

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Allottee Navajo
Lease No. 14-22-422-277

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 21, 19 61

North Desert Creek

Well No. 11-24 is located 510 ft. from N line and 510 ft. from W line of sec. 24

SEMN SEC. 24 T41S R23E S12N
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rutherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation ~~of the surface floor above sea level~~ is 4613 ft. (approx. GR)

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)

1. Drill 17-1/4" hole to 80'±. Run and cement 80'± of 13-3/8" casing with 75 sacks cement.
2. Drill 12-1/4" hole to 1350'±.
3. Run and cement 8-5/8" 32W J-55 casing at 1350'± with 400 sacks cement treated with 2% Calcium chloride.
4. Drill 7-7/8" hole to 5370'± and 4-3/4" hole to 5540'± (TD) (Desert Creek Zone).
5. Cement 5-1/2", 15-1/2W J-55 casing at 5365'± with 200 sacks cement.
6. Acidize open hole with 4400 Gals. of 12% HCL Acid.
7. Place well on production and establish initial rate.

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

Company Shell Oil Company

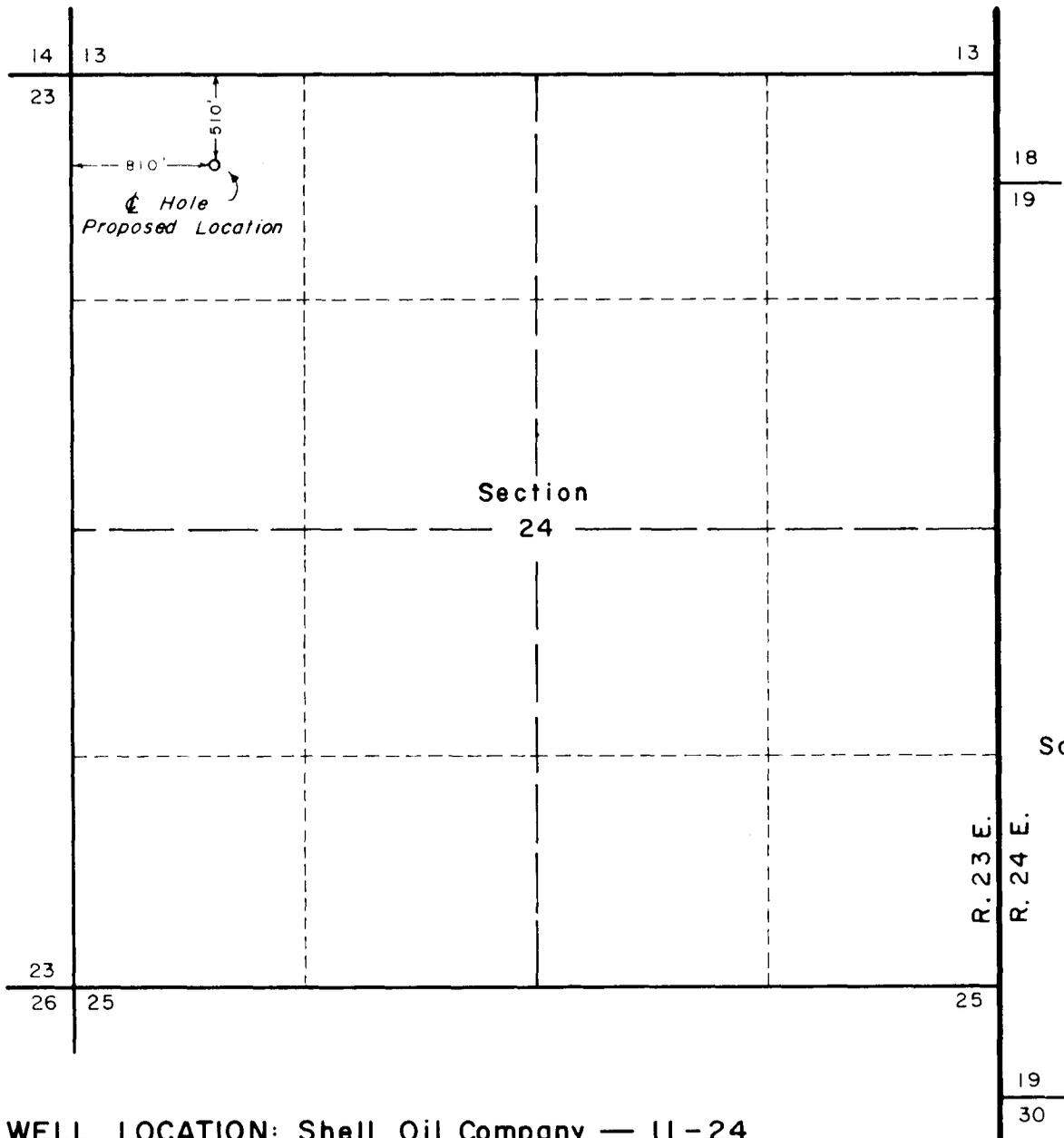
Address P. O. Box 1200

Farmington, New Mexico

Original Signed By
W. M. MARSHALL

By W. M. Marshall

Title Division Exploitation Engineer



WELL LOCATION: Shell Oil Company — 11-24

Located 510 feet South of the North line and 810 feet East of the West line of Section 24,
 Township 41 South, Range 23 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 4613 feet based on Shell Oil Co. datum.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Elmer M. Clark

ELMER M. CLARK
 Registered Land Surveyor
 State of Utah (No 2307)

Shell Oil Co., Farmington, N.M.	
WELL LOCATION PLAT	
NW 1/4-NW 1/4 Sec. 24, T41 S, R23 E	
San Juan Co., Utah	
E.M. CLARK & ASSOC. Durango, Colorado	DATE: June 15, 1961 FILE NO: Z20-1431

July 11, 1961

Shell Oil Company
P. O. Box 1200
Farmington, New Mexico

Attn: W. M. Marshall, Div. Exploitation Eng.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. North Desert Creek 11-24, which is to be located 510 feet from the north line and 810 feet from the west line of Section 24, Township 41 South, Range 23 East, S1EM, 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 No. 56, in a Hearing held on July 11, 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

10

U. S. LAND OFFICE Navajo Lands
SERIAL NUMBER 14-20-603-247
LEASE OR PERMIT TO PROSPECT _____

X							
		24					

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address P. O. Box 1200, Farmington, New Mexico
Lessor or Tract Navajo Tribal Field Rutherford State Utah
Well No. 11-24 Sec. 24 T. 23N R. 23E Meridian S.L.B.M. County San Juan
Location 510 ft. N. of S. Line and 810 ft. E. of W. Line of Sec. 24 Elevation 4636 (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.

Original Signed By W. M. MARSHALL
Signed W. M. Marshall Title Division Exploitation Engineer

Date _____

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

Commenced drilling September 3, 1961 Finished drilling September 29, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5339 to 5508 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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--	
<u>13-3/8</u>				<u>91'</u>					<u>Conductor</u>
<u>8-3/8</u>	<u>32</u>			<u>1367</u>					<u>Surface</u>
<u>5-1/2</u>	<u>15.5</u>			<u>5339</u>					<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-3/8</u>	<u>1367</u>	<u>200 sacks</u>	<u>1.1 lb. cement</u>	<u>displacement</u>	
		<u>+ 200 sacks</u>	<u>eg. with</u>		
		<u>25 CaCl₂</u>			
<u>5-1/2</u>	<u>5339</u>	<u>200 sack</u>	<u>displacement</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

X			
	24		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allettee Tribal Lands
Lease No. 14-20-603-247

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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

September 7, 19 61

North Desert Creek

Well No. 11-24 is located 510 ft. from 13 ^[N] line and 810 ft. from W ^[E] line of sec. 24

NW NW 24

41 S.

23 E.

S.L.B.M.

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

(Twp.)

(Range)

(Meridian)

Ratherford

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4613 ft. (Approx. Gr.)

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 9-3-61.

- 9-3-61 Ran and cemented 13-3/8" conductor pipe at 91' with 125 sacks.
- 9-5-61 Ran and cemented 8-5/8" J-55, 32 casing at 1367 with 200 sacks 1:1 Pozmix followed by 200 sacks of cement treated with 2% calcium chloride.
- 9-6-61 Tested BOP and casing at 700 psi for 15 minutes. Pressure held.

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

Company Shell Oil Company

Address Post Office Box 1200
Farmington, New Mexico

Original Signed By
W. M. MARSHALL

By W. M. Marshall
Title Division Exploitation Engineer

DRILLING REPORT
 FOR PERIOD ENDING

September 29, 1961

Ratherford

(FIELD)

San Juan

(COUNTY)

24

(SECTION OR LEASE)

T. 41 S., R. 23 E.

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
			Location: 510' S and 810' E of NW corner Sec. 24, T. 41 S., R. 23 E., S.L.M., San Juan County, Utah
			Elevation: KB 4626.4 DF 4623.8 GG 4612.8
9-3	0	91	Spudded 4:00 P.M. 9-3-61. Ran and cemented 13-3/8" conductor pipe at 91' with 125 sacks cement.
9-4 to 9-5	91	1371	Drilled 12-1/4" hole to 1371'. Ran and cemented 8-5/8", 32#, J-55 casing at 1367. Cemented with 200 sacks 1.1 Pozmix plus 200 sacks regular plus 2% Calcium Chloride. Tested BOP and casing with 700 psi for 15 min.
9-6 to 9-24	1371	5352	Drilled 7-7/8" hole to 5352'. (Schlumberger 5356). Reduced hole to 4-3/4" @ 5352'.
9-25 to 9-28	5352	5508 ID	Drilled 4-3/4" hole to 5508. Ran logs.
9-29			Ran and cemented 5-1/2", 15-1/2#, J-55 casing shoe landed at 5339. Cemented with 200 sacks of regular. Drilled out plug. Cleaned out to bottom. Circulated hole clean with water. Released rig 9:00 P.M. 9-29-61.
			Check BOP Daily Mud Summary WT 8.8 - 10.0 #/gal. Vis 38 - 48 Sec WL 7 - 14.8 cc FC 2/32
			End

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
17-1/4	0	91	13-3/8	91
12-1/4	91	1371	8-5/8	1367
7-7/8	1371	5352	8-1/2	5339
4-3/4	5352	5508		
DRILL PIPE SIZES 4-1/2				

Contractor: Rutledge Drilling Company
 Contract Pusher: P. Horton
 Drillers: O. L. Glover, N. E. Wayman,
 R. L. Scott

Company Drilling Foreman: H. H. Brigham

(SUBMIT IN TRIPLICATE)

Indian Agency Nevajo

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal Lands

Lease No. 14-20-603-247

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	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL			

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

October 4, 1961

North Desert Creek
Well No. 11-24 is located 510 ft. from N line and 810 ft. from W line of sec. 24

24 (1/4 Sec. and Sec. No.) 41 S. (Twp.) 23 E. (Range) S.L.B.M. (Meridian)

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

The elevation of the derrick floor above sea level is 4623.8 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)

Status: Total Depth 5508
Casing 5-1/2", 15-1/2, J-55 cemented at 5339' with 200 sacks regular.
4-3/4" open hole from 5352 to 5506 T.D.

Proposed Work: (1) Run tubing with abrasijet gun (3 jets). (2) Adjust tubing to cut notch at 5383', by tubing rotation with 2000 gallons 15% HCL. Displace acid from tubing with water. (3) Close tubing at surface and inject 2000 gallons of acid. By pumping down annulus. Open tubing and pump 1700 gallons acid down annulus. Close tubing. Pump remainder of 6000 gallons regular 15% HCL down annulus. Over displace annular volume with 95 barrels of water. Limit surface treating pressure to 4000 psi.

(Continued Over)

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

Company Shell Oil Company

Address Post Office Box 1200

Farmington, New Mexico

By W. H. Marshall

Title Div. Exploitation Engineer

OCT 6 1964

- (4) Pull tubing and abrasijet gun and return tubing with seating nipple.
- (5) Flush out acid water.

DRILLING REPORT
FOR PERIOD ENDING

Ratherford

(FIELD)

24

(SECTION OR LEASE)

San Juan

(COUNTY)

10-23-61

T. 41 S., R. 23 E.

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
9-30			Moving rig off location.
10-1			Installed pumping unit. Moving in completion rig.
10-2			Pulled tubing and bit. Re-ran tubing with Abrasi-jet gun. Ran GR-Collar log and set Abrasi-jet ports at 5383'. Preparing to acidize.
10-3			Ran Abrasi-jet tool on tubing with ports at 5383'. Tested rate through jet with water. Rate indicated leak in tool. Pulled and found plug screw in tool had come out. Repaired, re-ran tool. Dowell pump failed.
10-4			Cut notch in formation at 5383' with 2000 gallons 15% HCL using Abrasi-jet gun. Injected 2000 gallons acid used to cut notch. Acidized down annulus with 6000 gallons 15% HCL at 4000 psi. Average rate 8.8 barrels/minute. Immediate shut in pressure 3300 psi, bled to 3100 in 50 minutes. Opened tubing and flowed back 100-125 barrels acid water. Died. Pulled tubing and re-ran with pump seating nipple. Swabbing.
10-5			Swabbed 300 barrels of acid and water. Last four runs made approximate 3 barrels. Shut down over night.
10-6			Made two swab runs and recovered a total of two barrels of acid water. Ran rods and pump.
10-7			Well on production at 8:30 A.M. Pumped up in 2-1/2 hours with good pump action. Made 44 barrels of acid water in 20-1/2 hours.
10-8			Pumped 9 B/D water, no oil.
10-9			Pumped 5 B/D gross, 5 B/D oil.
10-10 to 10-22			Testing pump.
10-23			Pumped 9 B/D gross, 9 B/D oil, 9 MCF/D, GOR 1000, cut 0.2%. Representative Initial Production: Pumping 9 B/D gross, 9 B/D oil, 9 MCF/D, GOR 1000, cut 0.2%.

CONDITION AT End OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
17-1/4	0	91	13-3/8	91'
12-1/4	91	1371	8-5/8	1367'
7-7/8	1371	5352	5-1/2	5339'
4-3/4	5352	5508	-	-
				
DRILL PIPE SIZES 4-1/2				

B. W. Shepard

SIGNED

Copy to file

RT

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

X			
	24		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal Lands
Lease No. 14-20-603-247

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		
Subsequent Report of Completion		X

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

October 25, 19 61

North Desert Creek

Well No. 11-24 is located 510 ft. from N line and 810 ft. from W line of sec. 24

NW NW 24 41S 23E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ratherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~depth~~ ^{Kelly Bushing} ~~depth~~ above sea level is 4626 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)

- 10-2 Ran tubing with abrasijet gun. Ran G.R.-Collar log and set abrasijet ports at 5383'. Preparing to acidize.
- 10-3 Tested rate through jets with water. Rate indicated leak in tool. Pulled tubing with tool. Repaired tool. Reran tubing and tool.
- 10-4 Cut notch in formation at 5383' with 2000 gals. 15% HCL. Acidized with 6000 gals. of 15% HCL at 4000 psi. Average rate 8.8 Ebls./min. Pulled tubing and reran with pump seating nipple at 5460'.
- 10-5 Swabbed 300 bbls. of acid and water.
- 10-6 Ran rods and pump.
- 10-7 Pumped 44 bbls. of acid water in 20-1/2 hrs.
- 10-8 to Testing pump.
- 10-23

(over)

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

Company Shell Oil Company

Address P. O. Box 1200

Farmington, New Mexico

Original Signed By
By W. M. MARSHALL

W. M. Marshall
Title Division Exploitation Engineer

Representative Initial Production

**Pumping 9 B/D gross, 9 B/D oil, cut 0.2%, 9 MCF/D, GOR 1000
Completed 10-9-61**

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Phillips Oil Company</p> <p>3. ADDRESS OF OPERATOR P. O. Box 2920, Casper, WY 82602</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface See Attached</p> <p>14. PERMIT NO. See Attached</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. 96-004192 ✓</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo</p> <p>7. UNIT AGREEMENT NAME Ratherford Unit ✓</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO.</p> <p>10. FIELD AND POOL, OR WILDCAT N/A</p> <p>11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA See Attached</p> <p>12. COUNTY OR PARISH 12. STATE San Juan Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.)</p>	

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

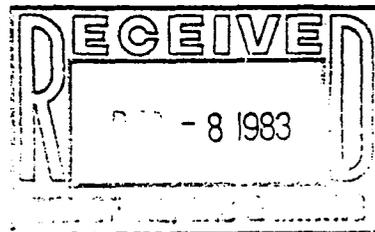
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>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

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

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

To show change of Operator only. Phillips Oil Company assumed operations effective December 1, 1983 from Phillips Petroleum Company. See attached for list of wells.

100-24-11



Org. & 3-BLM

- | | | |
|---|---|--|
| 1-The Navajo Nation
1-Mary Wiley Black
1-Lawrence E. Brock
1-Cheveron USA
1-Ralph Faxel
1-Royal Hogan
1-W. O. Keller
1-Dee Kelly Corp. | 1-Robert Klabzuba
1-Micheal J. Moncrief
1-Richard B. Moncrief
1-Lee W. Moncrief
1-Mary H. Morgan
1-W. A. Moncrief
1-W. A. Moncrief, Jr.
1-L. F. Peterson | 1-Shell Oil Co.
1-Southland Royalty Co.
1-Superior Oil Co.
1-Leroy Shave
1-Texaco, Inc.
1-Wade Wiley, Jr.
1-Edwin W. Word, Jr.
1-File |
|---|---|--|

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

SIGNED A. E. Stuart TITLE Area Manager

DATE 12/6/83

(This space for Federal or State office use)

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

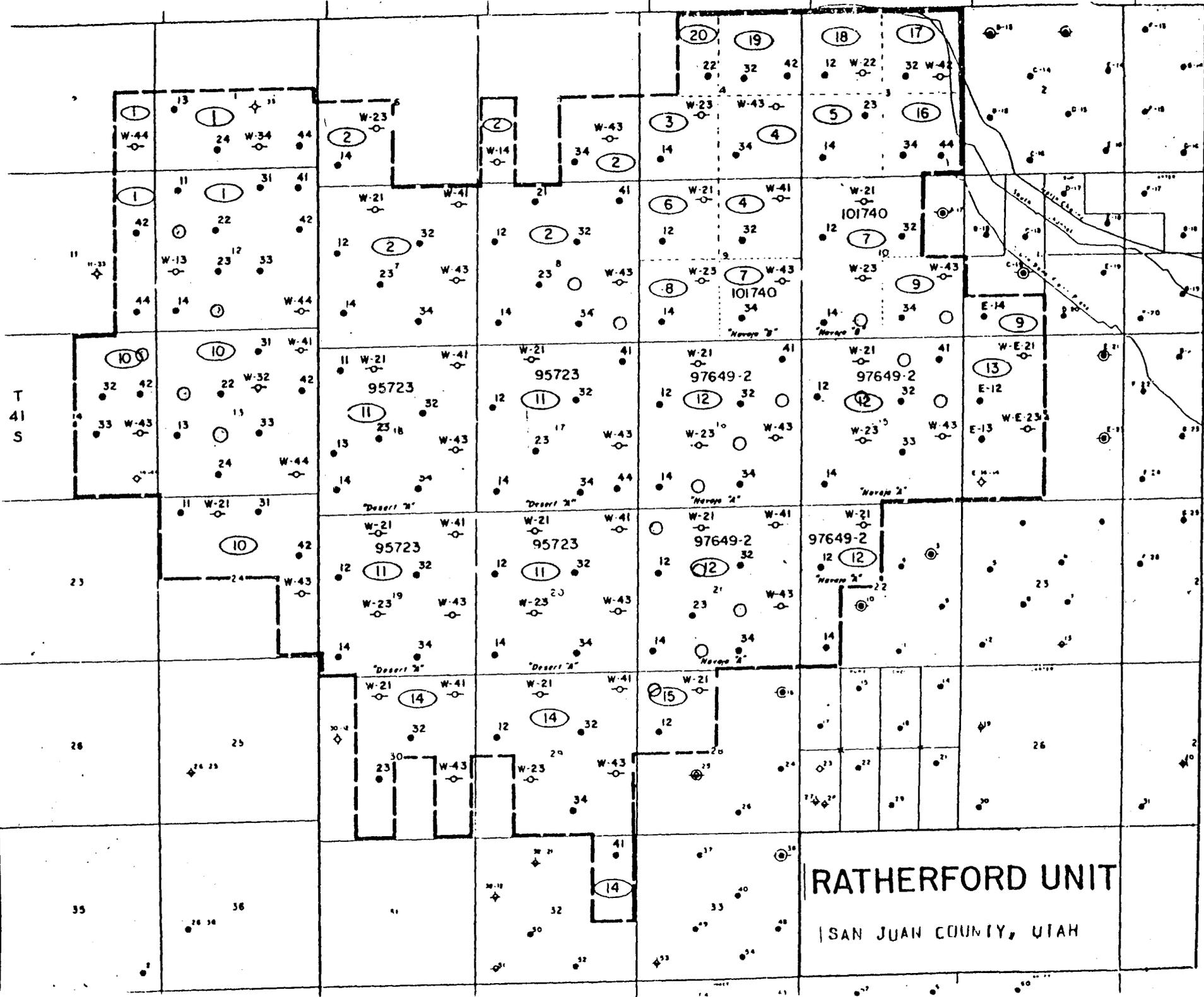
*See Instructions on Reverse Side

<u>WELL NO.</u>	<u>WELL LOCATION</u>	<u>API NO.</u>	<u>STATUS</u>
29-34	SW SE Sec. 29-T41S-R24E	43-037-15340	Act.
30-23	NE SW Sec. 30-T41S-R24E	43-037-15341	SI
30-32	SW NE Sec. 30-T41S-R24E	43-037-15342	SI
32-41	NE NE Sec. 32-T41S-R24E	43-037-15344	SI
1-13	NW SW Sec. 1-T41S-R24E	43-037-15838	Act.
1-24	SE SW Sec. 1-T41S-R24E	43-037-15839	Act.
1-44	SE SE Sec. 1-T41S-R24E	43-037-15840	Act.
6-14	SW SW Sec. 6-T41S-R24E	43-037-15894	Act.
7-12	SW NW Sec. 7-T41S-R24E	43-037-15985	SI
7-14	SW SW Sec. 7-T41S-R24E	43-037-15986	SI
7-23	NE SW Sec. 7-T41S-R24E	43-037-15987	SI
7-32	SW NE Sec. 7-T41S-R24E	43-037-15988	SI
7-34	SW SE Sec. 7-T41S-R24E	43-037-15989	Act.
11-42	SE NE Sec. 11-T41S-R23E	43-037-15841	Act.
11-44	SE SE Sec. 11-T41S-R23E	43-037-15842	Act.
12-11	NW NW Sec. 12-T41S-R23E	43-037-15843	Act.
12-14	SW SW Sec. 12-T41S-R23E	43-037-15844	Act.
12-22	SE NW Sec. 12-T41S-R23E	43-037-15845	Act.
12-23	NE SW Sec. 12-T41S-R23E	43-037-15846	Act.
12-31	NW NE Sec. 12-T41S-R23E	43-037-15847	Act.
12-33	NW SE Sec. 12-T41S-R23E	43-037-15848	Act.
12-41	NE NE Sec. 12-T41S-R23E	43-037-15849	Act.
12-42	SE NE Sec. 12-T41S-R23E	43-037-15850	Act.
13-13	NW SW Sec. 13-T41S-R23E	43-037-15851	Act.
13-22	SE NW Sec. 13-T41S-R23E	43-037-15852	Act.
13-24	SE SW Sec. 13-T41S-R23E	43-037-15853	Act.
13-31	NW NE Sec. 13-T41S-R23E	43-037-15854	Act.
13-33	NW SE Sec. 13-T41S-R23E	43-037-15855	Act.
13-42	SE NE Sec. 13-T41S-R23E	43-037-15857	Act.
14-32	SW NE Sec. 14-T41S-R23E	43-037-15858	Act.
14-33	NW SE Sec. 14-T41S-R23E	43-037-15859	SI
14-42	SE NE Sec. 14-T41S-R23E	43-037-15860	Act.
24-11	NW NW Sec. 24-T41S-R23E	43-037-15861	SI
24-31	NW NE Sec. 24-T41S-R23E	43-037-15862	Act.
E11-14	SW SW Sec. 11-T41S-R24E	43-037-16167	Act.
3-12	SW NW Sec. 3-T41S-R24E	43-037-15620	Act.
3-14	SW SW Sec. 3-T41S-R24E	43-037-15124	Act.
3-23	NE SW Sec. 3-T41S-R24E	43-037-15125	SI
3-32	SW NE Sec. 3-T41S-R24E	43-037-15621	SI
3-44	SE SE Sec. 3-T41S-R24E	43-037-15031	Act.
4-14	SW SW Sec. 4-T41S-R24E	43-037-16163	Act.
4-22	SE NW Sec. 4-T41S-R24E	43-037-15622	SI
4-32	SW NE Sec. 4-T41S-R24E	43-037-15623	SI
4-34	SW SE Sec. 4-T41S-R24E	43-037-16164	Act.
4-42	SE NE Sec. 4-T41S-R24E	43-037-15624	SI
5-34	SW SE Sec. 5-T41S-R24E	43-037-15983	SI
8-12	SW NW Sec. 8-T41S-R24E	43-037-15991	Act.
8-14	SW SW Sec. 8-T41S-R24E	43-037-15992	Act.
8-21	NE NW Sec. 8-T41S-R24E	43-037-15993	Act.
8-23	NE SW Sec. 8-T41S-R24E	43-037-15994	Act.
8-32	SW NE Sec. 8-T41S-R24E	43-037-15995	SI

6. UNIT OPERATOR (Well operator)

Phillips Petroleum Company is hereby designated as Unit Operator and by signature hereto as Unit Operator agrees and consents to accept the duties of Unit Operator for the development and production of Unitized Substances as herein provided.

Taken from the Rutherford Unit Agreement.
Operator Name Change.



RATHERFORD UNIT
 | SAN JUAN COUNTY, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form No. 1004-0139
Expires August 31, 1985

1. LAND ACQUISITION AND GRANT NO.
14-20-603-247

SUNDRY NOTICES AND REPORTS ON WELLS

(Use one of this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for each proposal.)

2. NAME OF WELL OR OTHER NAME
Navajo

3. WELL STATUS
OIL WELL GAS WELL OTHER

3. WELL IDENTIFICATION NUMBER
SI-1-4192

4. NAME OF OPERATOR
Phillips Oil Company

4. NAME OF FIELD

Rutherford Unit

5. ADDRESS OF OPERATOR
P. O. Box 2920, Casper, WY 82602

5. WELL NO.
#24-11

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

510' FNL, 810' FNL

RECEIVED

6. FIELD AND WELL, OR WELLS

Greater Aneth

7. NAME, TITLE, AND ADDRESS OF STATE AGENCY TO WHICH COPIES OF THIS REPORT ARE TO BE FURNISHED

Sec. 24-T41S-R23E

10. PERMIT NO.
43-037-15861

10. ELEVATIONS (Show whether of, to, or, etc.)
4626' RKB

11. COUNTY OR PARISH | 11. 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

FILL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Temporarily abandon

SUBSEQUENT WORK 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 PROGRESS 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 areas pertinent to this work.)

It is proposed to temporarily abandon Rutherford Unit #24-11 as follows:

- (1) Set Bridge Plug at approximately 5310'.
- (2) Cap with 35' cement plug.
- (3) Fill well bore with non-corrosive fluid.
- (4) Shut in at the surface.

Rutherford Unit #24-11 is an open hole completion with 5-1/2", 15.5#, J-55 casing set at 5339'.

Upon completion of the Zone I Waterflood Expansion into this area, #24-11 should produce sufficient fluid to be returned to economical operation.

- 3- BLM, Farmington, NM
- 2- Utah O&G CC, Salt Lake City, Utah
- 1- P. J. Adanson
- 1- B. Conner, 318 B-TW
- 1- J. R. Weichbrodt
- 1- C. M. Anderson
- 1- File RC

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7/15/85
BY: John R. Boya

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

SIGNED

A. E. Stuart

TITLE

Area Manager

DATE

July 5, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND AND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form No. 1004-0135
Expires August 31, 1985

0828-9

14-20-603-247

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Box 2920, Casper, WY 82602

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

At surface

510' FNL, 810' FWL

RECEIVED
AUG 22 1986

DIVISION OF
OIL, GAS & MINING

5. LEASE OBSERVATION AND SERIAL NO.

Navajo

6. FIELD OR LEASE NAME

SW-I-4192

7. NAME OF LEASE HOLE

Ratherford Unit

8. WELL NO.

#24-11

9. FIELD AND POOL, OR VICINITY

Greater Aneth

10. SEC., T., R., OR BLK. AND QUARTER OR AREA

Sec. 24-T41S-R23E

14. PERMIT NO.

43-037-15861

15. ELEVATIONS (Show whether SP, ST, or, etc.)

4626' RKB

16. COUNTY OR PARISH

San Juan

17. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PLUG OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETES

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Temporarily abandon extension

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) _____

(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 data, 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.)*

Request 1 year extension of previous approval given July 11, 1985, for temporary abandonment of Ratherford Unit Well #24-11.

5- BLM, Farmington, NM

2- Utah O&G CC, Salt Lake City, Utah

1- P. J. Adamson

1- M. Williamson, 302 TRW

1- J. R. Reno

1- Z. G. Sondelski

1- B. J. Murphy

1- File RC

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

SIGNED

D.C. Gill
D. C. Gill

TITLE

Area Manager

DATE

August 18, 1986

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See instructions on Reverse Side

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		FEB 29 1988	
2. NAME OF OPERATOR Phillips Petroleum Company		DIVISION OF OIL, GAS & MINING	
3. ADDRESS OF OPERATOR 152 North Durbin, 2nd Floor, Casper, WY 82601		9. WELL NO. #24-11	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 510' FNL & 810' FWL		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
14. PERMIT NO. 43-307-15861		15. ELEVATIONS (Show whether DF, RT, GR, etc.) RKB: 4626'	
		12. COUNTY OR PARISH San Juan	18. STATE Utah

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-247A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Sow/OSCR
Navajo 031012

7. UNIT AGREEMENT NAME
SW-I-4192

8. FARM OR LEASE NAME
Ratherford Unit

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec. 24 - T41S - R24E

16. 037 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"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other) Plug back Zone I	<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.)*

It is proposed to plug back Ratherford Unit #24-11, an open hole Zone I/Zone II shut-in producer, to Zone I producing status. After plugging back to Zone I at 5386', the well will be re-perforated and acidized with 2000 gal, 28% HCl acid, and returned to production.

Anticipated date of re-completion: 5/31/88

A 10' x 8' x 6' fenced pit will be constructed on location in a previously disturbed area. Upon completion of the workover, the pit will be dried and recovered.

5-BLM, Farmington, NM
2-Utah O & G CC Salt Lake City, UT
1-P. J. Konkell
1-File-RC
1-M. Williams 1370 G POB

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

SIGNED [Signature]

TITLE Area Manager

DATE 2/25/88

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

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

Federal approval of this act or
is required before commencing
operations

*See Instructions on Reverse Side

DATE: 3-3-88
BY: [Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
14-20-603-247A

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

Ratherford Unit
SW-I-4192

8. Well Name and No.

Ratherford Unit #24-11

9. API Well No.

43-307-15861

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No

5525 Hwy 64 NBU 3004, Farmington, NM 87401 (505) 599-3412

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

Sec. 24, T41S, R23E
510' FNL & 810' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<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.)*

In 1988 this well was entered to perform a plug back. A casing leak had developed in the well which deposited solids in the wellbore. These solids accumulated, thereby sticking the rods and tubing in the hole. The casing leak was repaired and the removal of the rods and tubing was attempted. After eleven days of fishing and over \$50,000 of expenditures the fish was left in the hole. The fish exists of ± 600' of sucker rods, 120' of tubing, and the pump. The quality of the reservoir in this well does not justify any further expenses to reactivate the well. This well will be plugged and abandoned by the 3rd quarter 1992.

RECEIVED

AUG 09 1991

DIVISION OF
OIL GAS & MINING

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

Signed

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Title

Sr. Drlg. & Prod. Engr. DATE: 8-15-91

DATE: 8-15-91

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

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1-304-1135
Expires September 30 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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

5 Lease Designation and Serial No.
14-20-603-247

6 If Indian Allottee or Tribe Name
Navajo Tribal

7 If Unit or CA Agreement Designation
Rutherford Unit
SW-I-4192

8 Well Name and No.
24-11

9 API Well No. ⁰³⁷⁻
43-307-15861

10 Field and Pool or Exploratory Area
Greater Aneth

11 County or Parish, State
San Juan County
Utah

SUBMIT IN TRIPLICATE

RECEIVED
FEB 18 1992

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Phillips Petroleum Company

3. Address and Telephone No.
5525 HWY 64, NBU 3004, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
510' FNL & 810' FWL
Sec. 24, T41S, R23E

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

(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.)

Per your request, attached is the P&A procedure for the subject well.

ACCEPTED BY THE STATE
OF NEW MEXICO
DIVISION OF
OIL, GAS, AND MINING

DATE: 2-21-92

BY: *J. Matthews*

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

Signed *A. E. Robinson* Title Sr. Drlg. & Prod. Engr Date 2-11-92

(This space for Federal or State office use)

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

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

Ratherford Unit 24-11
Proposed Plug and Abandonment Procedure
February 6, 1992

Safe operations are of utmost importance at all Phillips Petroleum Company properties and facilities. To further this goal, the Phillips Supervisor at the location shall request tailgate safety meetings prior to initiation of work and also prior to any critical operations. All parties shall review proposed upcoming steps, procedures, and potentially hazardous situations. Occurrence of these meetings shall be recorded in the Daily Report.

1. Notify Mark Kelly with the BLM at least 24 hrs. prior to the commencement of operations.
2. MI & RU DDU. Monitor well for H₂S. Install BOP's
3. GIH with CIBP and set at 4750' (25' above the top of fish).
4. Circulate hole with Bentonite mud of at least 9 ppg. See attached general requirements for mud specifications.
5. Spot a cement plug from 4750' to 4230' to isolate the Hermosa formation. Mix and pump a 58 sx cement plug and displace with 24 bbls. of mud. Pull out of plug at a speed of less than 30 ft/min.
6. RU perforating company with packoff and perforate from 1800' to 1801'. RD perforating company. Establish circulation rate and pressure.
7. GIH with packer and set at ± 1000'. Mix and pump 550 sx (50% excess). Displace top of cement to 1250' with 11.7 bbls. of mud. This will have a plug inside the casing from 1250' to 1800' and outside the casing from 1800' to surface. This will isolate the Chinle formation.
8. COOH and LD packer. Cut off casing at bottom of cellar or three feet below ground level which ever is deeper. GIH to 50' and set a 10 sk plug from 50' to surface.
9. Erect P&A marker, fill cellar, clean and restore location to BLM specifications including reseeding the location at the appropriate time.

Cement Data:

Class G + 0.8% fluid loss + 2.5% Calcium Chloride
15.8 ppg
4.97 gal water/sk
1.16 ft³/sk yield

Ratherford Unit 24-11

Page 2

BLM Contact: Mark Kelly 505-326-6201

Casing: 5 1/2", 15.5#, J-55 @ 5339'.

Tubing: 2 7/8", 6.5#, J-55 (workstring)

Fish: \pm 600' of sucker rods and \pm 120' of tubing
TOF @ \pm 4775'.

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-603-247A
2. Name of Operator Phillips Petroleum Company	6. If Indian, Allottee or Tribe Name Navajo Tribal
3. Address and Telephone No. 5525 Hwy 64 NBU 3004, Farmington, NM 87401 (505) 599-3412	7. If Unit or CA, Agreement Designation Rutherford Unit SW-I-4192
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 510' FNL & 810' FWL Section 24, T41S, R23E	8. Well Name and No. Rutherford Unit #24-11
	9. API Well No. 43-037-15861
	10. Field and Pool, or Exploratory Area Greater Aneth
	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 type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other P&A
	<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.)

10-14-92 thru 10-15-92

MIRU MWS Rig #32. NU BOP and TIH w/CIBP & set @ 4723'. RU Western and spotted cmt plug w/93 Sx C1 H cmt from top of CIBP @ 4723'-3915' w/14.5 BFW. Rev. circ. hole w/47.5 Bbls mud followed by 33 BFW. MIRU Apollo Perforators and perf'd 5-1/2" csg from 1810'-1811'. RD Apollo. Set cmt retainer @ 1243'. Western pmpd 200 Sx 65/35/6 @ 12.4 ppg tailed w/60 Sx C1 H mixed @ 15.8 ppg and disp. w/.75 BFW & 1.5 Bbls mud up the 8-5/8" & 5-1/2" annulus. Stung out of retainer & dumped 100' of cmt on top of retainer. Pmpd 8 Sx C1 H cmt from 60' to surface inside 5-1/2" csg. ND BOP. Topped out annulus between 13-3/8" and 8-5/8" csgs w/34 Sx C1 H cmt. RDMO Western and WS unit. Well P & A'd.

RECEIVED

DEC 02 1992

DIVISION OF
OIL, GAS & MINING

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

Signed [Signature] Title Sr. Drlg. & Prod. Engr. Date 11-19-92
(This space for Federal or State office use)

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

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

*See Instruction on Reverse Side

RECEIVED

JAN 11 1993

OPERATOR PHILLIPS Petroleum Company
 ADDRESS 5525 Hwy 64 NBL 3004
FARMINGTON, NM 87401

OPERATOR ACCT. NO. N0772

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	DIVISION OF OIL & GAS MINING	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
						QQ	SC	TP	RG	COUNTY		
E	06280	→	4303715861		RATHERFORD UNIT #24-11	NWNW	24	41S	23E	SAN JUAN		10/15/92
WELL 1 COMMENTS: * 921209 Paid off. 10-15-92. JR												
WELL 2 COMMENTS:												
WELL 3 COMMENTS:												
WELL 4 COMMENTS:												
WELL 5 COMMENTS:												

- ACTION CODES** (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

RECEIVED
 JAN 11 1993
 DIVISION OF OIL & GAS MINING

Pat Konkel
 Signature
Sr. Production Clerk 1/6/93
 Title Date
 Phone No. (505) 599-3452

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ACCOUNT NUMBER: N0772

P J KONKEL
PHILLIPS PETROLEUM COMPANY
5525 HWY 64 NBU 3004
FARMINGTON NM 87401

RECEIVED

AUG 16 1993

REPORT PERIOD (MONTH/YEAR):

6 / 93

DIVISION OF
OIL, GAS & MINING

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
#21-23 4303713754	06280	41S 24E 21	DSCR	POW	29	1374	883	58
#3-44 4303715031	06280	41S 24E 3	DSCR	POW	30	111	94	2905
#3-14 4303715124	06280	41S 24E 3	DSCR	POW	30	67	23	302
#9-12 4303715126	06280	41S 24E 9	DSCR	POW	30	112	654	17363
#9-14 4303715127	06280	41S 24E 9	DSCR	POW	30	201	315	423
#28-12 4303715336	06280	41S 24E 28	PRDX	POW	29	112	47	2428
#29-12 4303715337	06280	41S 24E 29	PRDX	POW	29	56	0	672
#29-32 4303715339	06280	41S 24E 29	DSCR	POW	29	1402	287	2224
#29-34 4303715340	06280	41S 24E 29	DSCR	POW	29	757	48	0
#30-32 4303715342	06280	41S 24E 30	DSCR	POW	29	588	1049	3744
#3-12 4303715620	06280	41S 24E 3	DSCR	POW	30	268	11	363
#9-34 4303715711	06280	41S 24E 9	DSCR	POW	30	45	46	9800
#10-12 4303715712	06280	41S 24E 10	DSCR	POW	30	45	23	1088
TOTALS						5138	3480	41370

COMMENTS: Effective July 1, 1993, Phillips Petroleum Company has sold its interest in the Ratherford Unit to Mobil Exploration and Producing U.S., Incorporated, P. O. Box 633, Midland, Texas 79702. Mobil assumed operations on July 1, 1993.

I hereby certify that this report is true and complete to the best of my knowledge. Date: 8/11/93

Name and Signature: PAT KONKEL *Pat Konkell*

Telephone Number: 505 599-3452

MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

L. B. Sheffield
 BRIAN BERRY
~~M. E. P. N. A. MOBIL~~
 POB 219031 1807A RENTWR *P.O. DRAWER G*
 DALLAS TX 75221-9031 *CORTEZ, Co. 81321*

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 7 / 93

AMENDED REPORT (Highlight Changes)

**931000 updated. jrc*

ENTITY NUMBER	PRODUCT	GRAVITY	BEGINNING INVENTORY	VOLUME PRODUCED	DISPOSITIONS				ENDING INVENTORY
		BTU			TRANSPORTED	USED ON SITE	FLARED/VENTED	OTHER	
05980	OIL			177609	177609	0			
	GAS			72101	66216	5885			
11174	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
TOTALS				249710	243925	5885			

RECEIVED

SEP 13 1993

DIVISION OF OIL, GAS & MINING

COMMENTS: *PLEASE NOTE ADDRESS CHANGE. MOBIL ~~ASU~~ PRODUCTION REPORTS WILL BE COMPILED AND SENT FROM THE CORTEZ, CO. OFFICE IN THE FUTURE.*

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 9/5/93

Name and Signature: *L. B. Sheffield*

Telephone Number: *303 565 2212*
244 658 2528

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION & SERIAL NO.	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO TRIBAL	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME RATHERFORD UNIT	
2. NAME OF OPERATOR MOBIL OIL CORPORATION		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 633 MIDLAND, TX 79702		9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY SAN JUAN	13. STATE UTAH

REGISTERED

SEP 15 1993

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"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CHANGE OF OPERATOR</u> <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

* Must be accompanied by a cement verification report.

AS OF JULY1, 1993, MOBIL OIL CORPORATION IS THE OPERATOR OF THE RATHERFORD UNIT. ATTACHED ARE THE INDIVIDUAL WELLS.

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

SIGNED Shirley Todd TITLE ENV. & REG TECHNICIAN DATE 9-8-93

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

✓ 19W-21	43-037-15741	14-20-603-353	SEC. 19, T41S, R24E	NE/NW 660' FNL 1860' FWL
✓ 19-22	43-037-31046	14-20-603-353	SEC. 19, T41S, R24E	SE/NW 1840' FNL; 1980' FWL
✓ 19W-23	43-037-15742	14-20-603-353	SEC. 19, T41S, R24E	NE/SW 2080' FSL; 1860' FWL
✓ 19-31	43-037-31047	14-20-603-353	SEC. 19, T41S, R24E	NW/NE 510' FNL; 1980' FEL
✓ 19-32	43-037-15743	14-20-603-353	SEC. 19, T41S, R24E	SW/NE 1980' FNL; 1980' FEL
✓ 19-33	43-037-31048	14-20-603-353	SEC. 19, T41S, R24E	NW/SE 1980' FSL; 1980' FEL
✓ 19-34	43-037-15744	14-20-603-353	SEC. 19, T41S, R24E	SW/SE 660' FSL; 1980' FEL
✓ 19W-41	43-037-15745	14-20-603-353	SEC. 19, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 19-42	43-037-30916	14-20-603-353	SEC. 19, T41S, R24E	SE/NE 1880' FNL, 660' FEL
✓ 19W-43	43-037-16420	14-20-603-353	SEC. 19, T41S, R24E	NE/SE 1980' FSL; 760' FEL
✓ 19-44	43-037-31081	14-20-603-353	SEC. 19, T41S, R24E	SE/SE 660' FSL; 660' FEL
✓ 19-97	43-037-31596	14-20-603-353	SEC. 19, T41S, R24E	2562' FNL, 30' FEL
✓ 20-11	43-037-31049	14-20-603-353	SEC. 20, T41S, R24E	NW/NW 500' FNL; 660' FWL
✓ 20-12	43-037-15746	14-20-603-353	SEC. 20, T41S, R24E	1980' FNL, 660' FWL
✓ 20-13	43-037-30917	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 2140' FSL, 500' FWL
✓ 20-14	43-037-15747	14-20-603-353	SEC. 20, T41S, R24E	660' FSL; 660' FWL
✓ 20W-21	43-037-16423	14-20-603-353	SEC. 20, T41S, R24E	660' FNL; 1880' FWL
✓ 20-22	43-037-30930	14-20-603-353	SEC. 20, T41S, R24E	SE/NW 2020' FNL; 2090' FWL
✓ 20W-23	43-037-15748	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 2080; 2120' FWL
✓ 20-24	43-037-30918	14-20-603-353	SEC. 20, T41S, R24E	SE/SW 820' FSL; 1820' FWL
✓ 20-31	43-037-31050	14-20-603-353	SEC. 20, T41S, R24E	NW/NE 660' FNL; 1880' FEL
✓ 20-32	43-037-15749	14-20-603-353	SEC. 20, T41S, R24E	SW/NE 1980' FNL, 1980' FEL
✓ 20-33	43-037-30931	14-20-603-353	SEC. 20, T41S, R24E	NW/SE 1910' FSL; 2140' FEL
✓ 20-34	43-037-15750	14-20-603-353	SEC. 20, T41S, R24E	660' FSL; 1850' FEL
✓ 20W-41	43-037-15751	14-20-603-353	SEC. 20, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 20-42	43-037-31051	14-20-603-353	SEC. 20, T41S, R24E	SE/NE 1980' FNL; 660' FEL
✓ 20W-43	43-037-16424	14-20-603-353	SEC. 20, T41S, R24E	2070' FSL; 810' FEL
✓ 20-44	43-037-30915	14-20-603-353	SEC. 20, T41S, R24E	SE/SE 620' FSL; 760' FEL
✓ 20-66	43-037-31592	14-20-603-353	SEC. 20, T41S, R24E	SW/NW 1221' FWL; 1369' FNL
✓ 21-11	43-037-31052	14-20-603-355	SEC. 21, T41S, R24E	NW/NW 660' FNL; 660' FWL
✓ 21-12	43-037-15752	14-20-603-355	SEC. 21, T41S, R24E	2080' FNL; 660' FWL
✓ 21-13	43-037-30921	14-20-603-355	SEC. 21, T41S, R24E	NW/SW 2030' FSL; 515' FWL
✓ 21-14	43-037-15753	14-20-603-355	SEC. 21, T41S, R24E	SW/SW 660' FSL; 460' FWL
✓ 21W-21	43-037-16425	14-20-603-355	SEC. 21, T41S, R24E	NE/NW 660' FNL; 2030' FWL
✓ 21-32	43-037-15755	14-20-603-355	SEC. 21, T41S, R24E	SW/NE 1880' FNL; 1980' FEL
✓ 21-33	NA	14-20-603-355	SEC. 21, T41S, R24E	2000' FSL; 1860' FEL
✓ 21-34	43-037-15756	14-20-603-355	SEC. 21, T41S, R24E	SW/SE 660' FSL; 1980' FEL
✓ 21W-41	43-037-16426	14-20-603-355	SEC. 21, T41S, R24E	660' FNL; 810' FEL
✓ 21W-43	43-037-16427	14-20-603-355	SEC. 21, T41S, R24E	NE/NE 1980' FSL; 660' FEL
✓ 24-11	43-037-15861	14-20-603-247A	SEC. 24, T41S, R24E	510' FNL; 810' FWL
✓ 24W-21	43-037-16429	14-20-603-247	SEC. 24, T41S, R24E	4695' FSL; 3300' FEL
✓ 24W-43	43-037-16430	14-20-603-247	SEC. 24, T41S, R24E	2080' FSL; 660' FEL
✓ 24-31W	43-037-15862	14-20-603-247A	SEC. 24, T41S, R24E	NW/NE 560' FNL; 1830' FEL
✓ 24-32	43-037-31593	14-20-603-247A	SEC. 24, T41S, R24E	SW/NE 2121' FNL; 1846' FEL
✓ 24-41	43-037-31132	14-20-603-247A	SEC. 24, T41S, R24E	NE/NE 660' FNL; 710' FEL
✓ 24W-42	43-037-15863	14-20-603-247A	SEC. 24, T41S, R24E	660' FSL; 1980' FNL
✓ 28-11	43-037-30446	14-20-603-409	SEC. 28, T41S, R24E	NW/NW 520' FNL; 620' FWL
✓ 28-12	43-037-15336	14-20-603-409B	SEC. 28, T41S, R24E	SW/SE/NW 2121' FNL; 623' FWL
✓ 29-11	43-037-31053	14-20-603-407	SEC. 29, T41S, R24E	NW/NW 770' FNL; 585' FWL
✓ 29W-21	43-037-16432	14-20-603-407	SEC. 29, T41S, R24E	NE/NW 667' FNL; 2122' FWL
✓ 29-22	43-037-31082	14-20-603-407	SEC. 29, T41S, R24E	SE/NW 2130' FNL; 1370' FWL
✓ 29W-23	43-037-15338	14-20-603-407	SEC. 29, T41S, R24E	NE/SW 1846' FSL; 1832' FWL
✓ 29-31	43-037-30914	14-20-603-407	SEC. 29, T41S, R24E	NW/NE 700' FNL; 2140' FEL
✓ 29-32	43-037-15339	14-20-603-407	SEC. 29, T41S, R24E	1951' FNL; 1755' FEL
✓ 29-33	43-037-30932	14-20-603-407	SEC. 29, T41S, R24E	NW/SE 1860' FSL; 1820' FEL
✓ 29-34	43-037-15340	14-20-603-407	SEC. 29, T41S, R24E	817' FSL; 2096' FEL
✓ 29W-41	43-037-16433	14-20-603-407	SEC. 29, T41S, R24E	557' FNL; 591' FEL
✓ 29W-42	43-037-30937	14-20-603-407	SEC. 29, T41S, R24E	SE/NE 1850' FNL; 660' FEL
✓ 29W-43	43-037-16434	14-20-603-407	SEC. 29, T41S, R24E	NE/SE 1980' FSL; 660' FEL
✓ 30-21W	43-037-16435	14-20-603-407	SEC. 30, T41S, R24E	660' FNL; 1920' FWL
✓ 30-32	43-037-15342	14-20-603-407	SEC. 30, T41S, R24E	SW/NE 1975' FNL; 2010' FEL
✓ 30W-41	43-037-15343	14-20-603-407	SEC. 30, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 3-34	NA 4302715711	NA 14206034043	NA SEC. 9, T. 41S, R. 24E	NA SW/SE 660' FSL 1980' FEL
✓ 12-43	43-307-31202	14-20-603-246	SEC. 12, T41S, R23E	2100' FSL; 660' FEL
✓ 12W31	43-037-15847	14-20-603-246	SEC. 12, T41S, R23E	661' FNL; 1981' FEL
✓ 13W24	43-037-15853	14-20-603-247	SEC. 13, T41S, R23E	SE/SW 660' FSL; 3300' FEL
✓ 15W23	43-037-16412	14-20-603-355	SEC. 15, T41S, R24E	2140' FSL; 1820' FWL
✓ 17-24	43-037-31044	14-20-603-353	SEC. 17, T41S, R24E	SE/SW 720' FSL; 1980' FWL
✓ 18-13	43-037-15734	14-20-603-353	SEC. 18, T41S, R24E	NW/NW 1980' FSL; 500' FWL
✓ 18W32	43-037-15736	14-20-603-353	SEC. 18, T41S, R24E	SW/NE 2140' FNL; 1830' FEL
✓ 20-68	43-037-31591	14-20-603-353	SEC. 20, T41S, R24E	NW/SW 1276' FWL; 1615' FSL
✓ 21-23	43-037-13754	14-20-603-355	SEC. 21, T41S, R24E	NE/SW 1740' FSL 1740' FWL
✓ 28W21	43-037-16431	14-20-603-409	SEC. 29, T41S, R24E	660' FNL; 2022' FWL

PAID

PAID

PAID

PAID

Sept 29, 1993

TO: Lisha Cordova - Utah Mining
Oil & Gas

FROM: Janice Easley
BLM Farmington, NM
505 599-6355

Here is copy of Rutherford Unit
Successor Operator,

4 pages including this one.

26: Rutherford Unit (GC)

RECEIVED
BLM

JUL 27 AM 11:44

Navajo Area Office
P. O. Box 1060
Gallup, New Mexico 87305-1060

070 FARMINGTON, NM

ARES/543

JUL 26 1993

MINERALS DIVISION
NO. 182
DATE
BY
REMARKS
SPS
ALL SUPPLY
FILED

26

Mr. G. D. Cox
Mobil Exploration and
Producing North America, Inc.
P. O. Box 633
Midland, Texas 79702

Dear Mr. Cox:

Enclosed for your information and use is the approved Designation of Operator between the Phillips Petroleum Company and Mobil Exploration and Producing North America, Inc. for the Rutherford Unit.

Please note that all other concerned parties will be furnished their copy of the approved document.

Sincerely,

ACTING Area Director

Enclosure

cc: Bureau of Land Management, Farmington District Office w/enc.
TNN, Director, Minerals Department w/enc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

RECEIVED
BLM

DESIGNATION OF OPERATOR

Phillips Petroleum Company is, on the records of the Bureau of Indian Affairs, operator of the Rutherford Unit,

SEP 27 11:44
070 FARMINGTON, NM

AREA OFFICE: Window Rock, Arizona
LEASE NO: Attached hereto as Exhibit "A"

and, pursuant to the terms of the Rutherford Unit Agreement, is resigning as Unit Operator effective July 1, 1993, and hereby designates

NAME: Mobil Exploration and Producing North America Inc., duly elected pursuant to the terms of the Rutherford Unit Agreement,

ADDRESS: P. O. Box 633, Midland, Texas 79702
Attn: G. D. Cox

as Operator and local agent, with full authority to act on behalf of the Rutherford Unit lessees in complying with the terms of all leases and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160 and 25 CFR 211 and 212) with respect to (described acreage to which this designation is applicable):

Attached hereto as Exhibit "A"

Bond coverage under 25 CFR 211, 212 or 225 for lease activities conducted by the above named designated operator is under Bond Number 05202782 (attach copy). Evidence of bonding is required prior to the commencement of operations.

It is understood that this designation of operator does not relieve any lessee of responsibility for compliance with the terms of the leases and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the leases.

In case of default on the part of the designated operator, the lessees will make full and prompt compliance with all regulations, lease terms, stipulations, or orders of the Secretary of the Interior or his representative.

Attached is the appropriate documentation relevant to this document.

The designated operator agrees to promptly notify the authorized officer of any change in the operatorship of said Rutherford Unit.

Phillips Petroleum Company

June 17, 1993

By: M. B. [Signature]
Attorney-in-Fact

Mobil Exploration and Producing
North America Inc.

June 11, 1993

By: B. D. [Signature]
Attorney-in-Fact B.D. MARTINY

[Signature] ACTING AREA DIRECTOR
APPROVED BY TITLE DATE
7/9/93

APPROVED PURSUANT, TO SECRETARIAL REDELEGATION ORDER 209 DM 8 AND 230 DM 3.

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require OMB approval.

EXHIBIT "A"

ATTACHED TO AND MADE A PART OF DESIGNATION OF SUCCESSOR OPERATOR, RATHERFORD UNIT

EXHIBIT "C"

Revised as of September 29, 1992
SCHEDULE OF TRACT PERCENTAGE PARTICIPATION

<u>Tract Number</u>	<u>Description of Land</u>	<u>Serial Number and Effective Date of Lease</u>	<u>Tract Percentage Participation</u>
1	S/2 Sec. 1, E/2 SE/4 Sec. 2, E/4 Sec. 11, and all of Sec. 12, T-41-S, R-23-E, S.L.M., San Juan County, Utah	14-20-603-246-A Oct. 5, 1953	11.0652565
2	SE/4 and W/2 SW/4 Sec. 5, the irregular SW/4 Sec. 6, and all of Sec. 7 and 8, T-41-S, R-24-E, San Juan County, Utah	14-20-603-368 Oct. 26, 1953	14.4159942
3	SW/4 of Sec. 4, T-41-S, R-24-E, San Juan County, Utah	14-20-603-5446 Sept. 1, 1959	.5763826
4	SE/4 Sec. 4, and NE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4035 March 3, 1958	1.2587779
5	SW/4 of Sec. 3, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5445 Sept. 3, 1959	.4667669
6	NW/4 of Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5045 Feb. 4, 1959	1.0187043
7	NW/4, W/2 NE/4, and SW/4 Sec. 10, SE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4043 Feb. 18, 1958	3.5097575
8	SW/4 Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5046 Feb. 4, 1959	1.1141679
9	SE/4 Sec. 10 and S/2 SW/4 Sec. 11 T-41-S, R-24-E, San Juan County, Utah	14-20-603-4037 Feb. 14, 1958	2.6186804
10	All of Sec. 13, E/2 Sec. 14, and E/2 SE/4 and N/2 Sec. 24, T-41-S, R-23-E, S.L.M., San Juan County, Utah	14-20-603-247-A Oct. 5, 1953	10.3108861
11	Sections 17, 18, 19 and 20, T-41-S, R-24-E, San Juan County Utah	14-20-603-353 Oct. 27, 1953	27.3389265
12	Sections 15, 16, 21, and NW/4, and W/2 SW/4 Sec. 22, T-41-S, R-24-E, San Juan County, Utah	14-20-603-355 Oct. 27, 1953	14.2819339
13	W/2 Section 14, T-41-S, R-24-E, San Juan County, Utah	14-20-603-370 Oct. 26, 1953	1.8500847
14	N/2 and SE/4, and E/2 SW/4 Sec. 29, NE/4 and E/2 SE/4 and E/2 W/2 irregular Sec. 30, and E/2 NE/4 Sec. 32, T-41-S, R-24-E, San Juan County, Utah	14-20-603-407 Dec. 10, 1953	6.9924969
15	NW/4 Sec. 28, T-41-S, R24-E San Juan County, Utah	14-20-603-409 Dec. 10, 1953	.9416393
16	SE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6504 July 11, 1961	.5750254
17	NE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6505 July 11, 1961	.5449292
18	NW/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6506 July 11, 1961	.5482788
19	NE/4 Sec. 4, T-41-S, R24-E San Juan County, Utah	14-20-0603-7171 June 11, 1962	.4720628
20	E/2 NW/4 Sec. 4, T-41-S, R-24-E San Juan County, Utah	14-20-0603-7172 June 11, 1962	.0992482

100% Indian Lands

TOTAL 12,909.74

100.0000000

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
OPERATOR CHANGE

1. Date of Phone Call: 10-6-93 : Time: 9:30

2. DOGM Employee (name) L. CORDOVA (Initiated Call
Talked to:

Name GLEN COX (Initiated Call - Phone No. (915) 688-2114

of (Company/Organization) MOBIL

3. Topic of Conversation: OPERATOR CHANGE FROM PHILLIPS TO MOBIL "RATHERFORD UNIT".

(NEED TO CONFIRM HOW OPERATOR WANTS THE WELLS SET UP - MEPNA AS PER BIA APPROVAL

OR MOBIL OIL CORPORATION AS PER SUNDRY DATED 9-8-93?)

4. Highlights of Conversation: _____

MR. COX CONFIRMED THAT THE WELLS SHOULD BE SET UNDER ACCOUNT N7370/MEPNA AS
PER BIA APPROVAL, ALSO CONFIRMED THAT PRODUCTION & DISPOSITION REPORTS WILL NOW
BE HANDLED OUT OF THEIR CORTEZ OFFICE RATHER THAN DALLAS.

MEPNA-

PO DRAWER G

CORTEZ, CO 81321

(303)565-2212

*ADDRESS CHANGE AFFECTS ALL WELLS CURRENTLY OPERATED BY MEPNA, CURRENTLY
REPORTED OUT OF DALLAS (MCELMO CREEK).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-VLC/817-93	<input checked="" type="checkbox"/>
2-DTS 58-114	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJTY	<input checked="" type="checkbox"/>
5-TEK	<input checked="" type="checkbox"/>
6-RL	<input checked="" type="checkbox"/>

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 Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-93)

TO (new operator)	<u>M E P N A</u>	FROM (former operator)	<u>PHILLIPS PETROLEUM COMPANY</u>
(address)	<u>PO DRAWER G</u>	(address)	<u>5525 HWY 64 NBU 3004</u>
	<u>CORTEZ, CO 81321</u>		<u>FARMINGTON, NM 87401</u>
	<u>GLEN COX (915)688-2114</u>		<u>PAT KONKEL</u>
	phone <u>(303)565-2212</u>		phone <u>(505)599-3452</u>
	account no. <u>N7370</u>		account no. <u>N0772(A)</u>

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

Name: **SEE ATTACHED**	API: <u>43-037-15861</u>	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). (Reg. 8-20-93) (6/93 Prod. Rpt. 8-16-93)
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 8-31-93) (Rec'd 9-14-93)
- N/A 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: _____.
- 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. (O&G wells 10-6-93) (Wiw's 10-26-93)
- See 6. Cardex file has been updated for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- See 7. Well file labels have been updated for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (10-6-93)
- 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.
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) no. Today's date 1993. If yes, division response was made by letter dated 1993.

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 1993, 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.

FILMING

1. All attachments to this form have been microfilmed. Date: 11-17 1993.

FILING

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.

COMMENTS

931006 BIA/Btm Approved 7-9-93.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an Abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. See Listing below
2. Name of Operator Mobil Producing TX & NM Inc* *Mobil Exploration & Producing US Inc as agent for MPTM		6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3a. Address P.O. Box 4358, Houston, TX 77210-4358	3b. Phone No. (include area code) 713-431-1022	7. If Unit or CA/Agreement, Name and/or No. Ratherford Unit
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) See Listing below		8. Well Name and No. See Listing below
		9. API Well No. See Listing below
		10. Field and Pool, or Exploratory Area Greater Aneth
		11. County or Parish, State San Juan, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Final Clearance</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Mobil Exploration & Producing US Inc. as agent for Mobil Producing Texas & New Mexico Inc. & Mobil Exploration & Producing North America Inc requests Final Clearance on the following Abandoned wells as listed in your Letter 070 3160 :

- 1) Ratherford Well # 1-W-44, 660' FSL/660' FEL, Sec. 01-T41S-R23E, Lease # 14-20-603-246A;
- 2) Ratherford Well # 24-11, 510' FNL/810' FWL, Sec. 24-T41S-R23E, Lease # 14-20-603-247A; - 43037-15861
- 3) Ratherford Well # 5-W-43, 1400' FSL/990' FEL, Sec. 05-T41S-R24E, Lease # 14-20-603-368;
- 4) Ratherford Well # 9-32, 1980' FNL/1980' FEL, Sec. 09-T41S-R24E, Lease # 14-20-603-4035;
- 5) Ratherford Well # 9-W-41, 660' FNL/660' FEL, Sec. 09-T41S-R24E, Lease # 14-20-603-4035.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mark Del Pico	Title Regulatory Specialist
Signature <i>Mark Del Pico</i>	Date 10/16/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway - Suite A
Farmington, New Mexico 87401

Permits

SEP 25 2000

IN REPLY REFER TO:
070 3160

Mr. Mark Del Pico
Mobil Exploration & Producing Inc.
P.O. Box 4358
Houston, TX 77210-4358

SEP 18 2000

Dear Mr. Del Pico:

Our office has been notified by letter dated August 31, 2000 from the Bureau of Indian Affairs (BIA) addressing inspections performed in the Ratherford Unit by Ms. Linda Taylor, Realty Specialist for the BIA of Shiprock, N.M.. Five Plugged and Abandoned wells are recommended for final abandonment. They are:

1. Ratherford Well No. 1W44, 660' FSL/660' FEL, section 1, T.41S., R.23E., San Juan County, Utah, lease No. 14-20-603-246A.
2. Ratherford Well No. 24-11, 510' FNL/810' FWL, section 24, T.41S., R.23E., San Juan County, Utah, lease No. 14-20-603-247A.
3. Ratherford Well No. 5W43, 1400' FSL/990' FEL, section 5, T.41S., R.24E., San Juan County, Utah, lease No. 14-20-603-368.
4. Ratherford Well No. 9-32, 1980' FNL/1980' FEL, section 9, T.41S., R.24E., San Juan County, Utah, lease No. 14-20-603-4035.
5. Ratherford Well No. 9W41, 660' FNL/660' FEL, section 9, T.41S., R.24E., San Juan County, Utah, lease No. 14-20-603-4035.

Therefore, these wells are hereby approved for final abandonment.

Sincerely,

Rich Dembowski,
Petroleum Management Team Leader

cc: Ms. Sharon Ustianowski
Mobil Exploration & producing
P.O. Drawer G
Cortez, Colorado 81321

bcc:
Well File (5)
D&P
L&RR reader file
070:RSanchez: ras:09/18/00

RECEIVED

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an Abandoned well. Use Form 3160-3 (APD) for such proposals.

~~SUBMIT IN TRIPLICATE - Only instructions on reverse side~~

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. See Listing below
2. Name of Operator Mobil Producing TX & NM Inc.* *Mobil Exploration & Producing US Inc as agent for MPTM		6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3a. Address P.O. Box 4358, Houston, TX 77210-4358	3b. Phone No. (include area code) 713-431-1828	7. If Unit or CA/Agreement, Name and/or No. Ratherford Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See Listing below		8. Well Name and No. See Listing below
		9. API Well No. See Listing below
		10. Field and Pool, or Exploratory Area Greater Aneth
		11. County or Parish, State San Juan, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Bond Release</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

BOND RELEASE:

THE SUBJECT LOCATIONS HAVE BEEN RECLAIMED AND ARE READY FOR INSPECTION AND BOND RELEASE. PLEASE RELEASE MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MOBIL PRODUCING TX & NM INC. FROM ANY FURTHER LIABILITY FOR THESE LOCATIONS AND REMOVE THEM FROM THE FEDERAL BOND LISTING.

- | | | | |
|------------------------------|--------------------|--------------------|------------------------------------|
| 1) Ratherford Well # 1-W-44, | 660'FSL/660'FEL, | Sec. 01-T41S-R23E, | Lease #14-20-603-246A-43-037-15840 |
| 2) Ratherford Well # 24-11, | 510'FNL/810'FWL, | Sec. 24-T41S-R23E, | Lease #14-20-603-247A-43-037-15861 |
| 3) Ratherford Well # 5-W-43, | 1400'FSL/990'FEL, | Sec. 05-T41S-R24E, | Lease #14-20-603-368-43-037-16392 |
| 4) Ratherford Well # 9-32, | 1980'FNL/1980'FEL, | Sec. 09-T41S-R24E, | Lease #14-20-603-4035-43-037-16165 |
| 5) Ratherford Well # 9-W-41, | 660'FNL/660'FEL, | Sec. 09-T41S-R24E, | Lease #14-20-603-4035-43-037-16399 |

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Cathy Higginbotham	Title Staff Administrative Assistant
---	--------------------------------------

Signature <i>Cathy Higginbotham</i>	Date 1/9/01
-------------------------------------	-------------

THIS SPACE RESERVED FOR FIELD OR SERVICE OFFICE USE

Approved By	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.