

9-2-76 - Subsequent report of converting to
Water injection

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief ROS

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 8-22-61

OW WW TA

GW OS PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log 9-11-61

Electric Logs (No.) 4

E I E-I GR GR-N Micro

Lat. Mi-L Sonic Others Contact Caliper Log

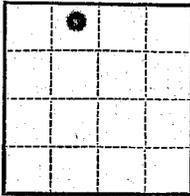
Radio-Active Tracer Log

Radioactivity Log

(SUBMIT IN TRIPLICATE)

Indian Agency _____

Contract No. **14-20-603-2058**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. _____

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)

Lease No. **177845**
Navajo Tribe "AC"

June 23, 1961

Well No. 1 is located 660 ft. from N line and 1980 ft. from W line of sec. 34

NE/4 NW/4 Sec. 34 T-40-S R-26-N SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the derrick floor above sea level is 4960 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)

OBJECTIVE FORMATIONS:	DEPTH	SIZE CASING	WEIGHT	TYPE	CASING PROGRAM (APPROX.)
					Set at Cement
Top of Chinle	1610'				90'
Organ Rock	2855'	10-3/4"	32.75#	New	100 sx
Hermosa	4625'	7-5/8"	24#	New	1610'
Ismay	5545'	4-1/2"	9.5#	New	800 sx
Total Depth	5740'				5740'
					250 sx

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

Company TEXACO Inc. TEXACO Inc.

Address P. O. Box 3109
Midland, Texas

By J. J. Velten
Title Division Civil Engineer

Navajo Tribe of Indians

Pure etal Lse.

Pure etal Lse.

Pure Lse.
East Aneth

29

28

27

27-C4

T

40

S

Navajo Tribe

TEXACO
Inc. Lse.

"U"

NCT-1

1980'

0.660'

El. 4949'

32

33

34

Honolulu Lse.

Navajo Tribe "AC"

TEXACO Inc. Lse.

Total 2318.92 Ac.

R-26-E

UTAH STATE LINE
COLORADO STATE LINE

Navajo Tribe

Honolulu Lse.

5

4

3

T

41

S

Navajo Tribe

Honolulu Lse.

8

Navajo Tribe of Indians

Texas Pacific Coal & Oil Co.
Lse.

9

Texas Pacific Coal & Oil
Co. Lse.

10

SAN JUAN COUNTY, UTAH

Scale 1" = 2000'

This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

[Signature]
Division Civil Engineer
TEXACO Inc.

Registered Professional Engineer - State of Texas

10

June 26, 1961

Texaco, Inc.
P. O. Box 3109
Midland, Texas

Attn: J. J. Velten, Div. Civil Eng.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tribe "AC" #1, which is to be located 660 feet from the north line and 1980 feet from the west line of Section 34, Township 40 South, Range 26 East, SLEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted in accordance with the Order issued in Cause #54 on May 9, 1961.

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE SECRETARY

CBF:avg

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

H. L. Coonts - OGCC, Moab

2

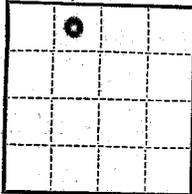
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Alottee _____

Lease No. 14-20-603-2058



SUNDRY NOTICES AND REPORTS ON WELLS

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

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

July 25, 19 61

Navajo Tribe "AC"

Well No. 1 is located 660 ft. from N line and 1980 ft. from W line of sec. 34

NE/4 of Section 34

(1/4 Sec. and Sec. No.)

40-S

(Twp.)

26-E

(Range)

SLM

(Meridian)

Ismay

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 4960 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 12:30 a.m., July 14, 1961.

Drilled 9-7/8" hole to 1636' and cemented 1591' of 7-5/8" casing at 1601' with 800 sacks of cement. Cement did not circulate. Cemented behind casing to surface with 70 sacks of cement. After cement set for 24 hours, tested casing with 800# pressure for 30 minutes. Casing tested OK.

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 Box 810

Farmington, New Mexico

By [Signature]

Title District Superintendent

any

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE
TRIBE Navajo Tribe "AC"
LEASE NO. 14-20-603-2058

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Ismay

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 19 61,

Agent's address P. O. Box 810 Company TEXACO Inc.
Farmington, New Mexico Signed *R. W. Wilson*

Phone _____ Agent's title District Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW 34	40S	26E	1	-	-	-	-	-	-	Drilling @ 5,347'.

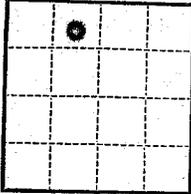
USGS (2) OGCC-RMD
RKM-SECEC-File-8

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

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

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-2058

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)

August 17, 1961

Navajo Tribe "AC"

Well No. 1 is located 660 ft. from N line and 1980 ft. from W line of sec. 34

NE¹ of Sec. 34
(¼ Sec. and Sec. No.)

40-S
(Twp.)

26-E
(Range)

SLM
(Meridian)

Isamay
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4960 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)

Drilled 6-3/4" hole to 5671' and cemented 5661' of 4-1/2" O.D. casing at 5671' with 250 sacks of cement. Tested casing with 1000# pressure for 30 minutes. Tested O.K.

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

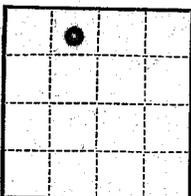
Farmington, N. M.

By [Signature]

Title District Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-2058

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)

September 1, 1961

Navajo Tribe "AC"
Well No. 1 is located 660 ft. from N line and 1980 ft. from W line of sec. 34

NE 1/4 of Sec. 34 40-S 26-E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Imay San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4960 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 5671', Plugged back depth 5637'.

Perforate 4-1/2" casing 5600' to 5610' with 2 shots per foot. Ran tubing with packer and set packer at 5557'. Treat perforations with 500 gallons HCLST acid followed by 4000 gallons retarded acid. Swabbed 24 hours and recovered 176 BW and 44 BO. Squeezed perforations from 5600' to 5610' with 75 sacks cement.

Abrasi-Jet perforate 4-1/2" casing from 5601' to 5603' with 2 shots per foot. Set packer at 5545' and treated perforations with 500 gallons ISTD acid. Perforate 4-1/2" casing from 5577' to 5582', 5544' to 5556' with 2 shots per foot. Ran tubing with bridge plug

(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 TEKACO Inc.

Address P. O. Box 810

Farmington, New Mexico

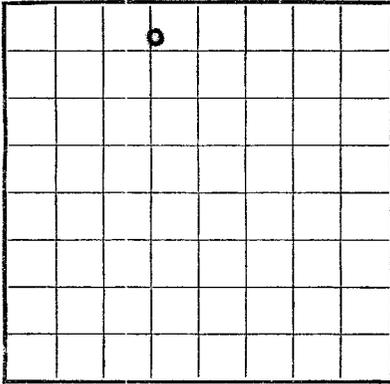
By [Signature]

Title District Superintendent

at 5590' and packer at 5462'. Treat these perforations with 500 gallons LSTNE acid and 4000 gallons penetrol. Pushed bridge plug to bottom and re-set packer at 5462'.

SEP 5 1961

U. S. LAND OFFICE **Navajo**
SERIAL NUMBER **14-20-603-2058**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **TEXACO Inc.** Address **Box 810, Farmington, N. M.**
Lessor or Tract **Navajo Tribe "AC"** Field **Ismay** State **Utah**
Well No. **1** Sec. **34** T. **40-S, 26-E** Meridian **SLM** County **San Juan**
Location **660** ft. **[N.]** of **N** Line and **1980** ft. **[E.]** of **W** Line of **Section 34** Elevation **4960'**
(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.

Date **September 8, 1961** Signed **[Signature]** Title **District Superintendent**

Commenced drilling **July 11, 1961** Finished drilling **August 3, 1961**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)
No. 1 from **5424** to **5603** No. 4 from **to**
No. 2 from **to**
No. 3 from **to** 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—	
7-5/8	24	32	1001	1001	None	None			
4-1/2	16	32	1001	1001	None	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	1601	800	Halliburton		
4-1/2	5671	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **None** Depth set **None**
Adapters—Material **None** Size **None**

SHOOTING RECORD

FOLD MARK

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	1601	300	Halliburton		
4-1/2	5671	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length — Depth set —
 Adapters—Material None Size —

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from 0 feet to 5671 feet, and from — feet to — feet
 Cable tools were used from — feet to — feet, and from — feet to — feet

DATES

Tested August 21, 1961 Put to producing August 22, 1961
 The production for the first 24 hours was 198 barrels of fluid of which 96% was oil; —%
 emulsion; 4% water; and —% sediment. Gravity, °Bé. 42.30
 If gas well, cu. ft. per 24 hours — Gallons gasoline per 1,000 cu. ft. of gas —
 Rock pressure, lbs. per sq. in. —

EMPLOYEES

J. D. Loden, Driller V. J. Roberts, Driller
Paul Coleman, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3407	3407	Sand & Shale
3407	3534	127	Shale
3534	4141	607	Sand & Shale
4141	4241	100	Shale & Lime
4241	4551	310	Sand & Shale
4551	4607	56	Shale
4607	4688	81	Shale & Lime
4688	4710	22	Lime & Chert
4710	4787	77	Lime & Shale
4787	4881	94	Shale
4881	5518	637	Lime & Shale
5518	5571	53	Anhydrite, Lime & Shale
5571	5671	100	Lime & Shale
Total Depth 5671'			
Plugged Back Total Depth 5637'			

EXPLANATION BOSS

FORMATION RECORD—Continued

TC-73097-2

FROM—	TO—	TOTAL FEET	FORMATION
			FORMATION TOPS
			Chinle - - - - - 1602'
			DeChelly - - - - - 2750'
			Hermosa - - - - - 4585'
			Isamay - - - - - 5498'
			formation tops as per EL.
			HOLE SIZE
			1601' to 1601' - 9-7/8"
			5671' to 5671' - 6-3/4"
2211	2211	100	TIME & QUOTE
2218	2211	77	TIME & QUOTE
4891	2218	263	TIME & QUOTE
4181	4891	710	QUOTE
4170	4181	11	TIME & QUOTE
4890	4170	68	TIME & QUOTE
4801	4890	89	QUOTE
4801	4801	80	QUOTE
4841	4801	40	QUOTE & QUOTE
4141	4841	700	QUOTE & TIME
3834	4141	307	QUOTE & QUOTE
3401	3834	433	QUOTE
	3401	704	QUOTE & QUOTE

All measurements from derived level 10' above ground.

2' of ...

Block ...
 If ...
 The production ...

TOOLS USED
 Cable tools were used from ...
 Rotary tools were used from ...

DATE	HOLES MADE					

SHOOTING RECORD
 Address—Material
 Height & Eng—Material

PLUGS AND ADAPTERS

DATE	PLUGS USED				
5/15	1001	1000	1000	1000	1000
5/15	1001	1000	1000	1000	1000

MIDDING AND CEMENTING RECORD

FIELD MARK

SHOOTING RECORD

Drillers	Materials	Tools	Loggers	Depth set
PLUGS AND VALVES				

MUDDING AND CEMENTING RECORD

--	--	--	--	--	--	--	--	--

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

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.

DATE	DEPT	TYPE	DEPTH	THICKNESS	REASON	RESULTS	REMARKS
------	------	------	-------	-----------	--------	---------	---------

CASING RECORD

Drilled to total depth of 5671' and cemented 5661' of 4-1/2" casing at 5671'. Drilled out to BTD of 5637'. Perforated 4-1/2" casing from 5600' to 5610' with 2 shots per foot. Ran tubing with packer and net packer at 5595'. Treat perforations with 500 gallons NELST acid followed by 4000 gallons retarded acid. Swabbed 24 hours and recovered 176 barrels of water and 44 barrels of oil. Squeezed perforations from 5600' to 5610' with 75 sacks cement. Perforate 4-1/2" casing from 5601' to 5603' with 2 shots per foot. Set packer at 5545' and treated perforations with 500 gallons LSTME acid. Perforate 4-1/2" casing from 5577' to 5582', 5584' to 5590' with 2 shots per foot. Ran tubing with bridge plug at 5590' and packer at 5462'. Treated these perforations with 500 gallons LSTME acid and 4000 gallons penetrant. Pushed bridge plug to bottom and re-set packer at 5462'. After recovering all lost oil, well flowed 66 barrels of oil and 3 barrels of water in 3 hours.

The information given hereon is a complete and correct record of the well and all work done thereon.

Location: _____
 Well No.: _____
 Name of Well: _____
 Company: _____
 Address: _____

LOCAL WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 UNITED STATES

PLEASE OF FURNISH TO BUREAU
 SERIAL NUMBER
 U. S. LAND OFFICE
 ADDRESS: _____

December 29, 1961

Texaco, Inc.
P. O. Box 810
Farmington, New Mexico

Attn: C. P. Farmer, District Superintendent

Gentlemen:

Our attention has been directed to the fact that your Navajo Tribe AC Well #1, Sec. 34, T. 40 S., R. 26 E., San Juan County, Utah has been producing and flaring gas since August, 1961. A review of the production indicates a cumulative of approximately 14,000 MCF has been flared as of December 1, 1961. Our file on this well does not indicate that you have applied to either this Commission or the U. S. Geological Survey for permission to flare this produced gas. It is requested that you advise us of your plans in this regard.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ROBERT L. SCHMIDT,
CHIEF PETROLEUM ENGINEER

RLS:kpB

cc: Phil McGrath, U. S. Geological Survey
Farmington, New Mexico

Harvey Counts, Petroleum Engineer
Moab, Utah

6

1/15/62
January 15, 1962

MEMO FOR FILING

Texaco, Inc.
Navajo Tribe AC#1
Sec. 34, T. 40 S, R. 26 E,
San Juan County, Utah

Mr. Al Walsh with Texaco, Inc. in Farmington, New Mexico called this morning to state that Texaco had shut in the Navajo AC#1, and planned to build a line to a near-by lease and utilize this gas as fuel. He further stated that El Paso would not build a line to pick up this gas and they did not have a contract for its purchase.

Texaco's plan to utilize this gas for fuel has been approved by the Navajo Tribe and by U.S.G.S. according to Mr. Walsh.

ROBERT L. SCHMIDT
CHIEF PETROLEUM ENGINEER

RLS:cn

cc

Harvey L. Coonts,
Petroleum Engineer
Moab, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-2058
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

2. NAME OF OPERATOR
TEXACO, Inc.

3. ADDRESS OF OPERATOR
P.O. Box EE, Cortez, Colorado 81324

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

660' from North line and 1980' from West line.

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, OR, etc.)
4960' DF

7. UNIT AGREEMENT NAME
Navajo
Ismay Flodine Park Unit

8. FARM OR LEASE NAME
Ismay

9. WELL NO.
T134

10. FIELD AND POOL, OR WILDCAT
Ismay
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

S34-T40S-R26E
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:

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

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.)*

In accordance with UOGCC cause No. 104-1 of 12-16-65, TEXACO plans to convert well no. T134 from oil producing to water injection status as follows:

1. Pull rods and tubing
2. Perforate 5610-22' and 5628-30' with 2 JSPF.
3. Acidize perforations with 2500 gallons 28% HCL.
4. Commence water injection.
5. Run radioactive tracer log after injection stabilizes.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Sept 13, 1976

BY: P. H. Pincall

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

SIGNED Alvin R. Many TITLE Field Foreman DATE 9-2-76

(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 TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2058-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Ismay Flodine Park Unit

8. FARM OR LEASE NAME

9. WELL NO.

T134

10. FIELD AND POOL, OR WILDCAT

Ismay

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

S34-T40S-R26E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
TEXACO, Inc.

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

660' from North line and 1980' from West line.

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

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

(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.)*

6-7-77. MIRUSU. Layed down rods, tbg, and pump. Perf. 5610' - 20', 5628' - 30'. Run plastic coated tbg. and packer. Set packer at 5479'. Placed well on injection. Test: 374 BWIPD, 1450# Tbg.

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

SIGNED Alvin R. Mary TITLE Field Foreman DATE _____

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

USGS(4) UOGCC(3) Navajo Tribe-GLE-ARM-ALE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2058-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Ismay Flodine Park Unit

8. FARM OR LEASE NAME

9. WELL NO.

T134

10. FIELD AND POOL, OR WILDCAT

Ismay

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

S34-T40S-R26E

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

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

660' from North line and 1980' from West line.

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

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

NOTICE OF INTENTION TO:

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

PULL OR ALTER CASING
 MULTIPLE COMPLETE
 ABANDON*
 CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL
 ALTERING CASING
 ABANDONMENT*

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

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

12-5-77. MIRUSU. Set packer at 5530' KB. Acidized all perms. with 2500 gals. 28% HCL in 4 stages. Average pressure 3000#, average rate 1 BPM, ISIP-2800#, 15 minutes 2000#.

Test: 332 BWIPD, 2636 tbq. press. (8 day average)

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

SIGNED Alvin R. Moore

TITLE Field Foreman

DATE 12-20-77

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*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 X
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE TEPU - 7134 WELL
 SEC. 34 TWP. 40S RANGE _____
San Juan COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL
 DISPOSAL WELL

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>Ismay-Flodine Park</u>	Well No. <u>T 134</u>	Field <u>Ismay</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4 NW 1/4</u> Sec. <u>34</u> Twp. <u>40S</u> Rge. <u>26E</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>7/21/83</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1070'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Oil & Gas</u>
Location of IFPU Producing Wells and Injection Source(s) <u>3 Source wells</u>		Geologic Name(s) and Depth of Source(s) <u>Ismay +/- 5600 Salt Wash, Entrada & Navajo 490-1215'</u>	
Geologic Name of Paradox-Ismay Injection Zone		Depth of Injection Interval <u>5544 to 5630</u>	
a. Top of the Perforated Interval: <u>5544'</u>	b. Base of Fresh Water: <u>1070'</u>	c. Intervening Thickness (a minus b) <u>4474'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO			
Lithology of Intervening Zones <u>Sandstone, Limestone, Anhydrite w/intermittent shale layers</u>			
Injection Rates and Pressures Maximum _____ 500 B/D 2300 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)
 County of Montezuma)
Abner R. Mary Field Supt.
 Applicant

Before me, the undersigned authority, on this day personally appeared Abner R. Mary
 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

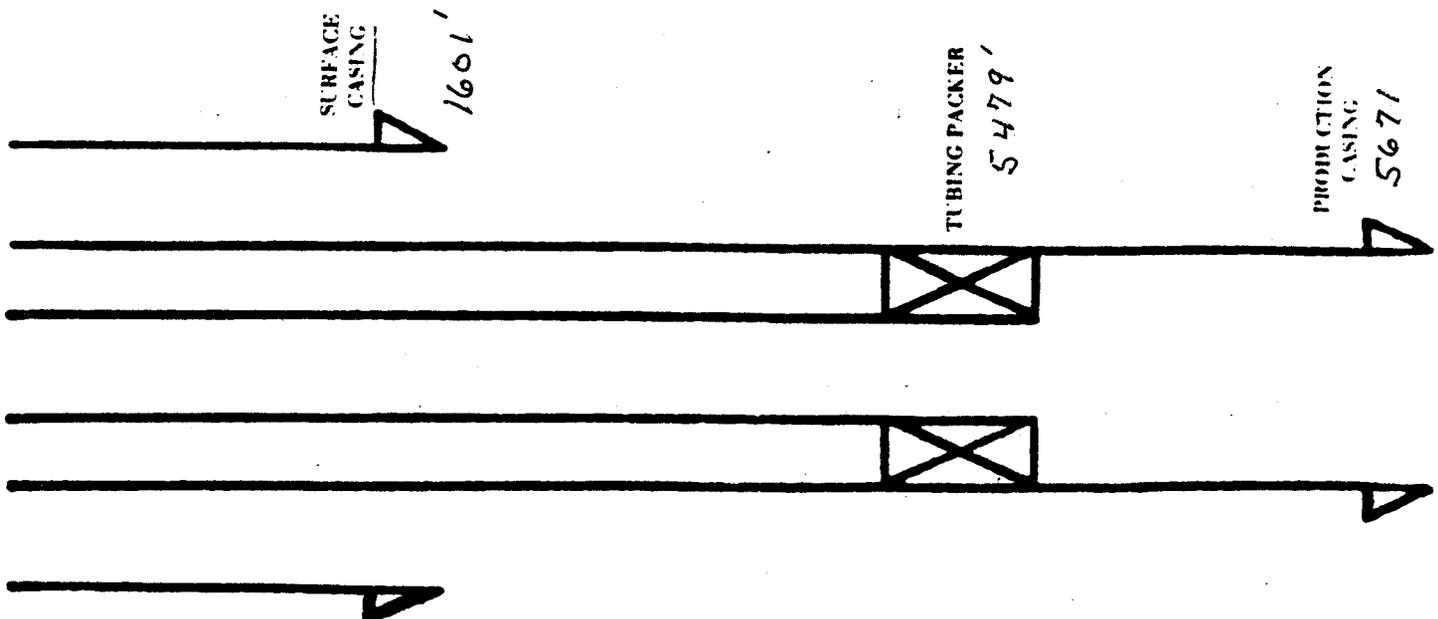
(OVER) 728 N. Beech Cortez, Co. 81321

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 plat 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	7 5/8"	1601	870	NA	
Intermediate					
Production	4 1/2"	5671	250	NA	
Tubing	2 3/8"	5479	4 1/2"	Name - Type - Depth of Tubing Packer Model R Retractable 5479	
Total Depth	Geologic Name - Inj. Zone		Depth - Top of Inj. Interval	Depth - Base of Inj. Interval	
5671	I S M A Y		5544	5630	

SKETCH - SUB-SURFACE FACILITY



PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed) 14-20-603-2058A

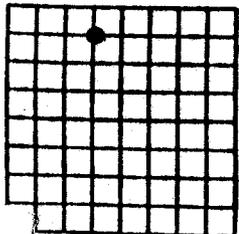
COMPLETION & TEST DATA BY PRODUCING FORMATION

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
848 Area



Locate Well Correctly
and Outline Lease

COUNTY San SEC 34 TWP. 40S RGE 16E
COMPANY OPERATING Juan Texaco Inc.
OFFICE ADDRESS P. O. Box EE
TOWN Cortez STATE ZIP Colo 81321
FARM NAME Ismay-Flodine WELL NO. T134
DRILLING STARTED 7/29/61 DRILLING FINISHED Aug 19 61
DATE OF FIRST PRODUCTION _____ COMPLETED 9-1-61
WELL LOCATED NE NW 4
660 FT. FROM NE OF SEC. 34 & 1980 FT. FROM WL OF SEC. 34
ELEVATION DERRICK FLOOR 4960 GROUND 4950

TYPE COMPLETION

Single Zone Ismay Order No. NA
Multiple Zone _____ Order No. _____
Comingled _____ Order No. _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>Ismay</u>	<u>5544</u>	<u>5630</u>			

CASING & CEMENT

Casing Set				Cap. Test	Cement			
Size	Wgt	Grade	Foot	Psi	Set	Fillup	Top	
<u>7 7/8"</u>	<u>20</u>		<u>1601</u>	<u>800</u>	<u>870</u>		<u>NA</u>	
<u>4 1/2"</u>	<u>11.6*</u>		<u>5671</u>	<u>1000</u>	<u>250</u>		<u>NA</u>	

TOTAL DEPTH 5671'

PACKERS SET DEPT' 5479' KB

FORMATION	1	2	3
FORMATION	<u>Ismay</u>	<u>ISMAY</u>	
SPACING & SPACING ORDER NO.	<u>80 acre</u>		
CLASSIFICATION (Oil; Gas; Dry; Inf. Well)	<u>OIL</u>	<u>6-7-77</u> <u>Conv to WI</u>	
PERFORATED	<u>5544-5556</u>	<u>5544-5556</u> <u>5577-5582</u>	
INTERVALS	<u>5577-5582</u>	<u>5601-5603</u>	
	<u>5601-5603</u>	<u>5610-5620</u>	
		<u>5628-5630</u>	
ACIDIZED?	<u>500 gal LSTNE</u>	<u>2500 gal 28%</u>	
	<u>4000 gal Pentrol</u>		
RACTURE TREATED?			

INITIAL TEST DATA

Date	1	2	3
Date	<u>9-1-61</u>	<u>6-7-77</u>	
Oil, bbl./day	<u>194 BOPD</u>		
Oil Gravity			
Gas. Cu. Ft./day			
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day	<u>4 BWPD</u>	<u>374 BWIPD</u>	
Pumping or Flowing	<u>Pumping</u>	<u>Injecting</u>	
CHOKE SIZE			
FLOW TUBING PRESSURE			

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (see 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 Alvin R. Marx Field Supt
STATE OF COLORADO Name and title of representative of company

COUNTY OF MONTezUMA 16th day of December, 1983
Subscribed and sworn before me this
MY Commission expires 10/26/87 Joe S. Roybal
728 N. Beach, Cortez, CO, 81321

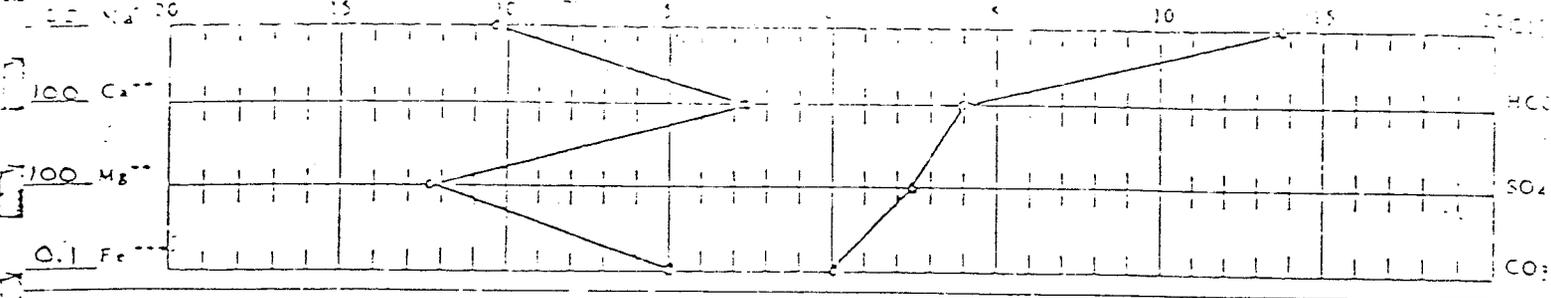
NL Treating Chemicals/NL Industries, Inc.

WATER ANALYSIS REPORT

P.O. Box 1675, Houston, Texas 77001

COMPANY TEXACO, INCORPORATED						SHEET NUMBER 1
FIELD ANETH						DATE 5 APRIL 1982
WELL OR NAME OF NO. INJECTION WATER			COUNTY OR PARISH SAN JUAN	STATE UTAH		
DEPT. NO.	SER. NO.	SAMPLE SOURCE PLANT	TEMP. F	WATER DEL. DAY	DIL. DEL. DAY	GAS. INJ. DAY
DATE SAMPLED 5 APRIL 1982		TYPE OF WATER <input type="checkbox"/> PRODUCED <input checked="" type="checkbox"/> SUPPLY <input checked="" type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALT WATER				

WATER ANALYSIS PATTERN
NUMBER BEHIND OR BELOW INDICATES ME/L (SCALE UNIT)



DISSOLVED SOLIDS		DISSOLVED GASES	
CATIONS	me/l*	me/l*	
Total Hardness	392.0		Hydrogen Sulfide, H ₂ S
Calcium, Ca ⁺⁺	268.0	536.0	Carbon Dioxide, CO ₂
Magnesium, Mg ⁺⁺	124.0	1519.0	Oxygen, O ₂
Iron (Total) Fe ⁺⁺⁺	0.5	10.0	
Barium, Ba ⁺⁺	—	1.0	PHYSICAL PROPERTIES
Sodium, Na (calc.)	1035.1	23807.3	pH
ANIONS			Eh (Redox Potential)
Chloride, Cl ⁻	1380.3	29000.0	Specific Gravity
Sulfate, SO ₄ ⁻²	24.5	1175.0	Turbidity (JTU Units)
Carbonate, CO ₃ ⁻²	0.0	0.0	Total Dissolved Solids (calc.)
Bicarbonate, HCO ₃ ⁻	4.0	224.0	Stability Index @ 77 F
Hydroxyl, OH ⁻	0.0	0.0	@ 140 F
Sulfide, S ⁻²	18.8	300.0	CaSO ₄ Solubility @ 77 F
			@ 176 F
			Max. CaSO ₄ Possible (calc.)
			Max. BaSO ₄ Possible (calc.)
			Residual Hydrocarbons

SUSPENDED SOLIDS (QUALITATIVE)
 Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

REMARKS AND RECOMMENDATIONS:
WATER SHOWS A TENDENCY TOWARD SCALING; PREMARILY CALCIUM CARBONATE

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

ENGINEER MARK BROTHERS	DIST. NO. 12	ADDRESS SARMINGTON, N.M.	OFFICE PHONE 505-325-5701	HOME PHONE 505-325-
----------------------------------	------------------------	------------------------------------	-------------------------------------	-------------------------------

TEXACO

 INSTRUCTIONS - CANCEL LETTER(S) OF _____

SIGNED BY _____

 PERMANENT ROUTINE TEMPORARY

19

(LOCATION)

(DATE)

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, forwarding original and duplicate, and retain copy.

P.O. Box 2100

Denver, CO
80201

By _____

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Super Well No. Ismael Florencio Parks T134
 County: San Juan T 405 R 26E Sec. 34 API# 43-037-16178
 New Well Conversion Disposal Well Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input type="checkbox"/>	<input checked="" 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 Ismael
 Yes No TDS 81385
 Analysis of Injection Fluid
 Yes No TDS 81385

Analysis of Water in Formation to be injected into
Monroy Depth 1070
3 Prcd. 2 P&A 0
 Number of wells in area of review
 Water 0 Inj. 1

Aquifer Exemption Yes NA
 Mechanical Integrity Test Yes No
 Date _____ Type _____

Comments: _____

Reviewed by: CMJ

WELL

OPERATOR

LOCATION

T-134

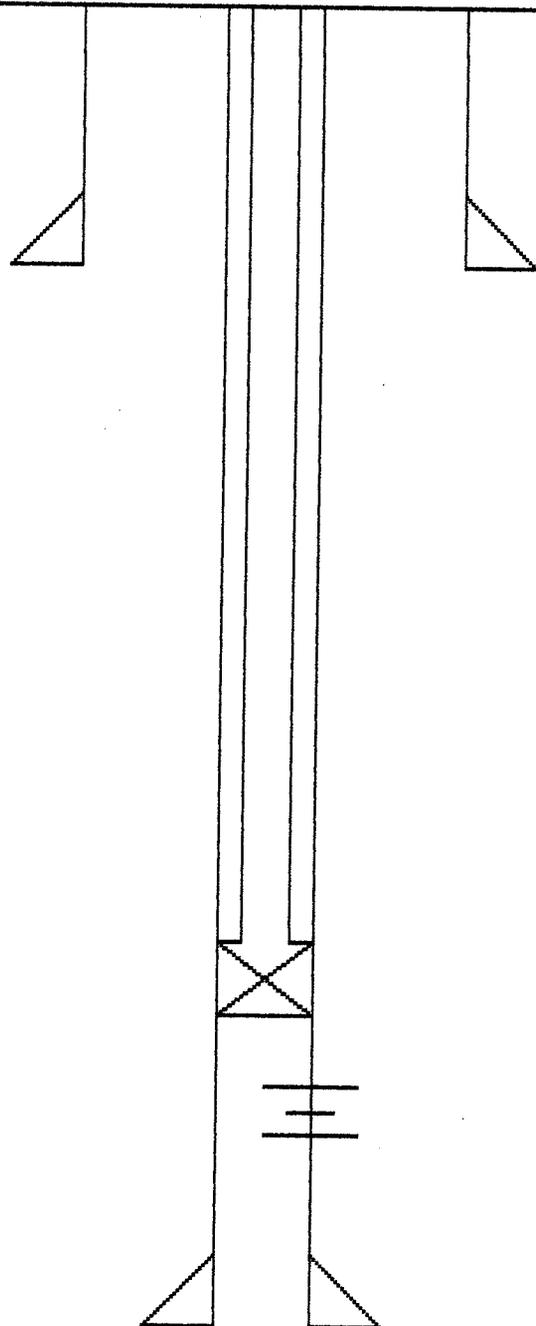
TEXACO

34-40S-26E

COMMENTS

COUNTY

SAN JUAN



7 5/8 @ 1601'

2 3/8 TUBING
PACKER AT 5479'

4 1/2 @ 5671
PERFS AT
5544-5630

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 reenter to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

RECEIVED
AUG 23 1990

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other **Water Injection**

2. Name of Operator
Texaco Inc.

3. Address and Telephone No.
3300 N. Butler, Farmington N.M. 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**660' FNL & 1980' FWL
 Sec. 34, T40S, R26E**

5. Lease Designation and Serial No.
14-20-603-2058-A

6. If Indian, Allottee or Tribe Name
Navajo Tribe

7. If Unit or CA, Agreement Designation
Ismay-Flodine Park Unit

8. Well Name and No.
T134

9. API Well No.
4303716178

10. Field and Pool, or Exploratory Area
Ismay

11. County or Parish, State
San Juan County, Utah

DIVISION OF
OIL, GAS & MINING

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

T134 is currently shut-in. TEXACO INC. requests approval for extending the shut-in status to maintain the subject wellbore for possible future benefit to the unit.

On 8/9/90, T134 was tested to 750 psi for 60 minutes and displayed a positive mechanical integrity test.

OIL AND GAS	
DFN	RJF
JPB	GLH ✓
DIS	SLS
2-DME 3-DME	
MICROFILM ✓	
FILE	

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

Signed Alan A. Kleier Title Area Manager Date 8/17/90

(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

ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME	TOWN SHIP	RANGE	SEC	QTR QTR	API NUMBER	PROD ZONE	WELL STATUS	ENTITY	WELL NAME		
NO980	TEXACO INC	365	GREATER ANETH	S400	E240	14	NESE	4303731381	DSCR	WIW	7000	ANETH UNIT H314X		
				S400	E240	18	NWSW	4303731385	DSCR	POW	7000	ANETH UNIT E218SE		
				S400	E240	7	SESW	4303731384		LA	99998	ANETH UNIT E407SE		
				S400	E230	13	NESE	4303731383	DSCR	POW	7000	ANETH UNIT D213SE		
				S400	E230	13	SENE	4303731382	DSCR	POW	7000	ANETH UNIT D-113SE		
				S400	E240	7	SWSW	4303731386	DSCR	POW	7000	ANETH UNIT E407SW		
				S400	E240	15	SESW	4303731398	DSCR	POW	7000	ANETH UNIT F415		
				S400	E240	15	SENW	4303731397	IS-DC	POW	7000	ANETH UNIT F215		
				S400	E240	15	NWNW	4303731396	IS-DC	POW	7000	ANETH UNIT E115		
				S400	E240	15	NWSE	4303731408	DSCR	POW	7000	ANETH UNIT G315X		
				S400	E240	16	NENE	4303731409	IS-DC	POW	7000	ANETH UNIT H116		
				S400	E240	21	NWNE	4303716093	IS-DC	PA	99998	NAVAJO TRIBE D-5X (ANETH		
				S400	E250	19	SESW	4303716136	DSCR	PA	99998	NAVAJO F-15 (ANETH K-419)		
				S400	E230	11	SWSE	4303716034	DSCR	WIW	99996	MESA 1 (ANETH C414)		
				S400	E240	21	SWNE	4303730516	ISMY	POW	7000	ANETH U G221X		
				1	WILDCAT	S140	E090	19	C-SE	4300730117	FRSD	TA	10921	PINNACLE PEAK UNIT 2
				405	MCELMO MESA	S410	E260	4	NESW	4303720048	DSCR	PA	99998	NAVAJO TRIBE "AC" #8
						S410	E260	4	SWNE	4303720077		PA	99998	NAVAJO TRIBE "AC" #9
						S410	E260	4	SWSW	4303720099	ISMY	PA	99998	NAVAJO TRIBE "AC" #11
						S410	E260	4	SWSE	4303720162	ISMY	PA	99998	NAVAJO TRIBE "AC" #12
				1	WILDCAT	S140	E080	33	SENE	4300730118	FRSD	PA	10922	STATE OF UTAH 'S' #1
				365	GREATER ANETH	S400	E240	23	NWSW	4303716068	IS-DC	WIW	99990	NAVAJO TRIBE C-12 (ANETH
						S400	E240	7	SWNE	4303716308	IS-DC	PA	99996	GULF-FED 6 ANETH G207
						S400	E240	17	NWSW	4303716062	DSCR	WIW	99996	NAVAJO TRIBAL G-7 (ANETH
				1	WILDCAT	S430	E210	19	NENW	4303711253	LDLL	PA	99998	NAVAJO TRIBE "AE" #1
				S430	E210	19	NENW	4303711253	PENN	PA	99998	NAVAJO TRIBE "AE" #1		
				S430	E210	19	NENW	4303711253	DVNN	PA	99998	NAVAJO TRIBE "AE" #1		
				365	GREATER ANETH	S400	E240	17	NWNW	4303716049	DSCR	WIW	99996	ANETH UNIT E-117
						S400	E240	14	NESE	4303716321	PRDX	PA	99998	NAVAJO A-3/43-14 (ANETH H
						S400	E250	29	SENW	4303716334	DSCR	PA	99996	NAVAJO F-14
				1	WILDCAT	NO20	E120	11	SESW	4304330292		PA	10953	STEEL CREEK NO. 1
				380	ISMAY	S400	E260	20	NESE	4303716193	ISMY	PA	99998	NAVAJO TRIBE J-3 (V-320)
						S400	E260	22	NESW	4303716179	ISMY	WIW	99990	NAVAJO J-21 (T-322)
						S400	E260	34	NENW	4303716178	ISMY	WIW	99990	NAV TR "AC" #1 ISMY FLODI
				S400	E260	20	NENW	4303716459	ISMY	PA	99998	NAVAJO TRIBE J-8 (T-120)		
				S400	E260	20	SWNE	4303716465	ISMY	WIW	99990	NAVAJO TRIBE J-9 (U-220)		
365	GREATER ANETH	S400	E230	14	SWNE	4303716033	PRDX	WIW	99990	ARROWHEAD #3 (ANETH C-214				
		S400	E230	14	NESW	4303716273	PRDX	WIW	99990	ARROWHEAD 2 (ANETH B-314)				
		S400	E230	14	SWSE	4303716035	PRDX	WIW	99990	ARROWHEAD 5 (ANETH C-414)				
		S400	E230	14	NENE	4303716277	PRDX	WIW	99990	ARROWHEAD 1 (ANETH D-114)				
		S400	E230	14	NESE	4303716038	PRDX	WIW	99990	ARROWHEAD #4 (ANETH D-314)				
		S400	E230	23	SWNE	4303716276	PRDX	WIW	99990	A.W. RICE 3 (ANETH C-223)				
		S400	E230	23	NENW	4303716271	PRDX	WIW	99990	A.W. RICE 2 (ANETH B-123)				
		S400	E230	24	NWNW	4303716270	PRDX	WIW	99990	FEDERAL A-1 (ANETH A-124)				
		S400	E230	24	NWNE	4303716275	PRDX	WIW	99990	FEDERAL 1 (ANETH C-124)				
		S400	E240	24	SESW	4303716087	PRDX	WIW	99990	NAVAJO TRIBE C-13 (ANETH				
		S400	E240	7	SENW	4303715414	PRDX	WIW	99990	GULF-AZTEC FED #4 (ANETH				

RECEIVED

MAY 28 1991

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: _____		See Attached Listing	DIVISION OF OIL GAS & MINING
Field or Unit name: _____		API no. _____	
Well location: QQ _____ section _____ township _____ range _____ county _____			
Effective Date of Transfer: <u>6-1-91</u>			
CURRENT OPERATOR			
Transfer approved by:			
Name	<u>R. S. Lane</u>	Company	<u>Texaco Inc.</u>
Signature	<u><i>R. S. Lane</i></u>	Address	<u>P. O. Box 3109</u>
Title	<u>Attorney-in-Fact</u>		<u>Midland, TX 79702</u>
Date	_____	Phone (915)	<u>688-4100</u>
Comments: Correspondence Address: <u>Texaco Inc.</u> <u>3300 North Butler</u> <u>Farmington, NM 87401</u> <u>(505) 325-4397</u>			
NEW OPERATOR			
Transfer approved by:			
Name	<u>R. S. Lane</u>	Company	<u>Texaco Exploration and Production Inc.</u>
Signature	<u><i>R. S. Lane</i></u>	Address	<u>P. O. Box 3109</u>
Title	<u>Attorney-in-Fact</u>		<u>Midland, TX 79702</u>
Date	_____	Phone (915)	<u>688-4100</u>
Comments: Correspondence Address: <u>Texaco Exploration and Production Inc.</u> <u>3300 North Butler</u> <u>Farmington, NM 87401</u> <u>(505) 325-4397</u>			
(State use only)			
Transfer approved by <u><i>Neil Hunt</i></u>		Title <u><i>UIC Manager</i></u>	
Approval Date <u>6-26-91</u>			



Texaco Exploration and Production Inc
Midland Producing Division

P O Box 3109
Midland TX 79702-3109

May 22, 1991

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MAY 28 1991

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas, and Mining
Attn: Ms. Lisha Romero
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen:

This is to advise that as a part of a reorganization of Texaco Inc., a Delaware corporation, the name of Texaco Producing Inc., a Delaware corporation and wholly owned subsidiary of Texaco Inc., has been changed to Texaco Exploration and Production Inc. Further, Texaco Exploration and Production Inc. will succeed to the rights, titles, interests and obligations of Texaco Inc.

This means that Texaco Exploration and Production Inc. will be the operator for all the oil and gas properties that were operated by Texaco Inc. and Texaco Producing Inc. We plan to abbreviate the name as Texaco E & P Inc. for purposes of submitting production reports, etc., via computer, and we suggest that for consistency you use that abbreviation also.

We have enclosed a Sundry Notice with a list of the wells which Texaco operates in Utah. Also attached is UIC Form 5 for transfer of injection authority. Please note that Texaco has two Divisions which operate wells in Utah. One is located in Denver, Colorado, and the other is in Midland, Texas. We have enclosed separate Sundry Notices and lists of wells for each Division. If you have questions concerning the Denver-operated wells, please call Roger Hadley at (303) 793-4833. If you have questions concerning the Midland-operated wells, please call Ken Miller at (915) 688-4834.

Please change any of your other records as necessary to reflect this change.

Yours very truly,

R. S. Lane
Assistant Division Manager

RKH/KMM-CC

Attachments

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

6. Lease Designation and Serial Number
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number
10. API Well Number
11. Field and Pool, or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	9. Well Name and Number
2. Name of Operator Texaco Exploration and Production Inc.	10. API Well Number
3. Address of Operator 3300 North Butler, Farmington, NM 87401	4. Telephone Number (505) 325-4397
5. Location of Well	
Footage : QQ, Sec. T., R., M. : See Attached	County : State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Transfer of Plugging Bond</u>	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Change of Operator/Operator Name</u>	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This submittal is for a change of operator (name change) for all of the attached wells. The new operator, Texaco Exploration and Production Inc., hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Department for proper plugging and surface restoration of the attached wells. All contact personnel, office addresses and phone numbers will remain the same.

FORMER OPERATOR: TEXACO INC.	NEW OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.
SIGNED: <u><i>[Signature]</i></u> Attorney-in-Fact	SIGNED: <u><i>[Signature]</i></u> Assistant Division Manager
DATE: _____	DATE: _____

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

Name & Signature _____ Title Asst. Div. Manager Date _____

(State Use Only)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Texaco Exploration and Production Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 46510, Denver, CO 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME
16. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH 13. STATE

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MAY 28 1991

DIVISION OF
OIL GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Transfer of Owner/Operator <input type="checkbox"/>	
(Other) Transfer of Plugging Bond <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Texaco Inc. has assigned all its ownership rights in the subject well. As of January 1, 1991, Texaco Inc. is no longer the Operator of subject well. The New Operator Texaco Exploration and Production Inc. hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Commission for proper plugging and surface restoration of the subject well.

Former Operator:	New Operator:
TEXACO INC.	Texaco Exploration and Production Inc.
Signed: <u>[Signature]</u>	Signed: <u>[Signature]</u>
Attorney-In-Fact for Texaco Inc.	Title: Division Manager
Date: 3/1/91	Date: 3/1/91

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Division Manager DATE 3/1/91
(This space for Federal or State office use)

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

Routing:	
1- LCR/GIL	✓
2- DTS/DTS	✓
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- LCR	✓

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

- Change of Operator (well sold) Designation of Agent
 Designation of Operator **XXX** Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)
(TEXACO EXPLORATION AND PRODUCTION INC.)

TO (new operator)	<u>TEXACO E & P INC.</u>	FROM (former operator)	<u>TEXACO INC.</u>
(address)	<u>3300 NORTH BUTLER</u>	(address)	<u>3300 NORTH BUTLER</u>
	<u>FARMINGTON, NM 87401</u>		<u>FARMINGTON, NM 87401</u>
	<u>BRENT HELQUIST</u>		<u>FRANK</u>
	phone <u>(505) 325-4397</u>		phone <u>(505) 325-4397</u>
	account no. <u>N 5700 (6-5-91)</u>		account no. <u>N 0980</u>

Well(s) (attach additional page if needed):

Name: (SEE ATTACHED)	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (5-28-91)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See 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: #114097.
- See 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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-11-91)
- See 6. Cardex file has been updated for each well listed above.
- See 7. Well file labels have been updated for each well listed above. (will update when filing)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 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.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #K0290791-4 80,000-Ins. Co. of N. America rec. 2-11-91.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) yes. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____. #m157448 80,000-Ins. Co. of N. America

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases. 6-27-91

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: July 15 1991.

FILED

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

- 910606 Btm/Farmington N.M. - Duane Spencer (505) 327-5344 will follow up & call back.
- 910607 Btm/Farmington - Approved 4-2-91 "Company Merger" Includes Aneth Unit and Ismay Flodine Unit.
- 910607 St. Lands approved 4-15-91 "merger".

**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

1. Type of Well
 Oil Well Gas Well Other **Injection Well**

2. Name of Operator
Texaco Exploration and Producing Inc.

3. Address and Telephone No.
3300 N. Butler, Farmington N.M. 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660 FNL & 1980 FWL Section 34-T40S-R26E

5. Lease Designation and Serial No.
14-20-603-2058-A

6. If Indian, Allottee or Tribe Name
Navajo Tribe

7. If Unit or CA, Agreement Designation
Ismay-Flodine Park Unit

8. Well Name and No.
T134

9. API Well No.
43-037-16178

10. Field and Pool, or Exploratory Area
Ismay

11. County or Parish, State
San Juan, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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.)*

Texaco proposes to plug and abandon the subject well. See the attached procedure and wellbore diagrams for pertinent details. Tentative start date is October 1, 1993.

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JUN 21 1993

DIVISION OF
OIL, GAS & MINING

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

DATE: 6-22-93
 BY: J.A. Matthews

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

Signed J. A. Matthews Title Area Manager Date 6/8/93

(This space for Federal or State office use)

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

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

*See Instruction on Reverse Side

**ISMAY - FLODINE PARK UNIT T134
PLUGGING PROCEDURE**

1. Notify the EPA before moving on location. Contact Larry Schlotterback to coordinate notifications.
2. MIRUPU. NUBOP's w/ pipe and blind rams. Pick up 2 3/8" workstring and sting into cement retainer @ 5414'.
3. RU cementers and establish a rate and pressure. Squeeze w/ 10 bbls of cement. Displace w/ 21 bbls of water. Sting out of retainer and lay down 2 joints of tubing. (Leave 60' of cement on top of retainer.) Reverse out excess cement.
4. Spot 11 bbls of 10 ppg mud from 5354' to 4690'. Pull up to 4690'. Spot 5 bbls of cement from 4690' to 4490'. (50% excess). Pull up to 4100'. Reverse out excess cement and WOC. Tag cement top. If cement top is below 4490', then respot.
5. Spot 10 ppg mud (~25 bbls) from cement top to 2760'. Pull up to 2760'. Spot 5 bbls of cement from 2760' to 2560'. (50% excess). Pull up to 2350'. Reverse out excess cement and WOC. Tag cement top. If cement top is below 2560', then respot.
6. Spot 10 ppg mud (~12 bbls) from cement top to 1650'. TOOH. RU perforators. Shot 4 squeeze holes @ 1650'.
7. TIH w/ 4 1/2" cement retainer. Set retainer @ 1550'. Establish circulation through the bradenhead. Circulate cement (~40 bbls). Displace w/ 5 bbls of water. Sting out of retainer and lay down 2 joints of tubing. (Leave 60' of cement on top of retainer.) Reverse out excess cement.
8. Spot 23 bbls of 10 ppg mud to surface. TOOH. NDBOP's. TIH w/ 2 joints of tubing. Spot cement to surface. TOOH. Fill remaining annulus with cement. RDMOL. Erect P&A marker and clean and reseed location as per BLM specifications.

JLB

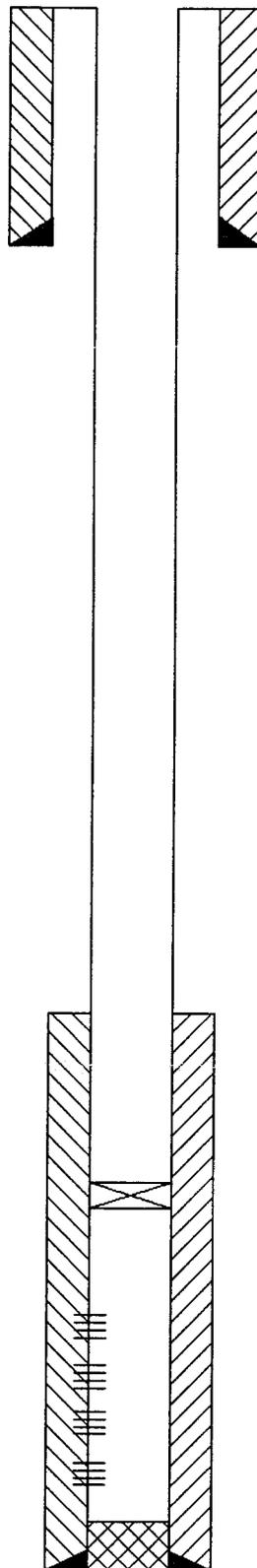
Ismay Flodine Park Unit T134

Formation tops:

Navajo 750'
Chinlee 1600'
DeChelly 2660'
Hermosa 4590'
Ismay 5505'

Perforations:

5577'-82'
5601'-03'
5610'-22'
5628'-30'



7" 20# Casing
Set @ 1601'
Cemented w/ 800 sxs.
Cemented w/ 70 sxs to surface

4 1/2" 11.6# Casing
Set @ 5671'
Cemented w/ 250 sxs.
in 6 3/4" hole.

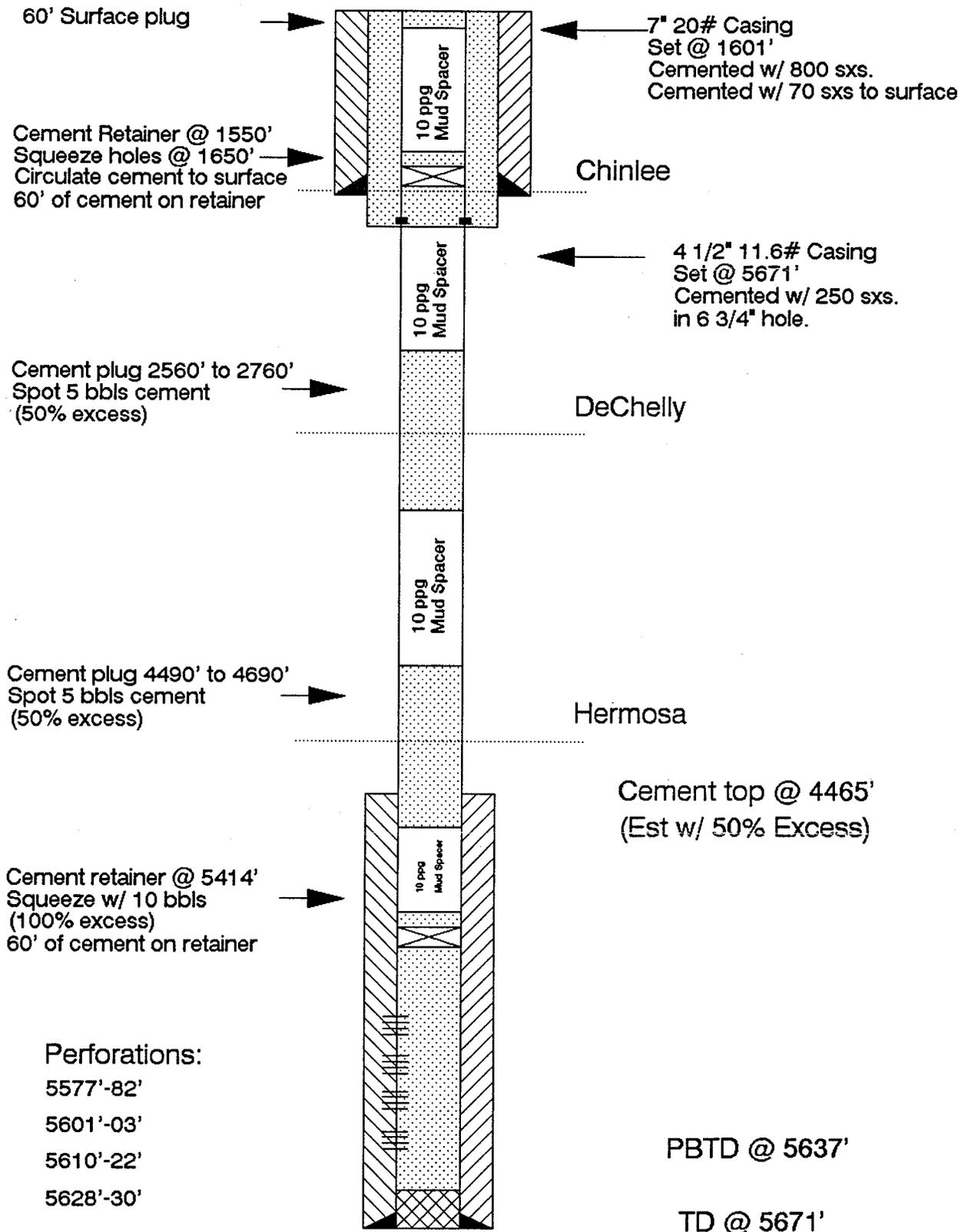
Cement top @ 4465'
(Est w/ 50% Excess)

Cement Retainer @ 5414'

PBTD @ 5637'

TD @ 5671'

Ismay Flodine Park Unit T134
P&A Configuration



**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

<p>1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection Well</p> <p>2. Name of Operator Texaco Exploration & Production Inc.</p> <p>3. Address and Telephone No. 3300 N. Butler, Farmington N.M. 87401 (505)325-4307</p> <p>4. Location of Well (Footage, Sec., T., R., M. or Survey Description) 660' FNL & 1980' FWL NE/NW, Sec. 34, T40S, R26E</p>	<p>5. Lease Designation and Serial No. 14-20-603-2058-A</p> <p>6. If Indian, Allottee or Tribe Name Navajo Tribal</p> <p>7. If Unit or CA, Agreement Designation Ismay-Flodine Park Unit</p> <p>8. Well Name and No. T134</p> <p>9. API Well No. 43-037-16178</p> <p>10. Field and Pool, or Exploratory Area Ismay</p> <p>11. County or Parish, State San Juan, Utah</p>
--	--

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input checked="" type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____ <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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.)*

Texaco E. & P. Inc. has Plugged & Abandoned the subject well. The following procedure was used:

7-29-93. MIRUSU. Stung into CMT retainer @ 5374'. Squeezed perfs with 5 BBLS CMT. Set CMT plug from 5374' to 5314'. Placed 10 PPG mud from 5314' to 4690'. Set CMT plug from 4690' to 4490'. After waiting on CMT to set, TIH and tagged CMT at 4270'. Placed mud from 4270' to 2771'. Spotted CMT from 2771' to 2448'. TIH and tagged CMT at 2460'. Placed 12.6 BBLS mud from 2460' to 1650'. RU and shot four squeeze holes at 1650'. Set CMT retainer at 1548'. Circulated 59.3 BBLS of CMT to surface. Stung out and placed 120' CMT above retainer. Spotted 22 BBLS of mud to surface. TIH with two JTS of TBG and spotted CMT to surface. RDMOSU. 8-05-93. Erect P&A marker.

ACCEPTED BY THE STATE ENGINEER
OF UTAH DIVISION OF
OIL, GAS AND MINING
OCT 22 1993

DATE: 10-25-93
BY: [Signature] DIVISION OF
OIL, GAS & MINING

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

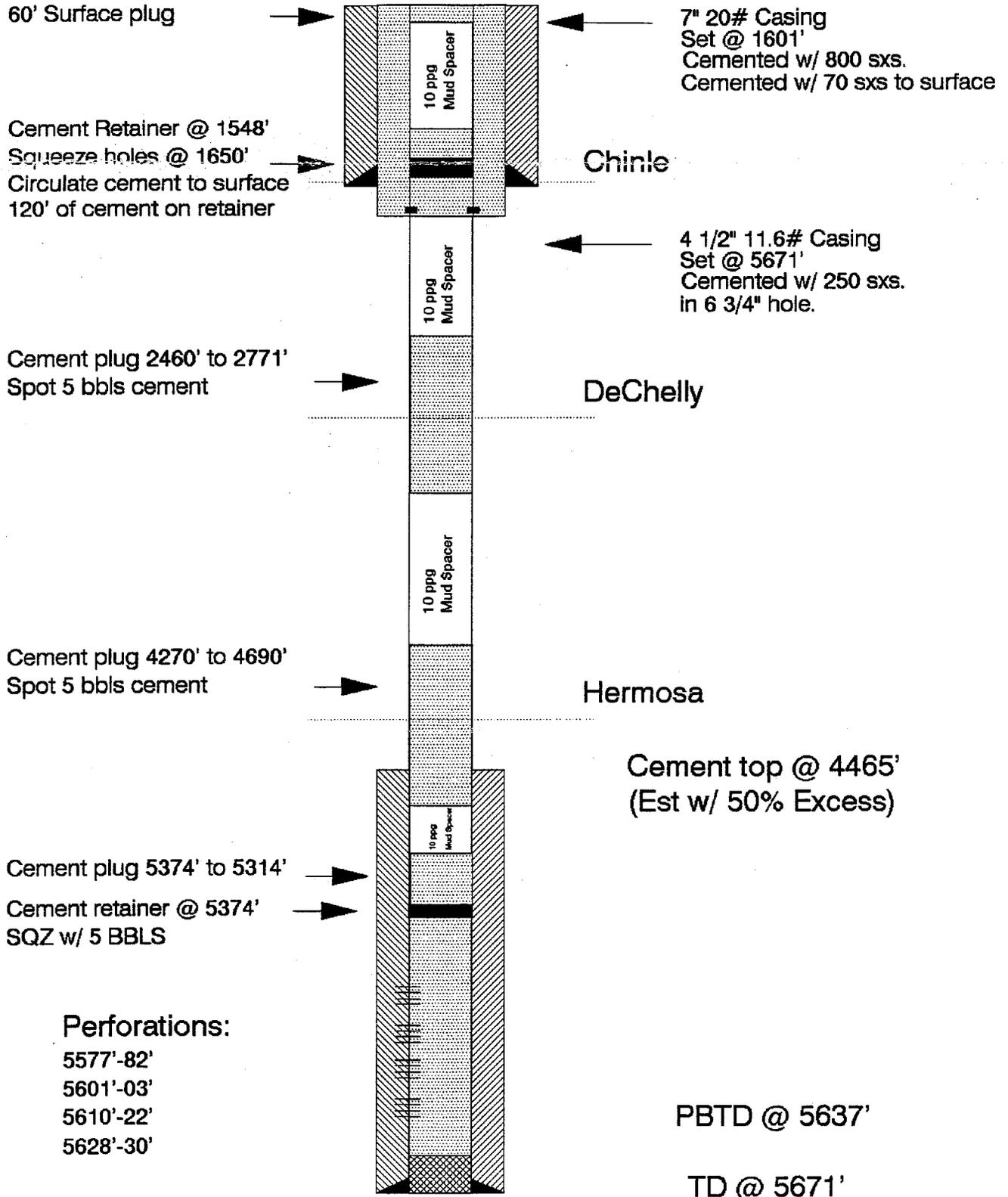
Signed [Signature] Title Area Manager Date 9/14/93

(This space for Federal or State office use)

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

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

Ismay Flodine Park Unit T134 PLUGGED AND ABANDONED



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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection Well	5. Lease Designation and Serial No. 14-20-603-2058-A
2. Name of Operator Texaco Exploration & Production Inc.	6. If Indian, Allottee or Tribe Name Navajo Tribal
3. Address and Telephone No. 3300 N. Butler, Farmington N.M. 87401 (505)325-4397	7. If Unit or CA, Agreement Designation Ismay-Flodine Park Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 1980' FWL NE/NW, Sec. 34, T40S, R26E	8. Well Name and No. T134
	9. API Well No. 43-037-16178
	10. Field and Pool, or Exploratory Area Ismay
	11. County or Parish, State San Juan, Utah

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

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

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

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

RECEIVED

OCT 22 1993

DATE: 10-25-93
BY: [Signature]

DIVISION OF
OIL, GAS & MINING

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

Signed [Signature] Title Area Manager Date 9/14/93

(This space for Federal or State office use)

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

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*See Instruction on Reverse Side

Ismay Flodine Park Unit T134 PLUGGED AND ABANDONED

