Converted to water injection well:

FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	B.K.S.
Entered On S R Sheet		Copy N I D to Field Office	✓
Location Map Pinned	✓	Approval Letter	✓
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed 7-27-60 Location Inspected

OW ✓ WW TA Bond released

GW OS PA State of Fee Land

LOGS FILED

Driller's Log 8-8-60

Electric Logs (No.) 4

E I E-I ✓ GR GR-N ✓ Micro ✓

Lat Mi-L Sonic Others Log, Form, Collar Locat

Form 9-331 b
(April 1962)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

Indian Agency: Navajo

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee: Tribal

Lease No.: 14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	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 May 31, 1960

Navajo "A" Well No. 31 is located 1650 ft. from {N} line and 990 ft. from {E} line of sec. 22

SE NE Sec. 22 (¼ Sec. and Sec. No.) 41S (Twp.) 21E (Range) SLM (Meridian)

White Mesa (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the ungraded ground above sea level is 4586 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 casing 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 approximately 5700', 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 1150
Cortez, Colorado

By: C. M. Boles
District Superintendent

Title:

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-8

COMPANY PHILLIPS PETROLEUM COMPANY

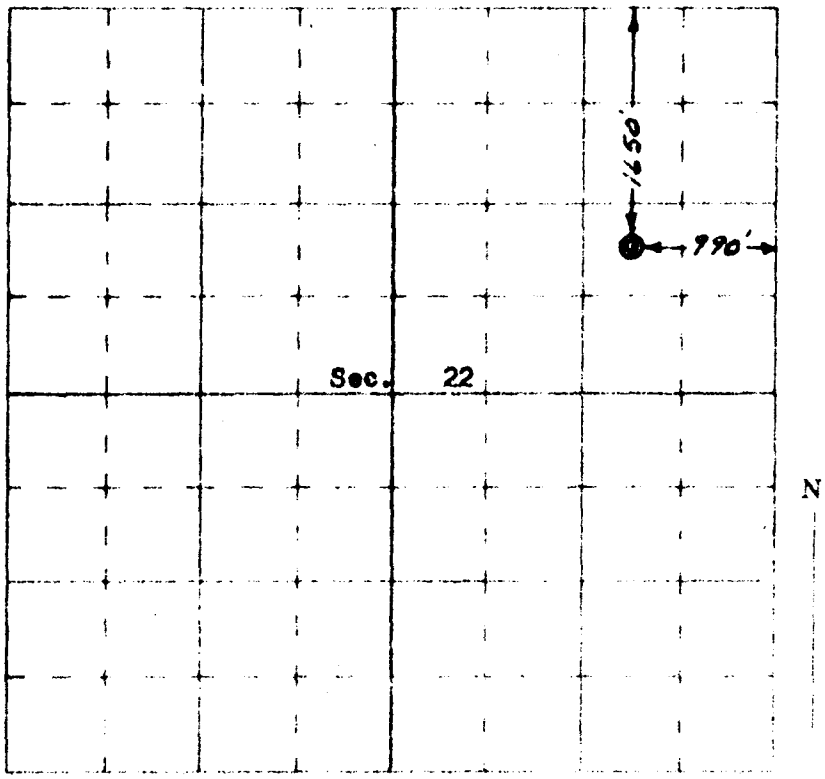
Well Name & No. NAVAJO A-31 Lease No.

Location 1650' FROM THE NORTH LINE & 990' FROM THE EAST LINE

Being in Center NW SE NE

Sec. 22 T 41 S., R 24 E, S.L.M., San Juan County, Utah

Ground Elevation 4586' ungraded ground



Scale — 4 inches equals 1 mile

Surveyed 29 May 60, 19

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

James P. Leese

Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

SAN JUAN ENGINEERING CO. FARMINGTON, NEW MEXICO

P. O. Drawer 1150
Cortez, Colorado

May 31, 1960

U. S. Geological Survey
P. O. Box 965
Farmington, New Mexico

Attention: Mr. P. T. McGrath

Dear Sir:

The attached USGS Form 9-331b with accompanying plat is submitted for your approval to drill Phillips Petroleum Company Navajo "A" No. 31 at a location 1650' FN, 990' FE lines, Section 22-T41S-R24E, San Juan County, Utah.

The proposed location is off-pattern and does not meet requirements of Rule C-3 General Well Spacing Requirements. The proposed location is 990' south and 330' east of the regular pattern location; is 990' west of the nearest offset operator's lease line, and approximately 1035' NE of the nearest producing well. This location is approximately 330' south and 330' east of nearest governmental quarter-quarter section lines.

Proposal to drill the off-pattern location is based on the following Phillips' contentions:

1. The entire 80-acre unit is oil productive, but with varying degrees of productivity and net pay thickness.
2. A well drilled at the regular pattern location would produce oil, but could not be expected to produce oil in commercial quantity.
3. A well drilled at the proposed location should encounter an average net pay thickness for the area and be capable of commercial production.

Request for exception to regular spacing rules of the Oil & Gas Conservation Commission of the State of Utah was made at regularly scheduled hearing Cause No. 30 at Salt Lake City, Utah, May 24, 1960. It is the understanding of this office that the Utah Commission approved the proposed location and official order is forthcoming.

Your early approval is respectfully requested.

Very truly yours,

C. M. Bales
District Superintendent

CMB:bh
Attach.
cc: (1) Utah Oil & Gas Conservation Commission - Attach.
(2) Mr. Earl Griffin, Bartlesville - Attach.
(3) Aztec Oil & Gas Co., Dallas, Texas - Attach.

PHILLIPS PETROLEUM COMPANY

P. O. Drawer 1150
Cortez, Colorado
May 31, 1960

Utah Oil & Gas Conservation Commission
Room 310 Newhouse Building
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight

Dear Sir:

The attached USGS Form No. 9-331b with accompanying plat is submitted for your approval to drill Phillips Petroleum Company Navajo "A" No. 31 at a location 1650' FN, 990' FE lines, Section 22-41S-24E, San Juan County, Utah.

The proposed location is off-pattern and does not meet requirements of Rule C-3 General Well Spacing Requirements. The proposed location is 990' south and 330' east of the regular pattern location; is 990' west of the nearest offset operator's lease line, and approximately 1035' NE of the nearest producing well. This location is approximately 330' south and 330' east of nearest governmental quarter-quarter section lines.

It is the understanding of this office that approval of the proposed location was granted by the Utah Commission at regular scheduled hearing held May 24, 1960, Cause No. 30, and that official order is forthcoming.

Your early approval of the attached application is respectfully requested.

Very truly yours,
PHILLIPS PETROLEUM COMPANY

C. M. Boles

C. M. Boles
District Superintendent

CMB:bh
Attach.
cc: (4) U.S.G.S., Farmington, N.M. - Attach.
(2) Mr. Earl Griffin, Bartlesville - Attach.
(1) Aztec Oil & Gas Company, Dallas, Texas - Attach.

June 9, 1960

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

Attention: C. M. Boles, Dist. Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo "A" 31, which is to be located 1650 feet from the north line and 990 feet from the east line of Section 22, Township 41 South, Range 24 East, SLM, San Juan County, Utah.

Please be advised that approval to drill said well is granted in accordance with the attached Order issued in Cause No. 30.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

GLEON B. FEIGHT,
EXECUTIVE SECRETARY

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

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee Tribal

Lease No. 14-20-603-355

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)

NAVAJO "A" Cortez, Colorado August 29, 1960

Well No. 31 is located 1650 ft. from {N/S} line and 990 ft. from {E/W} line of sec. 22

SE NE Sec. 22 (¼ Sec. and Sec. No.) 41S (Twp.) 24E (Range) SLM (Meridian)

White Mesa (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the ~~derrick floor~~ ungraded ground above sea level is 4586 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 PM 6-11-60. Drilled 12-1/4" hole to 180' and reamed 17-1/4" hole to 175'. Set and cemented 4 jts. 13-3/8" OD 27.1# Armco SW SJ casing at 175.65' with 175 sx. regular cement, 2% Calcium Chloride. Pumped plug to 155' with 100# maximum pressure at 5:10 P.M. 6-12-60. Circulated 14 sx. cement.

Drilled 11" hole to 1318'. Set and cemented 44 jts. 8-5/8" OD 24# J-55 ST&C SS casing at 1318' with 800 cu. ft. 20% Diacel "D", 2% Calcium Chloride, 1/4#/sk. Flocele, 1#/sk. Tuff plug, followed with 125 sks. regular, 2% Calcium Chloride on bottom. Pumped plug to 1284 at 3:10 P.M. 6-14-60. Circulated 175 sks. cement and dropped back. Recemented annulus with 30 sks. regular cement, 4% Calcium Chloride. Tested casing with 1000# for 30 minutes - tested O.K.

(Continued on reverse 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 Company

Address P. O. Drawer 1150
Cortez, Colorado

By C. M. Boles
Title District Superintendent

(Continued)

Drilled 7-7/8" hole to 5603' at 4:30 A.M. 7-3-60. Ran Schlumberger Induction Electric, Micro Caliper and Gamma Ray-Neutron logs to 5604'. Set and cemented 175 jts. 5-1/2" OD 14# J-55 ST&C casing at 5602.57' RKB, with 550 cu. ft. 40% Diacel "D", 4% Calcium Chloride. Pumped plug to 5574' with 1700# maximum pressure at 9:10 A.M. 7-4-60. Tested casing with 1000# for 30 minutes - O.K.

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee Tribal

Lease No. 14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

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

Cortez, Colorado, August 29, 1960

Navajo "A"

Well No. 31 is located 1650 ft. from {N/S} line and 990 ft. from {E/W} line of sec. 22

SE NE Sec. 22 (¼ Sec. and Sec. No.) 41S (Twp.) 24E (Range) SLM (Meridian)

White Mesa (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the ~~derrick floor~~ ungraded ground above sea level is 4586 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 tubing, ran in and tagged plug at 5575'. Ran Lane Wells collar Locator Log to 5576'. Perforated 5-1/2" casing in Desert Creek formation with 4 kone shots per foot EL and RL measurements from 5519-25, 5531-36 and 5539-47'. Ran 174 jts. 2-7/8" OD 6.5# J-55 EUE tubing with Baker hookwall packer and Guiberson Hydraulic H-1 Holddown. Tubing set 5550.21'. Hookwall packer at 5281'. Released rotary rig 7:00 P.M. 7-5-60. Moved in Bivins & Smoot Drilling Co. Well Service Unit. Acidized Desert Creek perforations 5519-25, 5531-36 and 5539-47 with 500 gallons mud acid and 2000 gallons 15% regular acid. 7-7-60. Maximum treating pressure 4400#, minimum pressure 3800#. Rate 2.4 BPM. Flushed with 42 BO. Maximum flush pressure 4500#, minimum 3900#, rate 2.2 BPM. 20 minute shut in pressure bled from 4500 to 1600#. Swab tested 17 BF, G.O. 2% water in 10 hours 7-10-60.

(Continued on reverse 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 Company

Address Drawer 1150

Cortez, Colorado

By C. M. Boles

C. M. Boles

Title District Superintendent

(Continued)

Pulled tubing and packer. Perforated 5-1/2" casing in Desert Creek with Welex Bear Gun (Fracturing tool) 1 hole at 5544, 1 hole at 5533'. Ran 2-1/2" tubing and Baker Hookwall packer. Tubing set 5548, packer at 5406'.

Acidized with 5000 gallons retarded acid and 3000 gallons regular 15% acid 7-10-60. Maximum treating pressure 3500#, minimum 3400#, rate 2.6 BPM. Flushed with 32 BO. Maximum pressure 3800#. ~~XXXXXXXXX~~ Minimum pressure 3400#, rate 2.7 BPM. Shut in 15 minutes - 3800 to 3600#.
7-18-60. Swabbed 10 hours, recovered 16 BO, 16 BW, 48 barrels net fluid recovered.

Acidized with 20,000 gallons 15% regular acid 7-19-60. Maximum pressure 4000#, minimum 1000#. Treating rate 6.2 BPM. Flushed with 38 barrels salt water. Maximum pressure 4000#, minimum 3800#. Flush rate 3.2 BPM. Overflushed 5 barrels. Ten minute shut in - 3300# to 2900#. Recovered oil load by swabbing.

Ran tubing and rods and placed on pump 7-27-60.

7-29-60: Pumped 41 barrels oil, 14 barrels water in 24 hours, GOR 937.

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Navajo
SERIAL NUMBER 14-20-603-355
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 Company Address Drawer 1150, Cortez, Colorado

Lessor or Tract Navajo "A" Field White Mesa State Utah

Well No. 31 Sec. 22 T. 41S R. 24E Meridian S.L.M. County San Juan

Location 1650 ft. {N. / S.} of N Line and 990 ft. {E. / W.} of E Line of Sec. 22 Elevation 4591
(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 C. M. Baker

Date August 30, 1960 Title District Superintendent

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

Commenced drilling June 11, 19 60 Finished drilling July 3, 19 60

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

all porous sands above 1300 and from 2457 to 2651

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 From—	Perforated To—	Purpose
-3/8	27.1	SW 3J	Armco	162	Howco		5519	5525	Oil Prod.
-5/8	24	8 rd	J-55	1315	Larkin		5531	5536	" "
-1/2	14	8 rd	J-55	5631	Baker	Welex Bear	5539	5547	" "
						Gun - 1 shot	5544		
						1 shot	5533		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
-3/8	176	175 - 2 % CC	Circulated		
8-5/8	1318	800 cu ft	Circulated - Filled annulus w/30 sx. reg 4% CC		
5-1/2	5603	550 cu ft	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

FOLD | MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
-3/8	176	175 - 2 % CC	Circulated		
8-5/8	1318	800 cu ft	Circulated - Filled annulus w/30 sx. reg 4% CC		
5-1/2	5603	550 cu ft	Halliburton		

FOLD | MARK

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 0 feet to 5603 feet, and from ..... feet to ..... feet

DATES

August 30, 19 60 Put to producing July 27, 19 60

The production for the first 24 hours was 41 barrels of fluid of which 55 % was oil; 75 % emulsion; 14 % water; and ..... % sediment. Gravity, °Bé. .....

If gas well, 25 cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

168 @ 800

..... Driller ..... Driller

Noran Bros., Inc. Driller ..... Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2200	2253	53	Shinarump
2253	2368	115	Moenkopi
2368	2457	89	Cutler - Hoskinini Equivalent
2457	2651	194	Cutler - De Chelly
2651	4400	1749	Cutler - Organ Rock
4400	5256	856	Honaker Trail
5256	5603	347	Desert Creek of Paradox

[OVER]

16—48094-4

SEP 8 1960

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

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 bailing.

Spudded 8:30 PM 6-11-60. Drilled 12-1/4" hole to 180' and reamed 17-1/4" hole to 175'. Set and cemented 4 jts. 13-3/8" OD 27.1# Armco SW SJ casing at 175.65' with 175 sks. regular cement, 2% Calcium Chloride. Pumped plug to 155' with 100# maximum pressure at 5:10 P.M. 6-12-60. Circulated 14 sks. cement.

Drilled 11" hole to 1318'. Set and cemented 44 jts. 8-5/8" OD 24# J-55 ST&C SS casing at 1318' with 800 cu. ft. 20% Diacel "D", 2% Calcium Chloride, 1/4#/sk. Flocele, 1#/sk. Tuff Plug, followed with 125 sks. regular, 2% Calcium Chloride on bottom. Pumped plug to 1284 at 3:10 P.M. 6-14-60. Circulated 175 sks. cement and dropped back. Recemented annulus with 30 sks. regular cement, 4% Calcium Chloride. Tested casing with 1000# for 30 minutes - tested O.K.

Drilled 7-7/8" hole to 5603' at 4:30 A.M. 7-3-60. Ran Schlumberger Induction Electric, Micro Caliper and Gamma Ray-Neutron logs to 5604'. Set and cemented 175 jts. 5-1/2" OD 14# J-55 ST&C casing at 5602.57' RKB, with 550 cu. ft. 40% Diacel "D", 4% Calcium Chloride. Pumped plug to 5574' with 1700# maximum pressure at 9:10 A.M. 7-4-60. Tested casing with 1000# for 30 minutes - O.K.

Picked up tubing, ran in and tagged plug at 5575'. Ran Lane Wells Collar Locator Log to 5576'. Perforated 5-1/2" casing in Desert Creek formation with 4 kone shots per foot KL and KL measurements from 5519-25, 5531-36 and 5539-47'. Ran 174 jts. 2-7/8" OD 6.5# J-55 E UE tubing with Baker Hookwall packer and Guiberson Hydraulic H-1 Hold-down. Tubing set 5550.21'. Hookwall packer at 5281'. Released rotary rig 7:00 P.M. 7-5-60. Moved in Bivins & Smoot Drilling Co. Well Service Unit. Acidized Desert Creek perforations 5519-25, 5531-36 and 5539-47 with 500 gallons mud acid and 2000 gallons 15% regular acid 7-7-60. Maximum treating pressure 4400#, minimum pressure 3800#. Rate 2.4 BPM. Flushed with 42 BO. Maximum flush pressure 4500#, minimum 3900#, rate 2.2 BPM. 20 minute shut in pressure bled from 4500 to 1600#. Swab tested 17 BF, G.O. 2% water in 10 hours 7-10-60.

Pulled tubing and packer. Perforated 5-1/2" casing in Desert Creek with Welex Bear Gun (fracturing tool), 1 hole at 5544, 1 hole at 5533'. Ran 2-1/2" tubing and Baker Hookwall packer. Tubing set at 5548, packer at 5406'.

Acidized with 5000 gallons retarded acid and 3000 gallons regular 15% acid 7-10-60. Maximum treating pressure 3500#, minimum 3400#, rate 2.6 BPM. Flushed with 32 BO. Max. pressure 3800#, minimum pressure 3400#, rate 2.7 BPM. Shut in 15 minutes - 3800 to 3600. 7-18-60. Swabbed 10 hours-recovered 16 BO, 16 BW, 48 barrels net fluid recovered. Acidized with 20,000 gallons 15% regular acid 7-19-60. Maximum pressure 4000#, minimum 1000#. Treating rate 6.2 BPM. Flushed with 38 barrels salt water. Maximum pressure 4000#, minimum 3800#. Flush rate 3.2 BPM. Overflushed 5 barrels. Ten minute shut in 3300# to 2900#. Recovered oil load by swabbing.

Ran tubing and rods and placed on pump 7-27-60.

7-29-60. Pumped 41 [illegible] BW in 24 hours - GOR 937.

Form 9-331 b
(April 1952)

Form approved.
Budget Bureau No. 42-R359.4.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee Tribal

Lease No. 14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
Notice of Intention to Convert to Water Injection			X

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

Phillips Gas

October 3, 19 63

Well No. 3 is located 1650 ft. from {N} line and 990 ft. from {E} line of sec. 22

SE NE, Sec. 22 (¼ Sec. and Sec. No.) T41S, R24E (Twp.) (Range) SLM (Meridian)

White Mesa Unit (Field) San Juan County (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4586 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)

It is proposed to convert the subject well from producing status to water injection status. Continental's Plan of Development and Operations for the White Mesa Unit, approved by Regional Oil and Gas Supervisor, included this well as a water injection well.

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

Company Continental Oil Company

Address P. O. Box 3312

Durango, Colorado

By H D Haley

Title District Manager

USGS(4) UO&GOC(2) HDH
WMU Oprn.

U.S. GOVERNMENT PRINTING OFFICE 16—8437b-9

Form 9-331 b
(April 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R359.4.

Indian Agency Navajo

Allottee Tribal

Lease No. 14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Subsequent Report of Conversion to Water Injection	

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

October 9, 1963

Well No. 3 is located 1650 ft. from {N} line and 990 ft. from {E} line of sec. 22

SE NE, Sec. 22 (¼ Sec. and Sec. No.) T41S, R24E (Twp.) (Range) SLM (Meridian)

White Mesa Unit (Field) San Juan County (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4536 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)

The subject well has been converted to water injection status from producing status as approved. Rods and tubing were pulled from the well, and water is being injected down the casing.

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

Company Continental Oil Company

Address P. O. Box 3312

Durango, Colorado

By H D Haley

Title District Manager

USGS(4) UO&GCC(2) FDH
WMU Oprs.(15)

U.S. GOVERNMENT PRINTING OFFICE 16—8437b-9

THE NAVAJO TRIBE

INTERDEPARTMENTAL CORRESPONDENCE

TO: Mr. Perry Hurlbut, Supervisor
Minerals Department

DATE 13 June 1969

FROM Cato M. Sells

SUBJECT: The Disposal of Brackish water into Coconino Sandstone at White Mesa Unit, San Juan County, Utah.

SOURCE CODE 5411

REFERENCE NO. 411-470

Continental Oil Company of Casper, Wyoming, requested Utah Oil and Gas Conservation Commission, permission to dispose of produced briny water in the Coconino sandstone at White Mesa Unit, San Juan County, Utah. There is no method of disposing of it other than underground if surface pollution is to be avoided.

Ground Water Development Department conducted research concerning the quality and quantity of water in Coconino sandstone in White Mesa area, the amount of water to be injected in the formation and feasibility of the injected briny water in the Coconino sandstone. Our conclusion was that this was the only way to dispose of produced water in order to avoid the surface pollution.

Utah Oil and Gas Conservation Commission conducted a hearing on May 16, 1969, and we recommended the approval and the commission; therefore, approved the disposal of briny water into Coconino sandstone.

If you have any question concerning the hearing or the materials, we would be glad to answer any question and otherwise would appreciate your concurrence.

Cato M. Sells

Cato M. Sells, Superintendent
Ground Water Development

CONCURRED:

Perry K. Hurlbut

Mr. Perry Hurlbut, Supervisor
Minerals Department

cc: Mr. Norman Bowman, Resources Division
Mr. Roger Davis, Resources Division
Mr. Don Dodge, Ground Water Development

Copy sent - 6-19-69

THE NAVAJO TRIBE
WINDOW ROCK, ARIZONA

RAYMOND NAKAI
CHAIRMAN, Navajo Tribal Council

NELSON DAMON
VICE CHAIRMAN, Navajo Tribal Council

June 17, 1969

File W. Mesa

	A	H		N	H		N	H
WCB			JDH			JNB		
JWW			HDB			EDW		
JEM			RKO			JAU		

JUN 19 1969

CAE			DWA			GEF		
KWM						JEP		
DLC			CMT			LKR		
JMG			RET					
						FILE		

Mr. William C. Blackburn, Division Manager
Production Department
Continental Oil Company
200 N. Wilcott
Casper, Wyoming 82601

Dear Mr. Blackburn:

Enclosed please find a copy of my report on hearing held in Salt Lake City, Utah, May 16, 1969, in reference to disposal of brackish water into the Coconino sandstone at White Mesa Unit, San Juan County, Utah, to Mr. Hurlbut, Minerals Supervisor, and for his concurrence. This is your authority to go ahead with your injection program.

Trust that this will be all the information and authority you would need from the Navajo Tribe.

Sincerely yours,

THE NAVAJO TRIBE

Cato M. Sells

Cato M. Sells, Superintendent
Ground Water Development

CMS:ptg

Enclosure:

Form 9-331
(May 1963)

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.)

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7. UNIT AGREEMENT NAME: WHITE MESA

8. FARM OR LEASE NAME: WHITE MESA UNIT

9. WELL NO.: 3

10. FIELD AND POOL, OR WILDCAT: DESERT CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 22, T-41S, R-24E

12. COUNTY OR PARISH: SAN JUAN

13. STATE: UTAH

1. OIL WELL ☐ GAS WELL ☐ OTHER: WATER INJECTION

2. NAME OF OPERATOR: CONTINENTAL OIL COMPANY

3. ADDRESS OF OPERATOR: BOX 460, HOBBS, NEW MEXICO 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1650' FNL & 990' FEL OF SEC. 22

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4586' DF

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) CONVERT TO WATER DISPOSAL				(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.)*

It is proposed to convert the subject well from Water Injection to Water Disposal by the following procedure: (Present status: Shut in) Plug back with class "C" cement to approx. 5300'. Perforate Coconino formation 2460' to 2640'. Acidize & inhibit for bacteria. Run tubing & packer. Before acidizing perfs, a block squeeze will be performed to prevent communication to surface.

1) 1320' from Navajo Tribal Boundary line
2) Must block squeeze cement behind casing & formation on clay
3) Do we have administrative approval

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

SIGNED: [illegible] TITLE: SR. ANALYST DATE: 10-4-74

Must measure volume + pressure — Send copy of order 135-1

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS (Farmington)-3, UOG&GCC (Utah), Partners (6), File

Form 9-331 (May 1963)

FILE

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.)

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7. UNIT AGREEMENT NAME: WHITE MESA

8. FARM OR LEASE NAME: WHITE MESA UNIT

9. WELL NO.: 3

10. FIELD AND POOL, OR WILDCAT: DESERT CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 22, T-41S, R-24E

12. COUNTY OR PARISH: SAN JUAN

13. STATE: UTAH

1. OIL WELL ☐ GAS WELL ☐ OTHER: WATER INJECTION

2. NAME OF OPERATOR: CONTINENTAL OIL COMPANY

3. ADDRESS OF OPERATOR: BOX 460, HOBBS, NEW MEXICO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1650' FNL & 990' FEL OF SEC. 22

RECEIVED JUN 30 1974 DIVISION OF OIL, GAS & MINING

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4586' DF

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) CONVERT TO WATER DISPOSAL				(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.)*

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

SIGNED: [signature] TITLE: SR. ANALYST DATE: 10-4-74

(This space for Federal or State office use)

APPROVED BY: [signature] TITLE: DATE:

CONDITIONS OF APPROVAL, IF ANY:

APPROVED OCT 7 1974

RECEIVED OCT 7 1974 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.

*See Instructions on Reverse Side

USGS (Farmington)-3, UOGCC (Utah), Partners (6), File

Form 9-331
(May 1963)

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.
14-20-603-409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

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 APR 20 1977 DIVISION OF OIL, GAS, & MINING

7. UNIT AGREEMENT NAME
WHITE MESA

1. OIL WELL ☐ GAS WELL ☐ OTHER WATER INJECTION

8. FARM OR LEASE NAME
WHITE MESA UNIT

2. NAME OF OPERATOR
CONTINENTAL OIL COMPANY

9. WELL NO.
3

3. ADDRESS OF OPERATOR
BOX 460, HOBBS, NEW MEXICO 88240

10. FIELD AND POOL, OR WILDCAT
DESERT CREEK

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1650' FNL & 990' FEL OF SEC. 22

RECEIVED JUN 30 1986 DIVISION OF OIL, GAS & MINING

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 22, T-41S, R-24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4586' DF

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	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) CONVERT TO WATER DISPOSAL				(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.)*

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APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: May 30 1977
BY: [illegible]

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

SIGNED [illegible] TITLE SR. ANALYST DATE 10-4-74

(This space for Federal or State office use)

APPROVED BY [illegible] TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED OCT 7 1974 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.

*See Instructions on Reverse Side

USGS (Farmington)-3, UOG&GCC (Utah), Partners (6), File

Form 9-331
(May 1963)

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.)

RECEIVED APR 20 1977 DIVISION OF OIL, GAS, & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER WATER DISPOSAL

2. NAME OF OPERATOR: CONTINENTAL OIL COMPANY

3. ADDRESS OF OPERATOR: BOX 460, HOBBS, N.M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1650' FNL & 990' FEL OF SEC. 22

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7. UNIT AGREEMENT NAME: WHITE MESA

8. FARM OR LEASE NAME: WHITE MESA UNIT

9. WELL NO.: 3

10. FIELD AND POOL, OR WILDCAT: DESERT CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 22, T-41S, R-24E

12. COUNTY OR PARISH: SAN JUAN

13. STATE: UTAH

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4586' DF

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) CONV. FROM W. INJ. TO WTR. DISP.			X
(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.)*

Ran cement bond log. Found approx. 25% bond. Perf 5½" csg w/2 shots @ 3400' & squeezed 100 sks. cement behind csg. to insure sufficient bond. Tested to 2000#, held ok. Found leak between 200'-400'. Perf. csg. @ 2310' w/2 shots & squeezed w/150 sks. cement & circ. cmt. to sfc. Tested to 2000#, held ok.

Perf. 2479'-84', 2486'-91', 2496'-98', 2510'-20' & 2556'-58' w/2 JSPF. Perf 2600', 2602', 2615', 2620' w/1 JSPF. Spotted 1000 gals acid over perfs. Now ready for water disposal.

Work started 10-21-74, Completed 10-25-74.

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

SIGNED [signature] TITLE Sr. ANALYST DATE 12-13-74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(Farmington)-3, UOGCC-2, Partners-6, File

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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13. STATE: UTAH

1. OIL WELL ☐ GAS WELL ☐ OTHER WATER DISPOSAL

2. NAME OF OPERATOR: CONTINENTAL OIL COMPANY

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15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4586' DF

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SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) CONV. FROM W. INJ. TO WTR. DISP.			X
(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.)*

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Perf. csg. @ 2310' w/2 shots & squeezed w/150 sks. cement & circ. cmt. to sfc. Tested to 2000#, held ok.

Perf. 2479'-84', 2486'-91', 2496'-98', 2510'-20' & 2556'-58' w/2 JSPF. Perf 2600', 2602', 2615', 2620' w/1 JSPF. Spotted 1000 gals acid over perfs. Now ready for water disposal.

Work started 10-21-74, Completed 10-25-74.

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

SIGNED [signature] TITLE SR. ANALYST DATE 12-13-74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(Farmington)-3, UOGCC-4, Partners-6, File

October 15, 1974

Continental Oil Company
Box 460
Hobbs, New Mexico 88240

Re: Well No. White Mesa Unit #3
Sec. 22, T. 41 S, R. 24 E,
San Juan County, Utah

Gentlemen:

We are in receipt of your "Application to Convert" the above referred to well from water injection to water disposal.

Under the Order issued in Cause No. 135-1, dated April 16, 1969, this office is not authorized to grant administrative approval without notice and hearing. It is, therefore, recommended that you file for such approval under Rule C-11 of the General Rules and Regulations. This, in effect, would require that you have the approval of each lessee of record within one-half mile of the proposed disposal well. If no lessee files a written objection or complaint to the application within 15 days, the application will be granted. If a lessee should object, the matter will be scheduled for hearing.

For your information, we are enclosing a copy of the General Rules and Regulations as well as a sample of an application filed under Rule C-11. Should you have any questions pertaining to the above, please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw

cc: U.S. Geological Survey

L. P. Thompson
Division Manager
Production Department
Hobbs Division
Western Hemisphere Petroleum Division

Continental Oil Company
P.O. Box 460
1001 North Turner
Hobbs, New Mexico 88240
(505) 393-4141

October 22, 1974

Division of Oil and Gas Conservation (2)
Department of Natural Resources
State of Utah
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

Application for Authority to Disposal of Produced Water - White Mesa Unit No. 3 Section 22, T-41S, R-24E, San Juan County, Utah

Enclosed in duplicate is our application for authority to convert White Mesa Unit No. 3, an inactive injection well to a salt water disposal well injecting water into the Coconino Formation. It is proposed to perforate casing above and below the proposed injection zone and perform a block squeeze to insure against movement of injection water behind the casing into zones other than the intended disposal zone.

We should appreciate your handling this matter administratively, if possible; otherwise to set it for hearing on the earliest hearing date.

Yours very truly

VTL:reh
Enc
CC:
Mr. P. T. McGrath
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Navajo Tribe
Office of Minerals Development
Box 146
Window Rock, Arizona

Attention Mr. R. F. Schryver, Director

By REGISTERED MAIL

Phillips Petroleum Company
1000 Security Life Building
Denver, Colorado 80202

JCC; BEA

BEFORE THE BOARD OF OIL AND GAS CONSERVATION
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF CONTINENTAL OIL COMPANY FOR ADMINISTRATIVE APPROVAL, PURSUANT TO RULE C-11, AUTHORIZING THE COMPLETION OF AN INJECTION WELL AND THE UNDERGROUND DISPOSAL OF WATER PRODUCED WITH OIL FROM WELLS IN THE GREATER ANETH AREA, SAN JUAN COUNTY, UTAH

APPLICATION

Applicant, Continental Oil Company, in support of this application, respectfully shows to the Board of Oil and Gas Conservation of the State of Utah, as follows:

1. Applicant is a Delaware corporation duly authorized to transact business in the State of Utah.
2. Applicant is the operator of the White Mesa Unit in the greater Aneth area, San Juan County, Utah.
3. There are numerous oil wells in the White Mesa Unit which, in association with oil and gas, are producing salt, brackish or other water unfit for domestic, livestock, irrigation or other general uses. Unless appropriate disposal is provided, possible damage may occur to surface lands and potable surface and subsurface waters.
4. Applicant proposes to dispose of such produced water by injection underground into the Coconino Formation underlying the proposed disposal well.
5. Applicant proposes to complete a salt water disposal well by plugging back Well No. 3, an inactive well in the Desert Creek Formation, located 1650 feet from the north line and 990 feet from the east of Section 22, Township 41 South, Range 24 West, San Juan County, Utah. The location of the proposed disposal well and all oil and gas wells, including abandoned and drilling wells and dry holes within the White Mesa Unit area are shown and designated on Exhibit "A" attached hereto and by this reference made a part hereof.
6. The Coconino Formation is a highly porous and permeable sandstone occurring between the depths of 2450 and 2640 feet below the surface in the proposed injection well.

7. Attached hereto and thereby made a part hereof as Exhibit "B" is a reproduction of the pertinent portion of the log of the White Mesa Unit No. 3 Well.

8. Attached hereto and thereby made a part hereof as Exhibit "C" is a diagrammatic sketch of Well No. 3, to be recompleted, which describes and depicts the casing and cementing program for such well. Applicant proposes to pressure-test casing prior to injection, and precautions will be taken to protect oil, gas and fresh water resources.

9. Water to be disposed of is that which is produced with oil from the Desert Creek Formation by oil and gas wells in the White Mesa Unit. Injection is proposed through said Well No. 3 at subsurface intervals from 2460 to 2640 feet as measured on Exhibit "B", at an estimated minimum amount of 2500 barrels of water per day increasing to an estimated maximum amount of 5,000 barrels per day due to normal water-cut increase. Applicant believes the Coconino formations will adequately take and receive the estimated maximum volumes of produced water.

10. Applicant applied for and received approval from the Board for water disposal Well No. 36 located in the NE/4 NE/4 of Section 34, Township 41 South, Range 24 East, approximately two miles south of the proposed disposal well by order entered in Cause 135-1. Based upon analyses made by Applicant of formation water taken from White Mesa Unit Well No. 83 at the equivalent stratigraphic intervals proposed herein, and from the Unit "A" Battery applicant believes that produced water to be disposed of and formation water in the Coconino Formation at the proposed injection intervals are both unfit for domestic, livestock, irrigation or other general uses. Applicant will take samples of formation water by production swab tests, as required by the Director. Applicant will notify the Director, Division of Oil and Gas Conservation, prior to taking such samples and conducting such tests in order that the Director or his staff may witness the tests and take independent samples.

11. Applicant proposes to provide continuous monitoring of the salt water disposal well as to the volume of fluids injected and injection pressures, and such information will be recorded or logged.

12. Phillips Petroleum Company is the only other operator within one-half mile of the proposed disposal well and has been notified by registered mail of the filing of this application.

WHEREFORE, Applicant respectfully requests that the Board of Oil and Gas Conservation, pursuant to Rule C-11, approve administratively the completion of the disposal well and the underground disposal of water produced with oil all as more fully set forth herein.

Dated this 23rd day of October, 1974.

Respectfully submitted,

CONTINENTAL OIL COMPANY

By L. P. Thompson

L. P. Thompson
Division Manager
Hobbs Division
P. O. Box 460
Hobbs, New Mexico 88240

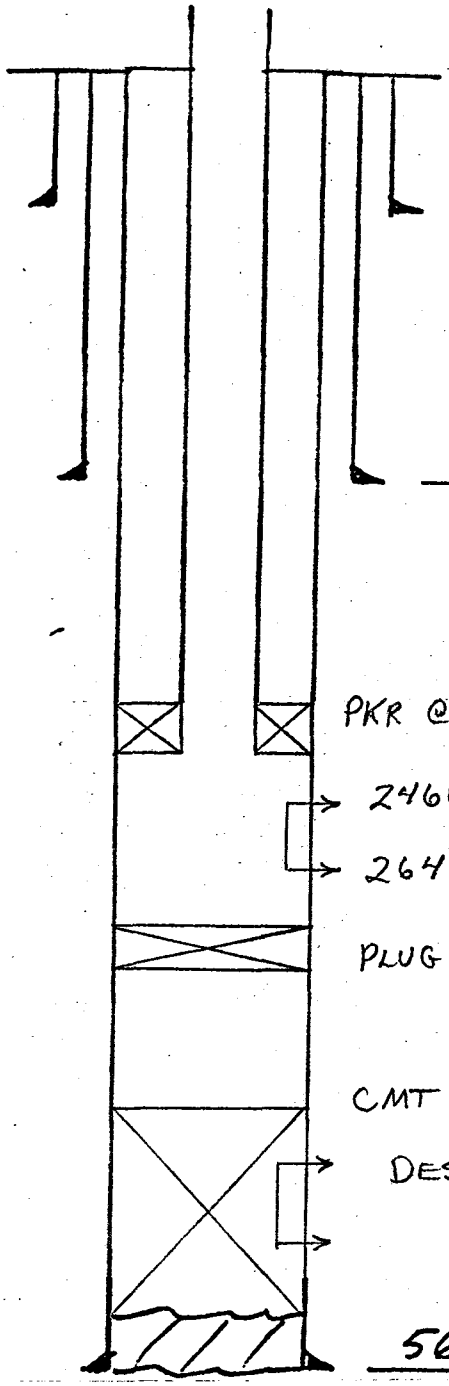
By REGISTERED MAIL

Phillips Petroleum Company
1000 Security LIfe Bldg.
Denver, Colorado 80202

PROPOSED RECOMPLETION

WMU No. 3

"O"-11' AGL



176'-13 3/8" OD CSG SET w/175 SACKS (CIRC)

1318'-8 5/8" OD CSG SET w/800 CU FT DIACE 'D' (20%) & 155 SACKS (CIRC)

PKR @ 2400'

2460' COCONINO PERFS

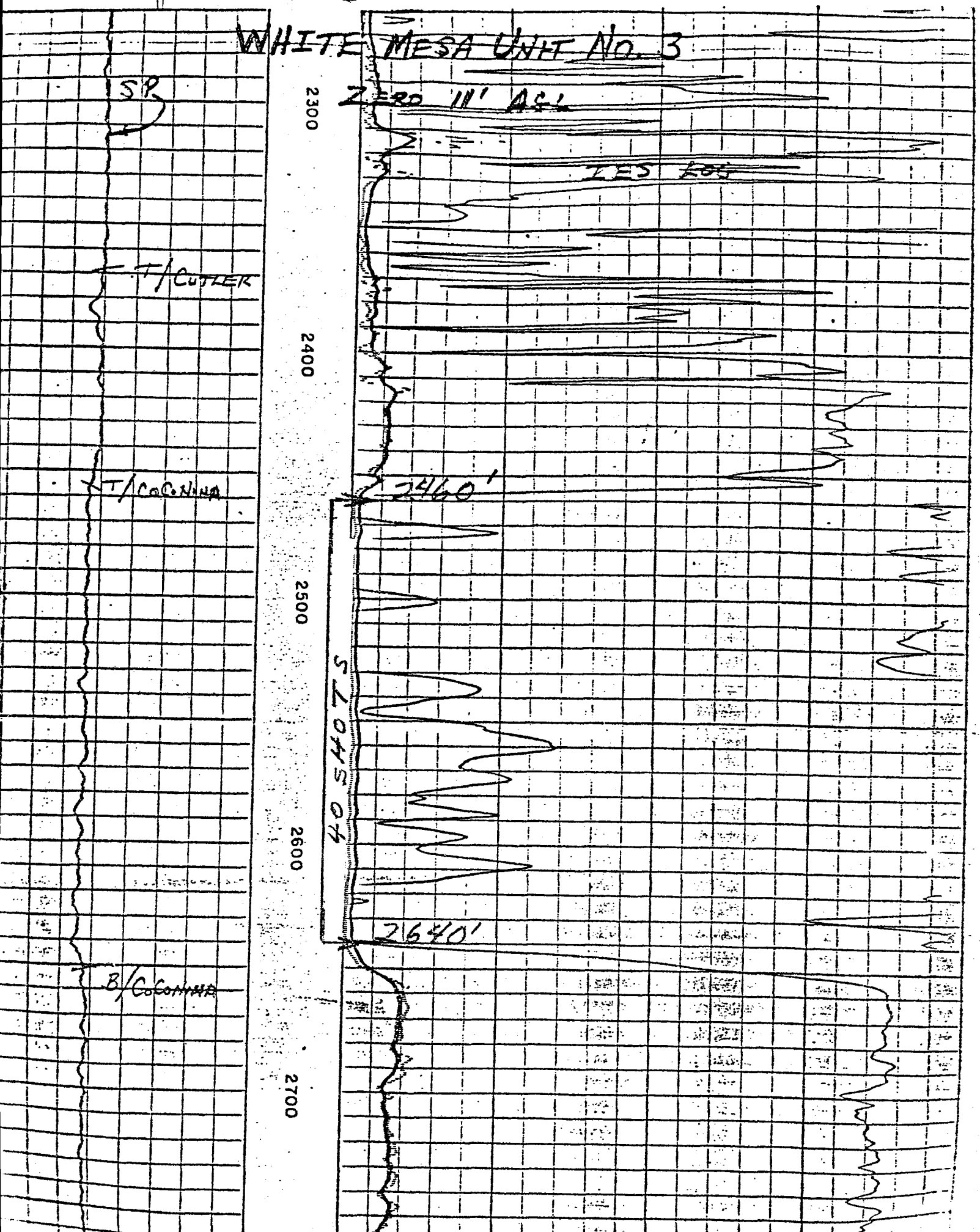
2640'

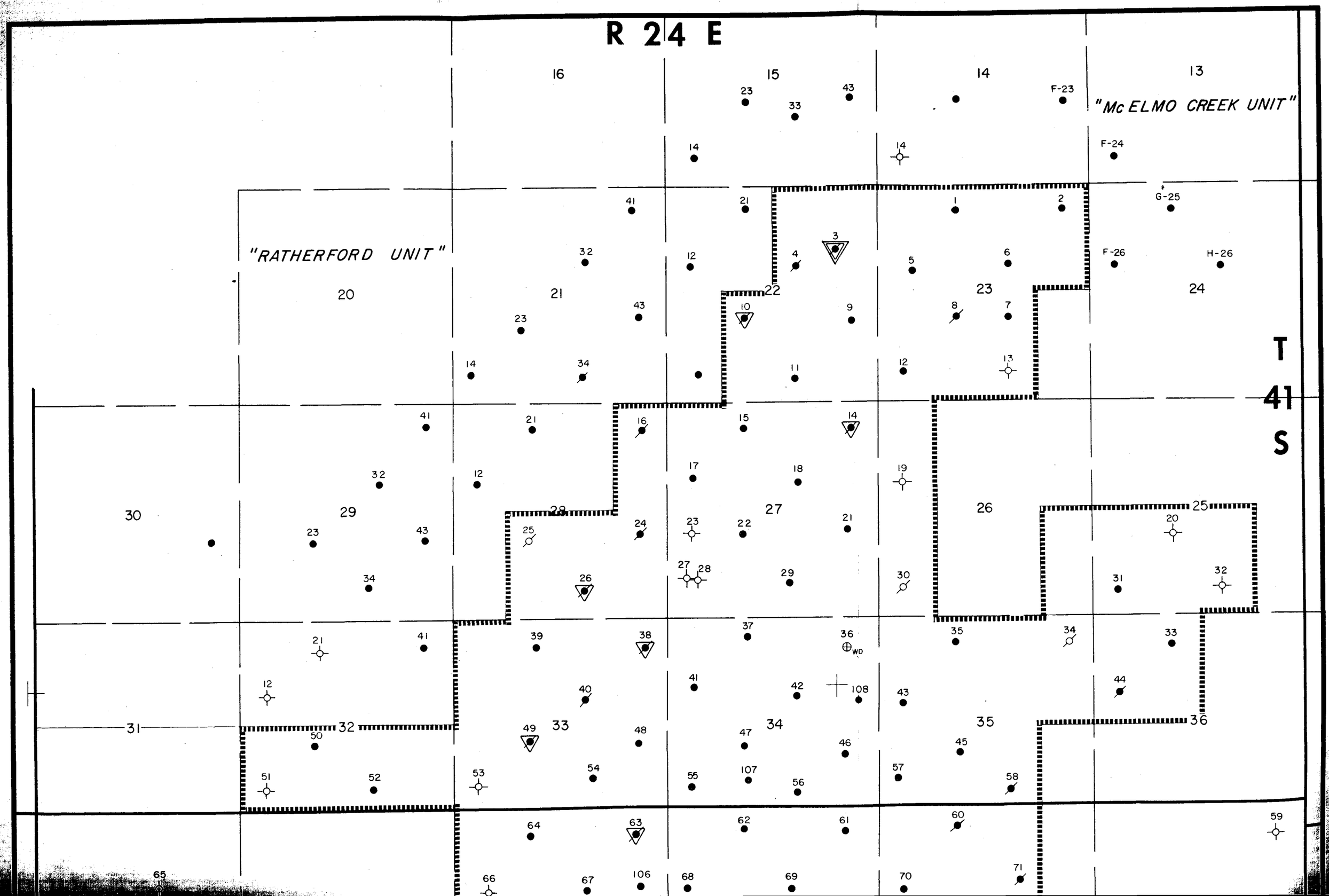
PLUG @ 2850'

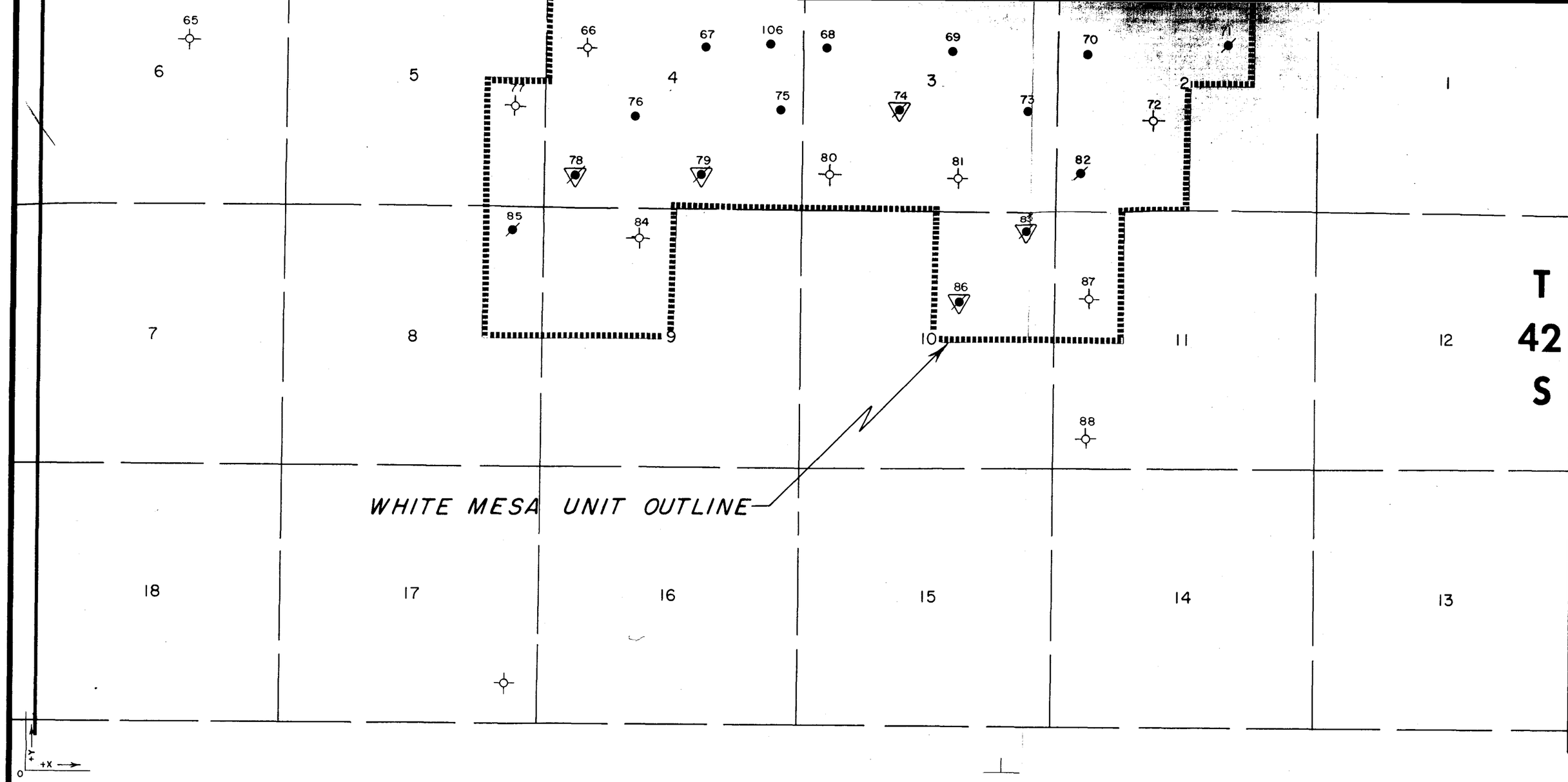
CMT TOP @ 5400'

DESERT CREEK

5603'-5 1/2" OD 14# CSG SET w/550 SACKS 40% DIACED 'D'


WHITE MESA UNIT No. 3
SP
ZERO 11' AGL
IES LOG
T/CUTLER
T/COCONINO
2460'
2300
2400
2500
2600
2700
40 SHOTS
2640'
B/COCONINO


R 24 E
T 41 S
"RATHERFORD UNIT"
"Mc ELMO CREEK UNIT"
16
15
14
13
20
21
22
23
24
30
29
28
27
26
25
31
32
33
34
35
36
F-23
F-24
G-25
F-26
H-26
WD



LEGEND

- Location
- Producing Well
- Shut-in Well
- Abandoned Well
- Dry Hole
- Temp. Abd. Dry Hole
- Water Injection Well
- Shut-in Injection Well
- WD Water Disposal Well

CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
Casper, Wyoming

WHITE MESA UNIT

County: San Juan **Contour Interval -** **State:** Utah

Engineer: **Draftsman:** **Date:**

Scale = 2000 **Well Status Posted to:** 11-72

PHILLIPS PETROLEUM COMPANY
DENVER, COLORADO 80202
1000 SECURITY LIFE BUILDING

EXPLORATION AND PRODUCTION DEPARTMENT

October 31, 1974

Division of Oil and Gas Conservation
Department of Natural Resources
State of Utah
1588 West North Temple
Salt Lake City, Utah 84116

Continental Oil Company's
Application for Authority
TO Disposal of Produced
water - White Mesa
Unit No. 3 Section 22,
T - 41S, R-24E,
San Juan County, Utah

Phillips Petroleum Company, as Operator within one half mile of the subject well, has no objection to Continental Oil Company's proposal to inject water into the Coconino Formation in the subject well.

for J.P. Denny, Production
Manager - Western Region

NNB:glf
cc: Continental Oil Company
Attention: L.P. Thompson
Hobbs Division
P.O. Box 460
Hobbs, New Mexico 88240

well file

CALVIN L. RAMPTON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

November 13, 1974

Continental Oil Company
Box 460
1001 North Turner
Hobbs, New Mexico 88240

ATTENTION: L.P. Thompson, Division Manager

Re: Well No. White Mesa Unit #3
Sec. 22, T. 41 S, R. 24 E,
San Juan County, Utah

Dear Mr. Thompson:

No objections having been received during the time prescribed, administrative approval is hereby granted under Rule C-11, General Rules and Regulations, to commence underground disposal of salt water into the above referred to well.

This approval is, however, contingent upon receiving the concurrence of the Navajo Tribe and the U.S. Geological Survey.

Should you have any questions pertaining to the above, please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

Cleon B. Feight

CLEON B. FEIGHT
DIRECTOR

CBF:sw
cc: U.S. Geological Survey
Navajo Tribe

November 13, 1974

Continental Oil Company
Box 460
1001 North Turner
Hobbs, New Mexico 88240

ATTENTION: L.P. Thompson, Division Manager

Re: Well No. White Mesa Unit #3
Sec. 22, T. 41 S, R. 24 E,
San Juan County, Utah

Dear Mr. Thompson:

No objections having been received during the time prescribed, administrative approval is hereby granted under Rule C-11, General Rules and Regulations, to commence underground disposal of salt water into the above referred to well.

This approval is, however, contingent upon receiving the concurrence of the Navajo Tribe and the U.S. Geological Survey.

Should you have any questions pertaining to the above, please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw
cc: U.S. Geological Survey
Navajo Tribe

SPL File

KE-TONE®

TELEPHONE: HOBBS 393-7751
AREA CODE - 505

UNITED CHEMICAL CORPORATION

OF NEW MEXICO

601 NORTH LEECH P. O. BOX 1499
HOBBS, NEW MEXICO 88240

Company: Continental Oil Company

Field: Coconino Formation

Lease: White Mesa Unit #3 Sampling Date: 11-24-74

Type of Sample: SWAB

WATER ANALYSIS

IONIC FORM	me/l *	mg/l *
Calcium (Ca++)	192.00	3,840
Magnesium (Mg++)	59.00	708
Sodium (Na+) (calculated)	886.15	20,373
Iron (Total)		750
Bicarbonate (HCO_3)	Not	Found
Carbonate (CO_3 -)	2.80	84
Hydroxide (OH-)	3.30	56
Sulphate (SO_4 -)	45.35	2,178
Chloride (Cl-)	1,085.70	38,500
ph c 9.5°F 68		
Dissolved Solids on Evap. at 103° - 105° C		
Hardness as Ca CO_3	251.00	12,550
Carbonate Hardness as $CaCO_3$ (temporary)	6.10	305
Non-Carbonate Hardness as $CaCO_3$ (permanent)	244.90	12,245
Alkalinity as $CaCO_3$	6.10	305
Specific Gravity c 68° F 1.045		

MOORE BUSINESS FORMS INC. LA

* mg/l = milligrams per Liter

* me/l = milliequivalents per Liter

$CaCO_3$ s.i. positive @ 86°F (2.48)
$CaSO_4$ s.i. negative but borderline

Makes Water Work

Production Department
Hobbs Division

Western Hemisphere Petroleum Division
Continental Oil Company
P.O. Box 460
1001 North Turner
Hobbs, New Mexico 88240
(505) 393-4141

January 6, 1975

Mr. Feight
Utah Board of Oil & Gas Conservation
1588 WN Temple
Salt Lake City, Utah 84116

U. S. G. S.
Drawer 1857
Roswell, New Mexico

Gentlemen:

Coconino Water Sample Analysis, White Mesa Unit No. 3, Greater Aneth Field, San Juan County, Utah

Attached is a copy for your files of the chemical water analysis of Coconino formation water swabbed from the subject well. The well was converted to salt water disposal service in the Coconino during November, 1974.

Yours very truly,

Leo A. Heath

Leo A. Heath

js
Attach

Form 9-331
(May 1963)

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 ☐ GAS WELL ☐ OTHER Water Injection
2. NAME OF OPERATOR: Continental Oil Company
3. ADDRESS OF OPERATOR: Box 460, Hobbs, N.M. 88240
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1650 FNL, 990 FEL Sec. 22
5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-409
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo
7. UNIT AGREEMENT NAME: White Mesa
8. FARM OR LEASE NAME: White Mesa Unit
9. WELL NO.: 3
10. FIELD AND POOL, OR WILDCAT: Desert Creek
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 22 T. 41 S, R. 24 E
12. COUNTY OR PARISH: San Juan
13. STATE: Utah
14. PERMIT NO.:
15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4586' DF

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Indefinitely Shut-In			☒
(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.)*

As required by Rule C-22, Utah Oil & Gas Conservation Commission, Para (3), the well named above is being reported as indefinitely shut-in for the reason indicated below:

REASON	DATE SHUT-IN
___ High Water Volume	9-10-69
___ Mechanical Problems	
X Holding For Secondary Recovery Use	
___ Uneconomical To Produce	
X Pending Engineering Evaluation	

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

SIGNED [signature] TITLE Sr. Analyst DATE 1-14-75

(This space for Federal or State office use)

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

USGS-4, UOGCC-2, File

*See Instructions on Reverse Side

Well file

United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer 1857
Roswell, New Mexico 88201

RECEIVED
BBS DIVISION
JAN 22 '75

	Date Noted	Initials
Div. Manager		
Prod. Supt.		
Div. Engr.		
Div. Off. Mgr.		
Cons'v. Coord.	✓	R
M. E. Supv.		
HAI		
REM	✓	REM
DTE	✓	DTE

January 21, 1975

Continental Oil Company
Attn: L. D. Thompson
P. O. Box 460
1001 North Turner
Hobbs, New Mexico

Consultant
Copy to BEA

Gentlemen:

Your letter of October 22, 1974 to the Utah Oil & Gas Conservation Commission requests approval to convert White Mesa Unit well No. 3, NE¼ sec. 22, T. 41 S., R. 24 E., San Juan County, Utah, on Navajo tribal lease 14-20-603-409, from an inactive water injection well in the Desert Creek formation to a water disposal well into the Coconino formation.

As outlined in your application the No. 3 well would be squeezed off as to the perforations in the Desert Creek formation, pressure tested, and perforated 2460 to 2640 feet in the Coconino formation. Water test would be made of the Coconino for determination as to compatibility with disposal water. Injection would be monitored through tubing below a packer set at 2400 feet.

Your request to utilize the well No. 3 for a disposal well for produced water from the White Mesa area is hereby approved subject to like approval by the Utah Oil and Gas Conservation Commission. Any deviation from the proposal submitted should receive prior approval.

Sincerely yours,

Carl C. Traywick

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

Form 9-331
(May 1963)

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.)

RECEIVED DEC 11 1975 OIL & MINING

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

1. OIL WELL ☐ GAS WELL ☐ OTHER: Water Injection

7. UNIT AGREEMENT NAME: White Mesa

2. NAME OF OPERATOR: Continental Oil Company

8. FARM OR LEASE NAME: White Mesa Unit

3. ADDRESS OF OPERATOR: P. O. Box 460, Hobbs, New Mexico 88240

9. WELL NO.: 3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1650' FNL & 990' FEL

10. FIELD AND POOL, OR WILDCAT: Desert Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 22, T-41S, R-24E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4586' DF

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	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Shut-In			☒
(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.)*

Status of Well: Shut-In
Approximate date that temp. aban. commenced: 9-10-69
Reason for temp. aban.: Pending Engineering Evaluation
Future plans for well: Hold for Secondary Recovery

Approximate date of future W. O. or plugging: Indefinite

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

SIGNED: [illegible] TITLE: Asst Supt DATE: 12-1-75

(This space for Federal or State office use)

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

USGS (5) FILE 406CC (2)

*See Instructions on Reverse Side

[redacted]ULATE TO:
DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL
RETURN TO
FOR FILING

May 18, 1976

MEMO FOR FILING

Re: Phillips Petroleum Company
White Mesa #3 S.W.D.
Sec. 22, T. 41 S., R. 24 E.
San Juan County, Utah

This disposal well was checked on May 6, 1976. At the time of the visit, the well was not being injected into. There are no pressure gauges on either the tubing or the casing side of the well. Also, several small leaks were noted on the well-head.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. GEOLOGICAL SURVEY

Well File

April 22, 1977

Mr. L.P. Thompson
Division Manager
Production Department
Continental Oil Company
P.O. Box 460
1001 N. Turner
Hobbs, New Mexico 88240

Re: White Mesa Unit
Water Disposal

Dear Mr. Thompson:

I have received your letter of April 12 relative to the usage of White Mesa Unit #3. At this time, I would like to apologize to you and your staff members, Mr. Lyon and Mr. Butterfield, for the apparent error caused by our clerical record-keeping. Inadvertently, this well was still carried as a shut-in injection well and had not been noted as a produced water disposal well.

We have perviously made a separation of what we consider to be wells utilized for water disposal and those used for injection purposes relative to increased oil recovery. Our purpose for this is the position the State has adopted concerning the Safe Water Drinking Act. For your information, I have taken the liberty of enclosing a copy of our position as drafted by the Attorney General's Office.

This may help you understand what appears to be over-zealousness on our part, but it appears to be that the State and the EPA are possibly headed for court adjudication and we wish to present a monitoring program that cannot be faulted. In this respect, I would like to request that daily logs of pressure be kept and recorded in conjunction with your log of daily volumes disposed of.

I thank you for your cooperation and understanding of the problem we are now faced with.

Very truly yours,

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

SUPERIOR OIL

RECEIVED
FEB 14 1984
DIVISION OF
OIL, GAS & MINING

February 9, 1984

Hal Balthrop
State of Utah
Oil, Gas & Mining
4241 State Office Bldg
Salt Lake City, Utah 84114

Re: Well Names
White Mesa/Gothic Mesa Units
San Juan County, Utah

Dear Sir:

Superior Oil Company has recently purchased Southland Royalty's interest in the White Mesa and Gothic Mesa Units and as of February 1, 1984 has taken over as operator. As operator we are in the process of establishing a standard for naming future wells to be drilled. In order for this system to be consistent existing well names will need to be changed. It is proposed that a system be implemented where by a well is named according to the section and 1/4-1/4 section in which the well lies.

Unless additional information is required Superior Oil will begin using the well names as cross referenced on the following attachments one week from the above date.

Sincerely,

SUPERIOR OIL COMPANY

James S. Andres

James S. Andres
Engineer

JSA/lh
Attach.

The Superior Oil Company *Western Division* *P.O. Drawer "G", Cortez, CO 81321*
(303) 565-3733, Twx: 910 929 6420

PROPOSED WELL NAMES WHITE MESA UNIT

WMU#	T	R	Sec.	API	WMU#	T	R	Sec.	API	WMU#	T	R	Sec.	API
1	41S	24E	23-21	16000	39			33-21		78	42S	24E	4-14	16448
2	"	"	23-41	16001	40			33-32	15352	79	"		4-34	16449
3	"	"	22-42	16437	41			34-12	15353	80	"		3-14	10254
4	"	"	22-32	15759	42			34-32	15354	81	"		3-34	10253
5	"		23-12	16002	43			35-12	15529	82	"		2-14	15537
6	"		23-32	16003	44			36-12	15530	83	"		10-41	16450
7	"		23-33	16004	45			35-23	15531	84	"		9-21	10256
8	"		23-23	16005	46			34-43	15355	85	"		8-41	15371
9	"		22-43	15760	47			34-23	16444	86	"		10-32	15372
10	"		22-23	16438	48			33-43	15356	87	"		11-11	10567
11	"		22-34	15761	49			33-23	16445	88	"		11-14	10570
12	"		23-14	16006	50	41S	24E	32-23	15357	89	Water Sply Well			
13	"		23-34	11208	51			32-14	10249	90	"	"	"	
14	"		27-41	16439	52			32-34	15358	91	"	"	"	
15	"		27-21	16254	53			33-14	10245	92	"	"	"	
16	"		28-41	16440	54			33-34	15359	93	"	"	"	
17	"		27-12	15345	55			34-14	15360	94	"	"	"	
18	"		27-32	15346	56			34-34	15361	95	"	"	"	
19	"		26-12	10563	57			35-14	15532	96	"	"	"	
20	"		25-23	10564	58			35-34	15533	97	"	"	"	
21	"		27-43	15347	59	42S	24E	1-41	NO API	98	"	"	"	
22	"		27-23	15348	60	42S	24E	2-21	15534	99	"	"	"	
23	"		27-13	10284	61	"		3-41	15362	100	"	"	"	
24	"		28-43	15349	62	"		3-21	15363	101	"	"	"	
25	"		28-23	10244	63	"		4-41	16446	102	"	"	"	
26	"		28-34	16441	64	"		4-21	15364	103	"	"	"	
27	"		27-14	10285	65	"		6-32	10257	104	"	"	"	
28	"		27-14A	11343	66	"		4-12	10255	105	"	"	"	
29			27-34	16255	67	"		4-32	15365	106	42S	24E	4-42	30078
30	"		26-14	10565	68	"		3-12	15366	107	41S	24E	34-24	30098
31			25-14	15525	69	"		3-32	15367	108	"		34-42	30102
32			25-34	10566	70	42S	24E	2-12	15535	109	42S	24E	4-33	30292
33			36-21	15526	71	"		2-32	15536	110	42S	24E	3-11	30293
34			35-41	15527	72	"		2-23	10568	111	"		3-22	30294
35			35-21	15528	73	"		3-43	15368	112	41S	24E	34-22	30295
36			34-41	16442	74	"		3-23	16447	113	"		34-33	30296
37			34-21	15350	75	"		4-43	15369	114	Proposed not drld			30329
38			33-41	16443	76	"		4-23	15370	115	"		4-31	30330
39			33-21	15351	77	"		5-13	16523	116	41S	24E	35-13	30331

Southland Royalty Company

February 17, 1984

DIVISION OF
OIL, GAS & MINING

Mr. Cleon B. Feight
State of Utah Natural Resources
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Dear Mr. Feight:

Effective February 1, 1984, Superior Oil Company will operate the White Mesa Unit and Gothic Mesa Unit in San Juan County, Utah. Any correspondence regarding either Unit should be directed to Superior Oil Company in Cortez, Colorado.

Sincerely,

SOUTHLAND ROYALTY COMPANY

Doug R. Harris

Doug R. Harris
Petroleum Engineer

DRH/eg

P.O. DRAWER 570 (505) 325-1841 FARMINGTON, NEW MEXICO 87401

Form 3160-5 (November 1983) (Formerly 9-331) WEW

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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 JUN 03 1985 DIVISION OF OIL GAS & MINING

Injection Well

1. OIL WELL ☐ GAS WELL ☐ OTHER SHUT-IN

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: 1650' FNL, 990' FEL Sec. 22, SE-NE

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7. UNIT AGREEMENT NAME: WHITE MESA UNIT

8. FARM OR LEASE NAME:

9. WELL NO.: #22-42 (formerly #3)

10. FIELD AND POOL, OR WILDCAT: GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 22, T41S, R24E, SLM

12. COUNTY OR PARISH: SAN JUAN

13. STATE: UTAH

14. PERMIT NO.: 43-037-16187

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR: 4586'

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) Plug and Abandon			X	(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.)*

DATE OF LAST PRODUCTION: JUNE, 1983

Superior Oil Company requests approval to Plug and Abandon the subject well as follows:

1) Knock out CIBP @ 2850'.
2) (a) Spot 100' plug (13.7 ft^3) Class 'B' cmt across Hermosa formation top - 4400'.
   (b) Circulate 47 bbls 9.2 + ppg mud (4350' - 2418').
3) (a) Spot 100' plug (13.7 ft^3) Class 'B' cmt across Cutler formation top - 2368'.
   (b) Circulate 23 bbls 9.2 + ppg mud (2318' - 1368').
4) (a) Perforate 1368' w/ 4JSPF. Spot 100' plug (37.8 ft^3) Class 'B' cmt across surface casing shoe (1318') inside and outside 5-1/2", 14#/ft csg.
   (b) Circulate 29 bbls 9.2 + ppg mud (1268' - 100').
5) Spot 100' plug (13.7 ft^3) Class 'B' cmt to surface.
6) Cut off wellhead and weld on dry hole marker.

Well logs indicate that the Desert Creek Zones I & II are absent in the subject well and there is no further use for this well. Should our request be approved, work will begin in 90 days.

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

SIGNED Wm H Edwards TITLE Engineer DATE 5-30-85

James S. Andres

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

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

DATE: 6/6/85

BY: John R. Baza

*See Instructions on Reverse Side

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.

Form 3160-5 (November 1983) (Formerly 9-331) WIW

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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 JUN 03 1985 DIVISION OF OIL GAS & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER SHUT-IN Injection Well

2. NAME OF OPERATOR: SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1650' FNL, 990' FEL Sec. 22, SE-NE

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7. UNIT AGREEMENT NAME: WHITE MESA UNIT

8. FARM OR LEASE NAME:

9. WELL NO.: #22-42 (formerly #3)

10. FIELD AND POOL, OR WILDCAT: GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 22, T41S, R24E, SLM

12. COUNTY OR PARISH: SAN JUAN

13. STATE: UTAH

14. PERMIT NO.: 43-037-16187

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR: 4586'

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) Plug and Abandon			X	(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.)*

DATE OF LAST PRODUCTION: JUNE, 1983

Superior Oil Company requests approval to Plug and Abandon the subject well as follows:

1) Knock out CIBP @ 2850'.
2) (a) Spot 100' plug (13.7 ft^3) Class 'B' cmt across Hermosa formation top - 4400'.
   (b) Circulate 47 bbls 9.2 + ppg mud (4350' - 2418').
3) (a) Spot 100' plug (13.7 ft^3) Class 'B' cmt across Cutler formation top - 2368'.
   (b) Circulate 23 bbls 9.2 + ppg mud (2318' - 1368').
4) (a) Perforate 1368' w/ 4JSPF. Spot 100' plug (37.8 ft^3) Class 'B' cmt across surface casing shoe (1318') inside and outside 5-1/2", 14#/ft csg.
   (b) Circulate 29 bbls 9.2 + ppg mud (1268' - 100').
5) Spot 100' plug (13.7 ft^3) Class 'B' cmt to surface.
6) Cut off wellhead and weld on dry hole marker.

Well logs indicate that the Desert Creek Zones I & II are absent in the subject well and there is no further use for this well. Should our request be approved, work will begin in 90 days.

2-7-86
This PxA notice & procedure is inconsistent w/ existing well bore configuration. A new procedure has subsequently been submitted. See Sundry notice dated 1-30-86.

JRB

ect

TITLE Engineer DATE 5-30-85

TITLE

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6/6/85
BY: John R. Baza

*See Instructions on Reverse Side

or any person knowingly and willfully to make to any department or agency of the statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

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

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7. UNIT AGREEMENT NAME: WHITE MESA UNIT

8. FARM OR LEASE NAME:

9. WELL NO.: 22-42

10. FIELD AND POOL, OR WILDCAT: GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 22, T41S, R24E, SLM

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 SHUT-IN DISPOSAL WELL

2. NAME OF OPERATOR: SUPERIOR OIL COMPANY *

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1650' FNL, 990' FEL, SECTION 22

14. PERMIT NO.: 43-037-16437

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR: 4586'

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(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.)*

Superior Oil Company * requests permission to plug and abandon the subject well as follows (see attached wellbore diagram):

1. Set a cement retainer at 2280'. Pump Class 'B' cmt slurry into retainer and squeeze Coconino perfs to 1000 psig. Sting out of retainer and spot 10 sxs cmt on top of retainer.
2. Spot 9.5 ppg bentonite gel mud from 1368' to 2200'.
3. Spot 100' Class 'B' cmt plug across bottom of the surface csg from 1268' to 1368'.
4. Circulate 9.5 ppg bentonite gel mud from surface to 1268'.
5. Spot 100' Class 'B' cmt plug to surface.
6. Cut off wellhead and weld on a dry hole marker.
7. Restore location to its original contour and seed in accordance with BIA requirements.

NOTE: This procedure is an ammendment of the sundry submitted May 30, 1985 requesting permission to plug and abandon the subject well. Verbal approval for this ammended procedure was received on January 22, 1986 via telephone conversation with Earl Beecher, BLM, Farmington.

* Mobil Oil Corporation as agent for the Superior Oil Company.

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

SIGNED Gregg A. Tripp TITLE Operations Engineer DATE 01-30-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

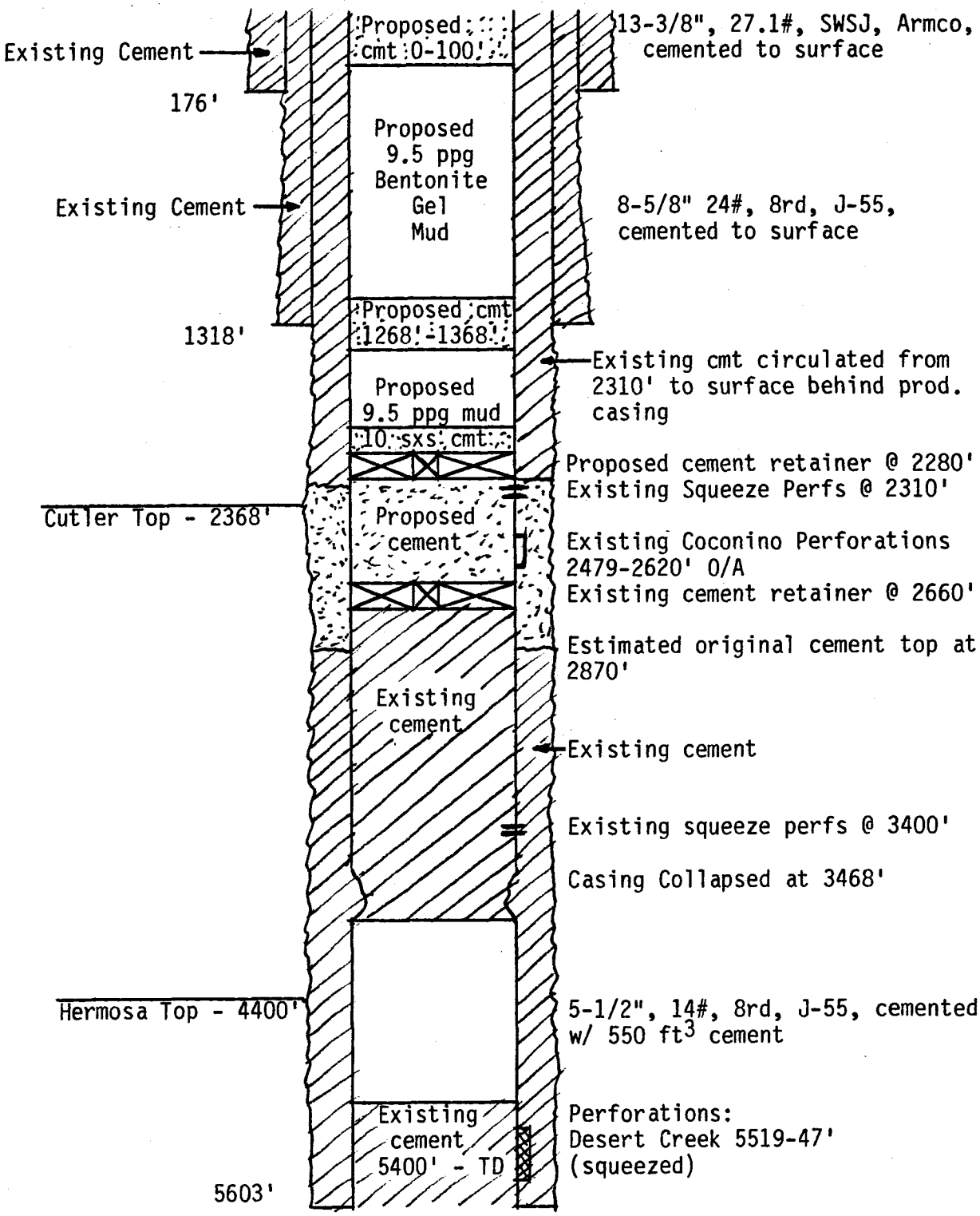
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 2/7/86
BY: John R. Baza

*See Instructions on Reverse Side

WHITE MESA UNIT #22-42
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

PROPOSED WELLBORE CONFIGURATION



Form 9-331
(May 1963)

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.
14-20-603-409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
WHITE MESA

8. FARM OR LEASE NAME
WHITE MESA UNIT

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
DESERT CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 22, T-41S, R-24E

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.)

RECEIVED APR 20 1977 DIVISION OF OIL, GAS, & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER WATER INJECTION

2. NAME OF OPERATOR
CONTINENTAL OIL COMPANY

3. ADDRESS OF OPERATOR
BOX 460, HOBBS, NEW MEXICO 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1650' FNL & 990' FEL OF SEC.

RECEIVED JUN 30 1986 DIVISION OF OIL, GAS & MINING

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4586' DF

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) CONVERT TO WATER DISPOSAL			

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.)*

It is proposed to convert the subject well from Water Injection to Water Disposal by the following procedure (Present status: Shut in) Plug back with class "C" cement to approx. 5300'. Perforate Coconino formation 2460' to 2640'. Acidize & inhibit for bacteria. Run tubing & packer. Before acidizing perfs, a block squeeze will be performed to prevent communication to surface.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: May 30, 1977
BY: [illegible]

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

SIGNED [illegible] TITLE Sr. Analyst DATE 10-4-74

(This space for Federal or State office use)

APPROVED BY [illegible] TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED
OCT 7 1974
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

USGS (Farmington)-3, UOE&GCC (Utah), Partners (6), File

RECEIVED
FEB 25 1988
DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SDW/DSCR

SUNDRY NOTICES AND REPORTS ON WELLS

030317

1. Oil Well /_/ Gas Well /_/ Other: Disopsal Well

2. Name of Operator
MOBIL OIL CORPORATION

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

4. Location of Well

1650' FNL, 990' FEL

5. Lease Designation & Serial No.
14-20-603-355A

6. If Indian, Allottee or Tribe Name
NAVAJO

7. Unit Agreement Name
White Mesa

8. Farm or Lease Name
-

9. Well No.
22-42

10. Field and Pool, or Wildcat
Greater Aneth

11. Sec. T,R,M or BLK and Survey or Area
Section 22, T41S, R24E SLM

12. County, Parish
San Juan

13. State
Utah

14. Permit No.
43-037-16437

15. Elevations (DF, RT, GR)
GR: 4586'

---

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

Notice of Intention To:				Subsequent Report of:			
Test Water Shut-off	/_/	Pull or Alter Casing	/_/	Water Shut-off	/_/	Repairing Well	/_/
Fracture Treat	/_/	Multiple Complete	/_/	Fracture Treatment	/_/	Altering Casing	/_/
Shoot or Acidize	/_/	Abandon *	/_/	Shooting/Acidizing	/_/	Abandonment *	/_/
Repair Well	/_/	Change Plans	/_/	(Other)	/_/		
(Other)		Extension of SI Status	/XX/	(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 zone pertinent to this work) *

Due to current economic conditions within the oil industry and to the fact that the existing waterflood has provided insufficient information to evaluate future expansion, Mobil Oil Corporation requests extension of the current Shut-in status.

Accepted
~~APPROVED~~ BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3-4-88
BY: [signature]

---

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

Signed: [signature] Title: Sr Staff Op Engr Date: 2-22-88
D. C. Collins

(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 knowlingly 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.

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

February 2, 1987

Clyde J. Benally
Mobil Oil Corporation
P.O. Box G
Cortez, Colorado 81321

Dear Mr. Benally:

RE: Request for Well Status and Recent Repairs

Reference is made to the sundry dated 1/30/86 received by the Division concerning the White Mesa 22-42, Sec. 22, T41S, R24E, San Juan County, Utah. The sundry requested approval to plug and abandon the subject well and acceptance of the program was granted by this Division on 2/7/86.

Since this office has not received either a notice of intention or a subsequent report of operations concerning this well since 1/30/86, the Division requests an updated well status report, and a report of any repairs, treatments or abandonment operations which may have been performed on this well since 1/30/86.

Thank you for your prompt attention to this matter. If there are any questions concerning this request, please contact this office at (801)538-5340.

Sincerely,

Dorothy B. Swindel

Dorothy B. Swindel
UIC Geologist

mfp
0224U/1

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: MOBIL OIL CORPORATION LEASE: INDIAN

WELL NAME: WHITE MESA UNIT 22-42 #3 INJ API: 43-037-16437

SEC/TWP/RNG: 22 41.0 S 24.0 E CONTRACTOR:

COUNTY: SAN JUAN FIELD NAME: GREATER ANETH

DRILLING/COMPLETION/WORKOVER:
_ APD _ WELL SIGN _ HOUSEKEEPING _ BOPE
_ SAFETY _ POLLUTION CNTL _ SURFACE USE _ PITS
_ OPERATIONS _ OTHER

SHUT-IN _ / TA _:
_ WELL SIGN _ HOUSEKEEPING _ EQUIPMENT * _ SAFETY
Y OTHER

ABANDONED:
_ MARKER _ HOUSEKEEPING _ REHAB _ OTHER

PRODUCTION:
_ WELL SIGN _ HOUSEKEEPING _ EQUIPMENT * _ FACILITIES *
_ METERING * _ POLLUTION CNTL _ PITS _ DISPOSAL
_ SECURITY _ SAFETY _ OTHER

GAS DISPOSITION:
_ VENTED/FLARED _ SOLD _ LEASE USE

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:
THIS IS A DISPOSAL WELL

REMARKS:
WELL IS SI

ACTION:

INSPECTOR: PAT DEGRUYTER DATE: 05/01/86

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well /_/ Gas Well /_/ Other: WATER DISPOSAL

2. Name of Operator
MOBIL OIL CORPORATION

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

4. Location of Well

1650' FNL, 900' FEL

5. Lease Designation & Serial No.
14-20-603-355A

6. If Indian, Allottee or Tribe Name
NAVAJO

7. Unit Agreement Name
White Mesa

8. Farm or Lease Name
-

9. Well No.
22-42

10. Field and Pool, or Wildcat
Greater Aneth

11. Sec. T,R,M or BLK and Survey or Area
Section 22 T41S R24E SLM

12. County, Parish
San Juan

13. State
Utah

14. Permit No.

15. Elevations (DF, RT, GR)
GR: 4586'

---

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

Notice of Intention To:				Subsequent Report of:			
Test Water Shut-off	/_/	Pull or Alter Casing	/_/	Water Shut-off	/_/	Repairing Well	/_/
Fracture Treat	/_/	Multiple Complete	/_/	Fracture Treatment	/_/	Altering Casing	/_/
Shoot or Acidize	/_/	Abandon *	/XX/	Shooting/Acidizing	/_/	Abandonment *	/_/
Repair Well	/_/	Change Plans	/_/	(Other)	/_/		
(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 zone pertinent to this work) *

Mobil Oil Corporation plans to plug and abandon the subject well as per the attached procedure.

COPY

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8-18-88
BY: John R. Baza

---

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

Signed: D. C. Collins Title: Sr Staff Operations Engr Date: August 8 1988
D. C. Collins

(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 knowlingly 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.

WHITE MESA UNIT 22-42
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

PLUG AND ABANDONMENT PROCEDURE

1. MIRU. Install and test BOP's. POOH w/ 2-7/8" tbg and Lock Set pkr.

2. RIH w/ bit and casing scraper to 2300'. POOH.

   NOTE: Notify BLM 24 hrs prior to beginning plugging operations.

3. Set cement retainer at 2280'. Stab into retainer and squeeze Coconino perforations 2479/2620' w/ 150 sx Class B cement to 1000 psi. Pull out of retainer and spot 100 foot cement plug 2180' to 2280'.

4. Circ hole full of 9.5# bentonite mud.

5. Spot 100 foot Class B cement plug across bottom of surface casing from 1368' to 1268'.

6. Spot 100 foot Class B cement plug at surface.

7. Cut off wellhead and weld on dry hole marker. Restore location as per BLM requirements.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Designation & Serial No.
14-20-603-355A

6. If Indian, Allottee or Tribe Name
NAVAJO

1. Oil Well /_/ Gas Well /_/ [redacted]

7. Unit Agreement Name
White Mesa

2. Name of Operator
MOBIL OIL CORPORATION

8. Farm or Lease Name
-

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

9. Well No.
22-42

4. Location of Well

1650' FNL, 990' FEL

10. Field and Pool, or Wildcat
Greater Aneth

11. Sec. T,R,M or BLK and Survey or Area
Section 22, T41S, R24E SLM

RECEIVED
APR 05 1989
DIVISION OF
OIL, GAS & MINING

8

14. Permit No. 43-037-16437

15. Elevations (DF, RT, GR) GR: 4586'

12. County, 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	/_/	Pull or Alter Casing	/_/	Water Shut-off	/_/	Repairing Well	/_/
Fracture Treat	/_/	Multiple Complete	/_/	Fracture Treatment	/_/	Altering Casing	/_/
Shoot or Acidize	/_/	Abandon *	/_/	Shooting/Acidizing	/_/	Abandonment *	/XX/
Repair Well	/_/	Change Plans	/_/	(Other)	/_/		
(Other)		Extension of SI Status	/_/				

(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 zone pertinent to this work) *

3-27-89 MIRU. Released Lock-set pkr and POOH w/ tbg and pkr. RIH w/ 4-1/2" bit and csg scraper to 2841'. POOH w/ tbg.

3-28-89 Lay dwn 78 jts tbg. PU 72 jts new tbg. Set cement retainer @ 2271'. Squeezed Coconino perfs 2479-2620' w/ 160 sx Class B cement to 2200 psi - 125 sx below retainer. Spotted 300' cement on top of retainer. Circ hole w/ bentonite mud 1870' to 1350'. Spotted 100' cement plug 1368' to 1268'. Circ hole w/ 9.5# bentonite mud from 1268' to surface. Spotted 125' cement plug @ surface. RDMO.

---

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

Signed: D. C. Collins Title: Sr Staff Op Engr Date: 3-31-89

(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 knowlingly 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.

CEMENTING SERVICE REPORT Page 1 of 2

DS-490 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	DATE
15-64 2012	5-28-89
STAGE	DISTRICT
1	Cortez Co.

WELL NAME AND NO.	LOCATION (LEGAL)	RIG NAME
White Mesa Unit 22-42	Sec 22-T41S-R24E	Big A
FIELD-POOL	FORMATION	
—	—	
COUNTY/PARISH	STATE	API. NO.
San Juan	Utah	

NAME Mobil

AND

ADDRESS

ZIP CODE

WELL DATA:		BOTTOM			TOP
BIT SIZE	CSG/Liner Size	5 1/2			
TOTAL DEPTH	WEIGHT	14#			
☐ROT ☐CABLE	FOOTAGE	—			
MUD TYPE Gel	GRADE	K55			
☐BHST ☐BHCT	THREAD	8RL			
MUD DENS. 10.1	LESS FOOTAGE SHOE JOINT(S)	—			TOTAL
MUD VISC.	Disp. Capacity	—			

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

SHOE			Stage Tool		
Float	TYPE			TYPE	
	DEPTH			DEPTH	
	TYPE			TYPE	
	DEPTH			DEPTH	

SPECIAL INSTRUCTIONS

Plug & Abandon well w/ 3 plugs
1) 150 sx Below Retainer at 2271' w/ 100' Cem on top
2) 155 sx (100') Plug from 1368' To 1268'
3) 100' Surface plug. 10.1# mud

Head & Plugs			SQUEEZE JOB	
☑TBG	☐D.P.		TOOL TYPE	M/S Retainer
☑Double	SIZE	2 7/8	TOOL DEPTH	2271
☐Single	☐WEIGHT	6.5		
☐Swage	☐GRADE	J55	TAIL PIPE: SIZE	DEPTH
☐Knockoff	☐THREAD	8RL	TUBING VOLUME	13.5 Bbls
TOP ☐R ☐W	☐NEW ☑USED		CASING VOL. BELOW TOOL	4.5 Bbls
BOT ☐R ☐W	DEPTH	2271	TOTAL	17.8 Bbls
		.00579	ANNUAL VOLUME	Bbls

IS CASING/TUBING SECURED? ☑ YES ☐ NO Retained.

LIFT PRESSURE PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 2000 PSI BUMP PLUG TO — PSI

ROTATE — RPM RECIPROCATE — FT No. of Centralizers —

JOB SCHEDULED FOR TIME: 0900 DATE: 3-28 ARRIVE ON LOCATION TIME: 0730 DATE: 3-28 LEFT LOCATION TIME: 3-28 DATE: 1530

TIME 0001 to 2400	PRESSURE TBG OR D.P.	PRESSURE CASING	VOLUME PUMPED BBL INCREMENT	VOLUME PUMPED BBL CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
0730								PRE-JOB SAFETY MEETING - Rig up Equipment.
1110		500	1		2	H2O		Load B/S & Pressure test Casing.
1113								Press Test Surface Lines to 2000 PSI
1116		1500			.3	H2O		Pump down Tubing for Inj. Rate.
		1810	15	16	2.1			Pump into it 2 BPM 1800 PSI
1125		1700			2	Cem	15.8	START mixing Cem
1141		1690	32	48	1.9	H2O		Cem mixed START Disp.
1152		2200	6.1	54.1				Shut down - Sting out of Retainer.
								Pull 10 Jts Tubing. + Reverse Circ.
1207		800			4	H2O		START Reverse Circulation
1220		800	47	101.1				Reverse out Complete - Reversed 48 bbl Cem.
1222	—	420			3-8	mud	10.1	START Pumping mud.
1226		410	15	116.1		H2O		Pump water to spot mud.
								Shut down Pull Tubing.
1247						Cem	15.8	Bring Cem up to w/ in tub.
1249		580	3	119.	2.5	"	"	Pump Cem down Hole
1251			7.4	126.5		H2O		Pump water to Spot Cement.

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLS	SLURRY MIXED DENSITY
1.	200	1.15	Cl G Neat	40	15.8
2.					
3.					
4.					
5.					
6.					

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 2500	MIN: —
☐ HESITATION SQ. ☐ RUNNING SQ.	CIRCULATION LOST	☐YES ☐NO	Cement Circulated To Surf.	☑YES ☐NO	Bbls.
BREAKDOWN PSI FINAL PSI	DISPLACEMENT VOL.	Bbls	TYPE OF WELL	☑OIL ☑GAS	☐STORAGE ☐INJECTION ☐BRINE WATER ☐WILDCAT
Washed Thru Perfs ☐YES ☐NO TO FT	MEASURED DISPLACEMENT ☑	☐WIRELINE			
PERFORATIONS TO TO TO TO	CUSTOMER REPRESENTATIVE		DS SUPERVISOR		

Moore® 303

CEMENTING SERVICE REPORT SUPPLEMENT LOG

DS-496-1 PRINTED IN U.S.A.

DATE	CUSTOMER WELL NAME AND NUMBER	LOCATION (LEGAL)	DS LOCATION	TREATMENT NUMBER	PAGE
3-28-89	White Mesa #22-42	Sec 22 41S -24E	Cortez Co.	15-69-2012	2 OF 2 PAGES

TIME 0001 to 2400	PRESSURE TBG. OR D.P.	PRESSURE CASING	VOLUME PUMPED BBL INCREMENT	VOLUME PUMPED BBL CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
1253				126.5		H_2O		Shut down - Cem on spot 1368' to 1268'
								Pull Tubing.
1300	-	350			3.8	mud	10.1	START Pumping mud
1315	—		50	176.5				Shut down - mud circulated to Surf.
								Pull Tubing & Strip BOP's
1407	—	—				Cem	15.8	Pump cement Till it Circulates
1410	—	—	6	182.5				Cem circulated - shut down.
								Plugged 100' To Surface.
								Job Complete - Rig down Equip.

Form 3160-5
(June 1990)

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-603-355A
6. If Indian, Allottee or Tribe Name: Navajo Tribal
7. If Unit or CA, Agreement Designation: White Mesa Unit
8. Well Name and No.: 22-42
9. API Well No.: 43-037-16437
10. Field and Pool, or Exploratory Area: Greater Aneth
11. County or Parish, State: San Juan, UT

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other INJECTION WELL - WELL IS P & A'D
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)
1650' FNL, 990' FEL, Sec. 22, T41S, R24E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
	☐ Recompletion	☐ New Construction
☐ Subsequent Report	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
☐ Final Abandonment Notice	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Change of Operatorship	☐ 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.)*

As of October 1, 1992

US Oil & Gas, Inc.
P.O. Box 270
Dolores, CO 81323

Will Be Taking Over Operatorship

RECEIVED
NOV 0 2 1992
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Shirley Todd Title Env. & Reg. Technician Date 10-23-92

(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

US Oil & Gas, Inc.

December 21, 1992

RECEIVED
DEC 24 1992
DIVISION OF
OIL GAS & MINING

ATTN: Lesha Romero
Utah Natural Resources
Oil, Gas & Mining
3 Triad Center
Suite 350
Salt Lake City, UT 84180-1203

Dear Ms. Romero:

Effective October 1, 1992 US Oil & Gas, Inc., purchased and took over operations of the White Mesa Unit in the Greater Aneth, Utah area from Mobil E. & P.N.A.

Attached is a listing of the wells effected by this purchase.

Enclosed are copies of the sundry notices filed with the B.L.M. since USO & G took over operations.

Thank You,

Mandy Woosley

Mandy Woosley,
Corporate Secretary

MW/lu

Enclosures

P.O. Box 270 • Dolores, Colorado 81323 • (303) 882-7923

Type: Oil Well
Location: 2009' FSL, 610' FEL, Sec. 28, T41S, R24E
Lease: 14-20-603-409
Name: ~~28-34~~ 28-43
API No: 43-037-15349

Type: Oil Well
Location: 1936' FSL, 1943' FWL, Sec. 21, T41S, R24E
Lease: 14-20-603-409
Name: 27-23
API No: 43-037-15345

Type: Oil Well
Location: 2070' FNL, 2110' FWL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-32
API No: 43-037-15621

Type: Oil Well
Location: 503' FSL 1980' FEL Sec. 32, T41S, R24E
Lease: 14-20-603-407
Name: 32-34
API No: 43-037-15358

Type: Oil Well
Location: 1980' FNL, 679' FWL, Sec. 27, T41S, R24E
Lease: 14-20-603-409
Name: 27-12
API No: 43-037-15345

Type: Oil Well
Location: 660' FSL, 1660' FWL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-14
API No: 43-037-16006

Type: Oil Well
Location: 570' FNL, 815' FEL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-41
API No: 43-037-15362

Type: Oil Well
Location: 345' FSL, 1980' FEL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-34
API No: 43-037-15533

Type: Oil Well
Location: 1545' FSI, 1865' FWL, Sec. 32, T41S, R24E
Lease: 14-20-603-407
Name: 32-23
API No: 43-037-15357

Type: Oil Well
Location: 660' FNL, 1980' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258A
Name: 35-21
API No: 43-037-15528

Type: Oil Well
Location: 556' FNL, 625' FEL, Sec. 8, T42S, R24E
Lease: 14-20-603-408
Name: 8-41
API No: 43-037-15371

Type: Oil Well
Location: 1266' FSL, 785' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-258
Name: 35-12
API No: 43-037-15529

Type: Oil Well
Location: 500' FNL, 1980' FWL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-21
API No: 43-037-15535

Type: Oil Well
Location: 1266' FSL, 785' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-43
API No: 43-037-15355

Type: Oil Well
Location: 352' FSL, 1942' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-34
API No: 43-037-15361

Type: Oil Well
Location: 1927' FNL, 1909' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-32
API No: 43-037-15354

Type: Oil Well
Location: 1476' FSL, 1928' FWL, Sec. 34. T41S, R24E
Lease: 14-20-603-409
Name: 34-23
API No: 43-037-16444

Type: Oil Well
Location: 535' FNL, 2059' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-21
API No: 43-037-15350

Type: Oil Well
Location: 496' FSL, 602' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-14
API No: 43-037-15360

Type: Oil Well
Location: 1760' FNL, 715' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-12
API No: 43-037-15353

Type: Oil Well
Location: 698' FSL, 1843' FEL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-34
API No: 43-037-15359

Type: Oil Well
Location: 1547' FSL, 1918' FWL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-23
API No: 43-037-16445

Type: Oil Well
Location: 660' FNL, 1980' FWL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-21
API No: 43-037-15364

Type: Oil Well
Location: 563' FNL, 1980' FSL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-21
API No: 43-037-15363

Type: Oil Well
Location: 1983' FNL, 475' FWL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-12
API No: 43-037-15366

Type: Oil Well
Location: 1980' FNL, 1980' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-32
API No: 43-037-15365

Type: Oil Well
Location: 625' FSL, 1995' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-24
API No: 43-037-30098

Type: Oil Well
Location: 820' FNL, 2100' FWL, Sec. 27, T41S, R24E
Lease: 14-20-603-409A
Name: 27-21
API No: 43-037-15348

Type: Oil Well
Location: 510' FSL, 2140' FEL, Sec. 23, T41S, R24E
Lease: 14-20-603-355A
Name: 22-34
API No: 43-037-15761

Type: Oil Well
Location: 2080' FNL, 500' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-42
API No: 43-037-30102

Type: Oil Well
Location: 1975' FNL, 2013' FWL, Sec. 27, T41S, R24E
Lease: 14-20-603-409A
Name: 22-27 27-22
API No: 43-037-31064

Type: Oil Well
Location: 554' FSL, 464' FEL, Sec. 33 T41S, R24E
Lease: 14-20-603-409
Name: 33-44
API No: 43-037-15359

Type: Oil Well
Location: 1900' FSL, 615' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-13
API No: 43-037-30331

Type: Oil Well
Location: 1980' FNL, 660' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-42
API No: 43-037-30078

Type: Oil Well
Location: 796' FSL, 2159' FWL, Sec. 4 T42S, R24E
Lease: 14-20-603-410
Name: 4-24
API No: 43-037-31006

Type: Oil Well
Location: 2040' FSL, 740' FWL, Sec. 36, T41S R24E
Lease: 14-20-603-258
Name: 36-12
API No: 43-037-15530

Type: Oil Well
Location: 1980' FNL, 1980' FEL, Sec. 10, T42S, R24E
Lease: 14-20-603-410
Name: 10-32
API No: 43-037-15372

Type: Oil Well
Location: 1529' FSL, 365' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-13
API No: 43-037-31066

Type: Oil Well
Location: 1980' FNL, 1980' FWL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-22
API No: 43-037-30295

Type: Oil Well
Location: 2140' FEL, 820' FSL, Sec. 27, T41S, R24E
Lease: 14-20-603-409A
Name: 27-34
API No: 43-037-16255

Type: Oil Well
Location: 2118' FSL, 740' FEL, Sec. 27, T41S, R24E
Lease: 14-20-603-409
Name: 27-43
API No: 43-037-15347

Type: Oil Well
Location: 1980' FSL, 660' FEL, Sec. 22, T41S R24E
Lease: 14-20-603-355A
Name: 22-43
API No: 43-037-15760

Type: Oil Well
Location: 2140' FNL, 820' FWL, Sec 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-12
API No: 43-037-16002

Type: Oil Well
Location: 660' FNL, 1980' FWL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-21
API No: 43-037-16000

Type: Oil Well
Location: 1050' FEL, 1600' FNL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-42
API No: 43-037-31043

Type: Oil Well
Location: 271' FNL, 987' FWL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-11
API No: 43-037-31005

Type: Oil Well
Location: 2105' FNL, 584' FWL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-12
API No: 43-037-15535

Type: Oil Well
Location: 675' FSL, 530' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-14
API No: 43-037-15532

Type: Oil Well
Location: 1250' FSL, 2040' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-23
API No: 43-037-15531

Type: Oil Well
Location: 760' FNL, 1980' FWL, Sec. 36, T41S R24E
Lease: 14-20-603-258
Name: 36-21
API No: 43-037-15526

Type: Oil Well
Location: 660' FSL, 660' FWL, Sec. 25, T41S, R24E
Lease: 14-20-603-258
Name: 25-14
API No: 43-037-15525

Type: Oil Well
Location: 1800' FSL, 2163' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-33
API No: 43-037-30296

Type: Oil Well
Location: 850' FNL, 1740' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-31
API No: 43-037-30330

Type: Oil Well
Location: 553' FSL, 664' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-44
API No: 43-037-31067

Type: Oil Well
Location: 1800' FSL, 2163' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-409
Name: 34-33
API No: 43-037-30296

Type: Oil Well
Location: 490' FNL, 2318' FEL, Sec. 34, T41S, R24E
Lease: 14-20-603-410
Name: 34-31
API No: 43-037-31054

Type: Oil Well
Location: 713' FNL, 975' FWL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-11
API No: 43-037-30293

Type: Oil Well
Location: 1980' FSL, 2080' FEL, Sec. 4, R42S R24E
Lease: 14-20-603-410
Name: 4-33
API No: 43-037-30292

Type: Oil Well
Location: 810' FNL, 660' FEL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-41
API No: 43-037-16001

Type: Oil Well
Location: 667' FNL, 776' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-41
API No: 43-037-16446

Type: Oil Well
Location: 660' FWL, 1980' FWL Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-21
API No: 43-037-15528

Type: Oil Well
Location: 1849' FNL, 2051' FEL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-32
API No: 43-037-16003

Type: Oil Well
Location: 684' FSL, 1984' FEL, Sec. 28, T41S, R24E
Lease: 14-20-603-409
Name: 28-34
API No: 43-037-16441

Type: Oil Well
Location: 1650' FNL, 990' FEL, Sec. 22, T41S, R24E
Lease: 14-20-603-355A
Name: 22-42
API No: 43-037-16437

Type: Oil Well
Location: 2001' FSL, 440' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-43
API No: 43-037-15369

Type: Oil Well
Location: 1528' FSL, 663' FEL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-43
API No: 43-037-155356

Type: Oil Well
Location: 711' FNL, 584' FEL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-41
API No: 43-037-16443

Type: Oil Well
Location: 1950' FNL, 1980' FEL, Sec. 22, T41S, R24E
Lease: 14-20-603-355A
Name: 22-32
API No: 43-037-15759

Type: Oil Well
Location: 1980' FSL, 1980' FWL, Sec. 22, T41S, R24E
Lease: 14-20-603-355A
Name: 22-23
API No: 43-037-16438

Type: Oil Well
Location: 660' FNL, 2073' FEL, Sec. 4, T42S, R24E
Lease: 14-20-603-410
Name: 4-34
API No: 43-037-16449

Type: Oil Well
Location: 724' FSL, 694' FWL, Sec. 4, T41S, R24E
Lease: 14-20-603-410
Name: 4-14
API No: 43-037-16448

Type: Oil Well
Location: 200' FSL, 2042' FWL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-23
API No: 43-037-06447

Type: Oil Well
Location: 1980' FSL, 1980' FWL, Sec. 23, T41S, R24E
Lease: 14-20-603-370B
Name: 23-23
API No: 43-037-16005

Type: Oil Well
Location: 820' FSL, 500' FWL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-14
API No: 43-037-15537

Type: Oil Well
Location: 1662' FNL, 1576' FWL, Sec. 35, T41S, R24E
Lease: 14-20-603-258
Name: 35-22
API No: 43-307-31068

Type: Oil Well
Location: 2030' FSL, 550' FEL, Sec. 3, T42S, R24E
Lease: 14-20-603-410
Name: 3-43
API No: 43-037-15368

Type: Oil Well
Location: 2057' FNL, 2326' FWL, Sec. 4, T24S, R24E
Lease: 14-20-603-410
Name: 4-22
API No: 43-037-31069

Type: Oil Well
Location: 1980' FNL, 1980' FEL, Sec. 33, T41S, R24E
Lease: 14-20-603-409
Name: 33-32
API No: 43-037-15352

Type: Oil Well
Location: 1980' FNL, 1813' FEL, Sec. 27, T41S, R24E
Lease: 14-20-603-409
Name: 27-32
API No: 43-037-15346

Type: Oil Well
Location: 1864' FSL, 1942' FWL, Sec. 28, T41S, R24E
Lease: 14-20-603-409
Name: 28-23
API No: 43-037-10244

Type: Oil Well
Location: 730' FNL, 559' FEL, Sec. 28, T41S, R24E
Lease: 14-20-603-409
Name: 28-41
API No: 43-037-16440

Type: Oil Well
Location: 1820' FNL, 1860' FEL, Sec. 2, T42S, R24E
Lease: 14-20-603-259
Name: 2-32
API No: 43-037-15536

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
JAN 07 1993
DIVISION OF OIL GAS & MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: _____

Field or Unit name: WHITE MESA UNIT API no. _____

Well location: QQ ____ section ___ township ____ range ____ county _____

Effective Date of Transfer: 10-01-92

CURRENT OPERATOR

Transfer approved by:

Name Shirley Todd Company MOBIL OIL CORPORATION

Signature Shirley Todd Address P O Box 633

Title Engineer Technician Midland, TX 79705

Date 12-29-92 Phone (915) 688-2585

Comments:

NEW OPERATOR

Transfer approved by:

Name Mandy Woosley Company U.S. OIL & GAS INC.

Signature Mandy Woosley Address P.O. Box 270

Title Corporation Secretary Dolores, CO 81323

Date 1/5/93 Phone (303) 882-7923

Comments:

(State use only)
Transfer approved by D. Hunt Title UIC Manager

Approval Date 1-14-93

(3/89)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR	GIL
2- DTS/7- LCR	
3- VLC	
4- RJF	
5- RWM	
6- ADA	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

XX Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-01-92)

TO (new operator) U S OIL & GAS, INC.
(address) PO BOX 270
DOLORES, CO 81323
MANDY WOOSLEY
phone (303) 882-7923
account no. N7420

FROM (former operator) M E P N A (MOBIL OIL CORPORATION)
(address) POB 219031 1807A RENTWR
DALLAS, TX 75221-2585
SHIRLEY TODD/MIDLAND, TX
phone (915) 688-2585
account no. N 7370

Well(s) (attach additional page if needed): *WHITE MESA UNIT (NAVAJO)

Name	API	Entity	Sec	Twp	Rng	Lease Type
SEE ATTACHED						

OPERATOR CHANGE DOCUMENTATION

lcr 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 11-2-92)

lcr 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 11-2-92) (Reg. 12-16-92) (Rec'd 12-24-92)

lcr 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: #165940.

* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.

lcr 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (12-29-92)

lcr 6. Cardex file has been updated for each well listed above. (12-29-92)

lcr 7. Well file labels have been updated for each well listed above. (12-29-92)

lcr 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (12-29-92)

lcr 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

- OVER -

ERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ITY REVIEW

lcf 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

ND VERIFICATION (Fee wells only)

N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

N/A 2. A copy of this form has been placed in the new and former operators' bond files.

N/A 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___.

ASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

pcs 1/19/93

N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

LMING

✓ 1. All attachments to this form have been microfilmed. Date: _____ 19____.

LING

lcf 1. Copies of all attachments to this form have been filed in each well file.

lcf 2. The original of this form and the original attachments have been filed in the Operator Change file.

MMENTS

921216 Bhm/Farmington N.M Not approved by the BIA as of yet.

921229 Bhm/Farmington N.M. " "

921229 MEPNA/US Oil & Gas - Requested UIC Form 5 (Oper. chg. per Admin.) *Rec'd 1-7-93.

71/34-35

US OIL & GAS, INC.

March 22, 1999

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Status Report

Dear Mr. Staley:

Please accept the enclosed document as the Annual Status Report as required by UT Admin. R 649-8-10 for the White Mesa Unit which is located in the Greater Aneth Area, Southeastern, UT.

If you have any questions or comments, please feel free to call me either at the phone listed below or I can also be reached at cellular (970) 560-1141.

Sincerely,

Patrick B. Woosley

Patrick B. Woosley, Vice President
By MW

PB/mw

Enclosures

525 N. BROADWAY – CORTEZ, CO 81321
PHONE (970) 565-0793 FAX (970) 565-7112

43-037-16438

WHITE MESA UNIT WELLS BY TRACTS & STATUS

TRACT # 1 LEASE # 14-20-603-258

WELLS #
- 26-12 P&Ad
- 26-14 P&Ad
- 25-23 P&Ad
- 25-14 POW
- 25-34 P&Ad
- 35-21 P&Ad
- 35-41 P&Ad
- 35-22 P&Ad
- 35-12 WIW
- 35-13 POW
- 35-14 POW
- 35-23 T&Ad (PA)
- 35-34 POW

TRACT # 2 LEASE # 14-20-603-258

WELLS #
- 36-21 POW
- 36-12 POW
- 36-22 P&Ad

TRACT # 3 LEASE # 14-20-603-259

WELLS #
- 2-11 POW
- 2-21 WIW
- 2-12 POW
- 2-23 P&Ad
- 2-23 P&Ad
- 2-14 P&Ad
- 11-11 D&Ad

TRACT # 5 LEASE # 14-20-603-355

WELLS #
- 22-32 P&Ad
- 22-42 P&Ad
- 22-23 P&Ad
- 22-43 POW
- 22-34 POW

TRACT # 6 LEASE # 14-20-603-370

WELLS #
- 23-21 POW
- 23-41 POW
- 23-12 POW
- 23-32 P&Ad
- 23-42 POW
- 23-23 P&Ad
- 23-33 P&Ad
- 23-14 POW
- 23-34P&Ad

TRACT # 7 LEASE # 14-20-603-407

WELLS #
- 32-23 POW
- 32-14 P&Ad
- 32-34 POW

TRACT # 8 LEASE # 14-20-603-408

WELLS #
- 5-43 P&Ad
- 8-41 P&Ad

TRACT # 10 LEASE # 14-20-603-409 A

WELLS #
- 27-41 P&Ad
- 27-32 P&Ad
- 27-14 P&Ad
- 27-13 P&Ad
- 27-23 POW
- 27-14A P&Ad

TRACT # 9 LEASE # 14-20-603-409

WELLS #
- 27-21 POW
- 27-22 POW
- 28-43 P&Ad
- 28-34 P&Ad
- 27-34 POW
- 33-21 P&Ad
- 34-31 POW
- 33-32 P&Ad
- 33-23 POW
- 33-34 WIW
- 34-23 WIW
- 34-22 POW
- 34-42 POW
- 34-44 POW
- 27-12 POW
- 28-41 P&Ad
- 28-23 P&Ad
- 27-43 POW
- 33-41 P&Ad
- 33-43 P&Ad
- 33-44 POW
- 34-34 WIW
- 34-21 WIW
- 34-41 P&Ad
- 34-12 WIW
- 34-32 WIW
- 34-24 POW
- 34-43 P&Ad
- 33-14 P&Ad
- 34-13 POW
- 34-14 WIW
- 34-33 POW

TRACT # 11 LEASE # 14-20-603 410

WELLS #
- 4-21 WIW
- 4-31 POW
- 4-41 POW
- 4-42 POW
- 4-12 P&Ad
- 4-22 P&Ad
- 4-34 P&Ad
- 3-14 P&Ad
- 4-32 T&Ad
- 4-23 P&Ad
- 4-33 POW
- 4-43 P&Ad
- 4-14 P&Ad
- 4-24 POW
- 3-11 T&Ad
- 3-34 P&Ad
- 3-21 WIW
- 3-41 POW
- 3-12 WIW
- 3-32 POW
- 3-22 PURPOSED
- 3-23 P&Ad
- 3-43 P&Ad
- 9-21 P&Ad
- 10-31 POW
- 10-41 P&Ad

US OIL & GAS, INC.

March 22, 1999

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Status Report

Dear Mr. Staley:

Please accept the enclosed document as the Annual Status Report as required by UT Admin. R 649-8-10 for the White Mesa Unit which is located in the Greater Aneth Area, Southeastern, UT.

If you have any questions or comments, please feel free to call me either at the phone listed below or I can also be reached at cellular (970) 560-1141.

Sincerely,

Patrick B. Woosley

Patrick B. Woosley, Vice President
By MW

PB/mw

Enclosures

525 N. BROADWAY – CORTEZ, CO 81321
PHONE (970) 565-0793 FAX (970) 565-7112

43-037-16437

WHITE MESA UNIT WELLS BY TRACTS & STATUS

TRACT # 1 LEASE # 14-20-603-258

WELLS # 26-12 P&Ad
26-14 P&Ad
25-23 P&Ad
25-14 POW
25-34 P&Ad
35-21 P&Ad
35-41 P&Ad
35-22 P&Ad
35-12 WIW
35-13 POW
35-14 POW
35-23 T&Ad (PA)
35-34 POW

TRACT # 2 LEASE # 14-20-603-258

WELLS # 36-21 POW
36-12 POW
36-22 P&Ad

TRACT # 3 LEASE # 14-20-603-259

WELLS # 2-11 POW
2-21 WIW
2-12 POW
2-23 P&Ad
2-23 P&Ad
2-14 P&Ad
11-11 D&Ad

TRACT # 5 LEASE # 14-20-603-355

WELLS # 22-32 P&Ad
22-42 P&Ad
22-23 P&Ad
22-43 POW
22-34 POW

TRACT # 6 LEASE # 14-20-603-370

WELLS # 23-21 POW
23-41 POW
23-12 POW
23-32 P&Ad
23-42 POW
23-23 P&Ad
23-33 P&Ad
23-14 POW
23-34P&Ad

TRACT # 7 LEASE # 14-20-603-407

WELLS # 32-23 POW
32-14 P&Ad
32-34 POW

TRACT # 8 LEASE # 14-20-603-408

WELLS # 5-43 P&Ad
8-41 P&Ad

TRACT # 10 LEASE # 14-20-603-409 A

WELLS # 27-41 P&Ad
27-32 P&Ad
27-14 P&Ad
27-13 P&Ad
27-23 POW
27-14A P&Ad

TRACT # 9 LEASE # 14-20-603-409

WELLS # 27-21 POW
27-22 POW
28-43 P&Ad
28-34 P&Ad
27-34 POW
33-21 P&Ad
34-31 POW
33-32 P&Ad
33-23 POW
33-34 WIW
34-23 WIW
34-22 POW
34-42 POW
34-44 POW
27-12 POW
28-41 P&Ad
28-23 P&Ad
27-43 POW
33-41 P&Ad
33-43 P&Ad
33-44 POW
34-34 WIW
34-21 WIW
34-41 P&Ad
34-12 WIW
34-32 WIW
34-24 POW
34-43 P&Ad
33-14 P&Ad
34-13 POW
34-14 WIW
34-33 POW

TRACT # 11 LEASE # 14-20-603 410

WELLS # 4-21 WIW
4-31 POW
4-41 POW
4-42 POW
4-12 P&Ad
4-22 P&Ad
4-34 P&Ad
3-14 P&Ad
4-32 T&Ad
4-23 P&Ad
4-33 POW
4-43 P&Ad
4-14 P&Ad
4-24 POW
3-11 T&Ad
3-34 P&Ad
3-21 WIW
3-41 POW
3-12 WIW
3-32 POW
3-22 PURPOSED
3-23 P&Ad
3-43 P&Ad
9-21 P&Ad
10-31 POW
10-41 P&Ad

US OIL & GAS, INC.

February 13,2001

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Status Report

Dear Mr. Staley:

43.037.16437

Please accept the enclosed document as the Annual Status Report as required by UT Admin. R 649-8-10 for the White Mesa Unit which is located in the Greater Aneth Area, Southeastern, UT.

In 1999 US OIL & GAS, INC. reported 3 Wells that were shut-in for an extended period of time.

Well # 4-32	Lease # 14-20-603-410	API # 430371536500S1
Well # 34-24	Lease # 14-20 603-409	API # 430373009800S1
Well # 3-11	Lease # 14-20-603-410	API # 430373029300S1

US OIL & GAS, INC. returned these 3 wells to production in 2000 and now have every well on the White Mesa Unit on production. The attached document shows all the wells by their respective tracts and the wells that were returned to production are in blue. Please accept this as the annual status report for 2000.

If you have any questions or comments, please feel free to call me either at the phone listed below or I can also be reached at cellular (970) 560-2404.

Sincerely,

Patrick B. Woosley, Vice President

RECEIVED

FEB 20 2001

DIVISION OF
OIL, GAS AND MINING

PB/pw

Enclosures

525 NORTH BROADWAY • CORTEZ, COLORADO 81321 • (970) 565-0793

WHITE MESA UNIT
WELLS BY TRACTS AND
STATUS

T41S R24E S-22
43-037-16437

TRACT # 1 LEASE # 14-20-603-258

WELL #		
	26-12 P&AD	35-22 P&AD
	26-14 P&AD	35-12 WIW
	25-23 P&AD	35-13 POW
	25-14 POW	35-14 POW
	25-34 P&AD	35-23 P&AD
	35-21 P&AD	35-34 POW
	35-41 P&AD	

TRACT # 2 LEASE # 14-20-603-258

WELL #	
	36-21 POW
	36-12 POW
	36-22 P&AD

TRACT # 3 LEASE # 14-20-603-259

WELL #		
	2-11 POW	2-23 P&AD
	2-21 WIW	2-14 P&AD
	2-12 POW	11-11 D&AD
	2-23 P&AD	

TRACT # 5 LEASE # 14-20-603-355

WELL #		
	22-32 P&AD	22-43 POW
	22-42 P&AD	22-34 POW
	22-23 P&AD	

TRACT # 6 LEASE # 14-20-603-370

WELL #		
	23-21 POW	23-23 P&AD
	23-41 POW	23-33 P&AD
	23-12 POW	23-14 POW
	23-32 P&AD	23-34 P&AD
	23-42 POW	

TRACT # 7 LEASE # 14-20-603-407

WELL #	
	32-23 POW
	32-14 P&AD
	32-34 POW

TRACT # 8 LEASE # 14-20-603-408

WELL #	
	5-43 P&AD
	8-41 P&AD

TRACT # 10 LEASE # 14-20-603-409 A

WELL #		
	27-41 P&AD	27-13 P&AD
	27-32 P&AD	27-23 POW
	27-14 P&AD	27-14A P&AD

TRACT # 9 LEASE # 14-20-603-409

WELL #			
	27-21 POW	34-22 POW	34-21 WIW
	27-22 POW	34-42 POW	34-41 P&AD
	28-43 P&AD	34-44 POW	34-12 WIW
	27-34 P&AD	27-12 POW	34-32 WIW
	33-21 P&AD	28-41 P&AD	34-24 POW
	34-31 POW	28-23 P&AD	34-43 WIW
	33-32 P&AD	27-43 POW	33-14 P&AD
	33-23 POW	33-41 P&AD	34-13 POW
	33-34 WIW	33-43 P&AD	34-14 WIW
	34-23 WIW	33-44 POW	34-33 POW
	28-34 P&AD	34-34 WIW	

TRACT # 11 LEASE # 14-20-603-410

WELL #				
	4-21 WIW	4-32 POW	3-21 WIW	10- 31POW
	4-31 POW	4-23 P&AD	3-41 POW	10-41 P&AD
	4-41 WIW	4-33 POW	3-12 WIW	
	4-42 POW	4-43 P&AD	34-32 POW	
	4-12 P&AD	4-14 P&AD	3-22 PROPOSED	
	4-22 P&AD	4-24 POW	3-23 P&AD	
	4-34 P&AD	3-11 POW	3-43 P&AD	
	3-14 P&AD	3-34 P&AD	9-21 P&AD	

T41S R24E S-22
43-037-16437

WHITE MESA UNIT
WELLS BY TRACTS AND STATUS

TRACT # 1 LEASE # 14-20-603-258
WELL # 26-12 P&AD, 35-22 P&AD, 26-14 P&AD, 35-12 WIW, 25-23 P&AD, 35-13 POW, 25-14 POW, 35-14 POW, 25-34 P&AD, 35-23 P&AD, 35-21 P&AD, 35-34 POW, 35-41 P&AD

TRACT # 2 LEASE # 14-20-603-258
WELL # 36-21 POW, 36-12 POW, 36-22 P&AD

TRACT # 3 LEASE # 14-20-603-259
WELL # 2-11 POW, 2-23 P&AD, 2-21 WIW, 2-14 P&AD, 2-12 POW, 11-11 D&AD, 2-23 P&AD

TRACT # 5 LEASE # 14-20-603-355
WELL # 22-32 P&AD, 22-43 POW, 22-42 P&AD, 22-34 POW, 22-23 P&AD

TRACT # 6 LEASE # 14-20-603-370
WELL # 23-21 POW, 23-23 P&AD, 23-41 POW, 23-33 P&AD, 23-12 POW, 23-14 POW, 23-32 P&AD, 23-34 P&AD, 23-42 POW

TRACT # 7 LEASE # 14-20-603-407
WELL # 32-23 POW, 32-14 P&AD, 32-34 POW

TRACT # 8 LEASE # 14-20-603-408
WELL # 5-43 P&AD, 8-41 P&AD

TRACT # 10 LEASE # 14-20-603-409 A
WELL # 27-41 P&AD, 27-13 P&AD, 27-32 P&AD, 27-23 POW, 27-14 P&AD, 27-14A P&AD

TRACT #9 LEASE # 14-20-603-409
WELL # 27-21 POW, 34-22 POW, 34-21 WIW, 27-22 POW, 34-42 POW, 34-41 P&AD, 28-43 P&AD, 34-44 POW, 34-12 WIW, 27-34 P&AD, 27-12 POW, 34-32 WIW, 33-21 P&AD, 28-41 P&AD, 34-24 POWSI, 34-31 POW, 28-23 P&AD, 34-43 WIW, 33-32 P&AD, 27-43 POW, 33-14 P&AD, 33-23 POW, 33-41 P&AD, 34-13 POW, 33-34 WIW, 33-43 P&AD, 34-14 WIW, 34-23 WIW, 33-44 POW, 34-33 POW, 28-34 P&AD, 34-34 WIW

TRACT # 11 LEASE # 14-20-603-410
WELL # 4-21 WIW, 4-32 T&AD, 3-21 WIW, 10- 31POW, 4-31 POW, 4-23 P&AD, 3-41 POW, 10-41 P&AD, 4-41 WIW, 4-33 POW, 3-12 WIW, 4-42 POW, 4-43 P&AD, 34-32 POW, 4-12 P&AD, 4-14 P&AD, 3-22 PROPOSED, 4-22 P&AD, 4-24 POW, 3-23 P&AD, 4-34 P&AD, 3-11 T&AD, 3-43 P&AD, 3-14 P&AD, 3-34 P&AD, 9-21 P&AD

T41S R24E S22
43-037-16439

WHITE MESA UNIT WELLS BY TRACTS AND STATUS

TRACT # 1 LEASE # 14-20-603-258
WELL # 26-12 P&AD, 26-14 P&AD, 25-23 P&AD, 25-14 POW, 25-34 P&AD, 35-21 P&AD, 35-41 P&AD, 35-22 P&AD, 35-12 WIW, 35-13 POW, 35-14 POW, 35-23 P&AD, 35-34 POW

TRACT # 2 LEASE # 14-20-603-258
WELL # 36-21 POW, 36-12 POW, 36-22 P&AD

TRACT # 3 LEASE # 14-20-603-259
WELL # 2-11 POW, 2-21 WIW, 2-12 POW, 2-23 P&AD, 2-23 P&AD, 2-14 P&AD, 11-11 D&AD

TRACT # 5 LEASE # 14-20-603-355
WELL # 22-32 P&AD, 22-42 P&AD, 22-23 P&AD, 22-43 POW, 22-34 POW

TRACT # 6 LEASE # 14-20-603-370
WELL # 23-21 POW, 23-41 POW, 23-12 POW, 23-32 P&AD, 23-42 POW, 23-23 P&AD, 23-33 P&AD, 23-14 POW, 23-34 P&AD

TRACT # 7 LEASE # 14-20-603-407
WELL # 32-23 POW, 32-14 P&AD, 32-34 POW

TRACT # 8 LEASE # 14-20-603-408
WELL # 5-43 P&AD, 8-41 P&AD

TRACT # 10 LEASE # 14-20-603-409 A
WELL # 27-41 P&AD, 27-32 P&AD, 27-14 P&AD, 27-13 P&AD, 27-23 POW, 27-14A P&AD

TRACT #9 LEASE # 14-20-603-409
WELL # 27-21 POW, 27-22 POW, 28-43 P&AD, 27-34 P&AD, 33-21 P&AD, 34-31 POW, 33-32 P&AD, 33-23 POW, 33-34 WIW, 34-23 WIW, 28-34 P&AD, 34-22 POW, 34-42 POW, 34-44 POW, 27-12 POW, 28-41 P&AD, 28-23 P&AD, 27-43 POW, 33-41 P&AD, 33-43 P&AD, 33-44 POW, 34-34 WIW, 34-21 WIW, 34-41 P&AD, 34-12 WIW, 34-32 WIW, 34-24 POWSI, 34-43 WIW, 33-14 P&AD, 34-13 POW, 34-14 WIW, 34-33 POW

TRACT # 11 LEASE # 14-20-603-410
WELL # 4-21 WIW, 4-31 POW, 4-41 WIW, 4-42 POW, 4-12 P&AD, 4-22 P&AD, 4-34 P&AD, 3-14 P&AD, 4-32 T&AD, 4-23 P&AD, 4-33 POW, 4-43 P&AD, 4-14 P&AD, 4-24 POW, 3-11 T&AD, 3-34 P&AD, 3-21 WIW, 3-41 POW, 3-12 WIW, 34-32 POW, 3-22 PROPOSED, 3-23 P&AD, 3-43 P&AD, 9-21 P&AD, 10- 31POW, 10-41 P&AD

US OIL & GAS, INC.

February 28, 2002

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Status Report

Dear Mr. Staley:

Please accept the enclosed White Mesa Unit report of Wells by tracts and status as a part of US Oil & Gas, Inc. annual status report for 2001. The attached document shows all the wells by their respective tracts and the wells status for the year 2001.

Sincerely,

Patrick B. Woosley

Patrick B. Woosley,
Vice President

Enclosures

525 NORTH BROADWAY • CORTEZ, COLORADO 81321 • (970) 565-0798

WHITE MESA UNIT
WELLS BY TRACTS AND
STATUS

TRACT # 1 LEASE # 14-20-603-258

WELL #		
	26-12 P&AD	35-22 P&AD
	26-14 P&AD	35-12 WIW
	25-23 P&AD	35-13 POW
	25-14 POW	35-14 POW
	25-34 P&AD	35-23 P&AD
	35-21 P&AD	35-34 POW
	35-41 P&AD	

TRACT # 2 LEASE # 14-20-603-258

WELL #	
	36-21 POW
	36-12 POW
	36-22 P&AD

TRACT # 3 LEASE # 14-20-603-259

WELL #		
	2-11 POW	2-23 P&AD
	2-21 WIW	2-14 P&AD
	2-12 POW	11-11 D&AD
	2-23 P&AD	

TRACT # 5 LEASE # 14-20-603-355

WELL #		
	22-32 P&AD	22-43 POW
	22-42 P&AD	22-34 POW
	22-23 P&AD	

T 41S R24E SEC 22
43-037-16437

TRACT # 6 LEASE # 14-20-603-370

WELL #		
	23-21 POW	23-23 P&AD
	23-41 POW	23-33 P&AD
	23-12 POW	23-14 POW
	23-32 P&AD	23-34 P&AD
	23-42 POW	

TRACT # 7 LEASE # 14-20-603-407

WELL #	
	32-23 POW
	32-14 P&AD
	32-34 POW

TRACT # 8 LEASE # 14-20-603-408

WELL #	
	5-43 P&AD
	8-41 P&AD

TRACT # 10 LEASE # 14-20-603-409 A

WELL #		
	27-41 P&AD	27-13 P&AD
	27-32 P&AD	27-23 POW
	27-14 P&AD	27-14A P&AD

TRACT #9 LEASE # 14-20-603-409

WELL #			
	27-21 POW	34-22 POW	34-21 WIW
	27-22 POW	34-42 POW	34-41 P&AD
	28-43 P&AD	34-44 POW	34-12 WIW
	27-34 P&AD	27-12 POW	34-32 WIW
	33-21 P&AD	28-41 P&AD	34-24 POW
	34-31 POW	28-23 P&AD	34-43 WIW
	33-32 P&AD	27-43 POW	33-14 P&AD
	33-23 POW	33-41 P&AD	34-13 POW
	33-34 WIW	33-43 P&AD	34-14 WIW
	34-23 WIW	33-44 POW	34-33 POW
	28-34 P&AD	34-34 WIW	

TRACT # 11 LEASE # 14-20-603-410

WELL #				
	4-21 WIW	4-32 POW	3-21 WIW	10- 31POW
	4-31 POW	4-23 P&AD	3-41 POW	10-41 P&AD
	4-41 WIW	4-33 POW	3-12 WIW	
	4-42 POW	4-43 P&AD	34-32 POW	
	4-12 P&AD	4-14 P&AD	3-22 PROPOSED	
	4-22 P&AD	4-24 POW	3-23 P&AD	
	4-34 P&AD	3-11 POW	3-43 P&AD	
	3-14 P&AD	3-34 P&AD	9-21 P&AD	