11, Township 41 South, Range 24 East, S1EM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill the above mentioned wells is hereby granted.

This approval terminates within 90 days if the wells are not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON E. FEIGHT
EXECUTIVE SECRETARY

CEW:so

cc: P. T. McGrath, Dist. Eng.
U. S. Geological Survey
Farmington, New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R714.4.
Approval expires 12-31-60.

ALLOTTEE Tribal
TRIBE Navajo
LEASE NO. 14-20-603-5449

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field White Mesa

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1959,

Agent's address P.O. Drawer 1150 Company Phillips Petroleum
Cortez, Colorado Signed C. H. Miles

Phone Logan 5-3426 Agent's title District Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NAVAJO "D" LEASE										
SW SE 11	41S	24E	1							Location

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Tribal
TRIBE Navajo
LEASE NO. 14-20-603-5449

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field White Mesa

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1959.

Agent's address P. O. Drawer 1150 Company Phillips Petroleum

Cortez, Colorado Signed G. M. Boles

Phone Logan 5-3426 Agent's title District Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NAVAJO "D" LEASE										
SW SW 11	41S	24E	1							PB 5520 completing

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

SCHLUMBERGER WELL SURVEYING CORPORATION

"Electrical Well Logging"

HOUSTON, TEXAS

PLEASE REPLY TO
SCHLUMBERGER WELL SURVEYING CORPORATION
CORTEZ, COLORADO

29 December 1959

Phillips Petroleum Company
P. O. Drawer 1150
Cortez, Colorado

Attention: Mr. C. M. Boles

Gentlemen:

Reference: Your Navajo "d" # 1
Sec 11-41S-24E
San Juan Co., Utah

Mr. Stiehler of your office has brought to our attention the fact that the GammaRay curve recorded on the subject well is slightly off depth.

We have checked this equipment and find that because of inaccurate memorizer tape length, the GammaRay curve should be shifted down-hole one foot and five inches (1'-5"). The Neutron curve is recorded at the correct depth.

We have made the adjustments necessary to insure against this repeating on future surveys.

Yours truly,

SCHLUMBERGER WELL SURVEYING CORPORATION


G. F. Chambliss, Manager
Cortez, Colorado District

GFC:br

cc: Phillips Petroleum Company
Bartlesville, Oklahoma

Phillips Petroleum Company
P. O. Box 3133
Durango, Colorado

The Superior Oil Company
309 Simms Building
Albuquerque, N. M.

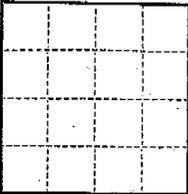
(SUBMIT IN TRIPPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-3449



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
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)

Cortez, Colorado January 25, 19 60

Navajo "B"

Well No. 1 is located 660 ft. from 1111 line and 1200 ft. from E line of sec. 11

SW SE Sec. 11 11S 24E 51N
(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 ungraded ground above sea level is 4524.0 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)

Spudded 8:30 P.M. 11-3-59. Drilled 17-1/4" hole to 177'. Set and cemented 4 jts. 15-3/8" OD 27.1# Armo SW SJ casing with Morse T.P. Guide Shoe at 177' with 175 cu. cement, 25 Calcium Chloride. Pumped plug to 145' at 3:00 P.M. 11-3-59. Cement circulated.

Drilled 11" hole to 1299'. Set and cemented 43 jts. 8-5/8" OD 24# J-55 STC casing with 850 cu. regular cement, 200# T&T Plug, 200# Fluoroc, 2000# Calcium Chloride. Pumped plug to 1299' at 6:35 P.M. 11-3-59. Cement did not circulate. Documented to surface down annulus with 35 cu. regular cement, 25 Calcium Chloride. W.O.C. 24 hours. Tested casing to 1290# for 30 minutes - O.K.

(Continued on back)

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

Company Phillips Petroleum Company

Address Box 1150
Cortez, Colorado

By C. H. Boies
Title District Superintendent

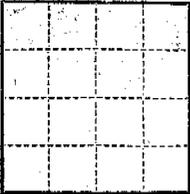
Drilled 7-7/8" hole to 5545' at 11:30 A.M. 11-25-59. Ran Schlumberger
ES Induction, Gamma Ray Neutron and Micro logs to 5545'. Set and
cemented 177 jts. 5-1/2" OD 144 casing with Bector fill collar and
guide shoe at 5543.41' with 132 cu. regular cement, 100 cu. Discal "D",
494 Calcium Chloride. Pumped plug to 5538' with 1500# maximum pressure
at 10:00 A.M. 11-26-59. W.O.G. 24 hours. Tested casing to 1200# for
30 minutes and held O.K.

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal
Lease No. 14-20-603-5449



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

Cortez, Colorado January 25, 1960

Navajo #3

Well No. 1 is located 660 ft. from N line and 1090 ft. from E line of sec. 11

SW SE Sec. 11

41S

24E

31M

(¼ Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

White Mesa

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the ungraded ground above sea level is 4325.0 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)

Picked up 2-7/8" tubing, checked PWTB at 5920'. Pulled tubing. Ran Western Co. Gamma-Ray Callar Locator log to 5915'. Perforated 5-1/2" casing from 5452-60' with 4 jet shots per foot using HL and EL measurements. Ran 110 jts. 2-7/8" OD EUE J-55 tubing with Baker HNJ hookmill packer. Tubing set at 5911.98'. Moved out rotary. Moved in Well Service Unit. Acidized casing perforations 5452-60' with 600 gallons 15% regular acid 11-30-59. Maximum pressure 4200#, minimum pressure 3900#. Fracturing rate 1 MPH. S.I. 5 minutes 1100 to 3000#. Stabbed 10 hours, recovered 11-1/2 HP, 90% acid water. Perforated 5-1/2" casing (Loney Zone) 5265-64, 5315-23, 5326-44 and Desert Creek Zone 5371-91 and 5400-5407 with 4 jet shots per foot HL and EL measurements. Ran tubing, set Baker Retrivable bridge plug at 5420 to isolate casing perforations at 5452-60. Set Baker HNJ hookmill packer at 5930'. Attempted to acidize Desert Creek perforations 5371-91 and 5400-07 with 9000 gallons regular 15% acid. Maximum pressure 4200#, Minimum 3900#, with 1092 gallons acid in formation and pumping 1 MPH at 3900#, had rapid increase in

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

back) Company Phillips Petroleum Company

Address P. O. Drawer 1150

Cortez, Colorado

By C. H. Sales

Title District Superintendent

casing pressure. Reversed out acid, pulled tubing and packer. Found tubing O.K. Shear ring in packer had sheared. Reran tubing with redressed Baker HJ hookmill packer. Set packer at 5353'. Spotted 2000 gallons acid and attempted to acidize Desert Creek perforations 5371-91 and 5400-07'. Had communication between tubing and annulus. Pulled up and set packer at 5329'. Tubing and casing isolated with packer above all perforations. Concluded that Inmy and Desert Creek zones communicated behind casing and unable to treat and test selectively. Displaced 2000 gallons regular acid from tubing into Inmy perforations 5260-44', 5318-23', 5326-44' and Desert Creek perforations 5371-91' and 5400-07' with 3200' maximum pressure. 2 minute shut in pressure 2400'. Flowed and matted 3 hours, recovered 73 barrels oil and acid water.

Acidized Inmy perforations 5260-44', 5318-23 and 5326-44' and Desert Creek Zone perforations 5371-91 and 5400-07' with 2000 gallons regular 15% acid in 2 stages as follows: 2000 gallons acid followed with 200 gallons temporary block, followed with 2500 gallons acid. Maximum pressure 3000', minimum pressure 2700'. 900' increase when block hit formation. Treating rate 5 BPM. Flush rate 4 BPM. 5 minute SI pressure 2700-1500'.

12/6/59 - Flowed 372 BO, no water in 8 hours through 2" choke, FTP 100'.

Test 12/31/59: Flowed 264 BO, 8 BW in 24 hours through 3 1/2" choke. FTP 160'.

GOR 495.

(SUBMIT IN TRIPLICATE)

Navajo

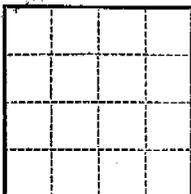
Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Tribal _____

Allottee 14-20-603-5448

Lease No. _____



SUNDRY NOTICES AND REPORTS ON WELLS

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

Cortez, Colorado March 1, 1960

Navajo "E"

Well No. 1 is located 2060 ft. from XXX line and 1980 ft. from XX line of sec. 11

NE SW Sec. 11

41S

24E

SLM

(34 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

White Mesa

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the ~~datum~~ ^{ungraded ground} above sea level is 4442.0 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)

Spudded 10:00 A.M. 11-6-59. Drilled 12-1/4" hole to 187'. Reamed 12-1/4" to 17-1/4" hole to 182'. Set and cemented 4 jts. 13-9/8" OD 27.1# Armo SW SJ casing at 174.60' with 175 sx. regular cement, 2% Calcium Chloride. Pumped plug to 155' at 3:25 P.M. 11-7-59. Cement circulated.

Drilled 11" hole to 1227'. Ran Schlumberger Sonic Log to 1225'. Set and cemented 41 jts. 8-5/8" OD 24# J-55 8rd casing at 1224.32' with 1000 sx. regular cement, 330# Tuff Plug, 165# Floccle, 564# Calcium Chloride. Pumped plug to 202'. Hole bridged, could not pump plug below 202'. Had trace of cement returns before hole bridged. Cemented to surface down annulus with 14 sx. regular cement, 4% Calcium Chloride. W.O.C. 24 hours. Tested casing with 1000# for 30 minutes - O.K.
(Continued on back side)

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

Company Phillips Petroleum

Address P. O. Drawer 1150

Cortez, Colorado

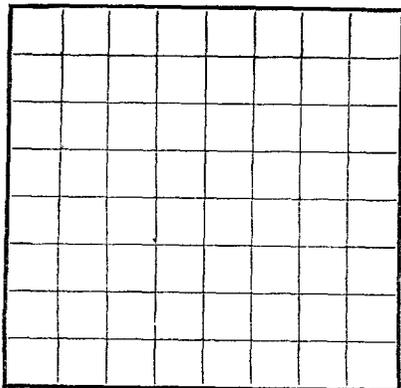
By [Signature]
C. H. Boles
District Superintendent

Title _____

Drilled 7-7/8" hole to 5280'. Cored from 5280-5304', 5304-64', 5364-5424'.
Seamed core hole to 7-7/8" and drilled 7-7/8" hole to 5457'. Ran Schlumberger
Induction Electric Micro-Caliper and Gamma-Ray-Neutron logs to 5457'. Ran
Velocity Survey. Ran Schlumberger sonic log to 5457'. Drilled 7-7/8" hole to
5472' at 12:15 P.M. 12-2-59. Set and cemented 1 jt. 5-1/2" OD 15.5# J-55
8 rd thd, 175 jts. 5-1/2" OD 14# J-55, 8 rd thd casing at 5472.52' with 132 ex.
regular cement, 100 ex. Diaseal "D", 496# Calcium Chloride. Pumped plug to
5448' with 1500# maximum pressure at 11:45 PM 12-2-59. W.O.C. 24 hours.
Tested casing to 1290# for 30 minutes - O.K.

MAR 7 1960

U. S. LAND OFFICE Navajo
SERIAL NUMBER 14-20-603-5449
LEASE OR PERMIT TO PROSPECT Tribal



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Address Box 1150, Cortez, Colorado
Lessor or Tract Navajo "D" Field White Mesa State Utah
Well No. 1 Sec. 11 T. 41S R. 24E Meridian S1M County San Juan
Location 660 ft. N. of S. Line and 1830 ft. EXX of W. of E Line of Section 11 Elevation 4535.90
(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]

Date March 1, 1960 Title District Superintendent

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

Commenced drilling November 2, 1959 Finished drilling November 25, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

IMPORTANT WATER SANDS

In all sands above 1300' and 2450 to 2615
No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
13-3/8	117	8-rd	J-55	5572	Halliburton	5326	5326	Oil Prod.	
8-5/8	1299	8-rd	J-55	5572	Hector	5318	5323	" "	
5-1/2	5543	8-rd	J-55	5572	Hector	5326	5344	" "	
						5371	5391	" "	
						5400	5407	" "	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	177	175	Circulated		
8-5/8	1299	800 cu ft	Did not circulate-recemented to surface down annulus with 35-sx. cement, 2% Calcium Chloride		
5-1/2	5543	500 cu ft	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD

5-1/2 5543 500 cu ft

Halliburton

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

DATES

Put to producing _____, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
 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
 Moran, Iron, Joe, _____, Driller
 _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2205	2266	61	Shinarump
2266	2398	132	Moenkopi
2398	2450	52	Cutler - Hoskinini Equivalent
2450	2615	165	Cutler - DeChelly
2615	4377	1762	Cutler - Organ Rock
4377	5201	824	Monaker Trail
5201	5364	163	Ismay Zone - Paradox
5364	5545	181	Desert Creek Zone - Paradox

FORMATION RECORD—CONTINUED

HISTORY OF OIL OR GAS WELL

FORMATION RECORD - Continued

IP - 45031-4

FROM-	TO-	TOTAL FEET	FORMATION
Spudded 8:30 P.M. 11-2-59. Drilled 17-1/4" hole to 177'. Set and cemented 4 jts. 13-3/8" OD 27.1# Arco SW SJ casing with Howco T.P. guide shoe at 177' with 175 sx. cement, 2% Calcium Chloride. Pumped plug to 145' at 5:00 P.M. 11-3-59. Cement circulated.			
Drilled 11" hole to 1299'. Set and cemented 43 jts. 8-5/8" OD 24# J-55 ST&C casing with 850 sx. regular cement, 300# Tuff Plug, 200# Floccle, 1700# Calcium Chloride. Pumped plug to 1269' at 6:35 P.M. 11-5-59. Cement did not circulate. Recemented to surface down annulus with 35 sx. regular cement, 2% Calcium Chloride. W.O.C. 24 hours. Tested casing to 1250# for 30 minutes - O.K.			
Drilled 7-7/8" hole to 5545' at 11:30 A.M. 11-25-59. Ran Schlumberger ES Induction Gamma Ray Neutron and Micro logs to 5545'. Set and cemented 177 jts. 5-1/2" OD 14# casing with Hector fill collar and guide shoe at 5543.41' with 132 sx. regular cement, 100 sx. Diacel "D", 496# Calcium Chloride. Pumped plug to 5520' with 1500# maximum pressure at 10:00 A.M. 11-26-59. W.O.C. 24 hours. Tested casing to 1200# for 30 minutes and held O.K.			
Picked up 2-7/8" tubing, checked PBTD at 5520'. Pulled tubing. Ran Western Co. Gamma-Ray Collar locator log to 5518'. Perforated 5-1/2" casing from 5452-60' with 4 jet shots per foot using EL and RL measurements. Ran 110 jts. 2-7/8" OD EUE J-55 tubing with Baker EGJ hookwall packer. Tubing set at 5511.58'. Moved out rotary. Moved in well service unit. Acidized casing perforations 5452-60' with 800 gallons 15% regular acid 11-30-59. Maximum pressure 4200#, minimum pressure 3800#. Treating rate 1 BPM. Shut in 5 minutes 4100 to 3800#. Swabbed 10 hours, recovered 11-1/2 BF, 90% acid water. Perforated 5-1/2" casing (Ismay zone) 5260-64, 5318-23, 5326-44 and Desert Creek zone 5371-91 and 5400-5407 with 4 jet shots per foot EL and RL measurements. Ran tubing, set Baker retrievable bridge plug at 5428' to isolate casing perforations 5452-60. Set Baker EGJ hookwall packer at 5350'. Attempted to acidize Desert Creek perforations 5371-91 and 5400-07 with 3000 gallons regular 15% acid. Maximum pressure 4200#. Minimum 3900#. With 1092 gallons acid in formation and pumping 1 BPM at 3900#, had rapid increase in casing pressure. Reversed out acid, pulled tubing and packer. Found tubing O.K. Shear ring in packer had sheared. Ran tubing with redressed Baker EGJ hookwall packer. Set packer at 5353'. Spotted 2000 gallons acid and attempted to acidize Desert Creek perforations 5371-91 and 5400-07. Had communication between tubing and annulus. Pulled up and set packer at 5229'. Tubing and casing isolated with packer above all perforations. Concluded that Ismay and Desert Creek zones communicated behind casing and unable to treat and test selectively. Displaced 2000 gallons regular acid from tubing into Ismay perforations 5260-64', 5318-23', 5326-44' and Desert Creek perforations 5371-91' and 5400-07' with 3200# maximum pressure, 20 minute shut in pressure 2400#. Flowed and swabbed 3 hours, recovered 73 barrels oil and acid water.			
Acidized Ismay perforations 5260-64', 5318-23 and 5326-44' and Desert Creek zone perforations 5371-91 and 5400-07' with 5000 gallons regular 15% acid in 2 stages as follows: 2500 gallons acid followed with 2500 gallons temporary block, followed with 2500 gallons acid. Maximum pressure 3000#, minimum pressure 2700#. 900# increase when block hit formation. Treating rate 5 BPM. Flush rate 4 BPM. 5 minute shut in pressure 2700-1500#.			
12-30-59: Flowed 372 BO, no water in 8 hours through 2" choke. FTP 100%. Test 12-31-59: Flowed 264 BO, 8 BW in 24 hours through 34/64" choke. FTP 160%. COR 495.			

FORM 45031-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

7 PE JMB
Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5449

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

McElmo Creek Unit #D-20

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

Sec. 11, T41S, R24E SLBM

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

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

At surface

680' FSL, 1834' FEL

14. PERMIT NO.

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

4537' 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.)*

1. Set cement retainer at 5200'.

2. Squeeze all perforations with 154 sacks cement.

This well is presently flowing approximately 135 BHPD. It cannot be shut in due to excess pressure build-up on the wellhead. Squeezing the well at this time will preserve the casing for use at a later date and minimize potential for future wellhead leaks.

Superior
Oil
as
operator
1974
Well
Name?
change

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE NOV 13 1974

BY C.B. Temple

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

SIGNED

J. L. Gallagher

TITLE

Prod. Engineer

DATE

9/17/74

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JLG/nh

copy to: USGS 4, State 2, Franques, Mosley, File

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-11424.

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. 14-20-603-5449	
2. NAME OF OPERATOR The Superior Oil Company		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 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 680' FSL & 1,834' FEL		8. FARM OR LEASE NAME McElmo Creek Unit	
14. PERMIT NO.		9. WELL NO. MCU #D-20	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,537" KB		10. FIELD AND POOL, OR WILDCAT McElmo Creek Field	
		11. SEC., T., R. M., OR BUK. AND SURVEY OR AREA Sec. 11 T41S R24E	
		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 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) <u>Temporarily Abandon</u>	<input checked="" 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.)*

Set cmt retainer @ 5,199'.

Squeezed all perms (5260-64, 5318-23, 5326-44, 5371-91, 5400-07 & 5452-60) w/145 sx class 'B' cmt to 4000 psi.

Displaced 5 sx cmt on top of cmt retainer.

Welded steel plate over casing flange.

Temporarily Abandoned 11/22/74

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

SIGNED D. D. Kingman TITLE District Engineer DATE 12/23/74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: State, USGS, MOSLEY, FRANQUES *See Instructions on Reverse Side
WIO, File



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

April 27, 1982

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

Re: Well No. McElmo Creek Unit #S-21
Sec. 16, T. 41S, R. 25E.
San Juan County, Utah

Well No. McElmo Creek Unit #D-20
Sec. 11, T. 41S, R. 24E.
San Juan County, Utah

Well No. Yellow Rock Point #15-22
Sec. 15, T. 43S, R. 25E.
San Juan County, Utah

Gentlemen:

The above referred to wells have been currently under a temporarily abandoned status for six months or longer. Please inform this office of the current status of these well locations and send in the necessary required papers.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

POOR COPY

**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.)

5. LEASE 14-20-603-5449	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
7. UNIT AGREEMENT NAME McELMO CREEK UNIT	
8. FARM OR LEASE NAME	
9. WELL NO. #D-20	
10. FIELD OR WILDCAT NAME GREATER ANETH	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 11, T41S, R24E	
12. COUNTY OR PARISH SAN JUAN	13. STATE UTAH
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) KB: 4537'	

1. oil well gas well other

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: 660' FSL, 1830' FEL of Section 11
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 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)	<input type="checkbox"/>		<input type="checkbox"/>

(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.)*

SUBJECT: Current status of MCU #D-20.

The subject well was temporarily abandoned on 11-22-74 when it became uneconomical to produce. This well is still temporarily abandoned and is being held for possible future use as an injection well within McElmo Creek Unit.

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

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

SIGNED T. Greg Morrison TITLE Petroleum Engineer DATE 6-14-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

April 22, 1983

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

Re: Well No. Nav. McElmo Crk Unt # D-20
Sec. 11, T. 41S, R. 24E.
San Juan County, Utah

Well No. McElmo Creek # S-21
Sec. 16, T. 41S, R. 25E.
San Juan County, Utah

Gentlemen:

The above referred to wells have been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if they are still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

Thank you for your prompt attention to the above submittal.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf
Enclosure



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Scott M. Matheson, Governor
 Temple A. Reynolds, Executive Director
 Dr. G. A. (Jim) Shirazi, Division Director

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

November 1, 1983

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

Re: Well No. Nav. McElmo Crk Unt # D-20
 680' FSL, 1834' FEL
 SW SE, Sec. 11, T. 41S, R. 24E.
 San Juan County, Utah

Gentlemen:

According to Sundry reports received from your company, this well is now operated by you. We have not received the proper information stating that your company is now operator of this well. If you have resumed operations on this well, it is your responsibility as current operator to submit those changes to this office. Please send in those changes stated on a Sundry Notice OGC-1b (enclosed). If your company has not taken over responsibility of this well, please explain why your office is sending in the reports for this well.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our company.

Thank you for your prompt attention to the above matter.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
 Well Records Specialist

*206-m
 request
 to
 superior
 for
 operator
 change
 1983*

CF/cf
 Enclosures



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

November 1, 1983

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

2nd NOTICE

Re: Well No. Nav. McElmo Crk Unt # D-20
680' FSL, 1834' FEL
SW SE, Sec. 11, T. 41S, R. 24E.
San Juan County, Utah

Well No. McElmo Creek Unit # S-21
582' FNL, 1830' FWL
NE NW, Sec. 16, T. 41S, R. 25E.
San Juan County, Utah

Gentlemen:

The above referred to wells have been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if they are still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

If these wells have been completed as producing, shut-in, injection, gas storage or plugged and abandoned, please submit a Well Completion Form (OGC-3), stating the procedure of the completed operations.

****You are in violation with the above rule. If you wish to continue developing business in the State of Utah, compliance with pertinent rules and regulations is essential. Further delay in your attention to the above matter may result in punitive action. Please submit the required information as stated above within fifteen (15) days.**

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf
Enclosures

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5449

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.

#D-20

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

SECTION 11, T41S, R24E

12. COUNTY OR PARISH 13. STATE

SAN JUAN

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
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

660' FSL, 1830' FEL Section 11

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4537' 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
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

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

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).*

The subject well was temporarily abandoned on 11-22-74 when it became uneconomical to produce. It is still temporarily abandoned, and is being held for possible future use as an injection well within the McElmo Creek Unit.

Superior Oil Company is the operator of this well.



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

SIGNED Robert Denton

TITLE _____

DATE 11/14/83

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

OPERATOR CHANGE

NAME	ACTION CODE(S)	INTL
NORM		<i>2</i>
TAMI	<i>3A</i>	<i>ms</i>
VICKY		
CLAUDIA	<i>1</i>	<i>VC</i>
STEPHANE		
CHARLES		
RULA	<i>2 File not defined Rem</i>	
MARY ALICE		
CONNIE		
MILLIE		
PAM	<i>3B, FILE</i>	

Required Action Code

1. Data Entry
2. Filming
3. Posting
 - a. Card Index
 - b. File Label
 - c. Lists
4. Bonding Verification
5. Other (See Norm)

What makes John think that Mobil is operator? McElmo Unit is under Superior



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

March 7, 1986

TO: Well File Memo
FROM: J.R. Baza *JRB*
RE: McElmo Creek Unit Well No. D-20, Sec.11, T.41S, R.24E,
San Juan County, Utah

This well is properly designated as temporarily abandoned. A Sundry Notice dated December 23, 1974, indicates that a cement retainer was set in the well isolating the perforated interval. The work was performed on November 22, 1974, and no further operations have taken place on the well. An additional Sundry Notice dated November 14, 1983, verifies the originally reported date of temporary abandonment. The well status should remain as TA; however, Mobil Oil Company now operates the well and this should be reflected in Division records.

sb
0265T-28

*operator
change
to
mobil
1986
of
1985*

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

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

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,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

First showing of API No. from mobil 1986 15615

See other well file (B-13)

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

Well Name matches Lease number matches Section does NOT match API ???

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	C-14	SAN JUAN	UT	SE	NW	2-41S-24E	PROD OP	43-037-16265	14-20-603-6509		96-004190
	C-15	SAN JUAN	UT	NE	SW	2-41S-24E	PROD OP	43-037-30384	14-20-603-6508		96-004190
	C-16	SAN JUAN	UT	SE	SW	2-41S-24E	PROD OP	43-037-16266	14-20-603-6508		96-004190
	C-17	SAN JUAN	UT	NE	NW	11-41S-24E	PROD OP	43-037-30385	14-20-603-5448		96-004190
	C-18	SAN JUAN	UT	SE	NW	11-41S-24E	PROD OP	43-037-15702	14-20-603-5448		96-004190
	C-19	SAN JUAN	UT	NE	SW	11-41S-24E	PROD OP	43-037-15703	14-20-603-5448		96-004190
	D-13	SAN JUAN	UT	NW	NE	2-41S-24E	INJ OP	43-037-16267	14-20-603-6510		96-004190
	D-14	SAN JUAN	UT	SW	NE	02-41S-24E	PROD OP	43-037-30386	14-20-603-6510		96-004190
	D-15	SAN JUAN	UT	NW	SE	2-41S-24E	INJ OP	43-037-05656	14-20-0603-6147		96-004190
	D-16	SAN JUAN	UT	SW	SE	02-41S-24E	PROD OP	43-037-30387	14-20-0603-6147		96-004190
	D-17	SAN JUAN	UT	NW	NE	11-41S-24E	INJ OP	43-037-15704	14-20-603-5447		96-004190
	D-18	SAN JUAN	UT	SW	NE	11-41S-24E	PROD OP	43-037-30256	14-20-603-5447		96-004190
	D-20	SAN JUAN	UT	SW	SE	22-41S-24E	PROD TA	43-037-15615	14-20-603-5449		96-004193
	E-13	SAN JUAN	UT	NE	NE	02-41S-24E	PROD OP	43-037-30388	14-20-603-6510		96-004190
	E-14	SAN JUAN	UT	SE	NE	02-41S-24E	PROD OP	43-037-16268	14-20-603-6510		96-004190
	E-15	SAN JUAN	UT	NE	SE	02-41S-24E	PROD OP	43-037-30389	14-20-0603-6147		96-004190
	E-16	SAN JUAN	UT	SE	SE	02-41S-24E	PROD OP	43-037-15616	14-20-0603-6147		96-004190
	E-17	SAN JUAN	UT	NE	NE	11-41S-24E	PROD OP	43-037-30390	14-20-603-4039		96-004190
	E-18	SAN JUAN	UT	SE	NE	11-41S-24E	PROD OP	43-037-15706	14-20-603-5447		96-004190
	E-19	SAN JUAN	UT	NE	SE	11-41S-24E	INJ OP	43-037-16342	14-20-603-5449		96-004190
	E-20	SAN JUAN	UT	SE	SE	11-41S-24E	ORHP	43-037-31057	14-20-603-5449		96-004190
	E-21	SAN JUAN	UT	NE	NE	14-41S-24E	INJ OP	43-037-16343	14-20-603-370		96-004190
	E-23	SAN JUAN	UT	NE	SE	14-41S-24E	INJ OP	43-037-16344	14-20-603-370		96-004190
	F-11	SAN JUAN	UT	NW	SW	36-40S-24E	INJ OP	43-037-05743	14-20-0603-6146		96-004190
	F-12	SAN JUAN	UT	SW	SW	36-40S-24E	PROD OP	43-037-30380	14-20-0603-6146		96-004190
	F-13	SAN JUAN	UT	NW	NW	01-41S-24E	INJ OP	43-037-16345	14-20-603-4032		96-004190
	F-14	SAN JUAN	UT	SW	NW	01-41S-24E	PROD OP	43-037-30255	14-20-603-4032		96-004190
	F-15A	SAN JUAN	UT	NW	SW	1-41S-24E	INJ OP	43-037-31149	14-20-603-4032		96-004190
	F-16	SAN JUAN	UT	SW	SW	01-41S-24E	PROD OP	43-037-30361	14-20-603-4032		96-004190
	F-17	SAN JUAN	UT	NW	NW	12-41S-24E	INJ OP	43-037-15493	14-20-603-4039		96-004190

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Well Gas Well Other:

of Operator
OIL CORPORATION
ss of Operator
DRAWER G, CORREZ, CO. 81321
ion of Well

RECEIVED
JAN 23 1989

DIVISION OF
OIL GAS & MINING

660' FSL, 1830' FEL

5. Lease Designation & Serial No.
6. If Indian, Allottee or Tribe Name
NAVAJO
7. Unit Agreement Name
MCELMO CREEK
8. Farm or Lease Name
9. Well No.
D-20
10. Field and Pool, or Wildcat
GREATER ANETH
11. Sec. T,R,M or BLK and Survey or Area
SEC. 11, T41S, R24E
12. County, Parish 13. State
SAN JUAN UTAH

14. Permit No. 17-33-12145
15. Elevations (DF, RT, GR)
DF:4536', KB:4537'

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/Acidizing <input type="checkbox"/>	Abandonment * <input type="checkbox"/>
Repair Well <input type="checkbox"/>	Change Plans <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>		

REQUEST EXTENSION ON TA'D STATUS

Indian-Lease
Field-Greater Aneth
Unit-McElmo Creek
Prod. Zone - IS-DC
(entity chg. from 92998 to 5980)
1-25-89 Jek

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 zone pertinent to this work) *

Mobil Oil requests that an extension be granted on the current TA'd status until further development of the CO₂ flood. At this time it is uneconomic to return this well to production and it's future use is unknown until all CO₂ flood patterns have been established. Currently, it is not foreseen that this well will have any potential within the next two years. Mobil Oil will perform a casing integrity test if necessary and complete any work needed to properly secure the well.

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

Signed: T. Wayne McPherson Title: ENGINEER Date: 1/18/89
T. WAYNE MCPHERSON

(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.

UNITED STATES
 DEPARTMENT OF INTERIOR
 BUREAU OF LAND MANAGEMENT

Submit Original & 6 Copies

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well Gas Well Other

2. Name Of Operator
 MOBIL OIL CORPORATION

3. Address Of Operator
 P.O. DRAWER G. CORTEZ, CO. 81321

4. Location of Well
 660' FSL, 1830' FEL

RECEIVED
 APR 02 1990

DIVISION OF
 OIL, GAS & MINING

5. Lease Designation & Serial No.
 Unit 96-004190

6. Indian, Allottee Tribe Name
 Navajo Tribal

7. Unit Agreement Name
 McKino Creek

8. Farm or Lease Name
 McKino Creek Unit

9. Well No.
 D-20

10. Field & Pool, or Wildcat
 Greater Aneth

11. Sec., T., R.,
 Sec 11, T41S, R24E

12. County I 13. State
 San Juan I Utah

14. Permit Number I 15. Elevation
 43-037-15615 I DF:4536' KB:4537'

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 Long Term Shut In

Subsequent Report Of:
 Water Shut-off Repairing Well
 Fracture Treatment Altering Casing
 Shooting or Acidizing Abandonment
 OTHER

17. Describe Proposed or Completed Operations

Mobil requests an extension of the shut-in/TA'd status of this well. Mobil is in the final phase of the field-wide CO2 injection distribution system and total upgrade of the water injection system. Evaluation of each well is being implemented to determine extent to down-hole reconditioning for injection and to determine strategies for sequential implementation of CO2 flooding. Reactivating wells to CO2 flooding and/or making final determination on each well is projected to be done within one to two years.

OIL AND GAS	
DRN	RF
1-JRB	GLH
DTS	SLS
2-TAS	
3-	MICROFILM <input checked="" type="checkbox"/>
4-	FILE

Mobil Exploration and Producing U. S. Inc. as agent for Mobil Oil Corporation

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

Signed C. J. Benally
 C. J. Benally

Title Sr. Environmental Engineer Date 3/30/90

Approved By _____

Title _____

Date _____

Conditions of Approval If Any:

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.
14-20-603-5449
6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
MCELMO CREEK

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
D-20

*(1991)
mobil
still
showing
15615*

OPERATION

9. API Well No. 15705
43-037-15615-VA

No. MIDLAND, TX 79702 (915) 688-2585

10. Field and Pool, or Exploratory Area
GREATER ANETH

ge. Sec., T., R., M., or Survey Description)

11. County or Parish, State

30' FEL Sec.11, T41S, R24E

SAN JUAN, UT

APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other SI/TA EXTENSION

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.)*

MOBIL REQUESTS AN EXTENSION OF THE SHUT-IN/TA'D STATUS OF THIS WELL. MOBIL IS IN THE FINAL PHASE OF THE FIELD-WIDE CO2 INJECTION DISTRIBUTION SYSTEM AND TOTAL UPGRADE OF THE WATER INJECTION SYSTEM. EVALUATION OF EACH WELL IS BEING IMPLEMENTED TO DETERMINE EXTENT TO DOWN-HOLE RECONDITIONING FOR INJECTION. REACTIVATING WELLS TO CO2 FLOODING AND/OR MAKING FINAL DETERMINATION ON EACH WELL IS PROJECTED TO BE DONE WITHIN ONE TO TWO YEARS OR TO PLUG AND ABANDON WELL.

RECEIVED
FEB 28 1991

DIVISION OF
OIL, GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD Title _____

Date 2-25-91

(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

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.

14-20-603-5449

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK

8. Well Name and No. NAVAJO D-1

(D-20)

9. API Well No. 15705
43-037-15615

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

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)

660' FSL, 1830 FEL Sec.11, T41S, R24E

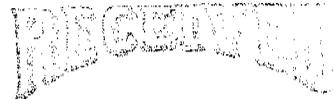
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REASON	TYPE OF ACTION
<p><u>1992</u> Mobil still showing 15615</p> <p>Notice</p>	<p> <input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>SI/TA EXTENSION</u> </p> <p> <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 </p> <p><small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small></p>

13. **MOI FIELD** _____
 rations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, measured and true vertical depths for all markers and zones pertinent to this work.)*
NOTIFICATION OF THE SHUT-IN/TA'D STATUS OF THIS WELL. MOBIL IS IN THE FINAL PHASE OF THE DISTRIBUTION SYSTEM AND TOTAL UPGRADE OF THE WATER INJECTION SYSTEM. EVALUATION OF EACH WELL IS BEING IMPLEMENTED TO DETERMINE EXTENT TO DOWN-HOLE RECONDITIONING FOR INJECTION. REACTIVATING WELLS TO CO2 FLOODING AND/OR MAKING FINAL DETERMINATION ON EACH WELL IS PROJECTED TO BE DONE WITHIN ONE TO TWO YEARS OR TO PLUG AND ABANDON WELL.

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

DATE: 2-21-92
BY: [Signature]



FEB 20 1992

DIVISION OF
OIL GAS & MINING

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

Signed Shirley Todd SHIRLEY TODD

Title ENVIRONMENTAL & REGULATORY TECH

Date FEB. 17, 1992

(This space for Federal or State office use)

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

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.
14-20-603-5449

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
D-20

9. API Well No.
43-037-15705

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

2. Name of Operator
MOBIL OIL CORPORATION

3. Address and Telephone No.
P O BOX 633 MIDLAND, TX 79702 (918) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 1830' FEL SEC. 11, T41S, R24E

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 <u>SI/TA EXTENSION</u>
	<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.)*
MOBIL REQUESTS AN EXTENSION ON THE SHUT-IN/TA'D STATUS OF THIS WELL. THE RESULTS OF THE WORKOVER COMPLETED ON #E-19 WILL MAKE THE FINAL DETERMINATION ON THIS WELL.

1993
Mobil
Shows
AS
15705

RECEIVED
FEB 0 1 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 **1-27-93**

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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.

14-20-603-5449

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

D-20

9. API Well No.

43-037-15705

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

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P O BOX 633 MIDLAND, TX 79702

(918) 688-2585

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

660' FSL, 1830' FEL SEC. 11, T41S, R24E

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 <u>SI/TA EXTENSION</u>
	<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.)*

MOBIL REQUESTS AN EXTENSION ON THE SHUT-IN/TA'D STATUS OF THIS WELL. THE RESULTS OF THE WORKOVER COMPLETED ON #E-19 WILL MAKE THE FINAL DETERMINATION ON THIS WELL.

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

Signed Shirley Todd SHIRLEY TODD

Title ENGINEERING TECHNICIAN

Date 1-27-93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 21 1994

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

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)
660' FSL, 1830' FEL; SEC. 11, T41S, R24E

5. Lease Designation and Serial No.
14-20-0603-5449

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
MCELMO CREEK UND-20

9. API Well No.
43-037-15705

10. Field and Pool, or exploratory Area
GREATER ANETH

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

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other SI/TA EXTENSION
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 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.)*

MOBIL REQUESTS AN EXTENSION ON THE SHUT-IN/TA'D STATUS OF THIS WELL. ENGINEERS ARE RE-EVALUATING FOR FUTURE USE IN UNIT.

1994 Oct.
mobil
shows
As
15705

Accepted by the
Department of
Oil, Gas and Mining
FOR RECORD ONLY

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

Signed Doris for Shirley ADD

Title ENV. & REG. TECHNICIAN

Date 10/17/94

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NOV 21 1994
BUREAU OF OIL, GAS & MINING

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.

14-20-603-5449

(If Indian, Allottee or Tribe Name)

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

D-20

9. API Well No.

43-037-15615-15205

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

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)
660' FSL, 1830' FEL; SEC. 22, T41S, R25E
11

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other CSG INTEGRITY TEST
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 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

1994 NOV
Mobil shows As 15615

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

Signed D. Shirley Todd

Title ENV. & REG. TECHNICIAN

Date 11/14/94

(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.

* See instruction on Reverse Side

U.S. ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF INSPECTION

Address (EPA Regional Office) Region 9 Environmental Inspection Agency 215 Fremont Street (W-6-2) San Francisco, CA 94105	Inspection Contractor <i>Ndwa to EPA</i> THE CABRUS GROUP, INC. CORPORATE OFFICE 135 Beaver Street Waltham, MA 02154 (617) 894-9630	Firm To Be Inspected <i>Mobil Oil Corp.</i> <i>Mc Elmo Creek Unit</i> <i>Well # DF 20</i>
---	--	--

Date	<i>11-2-94</i>
Hour	<i>10:00 AM</i>

Notice of inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (42 U.S.C. §300 f et seq.).

Reason For Inspection

For the purpose of inspecting records, files, papers, processes, controls and facilities, and obtaining samples to determine whether the person subject to an applicable underground injection control program has acted or is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

Mechanical Integrity Test!

Section 1445(b) of the SDWA (42 U.S.C. §300 j-4 (b) is quoted on the reverse of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

Firm Representative <i>Ann Lee</i>	Date <i>11-2-94</i>	Inspector <i>Jim Walker</i> <i>Jim Walker / [unclear] 780</i>
---------------------------------------	------------------------	---

ANNULAR PRESSURE TEST

OPERATOR Mobil Oil Corp. STATE PERMIT NO. NA
 ADDRESS Aneth, UT EPA PERMIT NO. NA
 DATE OF TEST 11-2-94
 WELL NAME McElmo Creek Unit² D-20 TYPE CLASS II R (2)
 LOCATION QUARTER OF THE SW QUARTER OF THE SE 1/4 QUARTER.
 SECTION 11 TOWNSHIP T41S RANGE 24E
 TOWNSHIP NAME _____ COUNTY NAME San Juan
 COMPANY REPRESENTATIVE Arlene Lee FIELD INSPECTOR Jim Walker/Chairman
 TYPE PRESSURE GAUGE _____ INCH FACE, _____ PSI FULL SCALE, _____ PSI INCREMENTS

NEW GAUGE YES NO IF NO, DATE OF TEST CALIBRATION _____

CALIBRATION CERTIFICATION SUBMITTED: YES NO

Continuous pressure recorder used.

RESULTS:

TIME	PRESSURE (PSIG)		CASING
	ANNULUS	TUBING	
<u>10:30</u>	<u>300</u>	<u>NA</u>	_____
_____	_____	_____	TUBING _____
_____	_____	_____	PACKER _____
_____	_____	_____	PACKER @ _____
_____	_____	_____	FLUID RETURN @ _____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

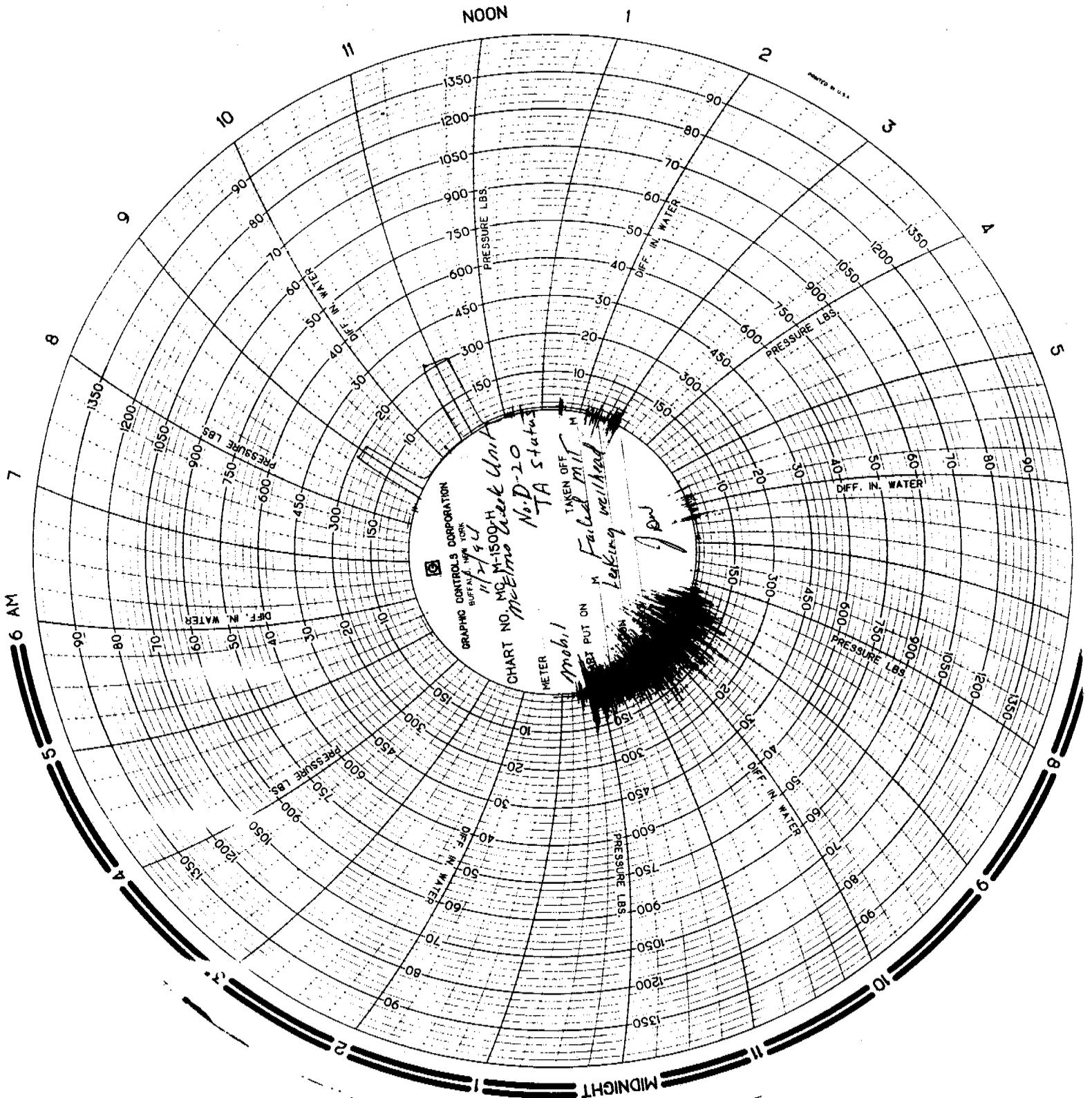
FLUID RETURN @ _____
Temporarily abandoned
 COMMENTS: *No tubing*
Inactive well with cement
retainer.
Wellhead leaking during
test - 30 psi max.
pressure

TEST PRESSURE: 300
 MAX. ALLOWABLE PRESSURE CHANGE: TEST PRESSURE X .03 15 PSI
 HALF HOUR PRESSURE CHANGE _____ PSI

TEST PASSED TEST FAILED (CHECK ONE)
 IF FAILED, NO INJECTION MAY OCCUR UNTIL CORRECTIONS HAVE BEEN MADE AND WELL PASSES.

Jim Lee
 SIGNATURE OF COMPANY REPRESENTATIVE
James E. Walker
 SIGNATURE OF INSPECTOR

11-2-94
 DATE
11/2/94
 DATE



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

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)
660 FSL, 1830 FEL
SEC. 22, T41S, R11E
11 24E

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

5. Lease Designation and Serial No.
14-20-603-5449

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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

8. Well Name and No.
MCELMO CREEK D-20

9. API Well No.
43-037-15705

10. Field and Pool, or exploratory Area
GREATER ANETH

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

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

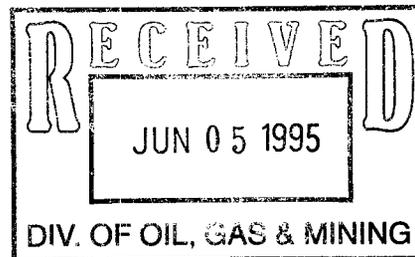
TYPE OF ACTION

Abandonment Change of Plans
 Recompletion New Construction
 Plugging Back Non-Routine Fracturing
 Casing Repair Water Shut-Off
 Altering Casing Conversion to Injection
 Other 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.)*

04-25-95 MIRU Tag tbg at 5290'. Pump 32 sx cmt. Spot 9 lb mud to 4478. Spot 24 es plug at 4478'.
04-26-95 RIH to 4478'. Spot 24 sx plug. Spot 9 lb mud to 1370'. Plug at 4182'. Perf. at 1366'.
04-27-95 Set ret. at 1296'. Circ. out 5 1/2, indicated hole in csg. Pump 320 sx, circ. to surf. Sting out and pump 45 sx cmt. Pull up to 886'. Pump 45 sx cmt. Pull up to 476'. Pump 45 sx cmt. circ. to surf. POH Pump 70 sx down 5 1/2". Circ. good cmt to surf. out braden head. Cut off csg string. Install dryhole marker. BLM Representative - Ron Snow on location.



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

Signed Shirley Robertson Title Env. & Reg. Technician Date 5-30-95

(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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

R E C E I V E
FEB 24 1995

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 in an oil or gas well.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator **Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.**

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)
**660 FSL, 1830 FEL
SEC. 22, T41S, R25E
11 24E**

5. Lease Designation and Serial No.

14-20-603-5449

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK D-20

9. API Well No.

43-037-15615 15705

10. Field and Pool, or exploratory Area

GREATER ANETH

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 checked="" 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 _____
	<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
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

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

Signed *Shirley Robertson*

Title SHIRLEY ROBERTSON

Date 2-20-95

(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.

* See instruction on Reverse Side

McElmo Creek Unit D-20
Plug and Abandonment

CURRENT STATUS: Well has been temporarily abandoned since November, 1974 due to uneconomical production. The Flood Management Team has reviewed this well and have concluded that there is no remaining potential in this well.

DISTRIBUTION: T. M. Kuykendall - Cortez
T. Cochrane - Cortez
W. F. Hannes - 1033 MOB
G. D. Cox - 1103 MOB
S. A. Todd - 1206 MOB
Aneth Files
Cortez Files

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

PLUG AND ABANDONMENT PROCEDURE

1. Notify Mark Kelley with the Bureau of Land Management at 505/599-8900 at least 48 hours prior to plugging the well. Document date/time BLM is notified and also document the date/time that BLM representative is on location.
2. MI workover rig. Bleed any pressure off 5-1/2" casing. Remove steel plate. NU and PT BOP's. Load well with fresh water. PU 500' of 2-3/8" tailpipe (Optional) on 2-7/8" workstring. RIH and tag TOC at +/- 5156'. Spot 14 cu ft (100') of class B 15.6 ppg neat cement from 5156'-5056'. Displace hole to 9 ppg fresh water mud having a minimum viscosity of 50 sec/qt containing a minimum of 15 lbs/bbl of sodium bentonite and a nonfermenting polymer.
3. PU to 4330' and spot 28 cu ft of class B 15.6 ppg neat cement from 4330'-4130'. 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 4180'. Spot additional cement as necessary. POH laying down all but 1316' of 2-7/8" workstring.
5. RU wireline. RIH with 4" perforating gun loaded with deep penetrating charges at 4 SPF and perforate 1366'-1370'. POH.

6. RIH with cement retainer on 2-7/8" workstring and set at 1316' (Wireline set cement retainer optional). PT backside to 200 psi and monitor. Establish injection rate of 1-2 BPM using fresh water taking returns on 5-1/2"/8-5/8" casing annulus. Mix and pump 585 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 fresh water. POH and lay down setting tool. RIH with 500' of 2-3/8" tailpipe (Optional) on 2-7/8" workstring to top of cement retainer at 1316'. 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 180 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" spaghetti 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 #D-20
Navajo Tribal Lease
14-20-603-5449
660' FSL, 1830' FEL
Sec. 11 - T41S - R24E
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.

McElmo Creek Unit D-20

EXISTING

KB: 4537'

11" hole size
TOP OF CHINLEY 1270'

TOC at 2660' (Calc.)

TOP OF HERMOSA 4230'

TOP OF ISMAY 5198'

Cement Retainer at 5199'
w/5 sxs cont on top (5156')

7-7/8" hole size

Inhibited Fresh Water

13-3/8", 27.1 # Armco
set at 177' cont'd
w/175 sxs circ. to
surface

8-5/8", 24# J-55 at
1299' cont'd w/ 885 sxs

PERFS

Squeezed w/145 sxs class
B cement

5260-5264'

5318-5323'

5326-5344'

5371-5391'

5400-5407', 5452-5460'

5-1/2", 14# J-55 at

PBTD 5520', 5543' cont'd w/232 sxs (Diacec D)
TD 5545' 500 cu. ft of cnt.

MCElmo Creek Unit D-20

PROPOSED

