

This well is classified as a water injection well
via injection, April, 1962

Scout Report sent out	<input checked="" type="checkbox"/>
Noted in the NID File	<input checked="" type="checkbox"/>
Location map pinned	<input checked="" type="checkbox"/>
Approval or Disapproval Letter	<input checked="" type="checkbox"/>
Date Completed, P. & A. or operations suspended	<u>7-28-56</u>
Pin changed on location map	<input type="checkbox"/>
Affidavit and Record of A & P	<input type="checkbox"/>
Water Shut-Off Test	<input type="checkbox"/>
Gas-Oil Ratio Test	<input type="checkbox"/>
Well Log Filed	<input checked="" type="checkbox"/>

FILE NOTATIONS

Entered in NID File	<input checked="" type="checkbox"/>	Checked by Chief	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input checked="" type="checkbox"/>	Copy NID to Field Office	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>	Approval Letter	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	<input type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>		

COMPLETION DATA:

Date Well Completed	<u>7-28-56</u>	Location Inspected	<input type="checkbox"/>
OW <input checked="" type="checkbox"/> WW <input type="checkbox"/> TA <input type="checkbox"/>		Bond released	<input type="checkbox"/>
GW <input type="checkbox"/> OS <input type="checkbox"/> FA <input type="checkbox"/>		State of Fee Land	<input type="checkbox"/>

LOGS FILED

Driller's Log	<u>8-3-58</u>		
Electric Logs (No.)	<u>5</u>		
E <input checked="" type="checkbox"/> I <input type="checkbox"/> E-I <input type="checkbox"/> GR <input checked="" type="checkbox"/> GR-N <input checked="" type="checkbox"/> Micro <input type="checkbox"/>			
Lat. <input type="checkbox"/> Mi-L <input type="checkbox"/> Sonic <input type="checkbox"/> Others		<u>Perforation Record</u>	<u>Temperature Log</u>

THE SUPERIOR OIL COMPANY

DRILLING & PRODUCTION DEPT.

P. O. BOX 200

CASPER, WYOMING

June 15, 1956

Utah Oil and Gas Conservation Commission
147 State Capitol Building
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

Attached you will find two (2) copies of Sundry Notice of Intention to Drill our Navajo A-3 located in the NE SE of Section 14, T 40S, R 24E, San Juan County, Utah.

Very truly yours,

THE SUPERIOR OIL COMPANY

By



W. H. Fraser

WHF/rh

(SUBMIT IN TRIPPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Window Rock

Allottee Navajo

Lease No. I-149-IND-8837

		X

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

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

June 15, 19 56

Well No. Navajo A-3 is located 2015 ft. from NE line and 630 ft. from E line of sec. 14

SE/4 Sec. 14
(¼ Sec. and Sec. No.)

40S
(Twp.)

24E
(Range)

S1M
(Meridian)

Aneth
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

Ground

The elevation of the ~~corner~~ corner above sea level is 4915 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)

Propose to drill well to test Paradex limestone to approx. 5950'.

Will set approx. 800' of 10-3/4" surface casing with cement circulated to surface.

Will set 7" 20 & 23#, J-55 casing through formation if productive.

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

Company The Superior Oil Company

Address P. O. Box 200

Casper, Wyoming

By W. H. Fraser

Title District Engineer

SUPERIOR OIL COMPANY

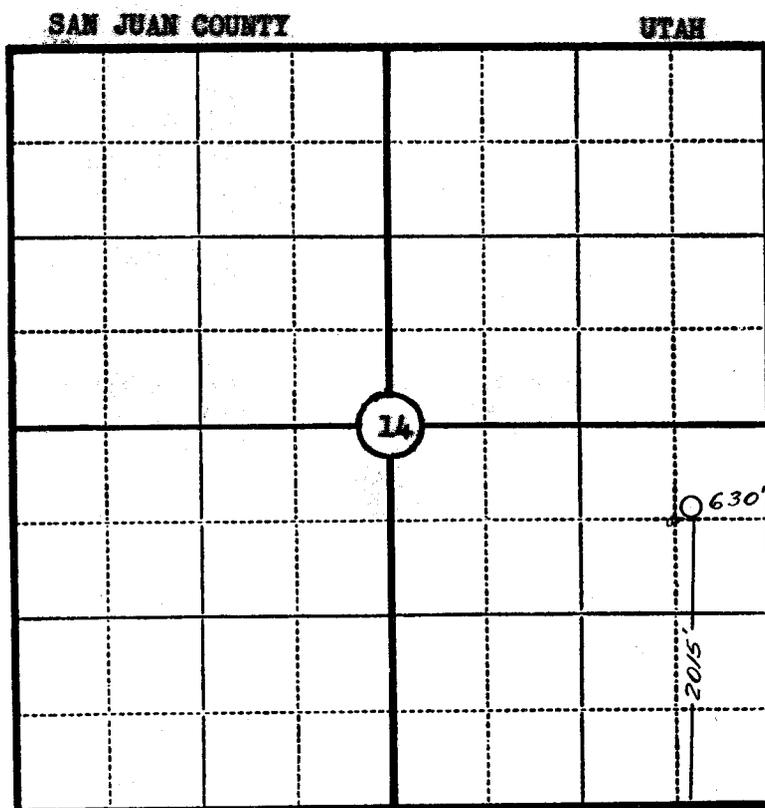
Company.....

Lease..... Well No.....

Sec. **14**, T. **40 S**, R. **24 E, S.L.M.**

Location **2015 FEET FROM the SOUTH LINE AND 630 FEET FROM the EAST LINE.**

Elevation **4914.5 UNGRADED GROUND**



Scale—4 inches equal 1 mile.

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

Seal: *James P. Leese* Registered Land Surveyor.

James P. Leese
UTAH Reg. No. 1472

Surveyed **30 MAY**, 19**56**

June 18, 1956

Superior Oil Company
P. O. Box 200
Gasper, Wyoming

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo A-3, which is to be located 2015 feet from the south line and 630 feet from the east line of Section 14, Township 40 South, Range 24 East, San Juan County.

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

Yours very truly,

CLEON B. FREIGHT
SECRETARY

cc: Phil Mc Grath
USGS, Dist. Eng.
Farmington, New Mexico

THE SUPERIOR OIL COMPANY

DRILLING & PRODUCTION DEPT.

P. O. BOX 200

CASPER, WYOMING

August 1, 1956

*Noted
CASH
8-6-56*

Utah Oil and Gas Conservation Commission
147 State Capitol Building
Salt Lake City 4, Utah

Attention: Mr. Cleon Feight

Gentlemen:

Attached are two (2) copies of USGS Sundry Notices and Log of Oil or Gas well required upon the completion of Navajo A-3. One copy of E-Log, Gamma Ray-Neutron and Temperature Survey are also enclosed.

Very truly yours,

THE SUPERIOR OIL COMPANY

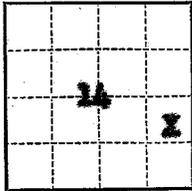
By W H F Fraser
W. H. Fraser

WHF/rh

Form 9-331b
(April 1952)

(SUBMIT IN TRIPLICATE)

Indian Agency _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Window Rock

Allottee Navajo

Lease No. 1-149-IND-8837

*Noted
CASH
8-6-56*

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

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

August 1, 1956

Well No. Navajo A-3 is located 2015 ft. from S line and 630 ft. from E line of sec. 14

SE/4 Sec. 14 40S 24E 31M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the Kelly Bushing ~~XXXXXXXXXX~~ above sea level is 4922 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)

Total Depth: 5919'.

ACID JOB #1

Well acidized w/500 gals mud acid on perms from 5836' to 5840' and 5850' to 5867'. Max. Press. 150#/Pkr.

Flowed 226.80 bbls in 4 hrs, 3/4" Choke. 41.4". 0.43 BS. 56.70 BPH. 1360.80 BPDF. OOR 676.

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

Company The Superior Oil Company

Address P. O. Box 200
Casper, Wyoming

By W.H. Frase

Title District Engineer

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Window Rock

Allottee Havajo

Lease No. 1-149-IND-8837

	14		X

*Noted
C.H.K.
8-6-56*

SUNDRY NOTICES AND REPORTS ON WELLS

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

August 1, 19 56

Well No. Havajo A-3 is located 2015 ft. from NS line and 630 ft. from E line of sec. 14

SE/4 Sec. 14 408 24E 61M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Arath San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~depth~~ Kelly Bushing above sea level is 4922 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)

Total Depth: 5919'

Perforated: 5636' to 5637' and 5666' to 5667' w/4 jets per foot.

WSO 5636' to 5666'

Ran Johnston tester on dry 2 1/2" tbg. Set pier 5803' w/tail to 5866'. Tool open 1 hr. Weak blow gradually decreasing to dead in 20 min. Rec. 155' drlg mud. BHFP 0% - 0%. 30 min BHSIP 0%. Hyd. 3100%.

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

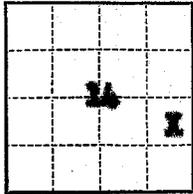
Company The Superior Oil Company

Address P. O. Box 200

Casper, Wyoming

By W.H. Case

Title District Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Window Book _____

Allottee Navajo

Lease No. 1-149-IND-8837

*Noted
cont
8-6-56*

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	XX
NOTICE OF INTENTION TO ABANDON WELL		

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

August 1, 1956

Well No. Navajo A-3 is located 2015 ft. from **XX** [S] line and 630 ft. from **E** [XX] line of sec. 14

SE/4 Sec. 14 408 24E S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Arnoth San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{Kelly Bushing} ~~well~~ above sea level is 4922 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)

Spud: June 20, 1956.

Complete: July 28, 1956.

TD: 5919'.

Casing: 10-3/4" Cemented at 808' w/550 Sxx.
7" Cemented at 5919' w/500 Sxx.

DST: 5732' to 5806' Upper Paradox
Open 2 hrs. Gas to surface in 11 min. 108 MCF/D. Rec. 840' oil.
Initial BHSIP 2187# BHFP 116# to 315# 30 min BHSIP 2121# Hyd 2925#.

(Over)

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

Company The Superior Oil Company

Address P. O. Box 200

Casper, Wyoming

By W.H. Frase

Title District Engineer

U.S. GEOLOGICAL SURVEY
WASHINGTON, D.C.

DST:

5811' to 5906' Lower Paradox

Open 42 min. Gas to surface in 5 min. 303 MCF/D, mud to surface 32 min, oil to surface 36 min, flowed to pits 6 min no estimate of rate. Drill pipe unloaded at 2639' and 600' while pulling. Res. 180' muddy oil. Initial BHSIP 2220# BHPP 590# to 865# 30 min BHSIP 2020#.

Perfs:

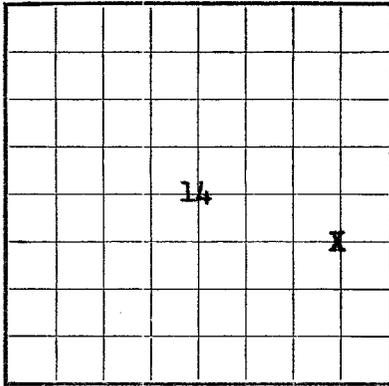
5836' to 5840' and 5890' to 5897' w/6 jets per foot. Lower Paradox.

Production:

Flowed 226.8 bbls oil in 4 hrs. 3/4" GHK 180#/Pkr. 41.4 0.4% BS. 56.70 BPH 1360.80 BPIR GOR 678.

AUG 3 1956

U. S. LAND OFFICE Window Rock
SERIAL NUMBER 1-149-IND-8837
LEASE OR PERMIT TO PROSPECT



NOTE in N.D. 00

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Superior Oil Company Address P. O. Box 200, Casper, Wyoming
Lessor or Tract Navajo 'A' Field Aneth State Utah
Well No. A-3 Sec. 14 T. 40S R. 24E Meridian S1M County San Juan
Location 2015 ft. ^[N.] of S Line and 630 ft. ^[W.] of E Line of SE/4 Elevation 4922' KB
(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 WNF

Date August 1, 1956 Title District Engineer

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

Commenced drilling June 20, 1956 Finished drilling July 28, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5724 to 5763 No. 4, from _____ to _____
No. 2, from 5836 to 5840 No. 5, from _____ to _____
No. 3, from 5850 to 5867 No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
10-3/4	32.75	8RD	Spang	808	Float				Surface
7	20.11	8RD	Spang	5850	Float				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	808	550	HOWCO		
7	5,919	400	HOWCO		

PLUGS AND ADAPTERS

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

FOLD MARK

FOLD MARK

10-3/4	808	550	HOWCO
7	5,919	400	HOWCO

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 0 feet to 5919 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing July 28, 1956

The production for the first ~~24~~ hours was 226.80 barrels of fluid of which 99.8% was oil; _____% emulsion; _____% water; and 0.2% sediment. Gravity, °Bé. 41.4

If gas well, cu. ft. per ~~24~~ hours 154.906 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		984	Navajo
		2597	Shinerump
		2846	De Chelly
		2941	Organ Rock
		4736	Hermosa
		5572	Upper Boundary Butte
		5711	Paradox
		5919	TD

			X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock _____
Allottee Navajo _____
Lease No. 1-149-IND-8837

7/4
4-28

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	XX
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)

April 1, 1958

Navajo A (A-3)*

Well No. A #43-14 is located 2015 ft. from ~~W~~ ^N line and 630 ft. from ~~W~~ ^E line of sec. 14

NE SE Sec. 14 40^S 24^E SL BM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

kelly bushing

The elevation of the ~~drick flow~~ above sea level is 4922 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)

Report of Work over: Oct 1, 1957 to Oct. 6, 1957.
Set retrievable bridge plug.

Perforated: 5724-60' & 5776-80' with 6 jets per foot.

Acid job #2: (Perfs 5724' - 5780').

Washed perforations w/500 gal mud acid. Maximum press 3500#. Flowed 90 bbls in 7 hours thru 32/64" choke, press 120/pkr, cut 2.0% acid water & BS, gravity 39.8°.

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

Company The Superior Oil Co.

Address Box 276

Cortez, Colo

By George E. Nugent
GEORGE E. NUGENT
Title Pet. Engineer

*Former number

APR 11 1961

Acid Job #3: (Perfs 5724' - 5780').

Acidized with 10,000 gal (retarded) acid. Maximum press 3500#.
Recovered retrievable bridge plug.

Ran 2½", 6.5#, J-55, 3RD, EUE tubing to 5878'.

Flowed 432 bbls in 21 hours thru 24/64" choke, press 400/240#,
cut 2.0% BS & W, gravity 39.8°.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock
Allottee **Navajo**
Lease No. **1-149-IND-8837**

	14	
		X

SUNDRY NOTICES AND REPORTS ON WELLS

2/4
5/11/59

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

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

May 8, 19 59

Navajo 'A'
Well No. **43-14** is located **2015** ft. from **NS** line and **630** ft. from **E/WX** line of sec. **14**

NE SE Sec. 14 **40S** **24E** **SL B&M**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the ~~ground floor~~ above sea level is **4922** ft. **Kelly Bushing**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

April 17, 1959: Acidized perms 5638-40', 5850-67' with 6,000 gallons of retarded acid in 2 equal stages using one - 200 gallon temporary plug. Maximum pressure 4000#/0#. Final 2300#/0#.

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

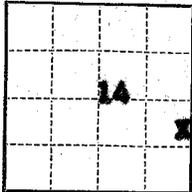
Company **The Superior Oil Company**

Address **P. O. Drawer G**

Cortez, Colorado

By *D. D. Kingman*
D. D. Kingman

Title **Engineer**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock
Allottee **Navajo**
Lease No. **1-149-IND-8837**

SUNDRY NOTICES AND REPORTS ON WELLS

21/K
5/25

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

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

May 18, 19 59

Navajo
Well No. **43-14** is located **2015** ft. from **NS** line and **630** ft. from **E** line of sec. **14**
NS **E**
SE **SW**

NE SE Sec. 14 **40S** **24E** **SL. 34M**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the ~~ground surface~~ above sea level is **4922** ft. **Kelly Bushing**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

April 17, 1959: Acidized perforations 5836-40', 5850-67' with 6,000 gallons of retarded acid in 2 equal stages using one - 200 gallon temporary plug. Maximum pressure 4000#/0#. Final Pressure 2300#/0#.

Corrected Copy.

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

Company **The Superior Oil Company**

Address **P. O. Drawer 6**

Cortez, Colorado

By **D. D. Kingman**
D. D. Kingman

Title **Engineer**

Handwritten initials

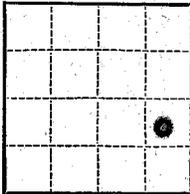
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. I-149-IND-8837



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	X
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)

March 1, 1962

Aneth Unit

Well No. H314 is located 2015 ft. from [S] line and 630 ft. from [E] line of sec. 14

SE $\frac{1}{4}$ of Sec. 14
($\frac{1}{4}$ Sec. and Sec. No.)

40-S
(Twp.)

24-E
(Range)

SLM
(Meridian)

Aneth
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4922 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)

Moved in pulling unit, pulled rods and tubing and commenced work-over 1-11-62. Ran 2-7/8" plastic lined tubing with Baker Injection Packer and set packer at 5643'. Put inhibitor behind packer and tested with 1000# pressure, packer tested OK. Completed workover and shut well in 1-13-62. This well is now classified as a water injection well and is shut-in waiting on water injection line.

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

Company TEXACO Inc.

Address P. O. Box 810

Farmington, New Mexico

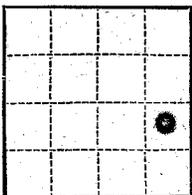
By *[Signature]*

Title District Superintendent

Supp H. L. E.
(SUBMIT IN TRIPLICATE)

Indian Agency Nava Jo

7



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. **I-149-IND-8837**

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

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

April 29, 1963

Aneth Unit
Well No. **N314** is located **2015** ft. from **N** line and **630** ft. from **E** line of sec. **14**

SE $\frac{1}{4}$ of Sec. **14** **40-S** **24-E** **SLM**
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the derrick floor above sea level is **4922** 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)

Commenced workover 3-1-63.

Reason for remedial work was to increase injectivity by acidizing.

Treated all perforations (5636' to 5637', 5666' to 5667', 5724' to 5760', 5776' to 5780', 5836' to 5840' and 5850' to 5867') through tubing with 1500 gallons of regular 15% acid with 1000 cubic feet of CO₂ gas per barrel of acid. Treating pressure 2200 psi with an average injection rate of 6 $\frac{1}{2}$ barrels per minute. Back flowed and returned well to water injection. On 24 hour test ending 3-2-63, injected 1450 barrels of water in well with an injection tubing pressure of 725 psi.

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

Company **TEXACO Inc.**

Address **P. O. Box 810**

Farmington, New Mexico

By *CPJ Wmgh*
ECW

Title **District Superintendent**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN
(Other instr
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8837

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.)

1.

OIL WELL GAS WELL OTHER

Injection well

7. UNIT AGREEMENT NAME

Aneth Unit

2. NAME OF OPERATOR

TEXACO Inc.

Superior

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR

Box 810, Farmington, New Mexico 87401

9. WELL NO.

H314

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

2015' from South Line and 630' from East Line

10. FIELD AND POOL, OR WILDCAT

Aneth

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

14, 40-S, 24-E, SLM'

14. PERMIT NO.

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

4922' 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:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Reason for workover was to increase injectivity by acidizing.

Commenced workover on 6-2-64.

Treated all perforations (5636' to 5637', 5666' to 5667', 5724' to 5760', 5776' to 5780', 5836' to 5840' and 5850' to 5867') through tubing with 600 gallons of 15% HCL acid with iron stabilizing agent added. Treating pressure 1400 PSI with an injection rate (average) of two barrels per minute. Acid was left in bottom of hole for one hour then back flushed from well. After completing treatment, well was returned to injection. Injected 835 barrels of water into well on 24 hour test ending 6-3-64.

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

SIGNED

TITLE

Actng. Dist. Supt.

DATE

8-24-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR. DATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
I-149-IND-8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.
H314

10. FIELD AND POOL, OR WILDCAT
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
14, 40-S, 24-E, SLM

12. COUNTY OR PARISH 13. STATE
San Juan Utah

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

1. OIL WELL GAS WELL OTHER **Water injection**

2. NAME OF OPERATOR
TRXACO Inc.

3. ADDRESS OF OPERATOR
Box 810, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2015' from South Line and 630' from East Line

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4922' DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

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

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

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

Reason for workover was to increase injectivity.

Commenced workover on 4-19-64.

Backflowed well and treated all perforations (5636' to 5867') through tubing with 2-1/2 gallons of Visco lili surfactant, followed by 250 pounds of Visco "900" sulfamic acid mixed with 400 gallons of water. Displaced with 38 barrels of water. Shut well in for three hours. Backflowed well and returned to water injection.

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

SIGNED *R. G. EARL* TITLE **District Accountant** DATE **June 23, 1965**

(This space for Federal or State office use)

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

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT 1 (Other ins. on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8837

6. INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth

8. FARM OR LEASE NAME

9. WELL NO.

1314

10. FIELD AND POOL, OR WILDCAT

Aneth

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

14, 40S, 24E, 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 [] Water Injection Well

2. NAME OF OPERATOR

TEXACO Inc.

3. ADDRESS OF OPERATOR

Box 810, Farmington, New Mexico 87401

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

2015' from South line and 630' from East line

14. PERMIT NO.

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

4922' 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 [X]

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.)*

Reason for workover was to increase injectivity.

Commenced workover 6-23-66.

Treated all perforations (5724' to 5867') with 600 gallons of 15% HF-HCL acid. Treating pressure was 1700 psi with an average injection rate of 2.7 barrels per minute. Instant shut-in pressure was 1500 psi. On test ending 6-29-66, injected 667 barrels of water in 24 hours with an injection tubing pressure of 1400 psi.

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

SIGNED

[Signature]

TITLE

District Superintendent

DATE

7-1-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT I
(Other in
verse side)

ICATE*
on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8837

6. INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Apoth Unit

8. FARM OR LEASE NAME

9. WELL NO.

1314

10. FIELD AND POOL, OR WILDCAT

Apoth

11. SEC. T. E. M. OR BLM. AND SURVEY OR AREA

14, 40S, 24E, SLM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1.

OIL WELL GAS WELL OTHER

Water Injection Well

2. NAME OF OPERATOR

TEXACO Inc.

3. ADDRESS OF OPERATOR

P. O. Box 810, Farmington, New Mexico 87401

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

2015' from South line and 630' from East line

14. PERMIT NO.

-

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

4922' 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) **Plug back**

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.)*

Proposed remedial work is for the purpose of plugging well back from Zone II to Zone I of the Desert Creek Formation and injecting water into Zone I only. Procedure for workover will be as follows:

Drill out packer at 5643', and test for communications between perforations 5780' and 5836'. If communications exist, squeeze all perforations (5724' to 5867') with 400 sacks of low fluid loss cement. Perforate 7" casing from 5724' to 5760' and 5780' to 5776' with 2 jet shots per foot and proceed with workover. If communication does not exist between perforations 5780' and 5836, set cast iron bridge plug at 5810' and proceed with workover. Acidize perforations with 4000 gallons of 28% NE-HCL acid and flush with 8000 gallons of plain fresh water. Run injection packer and set at 5670'. Return well to injection.

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

SIGNED

E. C. Ball

E. C. BALL

TITLE

District Accountant

DATE

3/23/67

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT TO (Other ins. side)
ATIONS A RE-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-TMP-8837

INDIAN, CALLOTTEE OR TRIBE NAME

Navajo

UNIT AGREEMENT NAME

Another Unit

OR LEASE NAME

WELL NO.

8314

FIELD AND POOL, OR WILDCAT

Another

SEC. T. R. M. OF BLM. AND SURVEY OR AREA

14. T40S, R24E, SLM

COUNTY OR PARISH

San Juan

STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER **Water Injection**

2. NAME OF OPERATOR
TEXACO Inc.

3. ADDRESS OF OPERATOR
P. O. Box 810, Farmington, New Mexico 87401

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

2015' from South line and 630' from East line

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4922' 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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONING WELL <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Plug back <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion or 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.)*

Remedial work was for the purpose of plugging well back from Zone II to Zone I of the Desert Creek Formation and injecting water into Zone I only.

Procedure was as follows:

Moved in pulling unit and commenced workover on 4/7/67. Pulled tubing and drilled out packer at 5643' and pushed packer to bottom of hole. Set packer at 5821' and tested for communications between perforations 5780' to 5836'. Test indicated no communications. Set bridge plug at 5820' (PART). Ran 2-7/8 inch plastic lined tubing with Baker Model N packer at 5663'. Loaded casing annulus with inhibited water. Treated perforations 5724' to 5760' and 5776' to 5780' with 4000 gallons of 28% NE-HCL acid and flushed with 8000 gallons of fresh water. Treating pressure 5000 to 3600 psi with an average injection rate of 7 barrels per minute. Five minute shut-in pressure 3400 psi, 15 minute shut-in pressure 3200 psi. Returned well to injection. Injected 540 barrels of water into well on 24 hour test ending 9:00 AM, 4/17/67.

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE **District Accountant** DATE **May 26, 1967**

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

**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.
I-149-IND. 8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER Water Injection

2. NAME OF OPERATOR
TEVACO Inc.

3. ADDRESS OF OPERATOR
P.O. Box 2100, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2015' from South line and 630' from East line.

7. UNIT AGREEMENT NAME
Navajo Tribe

8. FARM OR LEASE NAME
Aneth Unit

9. WELL NO.
H-314

10. FIELD AND POOL, OR WILDCAT
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
14, T40S, R24E, SIM

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4922' 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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Proposed remedial work is for the purpose of opening zone II to water injection. Procedure for workover will be as follows:

Run in well with baker milling tool and drill out model N packer. Drill or knock to bottom model K retainer. Run in well with Lok-Set injection packer and set at 5650'. Inhibit backside and return well to injection.

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

SIGNED W. R. Wilson TITLE Field Foreman DATE 4-16-73

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3) UOGCC(2) Navajo Tribe - GLE - WLW

USGS(3) UOGCC(2) Navajo Tribe - Superior Oil Co. - IND - GLE - WLW

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR

Texaco Inc

3. ADDRESS OF OPERATOR

P.O. Box EE Cortez, CO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY - See space 17 below.)

AT SURFACE: **2015' FSL & 630' FEL Sec.14**

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

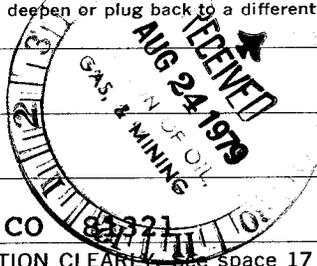
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON*
- (other)

SUBSEQUENT REPORT OF:

-
-
-
-
-
-
-
-



5. LEASE I-149-IND-8837
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Aneth Unit
8. FARM OR LEASE NAME Unit
9. WELL NO. H314
10. FIELD OR WILDCAT NAME Aneth Field
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.14 T40S R24E
12. COUNTY OR PARISH San Juan
13. STATE Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4922' DF

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

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

7-20-79. Set RBP at 5605' KB. Isolated leak at 790-954' KB. Squeezed leak with 100 sx quick-set and 200 sx class B cement. DOC to 1885' KB, and resqueezed. Tagged cement at 1142' KB, and isolated leak at 915' KB. Squeezed with 20 sx cement. DOC and circulated hole clean. Reran tbg & pkr; set pkr at 5687' KB, and inhibited backside. Returned well to water injection 8-7-79.

Rate before: 350/2150

Rate after : 557/1485* (SI 4 months prior to workover)

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

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

SIGNED Alvin R. Mann TITLE Field Foreman DATE 8-22-79

(This space for Federal or State office use)

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

USGS(4) UOGCC(3) Navajo Tribe The Superior Oil Co. GLE ARM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other Water Injection

2. NAME OF OPERATOR

Texaco Inc.

3. ADDRESS OF OPERATOR

P.O. Box 2100 Denver, Colo. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

SE₄
AT SURFACE: 2015' FSL & 630' FEL Sec 14
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON*
- (other)

-
-
-
-
-
-
-
-

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

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

Texaco plans to repair casing leak & shut off and HI injection.

1. MIRUSU - pull tbgs. & pkr.
2. Pick up work string W/pkr and RBP.
3. Set RBP and test for casing leak.
4. When leak is located, squeeze & drill out cement - test to 1000psi.
5. Retrieve bridge plug and lay down.
6. Run and set CIBP at 5800'.
7. Run Injection string & packer - Set at 5680
8. Put well on injection.

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

DATE: 8/1/73 Ft.

BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED [Signature] TITLE Field Supt. DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MMS (4) UOGCC (3) Navajo Tribe - Superior Oil CDM - ARM

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other **Injection Well**

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P.O. Box EE Cortez, Colorado 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **2015'FSL & 630'FEL Sec 14**
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

5. LEASE
I-149-IND-8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
H314

10. FIELD OR WILDCAT NAME
Aneth Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 14, T40S, R24E, SLM

12. COUNTY OR PARISH **San Juan** | 13. STATE **Utah**

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4922'DF

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

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

Texaco Inc. requests your approval to install a 4-1/2" casing liner in the above well. On a recent attempt to repair the casing it was deemed non-repairable. Liner will be run from surface to 5870'KB. A stage tool will be set at 3070'. First stage will be cemented w/85 sx of cement and second stage w/300 sx of cement. We will perforate the following intervals: 5724-60 and 5775-80 and acidize w/4750 gals. 28% HCL. Injection packer will be set at 5690' and well will be returned to water injection. All work will be done in accordance with UOGCC and MMS regulations.

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

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

SIGNED *John R. Marx* TITLE **Field Supt.** DATE **5/4/83**

(This space for Federal or State office use)

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

MMS(4) UOGCC(3) Navajo Tribe-Superior Oil-JNH-CDF-ARM

DAILY DRILLING REPORT

D E N V E R - Farmington Dist. DIVISION

AS OF 7 A.M. June 17,18,19,20,21,
22,23 - 1983

LEASE	WELL NO.	COMMENCED DRILLING	SIZE AND DEPTH LAST STRING CASING SET	FORMATION AND REMARKS	DEPTH YESTERDAY	DEPTH TODAY
I D C W O R K O V E R S						
U T A H						
Aneth Unit Well No. Est #24472	F114 LOC:	(orig. compl) 8/17/57 Sec.14;T40S;R24E	7" 5857'KB (20#-23#)	6/17: Drlg on cmt Sum: flange up braidenhead & BOPs; PU 6"magnet; tag @ 5754.34'KB work magnet; TOOH; rec AC jaws; rod pieces; other small metal cuttings; TIH w/7"csg scraper and bit; tag @ 5759.15'KB; drlg on fillup; made 1'; no circ 6/18: Run magnet & TIH w/bit Sum: cleaned out to 5759'KB 4' drlg hard; TOOH; bit OK 6/19: SDF Sunday Sum: TIH w/magnet 2 runs on sd line; rec metal shavings; TIH; w/bit & scraper; tag @ 5763'KB; drlg 10"very hard; no circ; SDFN 6/20: TOOH; TIH w/flat btm mill Sum: SD Sunday 6/21: Drilling w/flat btm mill Sum: TIH w/flat btm mill; drlg 2 hr made 1' 6/22: Drlg on cmt/metal Sum: mill w/flat btm mill; drlg 10'; SDFN 6/23: Milling w/cone buster mill Sum: Drlg w/flat btm shoe; no progress; TOOH; TIH w/cone buster mill; drlg OK; made 4" in 2hr; some metal in returns; present depth 5781.45'KB; SDFN	TD PBDT	5,866'KB 5,760'KB
FIRST REPORT Aneth Unit Well No. Est #23577(Exp) #21229(Inv)	H314	6/20/56 LOC: NE/SE Sec. 14; T40S; R24E SanJuan Cnty, Utah	7" 5,919'KB (20# - 23#)	Workover - Injection Obj: set 4-1/2"csg liner and recomplete as injector Previous capacity: SI Present status: SI Previous Perfs: 5724-60; 5776-80; 5836-40; 5850-67 Elev: 4922'KB 6/16/83: TIH w/2-3/8" work string Sum: MIRUSU; 1000psi on well; unable to bleed down; SDFN 6/17: Circ mud to kill well Sum: Bled well during night; set BOPs; PU & TIH w/2-3/8" work string; bit & scraper; tag btm @ 5846'KB; TOOH w/2stds; SDFN 6/18: TOOH w/2-3/8" work string run & set 4-1/2"liner Sum: Change out BOPs; TIH & tag 5846'; PU 5' & tbg stuck; worked 4hr to work free; cleaned out 5816' & worked w/scraper; mixed 275bbl 11.8ppg; mud to kill well; pump & circ mud 2hr; SI for night	TD PBDT	5,919' 5,872'KB

cont.....

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other **Injection Well**

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P.O. Box EE, Cortez, Colorado 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **2015' FSL & 630' FEL**
AT TOP PROD. INTERVAL: **Sec 14**
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>

(other) **Install casing liner & recompleate (Subsequent)**

5. LEASE
I-149-IND-8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
H314

10. FIELD OR WILDCAT NAME
Aneth Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 14, T40S, R24E, SLM

12. COUNTY OR PARISH | 13. STATE
San Juan | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4922'KB

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

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

6-16-83 MIRUSU: TIH W/bit & scraper & tbq. Tagged at 5851'KB. Mixed 275 sx of 11.8# mud & displaced annulus. TOOH W/tbg, bit & scraper. Rigged up to run csg. Ran 149 jts. 4-1/2" 10.5#, j-55 st&c casing liner. Landed at 5851'KB W/DV tool at 3050'KB. Cmt. 1st. stage W/855 sx, Class B, 50/50 POZ mix w/2% D20 Bentonite gel, 2% D60 FLAC, 3% D65 TIC. Plug down at 11:15 AM, 6-20-83. Cemented 2nd. stage W/300 sx, Class B, 50/50 POZ mix, 2% D20 Bentonite gel, 2% D60 FLAC, 3% D65 TIC. Plug down at 1:45 PM, 6-20-83, WOC, Nipple up wellhead. TIH W/bit & scraper, drilled out DV tool at 3050', cleaned out to 5811'KB. TOOH W/tbg & tools. Perforated 5724-60, 5775-80, W/2JSPF. Ran tbq & pkr, set pkr at 5710'KB. Acidized gross perfs. Spotted 250 gal 28% HCL, let soak 1/2 hr. Followed W/4500 gal 28% SAN-1 & 250 gal TDA in two equal stages. Flushed W/1200 gal gelled water.

Subsurface Safety Valve: Manu. and Type _____ (continued on next page) Set @ _____ Ft.

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

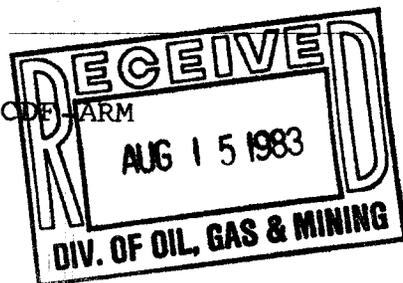
SIGNED *Alvin R. Mans* TITLE Field Supt. DATE 8/8/83

(This space for Federal or State office use)

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

BLM (4) UOGCC (3) Navajo Tribe-Superior Oil-JNH-ODE-FARM

*See Instructions on Reverse Side



STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
Texaco Inc.

ADDRESS P. O. Box EE
Cortez, Colorado ZIP 81321

INDIVIDUAL PARTNERSHIP CORPORATION
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE Aneth Unit H314 WELL
 SEC. 14 TWP. 40S RANGE 24E
San Juan COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>Aneth Unit</u>	Well No. <u>H314</u>	Field <u>Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>N 1/4 SE 1/4</u> Sec. <u>14</u> Twp. <u>40S</u> Rge. <u>24E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>6/16/83</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>~1150'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		State What <u>Oil & Gas</u>
Location of Injection Source(s) wells & San Juan River <u>Aneth Unit Producing</u>		Geologic Name(s) <u>Desert Creek & Ismay</u> and Depth of Source(s) <u>+/- 5600'</u>	
Geologic Name of Injection Zone <u>Paradox: Desert Creek</u>		Depth of Injection Interval <u>5724' to 5780'</u>	
a. Top of the Perforated Interval: <u>5724'</u>	b. Base of Fresh Water: <u>1150'</u>	c. Intervening Thickness (a minus b) <u>4574'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Lithology of Intervening Zones <u>Sandstone, limestone & anhydrite w/intermittent shale layers</u>			
Injection Rates and Pressures Maximum <u>2,000</u> B/D <u>2,500</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent <u>The Navajo Tribe</u> <u>Box 146</u> <u>Window Rock, Arizona 86515</u>			

State of Colorado) Alvin R. Marx Field Supt.
 County of Montezuma) Alvin R. Marx Applicant

Before me, the undersigned authority, on this day personally appeared Alvin R. Marx known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 16th. day of Dec., 19 83

SEAL

My commission expires 10/25/87

Joe D. Roybal
 Notary Public in and for Colorado
 728 N. Beech, Cortez, Co. 81321

(OVER)

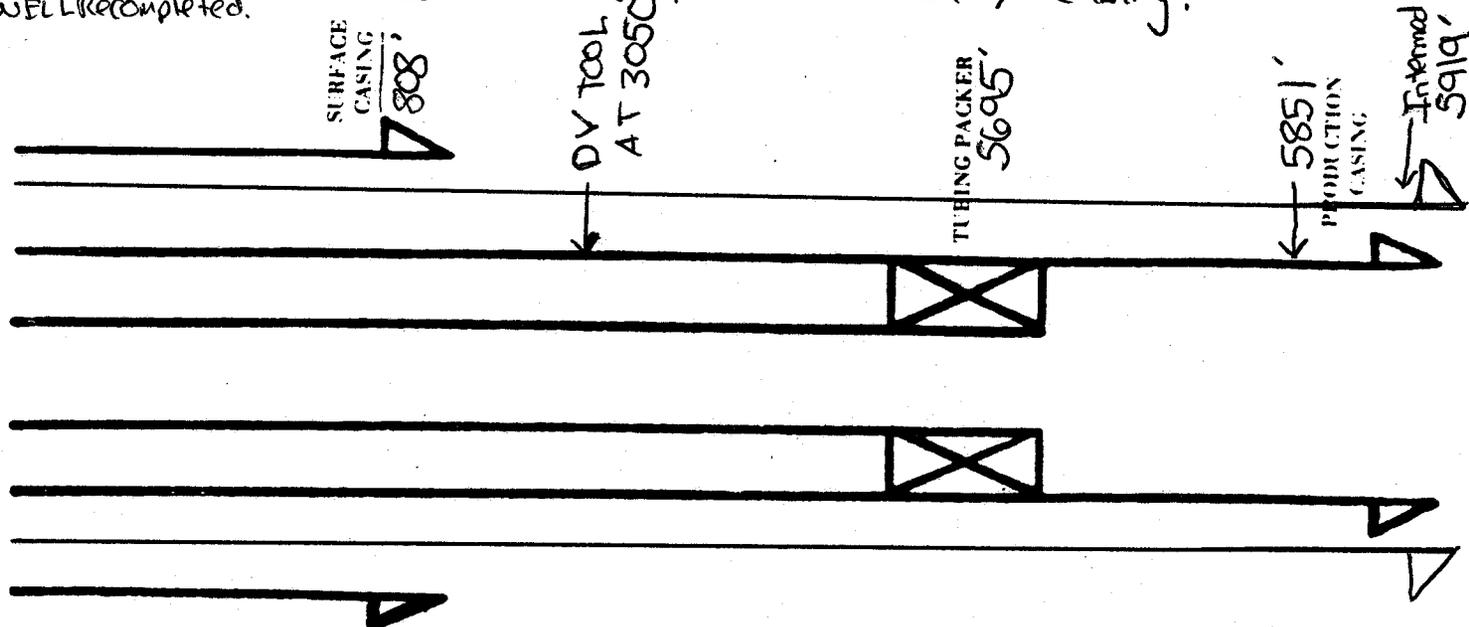
1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plot showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within 1/2 mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within 1/2 mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10 3/4"	808'	550	Surface	Circulated
Intermediate	7"	5919	400	4242	Calculated.
Production DV TOOL AT 3050'	4 1/2"	5851	385	NA	
Tubing	2 3/8"	5695'	Name - Type - Depth of Tubing Packer Baker - MODEL R-3 DOUBLE GRID		
Total Depth 5919'	Geologic Name - Inj. Zone Desert Creek	Depth - Top of Inj. Interval 5724'	Depth - Base of Inj. Interval 5780'		

4 1/2" Liner Ran in 1983. Due to complete failure of 7" casing. WELL Recompleted.

SKETCH - SUB-SURFACE FACILITY



PLEASE TYPE OR USE BLACK INK ONLY

COMPLETION & TEST DATA BY PRODUCING FORMATION

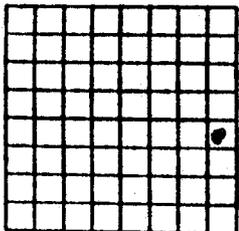
(To be filed within 30 days after drilling is completed) I-149-INO-8837

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

COUNTY
LEASE NO.

API NO
940 Acres



Locate Well Correctly
and Outline Lease

COUNTY San Juan SEC 14 TWP. 40S RGE. 24E
COMPANY OPERATING Texaco Inc.
OFFICE ADDRESS P O Box EE
TOWN Cortez STATE ZIP CoJo 81321
FARM NAME Aneth Unit WELL NO. H314
DRILLING STARTED 6/20 1956 DRILLING FINISHED 7/16 1956
DATE OF FIRST PRODUCTION 7/28/56 COMPLETED 7/28/56
WELL LOCATED NE 1/4 NE 1/4 SE 1/4
2015 FT. FROM SW CORNER SEC. & 4650' FT. FROM WL OF 2E SEC.
ELEVATION DERRICK FLOOR 4922 KB GROUND 4912'

TYPE COMPLETION

Single Zone Desert Creek Order No. _____

Multiple Zone _____ Order No. _____

Completed _____ Order No. _____

LOCATION EXCEPTION

Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>Desert Creek</u>	<u>5724</u>	<u>5780</u>			

CASING & CEMENT

Casing Set			Ceg. Test		Cement		
Size	Wgt	Grade	Foot	Psi	San	Fillup	Top
<u>10 3/4"</u>	<u>32.25#</u>	<u>H40</u>	<u>808'</u>	<u>NA</u>	<u>550</u>	<u>-</u>	<u>Surface</u>
<u>7"</u>	<u>20.23#</u>	<u>J-55</u>	<u>5919'</u>	<u>NA</u>	<u>400</u>	<u>5886</u>	<u>4242</u>
<u>4 1/2"</u>	<u>10.5#</u>	<u>J-55</u>	<u>5851'</u>	<u>1000</u>	<u>85</u>	<u>5811</u>	<u>NA</u>
<u>OV TOOL</u>			<u>3050'</u>		<u>300</u>	<u>-</u>	<u>NA</u>

TOTAL DEPTH 5919'

PACKERS SET DEPTH 5695' KB

FORMATION	1	2	3
FORMATION	<u>Desert Creek</u>	Is may	<u>Desert Creek</u>
SPACING & SPACING ORDER NO.	<u>40 acre</u>	<u>40 acre</u>	<u>40 ACRE</u>
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	<u>OILWELL</u>	<u>1/11/62 CONV TOWI</u>	<u>6/16/83 Ran Casing Liner and part</u>
PERFORATED 7125156	<u>5836-40</u>		
	<u>5850-67</u>		
INTERVALS	<u>5776-80</u>		<u>5724-60</u>
	<u>5724-60</u>		<u>5775-80</u>
ACIDIZED?	<u>Acidized w/ 11,000 gals HCL.</u>	<u>NO</u>	<u>Acidized w/ 4750 gals ACID.</u>
FRACTURE TREATED?			<u>NO</u>

INITIAL TEST DATA

Date	<u>7/28/56</u>		<u>7/4/83</u>
Oil. bbl./day	<u>336 BOPD</u>		<u>-</u>
Oil Gravity	<u>NA</u>		<u>-</u>
Gas. Cu. Ft./day	<u>-</u>	<u>CF</u>	<u>CF</u>
Gas-Oil Ratio Cu. Ft./Bbl.	<u>-</u>		<u>-</u>
Water-Bbl./day	<u>0</u>		<u>1050 BWT</u>
Pumping or Flowing	<u>Flowing</u>	<u>NA</u>	<u>Injecting</u>
CHOKE SIZE	<u>32/64"</u>		<u>-</u>
FLOW TUBING PRESSURE	<u>NA</u>		<u>2000psi</u>

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

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

Telephone 1-303-565-8401 Chas R. Mans Field Supt.
State of Colorado Name and title of representative of company

County of Montezuma 16th day of December 1983

My commission expires 10/25/87

Joe D. Roybal
728 N. Beech, Cortez, Co. 81321

INSTRUCTIONS - CANCELS LETTER(S) OF _____ SIGNED BY _____
 PERMANENT ROUTINE TEMPORARY

TEXACO

(LOCATION)

(DATE)

19

Subject: Water Analysis from
Navajo Aquifer

Aneth Unit H415

Location - SE $\frac{1}{4}$ - SE $\frac{1}{4}$ Sec 15, T40S, R24E

Sample Date - 1-17-59

Depth - Navajo Aquifer

Temp - 67° F

Ph - 8.7

Total Dissolved Solids - 2573 ppm

SiO₂ - 16 ppmCO₃⁼ - 130 ppmCa⁺ - 7 ppmHCO₃⁻ - 156 ppmMg⁺⁺ - 28 ppmSO₄⁼ - 599 ppmNa⁺ - 76 ppmCl⁻ - 757 ppm

Aneth Unit G422

Location - SW $\frac{1}{4}$ - SE $\frac{1}{4}$ Sec 22, T40S, R24E

Sample Date - 1-18-59

Depth - Navajo Aquifer

Temp - 67° F

Ph - 9.2

Total Dissolved Solids - 2823 ppm

SiO₂ - 17 ppmCO₃⁼ - 925 ppmCa⁺ - 6 ppmHCO₃⁻ - 912 ppmMg⁺⁺ - 8 ppmSO₄⁼ - 265 ppmNa⁺ - 915 ppmCl⁻ - 271 ppm

* Note: these numbers were obtained from TEXACO Files
 in the Denver Division offices

If letter requires reply prepare in triplicate, for-
 warding original and duplicate, and retain copy.

P.O. Box 2100

Denver, Colo

80201

By _____

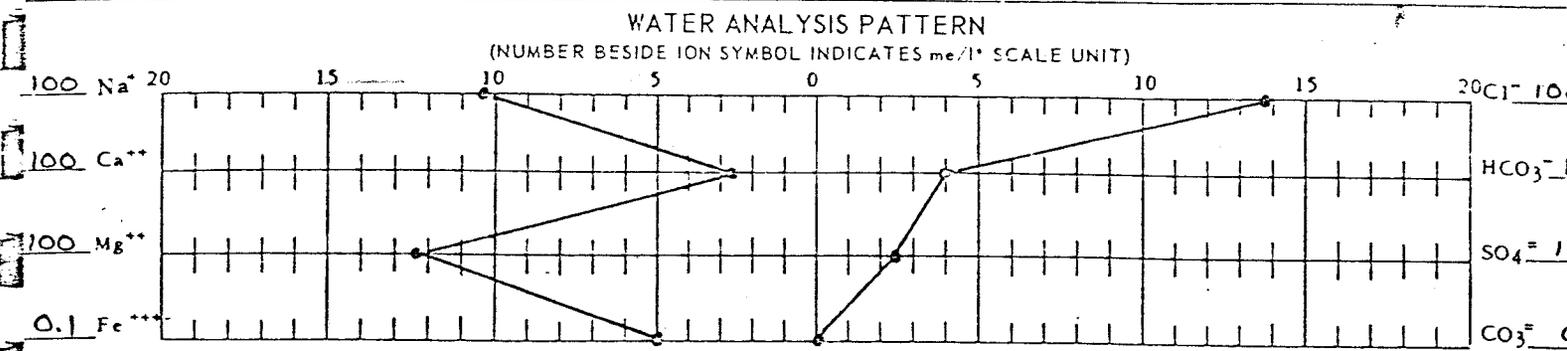
ADDRESSEE: Use reverse side to reply. Return original. Retain duplicate.

NL Treating Chemicals/NL Industries, Inc.

WATER ANALYSIS REPORT

P.O. Box 1675, Houston, Texas 77001

COMPANY TEXACO, INCORPORATED				SHEET NUMBER 1	
FIELD ANETH				DATE 5 APRIL 1982	
WELL(S) NAME OR NO. INJECTION WATER			COUNTY OR PARISH SAN JUAN		STATE UTAH
DEPTH. FT.	BHT. F	SAMPLE SOURCE PLANT	TEMP. F	WATER, EBL/DAY	OIL, BBL/DAY
DATE SAMPLED 6 APRIL 1982		TYPE OF WATER <input type="checkbox"/> PRODUCED <input checked="" type="checkbox"/> SUPPLY <input checked="" type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALT WATER DISPO			



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	392.0	
Calcium, Ca ⁺⁺	268.0	5360.0
Magnesium, Mg ⁺⁺	124.0	1519.0
Iron (Total) Fe ⁺⁺⁺	0.5	10.0
Barium, Ba ⁺⁺	—	1.0
Sodium, Na ⁺ (calc.)	1035.1	23807.3

ANIONS	me/l*	mg/l*
Chloride, Cl ⁻	1380.3	49000.0
Sulfate, SO ₄ ⁼	24.5	1175.0
Carbonate, CO ₃ ⁼	0.0	0.0
Bicarbonate, HCO ₃ ⁻	4.0	244.0
Hydroxyl, OH ⁻	0.0	0.0
Sulfide, S ⁼	18.8	300.0

DISSOLVED GASES

Hydrogen Sulfide, H ₂ S	337.5 mg/l*
Carbon Dioxide, CO ₂	185.0 mg/l*
Oxygen, O ₂	1.0 mg/l*

PHYSICAL PROPERTIES

pH	6.65
Eh (Redox Potential)	N.D. MV
Specific Gravity	N.D.
Turbidity, JTU Units	N.D.
Total Dissolved Solids (calc.)	81385.3 mg/l*
Stability Index @ 77 F	+0.39
@ 140 F	+1.32
CaSO ₄ Solubility @ 77 F	306.6 me/l*
@ 176 F	306.8 me/l*
Max. CaSO ₄ Possible (calc.)	24.5 me/l*
Max. BaSO ₄ Possible (calc.)	1.0 mg/l*
Residual Hydrocarbons	N.D. ppm(Vol/)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

REMARKS AND RECOMMENDATIONS:

WATER SHOWS A TENDENCY TOWARD SCALING; PRIMARILY CALCIUM CARBONATE

* NOTE: me/l and mg/l are commonly used interchangeably for epm and ppr respectively. Where epm and ppr are used, corrections should be made for specific gravity.

BTC ENGINEER MARK BROTHERS	DIST. NO. 12	ADDRESS FARMINGTON, N.M.	OFFICE PHONE 505-325-5701	HOME PHONE 505-325-48
ANALYZED	DATE	DISTRIBUTION		

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR _____

3. ADDRESS OF OPERATOR _____

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: _____
AT TOP PROD. INTERVAL: _____
AT TOTAL DEPTH: _____

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

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

5. LEASE _____

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME _____

9. WELL NO. _____

10. FIELD OR WILDCAT NAME _____

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

12. COUNTY OR PARISH _____ 13. STATE _____

14. API NO. _____

15. ELEVATIONS (SHOW DF, KDB, AND WD) _____

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

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

(page 2)

Average pressure, 2750#, rate, 5BPM, SIP-k600#, 15 minutes-1200#. Pulled tba. & pkr. Ran pkr. & new 2-3/8 PC tubing. Inhibited annulus W/corrosion inhibitor. Set pkr. at 5695'KB. Pressured annulus to 1000#. Held OK. Flanged up wellhead. Put well on injection.

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

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

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 1-17-85
Expires August 31, 1985

5. LEASE DESIGNATION AND WELL NO.
I-149-IND-8837
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo
7. UNIT AGREEMENT NAME
Aneth Unit
8. FARM OR LEASE NAME
Unit
9. WELL NO.
H314
10. FIELD AND POOL, OR WILDCAT
Aneth Field
11. SEC., T., R., M. OR B.L. AND
SUBSTR. OR AREA
Sec. 14, T40S, R24E
12. COUNTY OR PARISH
San Juan
13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL CAR WELL OTHER Injection Well
2. NAME OF OPERATOR
Texaco Inc,
3. ADDRESS OF OPERATOR
P.O. Box EE, Cortez, CO. 81321
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2015' FSL & 630' FEL Sec. 14
14. PERMIT NO.
43-037-14321
15. ELEVATIONS (Show whether DF, RT, OR, etc.)
4922' KB

RECEIVED

AUG 05 1985

DIVISION OF OIL
GAS & MINING

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

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

(Note: Report results of multiple completion or 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 a proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above subject well is shut in due to parted 4 1/2" casing liner. Texaco Inc. is evaluating repairing the parted casing liner and returning the well to injection status.

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

DATE 9/17/85
BY [Signature]

Federal approval of this action
is required before commencing
operations.

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

SIGNED [Signature] TITLE Area Supt. DATE 7/31/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:
BLM (4) - UOGCC (3) - Navajo Tribe - JNH-AJS-ARM

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Uplaco Well No. Omaha Unit # 314
 County: Southern T 405 R 24B Sec. 14 API# 43-037-16321
 New Well Conversion Disposal Well Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Desert Creek - Jimmy</u>	
Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>81385</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>81385</u>
Known USDW in area	<u>Monte</u>	Depth <u>1150</u>
Number of wells in area of review	<u>9</u> Prod. <u>3</u> P&A <u> </u>	Water <u> </u> Inj. <u>6</u>
Aquifer Exemption	Yes <input type="checkbox"/> NA <input checked="" type="checkbox"/>	
Mechanical Integrity Test	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Date	<u> </u>	Type <u> </u>

Comments: _____

Reviewed by: 

I - due to casing leak (5)
 WO

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

OPERATOR: TEXACO

FIELD: Aneth LEASE: _____

WELL # H-314 SEC. 14 TOWNSHIP 40S RANGE 24E

STATE (FED.) FEE DEPTH 5919 TYPE WELL INJW MAX. INJ. PRESS. 2500

TEST DATE 3/24/87

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>10³/₄</u>	<u>808</u>			<u>Shut-in</u>	
<u>INTERMEDIATE</u>	<u>7</u>	<u>5919</u>				
<u>PRODUCTION</u>	<u>4¹/₂</u>	<u>5851</u>				
<u>TUBING</u>	<u>2³/₈</u>	<u>5695</u>				

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

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

UN STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

Unit

9. WELL NO.

H-314

10. FIELD AND POOL, OR WILDCAT

Aneth Field

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

Sec. 14, T40S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER Injection Well

2. NAME OF OPERATOR
TEXACO Inc.

3. ADDRESS OF OPERATOR
P O. Box EE, Cortez, CO 81321

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

2015' FSL & 630' FEL

14. PERMIT NO.
43-037-16321

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4922' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

Texaco Inc. proposes to repair the subject well which has been shut in due to a parted 4½" casing liner, and return the well to injection status. All work will be done in accordance with BLM and UOGCC regulations. The proposed procedure will be as follows:

- 1) MIRUSU. TOOH w/injection tubing. Pickup workstring & TIH w/tapered mill, drill collars and jars. Work tight spots as necessary. TOOH w/tools.
- 2) TIH w/CIBP fitted w/drillable mule shoe. Set CIBP at 3090' KB. TOOH w/tubing.
- 3) TIH w/Halliburton prefabricated casing alignment tool w/drillable cement squeeze packer on top. Set pkr. at 3059' KB.
- 4) Cement squeeze thru casing alignment tool w/50 sax Class B cement w/fluid loss additive. TOOH w/tubing.
- 5) WOC.
- 6) TIH and drill out casing alignment tool. PSI test squeeze. If OK proceed to drill out CIBP.
- 7) Cleanout to PBTD & TOOH.
- 8) TIH w/plastic coated tubing and 4½" injection pkr. Set pkr. at 5660'. Inhibit annulus and return well to injection status.
- 9) Monitor rates and pressure.

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

SIGNED Alan A. Kleier TITLE Area Superintendent DATE June 2, 1987
Alan A. Kleier

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

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

RECEIVED
DATE JUN 08 1987

DATE: 6-9-87
BY: [Signature]
See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

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.

BLM(4) UOGCC(3) Navajo Tribe - JNH-LAA-AAK

Copied

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

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER Injection well

2. NAME OF OPERATOR
Texaco Inc. (303) 565-8401

3. ADDRESS OF OPERATOR
P.O. Box EE, Cortez, Colo. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
NE/NE Sec 14

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4922' KB

5. LEASE DESIGNATION AND SERIAL NO.
I-149-IND-8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.
H314

10. FIELD AND POOL, OR WILDCAT
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 14, T40S, R24E

12. COUNTY OR PARISH 13. STATE
San Juan Utah

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

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

Texaco Inc. proposes to permanently plug and abandon the subject well using the following procedure. The condition of the liner has deteriorated so that depths below 5300' cannot be reached.

- 1.) Advise BLM, MIRUSU, NUBOPS.
- 2.) Set cement retainer @ 5300'. Squeeze perforations and fill casing w/cement from 5780' (bottom perf) to retainer. (+ 35 sx)
- 3.) Spot 9.2 ppg Mud from retainer to 4815'.
- 4.) Perforate w/ 4-way squeeze shots @ 4815', 1785', 860', 150'.
- 5.) TIH w/tubing & packer and cement squeeze w/plugs, inside and out over the following intervals:

4665 - 4815	(25 sx.)	Hermosa
1665 - 1785	(25 sx.)	Chinle
760 - 860	(25 sx.)	Surface csg. shoe
0 - 150	(50 sx.)	Surface plug

9.2 ppg mud shall be spotted in all other casing volume.

- 6.) RDMOSU
- 7.) Erect marker and rehabilitate location.

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

SIGNED Charles D. Klever TITLE Area Superintendent DATE 11/20/87

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

General approval of this action is required before commencing operations.

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

BLM (4) UOGCC (3) Navajo Tribe - Mobil Oil - LAA

DATE: 11-24-87
BY: [Signature]

*See Instructions on Reverse Side

Page Two
Aneth Unit H-314
Sec. 14, T40S, R24E

This Sundry notice is written confirmation of work which was discussed via telecon between Mr. Steve Mason (BLM) and Mr. B. L. Weiss (Texaco) @9:30A.M. on 6-2-'87. Verbal approval was granted by Mr. Mason at that time to proceed with the workover.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)

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

9

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.

H-314

10. FIELD AND POOL, OR WILDCAT

Aneth

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

Sec. 14, T40S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
AUG 25 1988

1. OIL WELL GAS WELL OTHER Injection Well

2. NAME OF OPERATOR
TEXACO Inc. (303) 565-8401

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, CO 81321

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

DIVISION OF
OIL, GAS & MINING

14. PERMIT NO. 2015' FSL and 630' FEL Sec. 14

16. ELEVATIONS (Show whether OZ, AT, CR, etc.)
43037-16321 4922' KB

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

The subject well was completed as plugged and abandoned on Aug. 8, 1988 per the following procedure:

- 1) MIRUSU - NUBOP. TOOHP w/2-3/8" tubing. Run gauge ring to 5162'
- 2) TIH and set retainer at 5145'. Cement with 50 sx. TOOHP with tubing.
- 3) TIH and set retainer at 2905'. Cement with 400 sx. class 'G' cement. TOOHP with tubing.
- 4) Perforate 4-way hole at 1785'. Spot 25 sx. plug.
Perforate 4-way hole at 860'. Spot 25 sx. plug.
Perforate 4-way hole at 150'. Spot 60 sx. plug.
9.2 ppg brine mud placed between plugs.
- 5) Cut off wellhead - Set P&A marker. RDMSU.

Mr. Steve Mason (BLM-Farmington) gave verbal approval of procedural changes on Aug. 4, 1988. BLM assistance was appreciated.

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

SIGNED Alan A. Kleier TITLE Area Manager DATE August 23, 1988

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

BLM(4)Farmington-UOGCC(3) Navajo Tribe-Mobil Oil-LAA-AAK