

LOGS REPORT SENT OUT

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. or  
operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

5-14-59 20R

FILE NOTATIONS

Entered in NID File

Entered on SR Sheet

Location Map Pinned

Card Indexed

W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

(O)W  WW \_\_\_\_\_ TA \_\_\_\_\_

(S)W \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

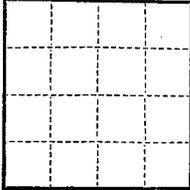
Electric Logs (No. )

E \_\_\_\_\_ L \_\_\_\_\_ E-12  GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro

Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-353

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Cortez, Colorado March 17, 1959

Desert "A"

Well No. 28 is located 660 ft. from EN } line and 660 ft. from WE } line of sec. 17

SW SW Sec. 17 41S 24E 31M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Hatherford San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ungraded ground above sea level is 4740 ft.

DETAILS OF WORK

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

Drill 17-1/2" hole to approximately 160'. Set 160' of 13-3/8" conductor pipe and cement to surface. Drill 11" hole to approximately 600', set 8-5/8" casing and cement to surface. Drill 7-7/8" hole to total depth of approximately 5800', run 5-1/2" casing and cement with approximately 250 sacks cement. Complete in DesertCreek Formation.

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

Company Phillips Petroleum Company

Address Box 548

Cortez, Colorado

By G. M. Holes

Title District Superintendent

1-3

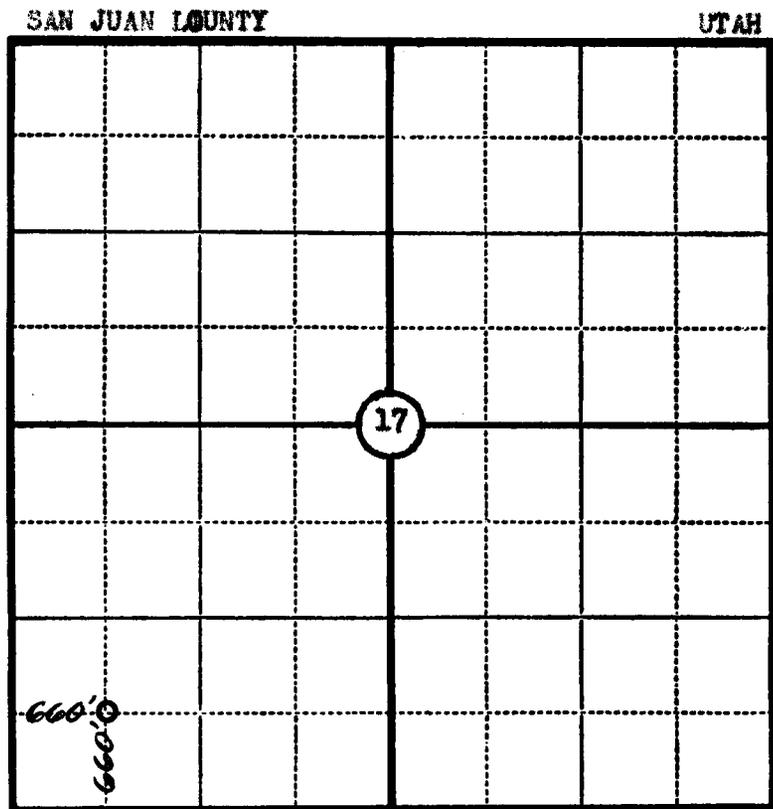
Company..... PHILLIPS PETROLEUM COMPANY

Lease..... DESERT "A" Well No. 28

Sec. 17, T. 41 SOUTH, R. 24 EAST S. L. M.

Location..... 660' FROM THE SOUTH LINE AND 660' FROM THE WEST LINE.

Elevation..... 4740.0 UNGRADED GROUND



Scale—4 inches equal 1 mile.

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

*James P. Lesse*

Seal: Registered Land Surveyor.  
JAMES P. LESSE  
UTAH REG. NO. 1472

Surveyed 17 DECEMBER, 19.57

7

March 20, 1959

Phillips Petroleum Company  
P. O. Box 548  
Cortez, Colorado

Attention: C. M. Boles,  
District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Desert A-28, which is to be located 660 feet from the south line and 660 feet from the west line of Section 17, Township 41 South, Range 24 East, S1EM, San Juan County, Utah.

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

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE SECRETARY

CBF:eo

cc: Phil McGrath, Dist. Eng.  
USGS, Farmington,  
New Mexico

12

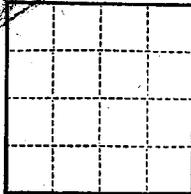
(SUBMIT IN TRIPPLICATE)

Indian Agency Nava Jo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-353



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

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

Desert "A"

Cortez, Colorado

June 19, 19 59

Well No. 28 is located 660 ft. from DX line and 660 ft. from W line of sec. 17

SW SW Sec. 17 41S 24E 81M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Rutherford San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derick floor~~ ungraded ground above sea level is 4740 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 1:00 P.M. 4-11-59. Drilled 17-1/4" hole to 175'. Set and cemented 4 jts. 13-3/8" OD 27.1# Armo SW SJ casing at 175' with 175 sx regular cement, 2% Calcium Chloride. Pumped plug to 145'. Cement circulated. Job completed 12:00 P.M. 4-11-59.

Drilled 11" hole to 1490'. Set and cemented 50 jts. 8-5/8" OD 24# J-55 SS casing at 1489.99' with 330 sx. cement, 126 sx. Diacel "D", 620# Calcium Chloride, 165# Floccs, 660# Tuff Plug with 125 sx. regular cement around shoe. Circulated out 65 sx. cement. Filled annulus with 145 sx. cement. Pumped plug to 1461' at 3:30 P.M. 4-14-59. WOC 28 hours. Tested casing 750# for 30 minutes - okay.

(See Reverse side)

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

Company Phillips Petroleum Company

Address Box 1150  
Cortez, Colorado

By C. M. Boles  
C. M. Boles  
Title District Superintendent

Drilled 7-7/8" hole to 5720' at 9:00 P.M. 5-3-59. Ran Schlumberger  
ES Induction and Micro log to 5723'. Set and cemented 178 jts. 5-1/2"  
OD 14#, J-55 ST&C Rg-2 casing at 5718.86' with 132 ex. cement, 100  
ex. Diacel "D", 496# Calcium Chloride. Pumped plus to 5692' with 1800#  
at 5:45 P.M. 5-4-59. WOC 24 hours. Tested casing 1000# 30 minutes - o.k.

5720' = 1777'

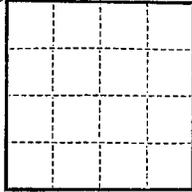
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-353



SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Cortez, Colorado July 17, 1959

Desert "A"

Well No. 28 is located 660 ft. from IX line and 660 ft. from W line of sec. 17

SW SW Sec. 17

41S

24E

S1M

(¼ Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Ratherford

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the ~~surface~~ ungraded ground above sea level is 4740 ft.

DETAILS OF WORK

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

Picked up tubing, ran Western Gamma Ray Neutron Collar Locator Log to 5695'. Perforated Desert Creek with 4 jet shots per foot EL and RL measurement as follows: 5510-22', 5534-47', 5556-62', 5568-72', 5575-80', 5584-86', 5588-92', 5601-08', 5620-52', 5654-64', 5676-87'.  
Ran 2-7/8" OD EUB tubing and set at 5671.15'. Baker EQ Packer at 5298.39'. Released Rotary Rig at 6:00 P.M. 5-6-59. Moved in Well Service Unit and acidized Desert Creek perforations with 10,000 gallons 15% regular Dowell acid in 3 stages as follows: 3500 gallons acid, 300 gallons temporary block, 3500 gallons acid, 300 gallons temporary block, 3000 gallons acid. Maximum pressure 2600#, minimum 2000#. Pumping rate 8.7 BPM. Flush rate 8 BPM. Well on vacuum immediately after treatment. Flowed 655 BO, 2.62 bbls water, 317.6 MCF Gas through 48/64" choke in 24 hours 5-13-59. G.O.R. 485. TP 145#.

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

Company Phillips Petroleum Company

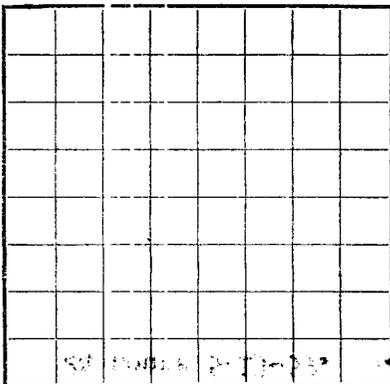
Address Box 1150

Cortez, Colorado

By C. M. Boles  
C. M. Boles

Title District Superintendent

Navajo  
U. S. LAND OFFICE  
SERIAL NUMBER 14-20-603-353  
LEASE OR PERMIT TO PROSPECT Tribal



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Address 1150, Cortez, Colorado  
Lessor or Fract 1991 Field Rutherford State New Mexico  
Well No 28 Sec 17 T. 41N R. 22E Meridian 11M County San Juan  
Location 160 ft. N of S Line and 660 ft. W of W Line of Sec. 17 Elevation 4752  
(Derriok floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed E. J. [Signature]  
Date July 17, 1959 Title District Superintendent

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

Commenced drilling April 11, 1959 Finished drilling May 9, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

Sands of the Sap Falls & Glen Canyon Groups, the Shinarump and the De Chelly Formations

are not being \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	27.1	8 rd	Amoco	160'	Rotop	5540	5572	Oil Sand	
8-5/8	20.7	8 rd	J-55	2762	Factor	5556	5562	" "	
5-1/2	14.7	8 rd	J-55	2762	Factor	5568	5572	" "	
						5575	5580	" "	
						5584	5586	" "	
						5588	5592	" "	
						5601	5608	" "	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity
13-3/8	175	175	Circulated	5620
8-5/8	169J	800 cu ft	Circulated (Filled annulus w/14.5 ex. cem, 2% CC)	5654
5-1/2	57L9	550 cu ft	B-J	5676

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

FOLD MARK

FOLD MA

5-1/2 5719 550 cu ft B-J

**PLUGS AND ADAPTERS**

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

**TOOLS USED**

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

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

**DATES**

....., 19..... Put to producing ..... , 19.....

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

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

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

**EMPLOYEES**

....., Driller ..... , Driller

Moran Bros., Inc., Driller ..... , Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
2312	2380		Shinarump
2380	2525		Moenkopi
2525	2620		Cutler - Hoskinini Equivalent
2620	2772		Cutler De Chelly Member
2772	4528		Cutler - Organ Rock Member
4528	5345		Honaker Trail
5345	5720		Desert Creek (Paradox)
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

JUL 20 1959

FORM NO. 1

Well No.	1-11-59	1-11-59	1-11-59	1-11-59	1-11-59	1-11-59	1-11-59	1-11-59	1-11-59
Operator									
Location									
Depth									
Production									
Remarks									

### HISTORY OF OIL OR GAS WELL

10-43004-2 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	Time	Work Done	Remarks
------	------	-----------	---------

Spudded 1:00 P.M. 4-11-59. Drilled 17-1/4" hole to 175'. Set and cemented 4 jts. 13-3/8" OD 27.1# Arceo casing at 175' with 175 sx. regular cement, 2% Calcium Chloride. Pumped plug to 145'. Cement circulated. Job completed 12:00 P.M. 4-11-59.

Drilled 11" hole to 1490'. Set and cemented 50 jts. 8-5/8" OD 24# J-55 S Casing at 1489.99' with 330 sx. cement, 126 sx. Diacel "D", 620# Calcium Chloride, 165# Flocale, 660# Buff Plug followed with 125 sx. regular cement around shoe. Circulated out 65 sx. cement. Filled annulus with 145 sx. cement. Pumped plug to 1461' at 3:30 P.M. 4-14-59. WOC 28 hours. Tested casing 750# 30 minutes - o.k.

Drilled 7-7/8" hole to 5720' at 8:00 P.M. 5-3-59. Ran Schlumberger ES Induction and Micro Log to 5723'. Set and cemented 178 jts. 5-1/2" OD 14# J-55 S IBC R-2 casing at 5718.86' with 132 sx. cement, 100# Diacel "D", 496# Calcium Chloride. Pumped plug to 5692' with 1800# at 5:45 P.M. 5-6-59. WOC 24 hours - tested casing 1000# 30 minutes - o.k.

Picked up tubing, ran Western Gannet Ray Neutron Collar Locator Log to 5695'. Perforated Desert Creek with 4 jet shots per foot EL & FL measurement as follows: 5510-22', 5531-27', 5596-62', 5598-72', 5575-80', 5581-86', 5588-92', 5601-98', 5620-52', 5631-64', 5676-87'.

Ran 2-7/8" OD BUE tubing and set at 5671.15'. Baker B33 Packer at 5298.39'. Released rotary rig at 5:40 P.M. 5-4-59. Moved in Well Service Unit and acidized Desert Creek perforations with 10,000 gallons 15% regular Dowell acid in 3 stages as follows: 3500 gallons acid, 300 gallons temporary block, 3500 gallons acid, 300 gallons temporary block, 3000 gallons acid. Maximum pressure 2600#, minimum 2000#. Pumping rate 8.7 BPM. Flush rate 8 BPM. Well on vacuum immediately after treatment. Filled 655 BO, 2.62 bbls water, 317.6 MCF Gas through 48/64" choke in 24 hours 5-13-59. G.O.R. 485


UNITED STATES GEOLOGICAL SURVEY DEPARTMENT OF THE INTERIOR OIL AND GAS DIVISION

PRODUCTION REPORT FOR MONTH OF MAY 1959  
 WELL NO. 1-11-59  
 FIELD OFFICE  
 10-43004-2 U.S. GOVERNMENT PRINTING OFFICE

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.

**21-20-603-353**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Navajo Tribe**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <b>Phillips Petroleum Company</b>		<b>SW I-1492</b>
3. ADDRESS OF OPERATOR <b>P. O. Drawer 1150, Cortez, Colorado</b>		8. FARM OR LEASE NAME <b>Ratherford Unit</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SW SW Sec. 17-660' FSL, 660' FWL Sec. 17</b>		9. WELL NO. <b>17-14</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4754 RKB</b>	10. FIELD AND POOL, OR WILDCAT <b>Greater Anoth Field</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 17-41S-24E, S1EM</b>
		12. COUNTY OR PARISH <b>San Juan</b>
		13. STATE <b>Utah</b>

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 checked="" 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.)\*

**Acidize Desert Creek Zone with 1500 gallons regular acid, 250 gallons Sol Block and 2500 gallons regular acid.**

18. I hereby certify that the foregoing is true and correct  
SIGNED *C. M. Bales* TITLE Area Superintendent DATE 7-16-64

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Copy 1/10

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN REVERSE SIDE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-353

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

SW I-4192

8. FARM OR LEASE NAME

Ratherford Unit

9. WELL NO.

17-14

10. FIELD AND POOL, OR WILDCAT

Greater Aneth Field

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

17-41S-24E 31M

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Drawer 1150, Cortez, Colorado 81321

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

SW SW Sec. 17 - 660' FWL Sec. 17

14. PERMIT NO.

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

4754 RKB

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

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

SEPARATION/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.)\*

On August 29, 1964, acidized well with 1500 gallons regular acid, 250 gallons block, and 2500 gallons regular acid.

Former Production: 38 BOPD, 36 MCFFD, 14 BWPD from Paradox formation of Greater Aneth Field - Desert Creek zone.

Present Production: 64 BOPD, 52 MCFFD, 24 BWPD from Paradox formation of Greater Aneth Field - Desert Creek zone.

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

SIGNED

C. M. Bales

TITLE

Area Superintendent

DATE

9-16-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

7

10

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN  
(Other instr  
verse side)

CATEGORY  
or re-

5. LEASE DESIGNATION AND SERIAL NO.

14-20-402-353

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

17-14

10. FIELD AND POOL, OR WILDCAT

Greater North Field

11. SEC. 1, T. 1 N., R. 1 E.,  
SURVEY OR AREA

17-14-24 N. L.M.

12. COUNTY OR TERRITORY

San Juan

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

Drawer 1150, Cortez, Colorado 81321

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

SW, SW Sec. 17 660' FSL, 660' FWL Sec. 17

14. PERMIT NO.

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

4754' RKB

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) Squeeze out & acidize

X

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.)\*

Set retainer above Zone II perforations, squeeze cement all Zone II perforations 5620-5687' O.A., acidize Zone I perforations 5510-5608' O.A. with 5000 gallons 15% acid and return to production.

PREVIOUS PRODUCTION: Shut Down. Last well test 12/3/67: 0 BOFPD, 0 BWPD, 0 MSFPD  
Zone I production with Zone II isolated by packer.

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

SIGNED

C. M. H. oleo

TITLE

District Superintendent

DATE

2-20-68

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DISTRIBUTION: Orig. & 2 cc - USGS, Farmington, N.M.  
2 cc - Utah O&G, SIC, Utah  
1 cc - Billie  
1 cc - Denver \*See Instructions on Reverse Side  
1 cc - File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TP  
(Other instruct  
verse side)

FE-  
re-

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-355

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Mesaño Tribe

7. UNIT AGREEMENT NAME

SM-I-4192

8. FARM OR LEASE NAME

Hathford Unit

9. WELL NO.

17-14

10. FIELD AND POOL, OR WILDCAT

Greater Anoth Field

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

17-413-24E S.L.M.

12. COUNTY

San Juan

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Phillips Petroleum Company

3. ADDRESS OF OPERATOR  
Drawer 1150, Cortez, Colorado 81321

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

SW, SW Sec. 17 660' FSL, 660' FWL, Sec. 17

14. PERMIT NO.

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

4754' RKB

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) Subsequent cement and acidize

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.)\*

On February 26, 1968 set Model "K" Cement Retainer at 5614'. Spaced Desert Creek Zone II perforations 5620-52, 5654-64, and 5676-87' to 3500' in two stages. Set packer at 5497', acidized Desert Creek Zone I perforations 5510-22, 5534-47, 5556-62, 5568-72, 5575-80, 5584-86, 5588-92 and 5601-08' with 8000 gallons 15% acid in four equal stages separated by 150 gallons crude oil with 300# methball block. Swabbed and flowed well, pulled packer, reran tubing with pumping equipment, returned to production.

Previous Production: (Well Shut down since 12-4-67) 1 BOPD, 0 MCFPD, 0 SWPD (Zone II packed off)

Present Production: 96 BOPD, 100 MCFPD, 3 SWPD

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

SIGNED

*G. N. Boles*  
G. N. Boles

TITLE

Dist. Supt.

DATE

4-2-68

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DISTRIBUTION: Orig. & 2 cc: USGS, Farmington, N.M.  
2 cc: Utah OSGC, SLC, Utah  
1 cc: Bville \*See Instructions on Reverse Side  
1 cc: Denver  
1 cc: Superior, Cortez  
1 cc: File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-353**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo Tribal**

7. UNIT AGREEMENT NAME  
**SW-1-192**

8. FARM OR LEASE NAME  
**Rutherford Unit**

9. WELL NO.  
**17-34**

10. FIELD AND POOL, OR WILDCAT  
**Greater Anoth Field**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**17-419-21E, 31M**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Phillips Petroleum Company**

3. ADDRESS OF OPERATOR  
**P. O. Drawer 1150, Cortez, Colorado 81321**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**SW, SW, Sec. 17 660' FSL, 660' FWL, Sec. 17**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4754' RKB**

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

(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.)\*

Perforate Lower Ismay 5463-75, isolate from Desert Creek and acidize with 6000 gallons 15% sand test, return to production from Desert Creek and lower Ismay commingled.

Present Production: 41 BOPD, 42 MCFGPD, 0 BWFD

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

SIGNED *C. M. Boles* TITLE District Superintendent DATE 1-19-70  
**C. M. Boles**  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Orig. & 2 cc: USGS, Farmington, N.M.  
2 cc: Utah O&GCC, Salt Lake City  
1 cc: Denver office  
1 cc: File

\*See Instructions on Reverse Side

2

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-28-603-353

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

17-14

10. FIELD AND POOL, OR WILDCAT

Greater Aneth Field

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

17-418-24E, SIM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Phillips Petroleum Company

3. ADDRESS OF OPERATOR  
Drawer 1150, Cortez, Colorado 81321

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

660' PSL, 660' FWL, Sec. 17

14. PERMIT NO.

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

4754' RKB

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.)\*

On 2-9-70, perforated Ismay 2 shots per foot 5463-75', ran tubing and retrievable bridge plug and packer, acidized Ismay with 6000 gallons 15% acid in one stage. Swabbed well down, pulled retrievable bridge plug and packer, hung on to pump. Producing from Ismay perforations 5463-75 and Desert Creek Zone I perforations 5510-22, 5534-47, 5556-62, 5568-72, 5575-80, 5584-86, 5588-92 and 5601-08' in Paradox Formation - Greater Aneth Field.

Previous Production (Greater Aneth, Paradox Formation Desert Creek Zone I):

35 BOPD, 43 MCFGPD, 0 BWPD

Present Production (Greater Aneth - Paradox Formation, Ismay and Desert Creek Zone I):

120 BOPD, 71 MCFGPD, 2 BWPD

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

SIGNED

*C. M. Boles*  
C. M. Boles

TITLE District Superintendent

DATE 3-17-70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Orig. & 2 cc: USGS, Farmington, NM  
2 cc: Utah Oil & Gas Cons Comm  
Salt Lake City, Utah

\*See Instructions on Reverse Side

1 cc: Denver  
1 cc: Superior Oil Co., Cortez, Colo.  
1 cc: File

**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  
Phillips Oil 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  
See Attached

14. PERMIT NO. See Attached

15. ELEVATIONS (Show whether OF, RT, OR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.  
96-004192 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
Ratherford Unit ✓

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT  
N/A

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
See Attached

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

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

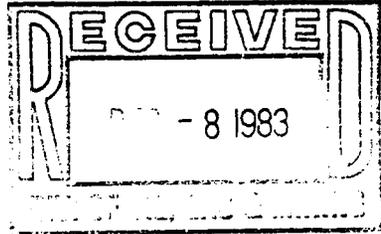
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>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

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 wells 17-14*



- |                     |                       |                         |
|---------------------|-----------------------|-------------------------|
| Org. & 3-BLM        | 1-Robert Klabzuba     | 1-Shell Oil Co.         |
| 1-The Navajo Nation | 1-Micheal J. Moncrief | 1-Southland Royalty Co. |
| 1-Mary Wiley Black  | 1-Richard B. Moncrief | 1-Superior Oil Co.      |
| 1-Lawrence E. Brock | 1-Lee W. Moncrief     | 1-Leroy Shave           |
| 1-Cheveron USA      | 1-Mary H. Morgan      | 1-Texaco, Inc.          |
| 1-Ralph Faxel       | 1-W. A. Moncrief      | 1-Wade Wiley, Jr.       |
| 1-Royal Hogan       | 1-W. A. Moncrief, Jr. | 1-Edwin W. Word, Jr.    |
| 1-W. O. Keller      | 1-L. F. Peterson      | 1-File                  |
| 1-Dee Kelly Corp.   |                       |                         |

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:

WELL NO.WELL LOCATIONAPI NO.STATUS

E14-12	SW NW Sec.14-T41S-R24E	43-037-15998	Act.
E14-13	NW SW Sec.14-T41S-R24E	43-037-15999	SI
10-44	SE SE Sec.10-T41S-R24E	43-037-30451	Act.
15-12	SW NW Sec.15-T41S-R24E	43-037-15715	Act.
15-14	SW SW Sec.15-T41S-R24E	43-037-15716	SI
15-22	SE NW Sec.15-T41S-R24E	43-037-30449	Act.
15-32	SW NE Sec.15-T41S-R24E	43-037-15717	Act.
15-33	NW SE Sec.15-T41S-R24E	43-037-15718	SI
15-41	NE NE Sec.15-T41S-R24E	43-037-15719	Act.
15-42	SE NE Sec.15-T41S-R24E	43-037-3-448	SI
16-12	SW NW Sec.16-T41S-R24E	43-037-15720	Act.
16-14	SW SW Sec.16-T41S-R24E	43-037-15721	Act.
16-32	SW NE Sec.16-T41S-R24E	43-037-15723	Act.
16-34	SW SE Sec.16-T41S-R24E	43-037-15724	SI
16-41	NE NE Sec.16-T41S-R24E	43-037-15725	Act.
17-12	SW NW Sec.17-T41S-R24E	43-037-15726	Act.
17-14	SW SW Sec.17-T41S-R24E	43-037-15727	Act.
17-23	NE SW Sec.17-T41S-R24E	43-037-15728	Act.
17-32	SW NE Sec.17-T41S-R24E	43-037-15729	Act.
17-34	SW SE Sec.17-T41S-R24E	43-037-15730	Act.
17-41	NE NE Sec.17-T41S-R24E	43-037-15731	Act.
17-44	SE SE Sec.17-T41S-R24E	43-037-15732	Act.
18-11	NW NW Sec.18-T41S-R24E	43-037-15733	SI
18-13	NW SW Sec.18-T41S-R24E	43-037-15734	Act.
18-14	SW SW Sec.18-T41S-R24E	43-037-15735	Act.
18-23	NE SW Sec.18-T41S-R24E	43-037-30244	Act.
18-32	SW NE Sec.18-T41S-R24E	43-037-15736	Act.
18-34	SW SE Sec.18-T41S-R24E	43-037-15737	Act.
19-12	SW NW Sec.19-T41S-R24E	43-037-15739	Act.
19-14	SW SW Sec.19-T41S-R24E	43-037-15740	SI
19-32	SW NE Sec.19-T41S-R24E	43-037-15743	Act.
19-34	SW SE Sec.19-T41S-R24E	43-037-15744	Act.
20-12	SW NW Sec.20-T41S-R24E	43-037-15746	Act.
20-14	SW SW Sec.20-T41S-R24E	43-037-15747	Act.
20-32	SW NE Sec.20-T41S-R24E	43-037-15749	Act.
20-34	SW SE Sec.20-T41S-R24E	43-037-15750	Act.
21-12	SW NW Sec.21-T41S-R24E	43-037-15752	Act.
21-14	SW SW Sec.21-T41S-R24E	43-037-15753	Act.
21-23	NE SW Sec.21-T41S-R24E	43-037-13754	Act.
21-32	SW NE Sec.21-T41S-R24E	43-037-15755	Act.
21-33	NW SE Sec.21-T41S-R24E	43-037-30447	SI
21-34	SW SE Sec.21-T41S-R24E	43-037-15756	Act.
22-12	SW NW Sec.22-T41S-R24E	43-037-15757	SI
22-14	SW SW Sec.22-T41S-R24E	43-037-15758	SI
24-42	SE NE Sec.24-T41S-R24E	43-037-15863	Act.
28-11	NW NW Sec.28-T41S-R24E	43-037-30446	Act.
28-12	SW NW Sec.28-T41S-R24E	43-037-15336	Act.
29-12	SW NW Sec.29-T41S-R24E	43-037-15337	Act.
29-32	SW NE Sec.29-T41S-R24E	43-037-15339	Act.



**PHILLIPS PETROLEUM COMPANY**

CASPER, WYOMING 82602  
BOX 2920

EXPLORATION AND PRODUCTION GROUP

April 2, 1986

**RECEIVED**  
APR 09 1986

DIVISION OF  
OIL, GAS & MINING

State of Utah  
Oil, Gas and Mining  
Division of Natural Resources  
355 W. North Temple, 3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: Gilbert Hunt

RE: UIC Permit Applications  
Ratherford Unit  
San Juan County, Utah

Dear Mr. Hunt:

Attached are nine applications for the conversion of oil wells to injection at the Ratherford Unit. The required application attachments are the same as those submitted in February and have not been included in this package.

The well conversions applied for are:

13W31	16W14	18W14
14W42	17W14	24W31
16W12	17W41	24W42

Please contact R. C. Taylor of this office with any questions at (307) 237-3791.

Sincerely,

PHILLIPS PETROLEUM COMPANY

D. C. Gill  
Area Manager

RCT/fb (39)  
Casper RC

UIC CHECKLIST FOR APPLICATION APPROVAL

OPERATOR Phillips Petroleum Co. WELL NUMBER Ratherford 17-14

SEC. 17 T. 41S R. 24E COUNTY San Juan

API # 43-037-15707

NEW WELL  DISPOSAL WELL  ENHANCED RECOVERY WELL

- |                                  |                                         |                             |
|----------------------------------|-----------------------------------------|-----------------------------|
| - Plat showing surface ownership | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| - Application forms complete     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| - Schematic of well bore         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| - Adequate geologic information  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| - Rate and Pressure information  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| - Fluid source                   | Yes <input type="checkbox"/>            | No <input type="checkbox"/> |
| - Analysis of formation fluid    | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| - Analysis of injection fluid    | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| - USDW information               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| - Mechanical integrity test      | Yes <input type="checkbox"/>            | No <input type="checkbox"/> |

Comments: There are no plugged wells in area of review  
There are 3 injection wells  
There are 10 producing wells.  
500 b/d.  
3000 psi max.

Reviewed by  4/9/86

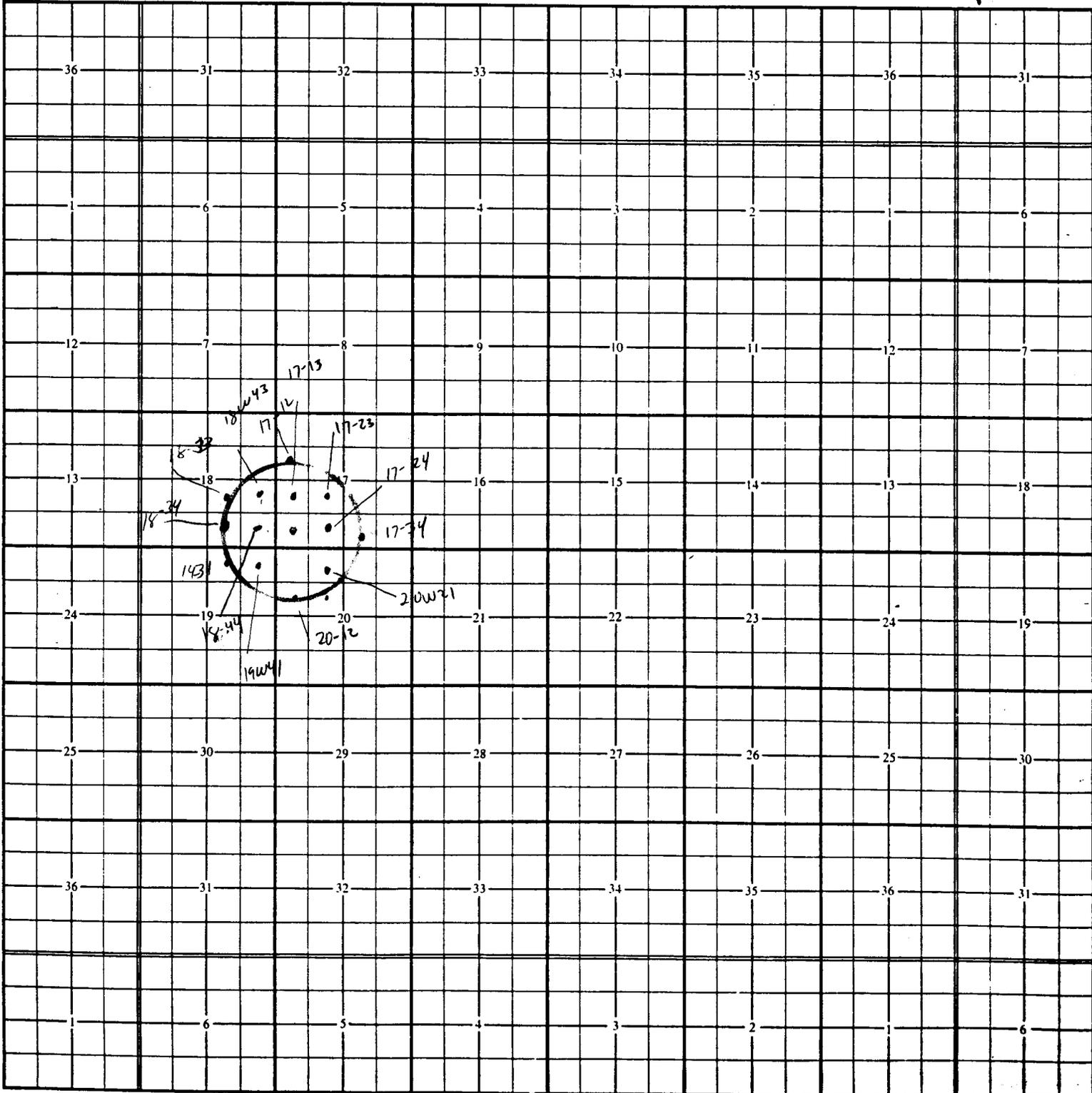
# TOWNSHIP PLAT

Owner Phillips Petroleum Date 4/9/86

Township 41S Range 24E County Sawyer

Rathenford 1714

660 FSL 660 FWL 



Received 4/9/86 mp  
 FORM NO. DOGM-UIC-1  
 (Revised 1982)

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 & RULE 1-4)

IN THE MATTER OF THE APPLICATION OF  
Phillips Petroleum Company

CAUSE NO. C-3 (B)

ADDRESS P. O. Box 2920  
Casper, WY ZIP 82602  
 INDIVIDUAL  PARTNERSHIP  CORPORATION   
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE 17 W 14 WELL  
 SEC. 17 TWP. 41S RANGE 24 E  
San Juan COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE 1-4)	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule 1-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>Ratherford Unit</u>	Well No. <u>17 W 14</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>17 W 14</u> Sec. <u>17</u> Twp. <u>41S</u> Rge. <u>24</u> E			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>Wingate 1550'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of Injection Source(s) <u>Desert Creek Paradox I &amp; II/ San Juan River</u>	Geologic Name(s) and Depth of Source(s) <u>Desert Creek (5510) San Juan River (Surface)</u>		
Geologic Name of Injection Zone <u>Desert Creek Zone I</u>	Depth of Injection Interval <u>5510 to 5608</u>		
a. Top of the Perforated Interval: <u>5510</u>	b. Base of Fresh Water: <u>1550</u>	c. Intervening Thickness (a minus b) <u>3960</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> See previously submitted material, attachment #4			
Lithology of Intervening Zones <u>See previously submitted material, attachment #1</u>			
Injection Rates and Pressures Maximum <u>500</u> B/D <u>Not to exceed approximately 3000</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			
<u>Navajo Tribe, Minerals Dept., P. O. Box 146, Window Rock, AZ 86515</u>			
<u>Mobil Oil Corp. Attn; Joint Interest Advisor P. O. Box 5444 Denver, CO 80217</u>			
<u>Texaco Inc., P. O. Box 2100, Denver, CO 80201</u>			

State of Wyoming  
 County of Natrona

Phillips Petroleum Company  
 Applicant

Before me, the undersigned authority, on this day personally appeared D. C. Gill 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.

DONALD L. HUDSON - Notary Public  
 County of Natrona State of Wyoming  
 My Commission Expires Nov. 3, 1986

Subscribed and sworn to before me this 4th day of April, 19 86  
Donald L. Hudson  
 My commission expires Nov. 3, 1986

Notary Public in and for Natrona Co., Wyoming

(OVER)

**INSTRUCTIONS**

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. 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.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the 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 may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. 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.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

**CASING AND TUBING DATA**

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface 27.1 #	13 3/8"	175'	175 SK	Surface	Returns
Intermediate 24 #	8 5/8"	1490'	580 SK +	Surface	returns
Production 14 # / 15.5 #	5 1/2"	5719'	550 cuft	4234	calculated
Tubing	2-3/8 or 2-7/8	Name - Type - Depth of Tubing Packer Baker type AB Tension Pkr or Similar (5410)			
POB Total Depth 5614	Geologic Name - Inj. Zone Desert Creek Zone 1	Depth - Top of Inj. Interval 5510	Depth - Base of Inj. Interval 5608		

W I COMPLETION: Injector  
PRESENT STATUS: Conversion

FIELD: GREATER ANTH  
RESERVOIR: Desert Creek Zone I

RKB 4754'  
GL 4740'

175'

SURFACE CASING: 13 3/8"  
27.1# Hemco

Well #: 17W114

INTERMEDIATE CASING: 8 5/8"  
24# J-55

1490'

PRODUCTION CASING: 5 1/2"  
14# / 15.5# J-55

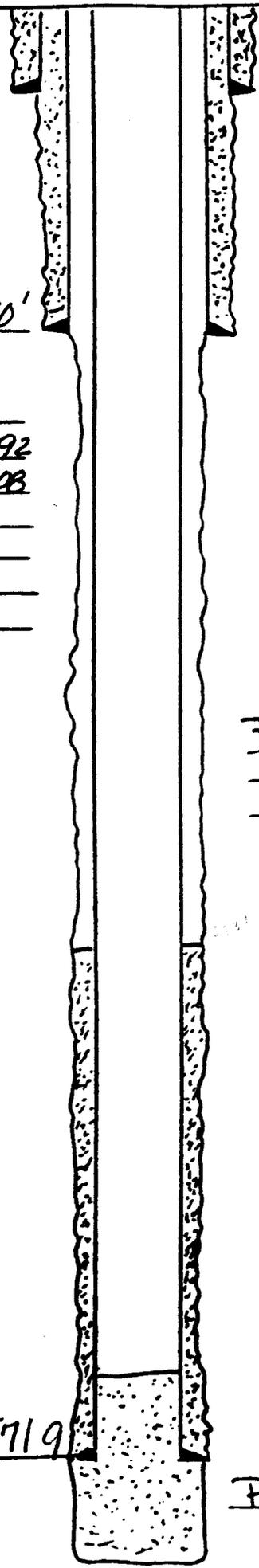
PERFORATIONS: \_\_\_\_\_  
5510-22      5588-92  
5534-47      5601-03  
5556-62  
5568-72  
5575-80  
5584-86

PACKER: Baker Model AB  
Tensim Type. Pkr or Similar  
Set @ approx.

PBTD: 5714  
OTD: 5720

5719

Phillips Petroleum Company



# Commencement

## MONTHLY REPORT OF ENHANCED RECOVERY PROJECT - PART 2 Page 3

### MONTHLY MONITORING OF INJECTION WELLS

Well Name	Inj. Press.	Inj. Rate	Annulus Press.	Monthly Inj. Vol.
✓ 14W4343-037-16410	SI	SI		SI
✓ 15W2143-037-16411	0	71		2202
✓ 15W2343-037-16412	2400	71		2202
✓ 15W4343-037-16413	2125	27		836
✓ 16W1243-037-15720	2350	255		7903
✓ 16W1443-037-15721	2325	19		588
✓ 16W2143-037-16414	275	313		9699
✓ 16W2343-037-15722	1200	168		3190
✓ 16W4343-037-16415	2150	144		4463
✓ 17W1243-037-15726	2080	83		2574
✓ 17W1443-037-15727	1930	424		11,444
✓ 17W2143-037-16416	2120	0		3
✓ 17W2343-037-15728	2140	60		1858
✓ 17W3243-037-15729	0	211		1055
✓ 17W3443-037-15730	750	509		6616
✓ 17W4143-037-15731	2150	58		1796
✓ 17W4343-037-16417	2400	68		2105
✓ 18W1243-037-31153	2125	221		6851
✓ 18W1443-037-15735	2150	16		495
✓ 18W2143-037-16418	2050	38		1177
✓ 18W2343-037-30244	2100	102		3162
✓ 18W3243-037-15736	2100	58		1796



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Doe C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 23, 1986

San Juan Record  
Legal Advertising  
P.O. Box 879  
Monticello, Utah 84535

Gentlemen:

RE: Cause No. UIC-082

Enclosed is a Notice of Application of Administrative Approval before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 7th day of May, 1986. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

*Marlayne Louben*  
for

Marjorie L. Anderson  
Administrative Assistant

mfp

Enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 23, 1986

Newspaper Agency Corporation  
Legal Advertising  
143 South Main - Mezzanine Floor  
Salt Lake City, Utah 84110

Gentlemen:

RE: Cause No. UIC-082

Enclosed is a Notice of Application of Administrative Approval before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

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Sincerely,

*Marjorie L. Anderson*

for  
Marjorie L. Anderson  
Administrative Assistant

mfp

Enclosure

UIC-082

Utah State Department of Health  
Water Pollution Control  
Attn: Loren Morton  
4241 State Office Building  
Salt Lake City, Utah 84114

U.S. Environmental Protection Agency  
Suite 1300  
Attn: Mike Strieby  
999 18th Street  
Denver, Colorado 80202-2413

Bureau of Land Management  
Consolidated Financial Center  
324 South State Street  
Salt Lake City, Utah 84111-2303

Navajo Tribe  
Minerals Department  
PO Box 146  
Window Rock, Arizona 86515

Mobil Oil Corporation  
Attn: Joint Interest Advisor  
PO Box 5444  
Denver, Colorado 80217

Texaco Incorporated  
PO Box 2100  
Denver, Colorado 80201

Phillips Petroleum Company  
PO Box 2920  
Casper, Wyoming 82602

Newspaper Agency Corporation  
Legal Advertising  
143 South Main - Mezzanine Floor  
Salt Lake City, Utah 84110

San Juan Record  
Legal Advertising  
PO Box 879  
Monticello, Utah 84535

  
\_\_\_\_\_  
April 23, 1986

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

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-082  
OF PHILLIPS PETROLEUM COMPANY, :  
FOR ADMINISTRATIVE APPROVAL TO :  
INJECT FLUID INTO WELLS TO BE :  
CONVERTED TO ENHANCED RECOVERY :  
INJECTION WELLS LOCATED IN SEC- :  
TIONS 13, 14 AND 24, TOWNSHIP 41 :  
SOUTH, RANGE 23 EAST; AND SECTIONS :  
16, 17, AND 18, TOWNSHIP 41 SOUTH, :  
RANGE 24 EAST, S.L.M. SAN JUAN :  
COUNTY, UTAH :

---oo0oo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED  
MATTER.

Notice is hereby given that Phillips Petroleum Company, P.O. Box  
2920, Casper, Wyoming 82602, has requested administrative approval from  
the Division to convert the following listed wells to enhanced  
recovery water injection wells:

RATHERFORD UNIT - San Juan County, Utah

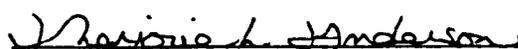
#13-31, Sec. 13, T41S, R23E	#16-14, Sec. 16, T41S, R24E
#14-42, Sec. 14, T41S, R23E	#17-14, Sec. 17, T41S, R24E
#24-42, Sec. 24, T41S, R23E	#17-41, Sec. 17, T41S, R24E
#24-31, Sec. 24, T41S, R23E	#18-14, Sec. 18, T41S, R24E
#16-12, Sec. 16, T41S, R24E	

INJECTION INTERVAL: Desert Creek Formation 5371' to 5640'  
MAXIMUM ESTIMATED SURFACE PRESSURE: 3000 psig  
MAXIMUM ESTIMATED WATER INJECTION RATE: 500 BWPD

Approval of this Application will be granted unless objections are  
filed with the Division of Oil, Gas and Mining within fifteen days  
after publication of this Notice. Objections, if any, should be  
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program  
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake  
City, Utah 84180-1203.

DATED this 21st day of April, 1986.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
MARJORIE L. ANDERSON  
Administrative Assistant

# Affidavit of Publication

ADM-35B

STATE OF UTAH,  
County of Salt Lake

ss.

BEFORE THE DIVISION OF  
OIL, GAS AND MINING  
DEPARTMENT OF  
NATURAL RESOURCES  
STATE OF UTAH  
CAUSE NO. UIC-082  
IN THE MATTER OF THE AP-  
PLICATION OF PHILLIPS PE-  
TROLEUM COMPANY, FOR  
ADMINISTRATIVE APPROVAL  
TO INJECT FLUID INTO  
WELLS TO BE CONVERTED  
TO ENHANCED RECOVERY  
INJECTION WELLS LOCATED  
IN SECTIONS 13, 14 AND 24,  
TOWNSHIP 41 SOUTH, RANGE  
23 EAST; AND SECTIONS 16,  
17 AND 18, TOWNSHIP 41  
SOUTH, RANGE 24 EAST,  
S.L.M., SAN JUAN COUNTY,  
UTAH.

THE STATE OF UTAH TO  
ALL INTERESTED PARTIES IN  
THE ABOVE ENTITLED MAT-  
TER.

Notice is hereby given that  
Phillips Petroleum Company,  
P.O. Box 2920, Casper, Wyo-  
oming 82602, has requested ad-  
ministrative approval from the  
Division to convert the follow-  
ing listed wells to enhanced re-  
covery water injection wells:

- RATHERFOR UNIT
- San Juan County, Utah
- #13-31, Sec. 13, T41S, R23E
- #14-42, Sec. 14, T41S, R23E
- #24-42, Sec. 24, T41S, R23E
- #24-31, Sec. 24, T41S, R23E
- #16-12, Sec. 16, T41S, R24E
- #17-14, Sec. 16, T41S, R24E
- #17-14, Sec. 17, T41S, R24E
- #17-41, Sec. 17, T41S, R24E
- #18-14, Sec. 18, T41S, R24E

INJECTION INTERVAL: Desert  
Creek Formation 5371' to 5640'  
MAXIMUM ESTIMATED SUR-  
FACE PRESSURE: 3000 psig  
MAXIMUM ESTIMATED WA-  
TER INJECTION RATE: 500  
BWPD

Approval of this Application  
will be granted unless objec-  
tions are filed with the Division  
of Oil, Gas and Mining within fif-  
teen days after publication of  
this Notice. Objections, if any,  
should be mailed to the Division  
of Oil, Gas and Mining, Atten-  
tion: UIC Program Manager,  
355 West North Temple, 3 Trid  
Center, Suite 350, Salt Lake  
City, Utah 84180-1203.

DATED this 21st day of April,  
1986.

STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
MARJORIE L. ANDERSON  
Administrative Assistant

M-52

.....Cheryl Gierloff.....

Being first duly sworn, deposes and says that he/she is  
legal advertising clerk of THE SALT LAKE TRIBUNE,  
a daily newspaper printed in the English language with  
general circulation in Utah, and published in Salt Lake  
City, Salt Lake County, in the State of Utah, and of the  
DESERET NEWS, a daily newspaper printed in the  
English language with general circulation in Utah, and  
published in Salt Lake City, Salt Lake County, in the  
State of Utah.

That the legal notice of which a copy is attached hereto

.....Cause No. UIC-082..... Application of Phillips.....

.....Petroleum Company.....

was published in said newspaper on .....

.....May 7, 1986.....

*Cheryl Gierloff*  
Legal Advertising Clerk

Subscribed and sworn to before me this .....20th..... day of

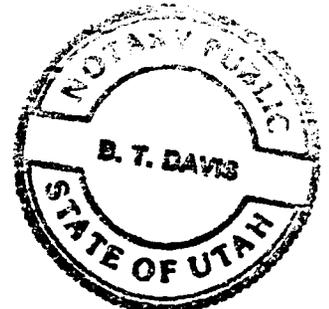
.....May..... A.D. 1986.....

*B. T. Davis*

Notary Public

My Commission Expires

.....March 1, 1988.....



**AFFIDAVIT OF PUBLICATION**

**Public notice**

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

**IN THE MATTER OF THE APPLI-  
CATION OF PHILLIPS PETROLEUM  
COMPANY, FOR ADMINISTRATIVE  
APPROVAL TO INJECT FLUID INTO  
WELLS TO BE CONVERTED TO  
ENHANCED RECOVERY INJEC-  
TION WELLS LOCATED IN SEC-  
TIONS 13, 14 AND 24, TOWNSHIP 41  
SOUTH, RANGE 23 EAST, AND  
SECTIONS 16, 17 AND 18, TOWNSHIP  
41 SOUTH, RANGE 24 EAST, S.L.M.  
SAN JUAN COUNTY, UTAH**

**CAUSE NO. UIC-082**

**IN THE STATE OF UTAH TO ALL  
INTERESTED PARTIES IN THE  
ABOVE ENTITLED MATTER.**

Notice is hereby given that Phillips Petroleum Company, P.O. Box 2920, Casper, Wyoming 82602, has requested administrative approval from the Division to convert the following listed wells to enhanced recovery water injection wells:

- RATHERFORD UNIT**
- San Juan County, Utah
- #13-31, Sec. 13, T41S, R23E
- #14-42, Sec. 14, T41S, R23E
- #24-42, Sec. 24, T41S, R23E
- #24-31, Sec. 24, T41S, R23E
- #16-12, Sec. 16, T41S, R24E
- #16-14, Sec. 16, T41S, R24E
- #17-14, Sec. 17, T41S, R24E
- #17-41, Sec. 17, T41S, R24E
- #18-14, Sec. 18, T41S, R24E

**INJECTION INTERVAL: Desert Creek  
Formation 5371' to 5640'  
MAXIMUM ESTIMATED SURFACE  
PRESSURE: 3000 psig  
MAXIMUM ESTIMATED WATER  
INJECTION RATE: 500 BWPD**

Approval of this Application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84108-1203.

DATED this 21st day of April, 1986.

**STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING**

**/s/ MARJORIE L. ANDERSON**

Laying hens David Bland (over)  
4-23-21c  
565-8622

I, Joyce Martin being duly sworn

depose and say that I am the publisher of the San Juan Record, a weekly newspaper of general circulation published at Monticello, Utah, every Wednesday; that notice of Cause No. UIC-082

a copy of which is hereunto attached, was published in the regular and entire issue of each number of said newspaper for a period of one issues, the first publication having been made on April 30, 1986. and the last publication having been made on \_\_\_\_\_

Signature Joyce A Martin  
Publisher

Subscribed and sworn to before me this 30th day of April, A.D. 1986.

David K Adams  
Notary Public  
Residing at Monticello, Utah

My commission expires December 2, 1987



STATE OF UTAH  
 NATURAL RESOURCES  
 Oil, Gas & Mining

Norman H. Bangerter, Governor  
 Dee C. Hansen, Executive Director  
 Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 23, 1986

Phillips Petroleum Company  
 P.O. Box 2920  
 Casper, Wyoming 82602

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-082

Administrative approval is hereby granted to convert the following wells to Class II enhanced recovery water injection wells:

RATHERFORD UNIT - San Juan County, Utah

#13-31, Sec. 13, T41S, R23E	#16-14, Sec. 16, T41S, R24E
#14-42, Sec. 14, T41S, R23E	#17-14, Sec. 17, T41S, R24E
#24-42, Sec. 24, T41S, R23E	#17-41, Sec. 17, T41S, R24E
#24-31, Sec. 24, T41S, R23E	#18-14, Sec. 18, T41S, R24E
#16-12, Sec. 16, T41S, R24E	

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the wells as outlined in the applications submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

Dianne R. Nielson  
 Director

mfp  
 7627U

BUREAU OF LAND MANAGEMENT

1. LEASE REGISTRATION AND SERIAL NO. 14-20-603-353 *sent 5/1/86 mlp*

SUNDRY NOTICE 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. <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. WELL IDENTIFICATION NAME SW-I-4192	
2. NAME OF OPERATOR Phillips Petroleum Company		8. NAME OR LEASE NAME Ratherford Unit	
3. ADDRESS OF OPERATOR P. O. Box 2920, Casper, WY 82602		9. WELL NO. 17-14	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  660' FSL, 660' FWL (SW SW)		10. FIELD AND POOL, OR WELDEAT Greater Anath	
14. PERMIT NO. 43-037-15727		15. ELEVATIONS (Show whether of. or. or. etc.) 4754' RKB	
		11. COUNTY OR PARISH San Juan	12. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) _____	
(Other) Convert to Water Injection <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 convert Ratherford Unit #17-14 from an Ismay and Zone I producing well to a Zone I water injection well. Upon conversion, the well will be acidized with approximately 6600 gallons of 28% HCl Acid and placed on injection.

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, Utah  
 1-P. J. Adamson  
 1-M. Williams, 302 TRW  
 1-J. R. Reno  
 1-B. J. Murphy  
 1-File RC

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 12/1/86  
 BY: [Signature]  
*Approved letter 5/23/86*

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

SIGNED *D. C. Gill* TITLE Area Manager DATE November 17, 1986  
D. C. Gill

(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)

Budget Bureau No. 1004-0138  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**LEASE DESIGNATION AND SERIAL NO.**  
14-20-603-353  
14-20-603-355

**WELL NAME, ALLOTTEE OR TRIBE NAME**  
Navajo

**1. OIL WELL**  **GAS WELL**  **OTHER**  **Flowline**

**RECEIVED**

**7. UNIT AGREEMENT NAME**  
SW-I-4192

**2. NAME OF OPERATOR**  
Phillips Oil Company

MAY 06 1985

**8. FARM OR LEASE NAME**  
Ratherford Unit

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

DIVISION OF OIL

**9. WELL NO.**  
17.14

**4. LOCATION OF WELL** (Report location clearly and in accordance with any State Regulations. See also space 17 below.)  
At surface  
SW SW Sec. 16 & SE SE Sec. 17 of T41S-R24E San Juan Co., Utah

**10. FIELD AND POOL, OR WILDCAT**  
Greater Aneth

**11. SEC., T., R., N., OR BLM, AND SURVEY OR AREA**  
Sec. 16 & 17 T41S-R24E

**14. PERMIT NO.** \_\_\_\_\_ **15. ELEVATIONS** (Show whether M., FT., OR, etc.)  
4760' MSL

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

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

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Install flowline	(Other) <input checked="" 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 ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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

Phillips Oil Company requests approval to install a flowline as shown on the attached Plat A-2A. This flowline will connect Tank Battery 1 with the Water Injection Plant. The line will be used to carry oil-water emulsion from the Water Injection Plant to Tank Battery 1. The proposed flowline will parallel an existing water line connecting the two locations.

- 5- BLM, Farmington
- 2- Utah O&GCC, Salt Lake City, Utah
- 1- P. J. Adamson
- 1- B. Conner, 318-B-TRW
- 1- J. R. Weichbrodt
- 1- C. M. Anderson
- 1- P. Rooney
- 1- File

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

**SIGNED** A. E. Stuart

**TITLE** Area Manager

**DATE** February 4, 1985

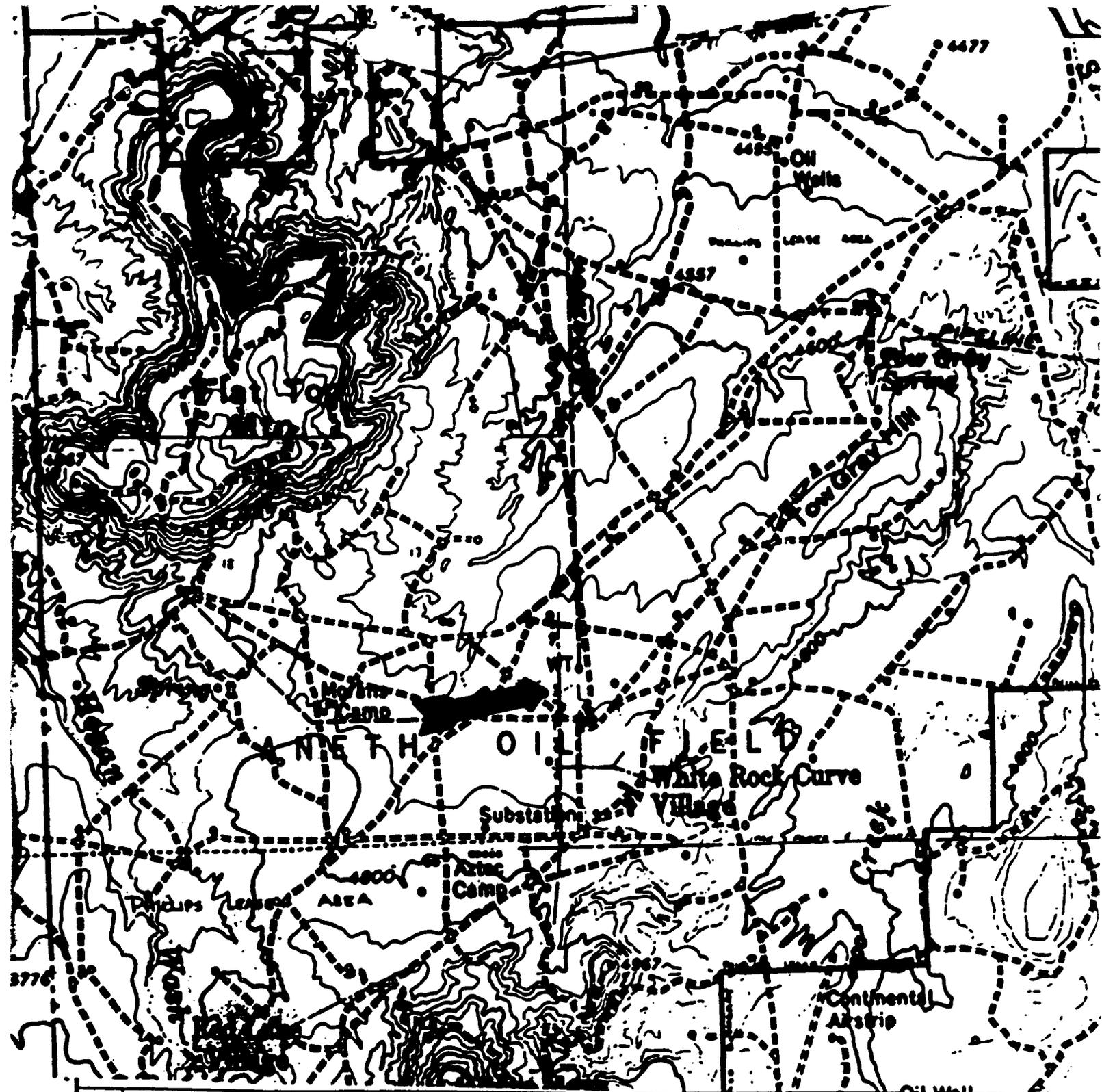
(This space for Federal or State office use)

**APPROVED BY** \_\_\_\_\_  
**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

**TITLE** \_\_\_\_\_

**DATE** \_\_\_\_\_

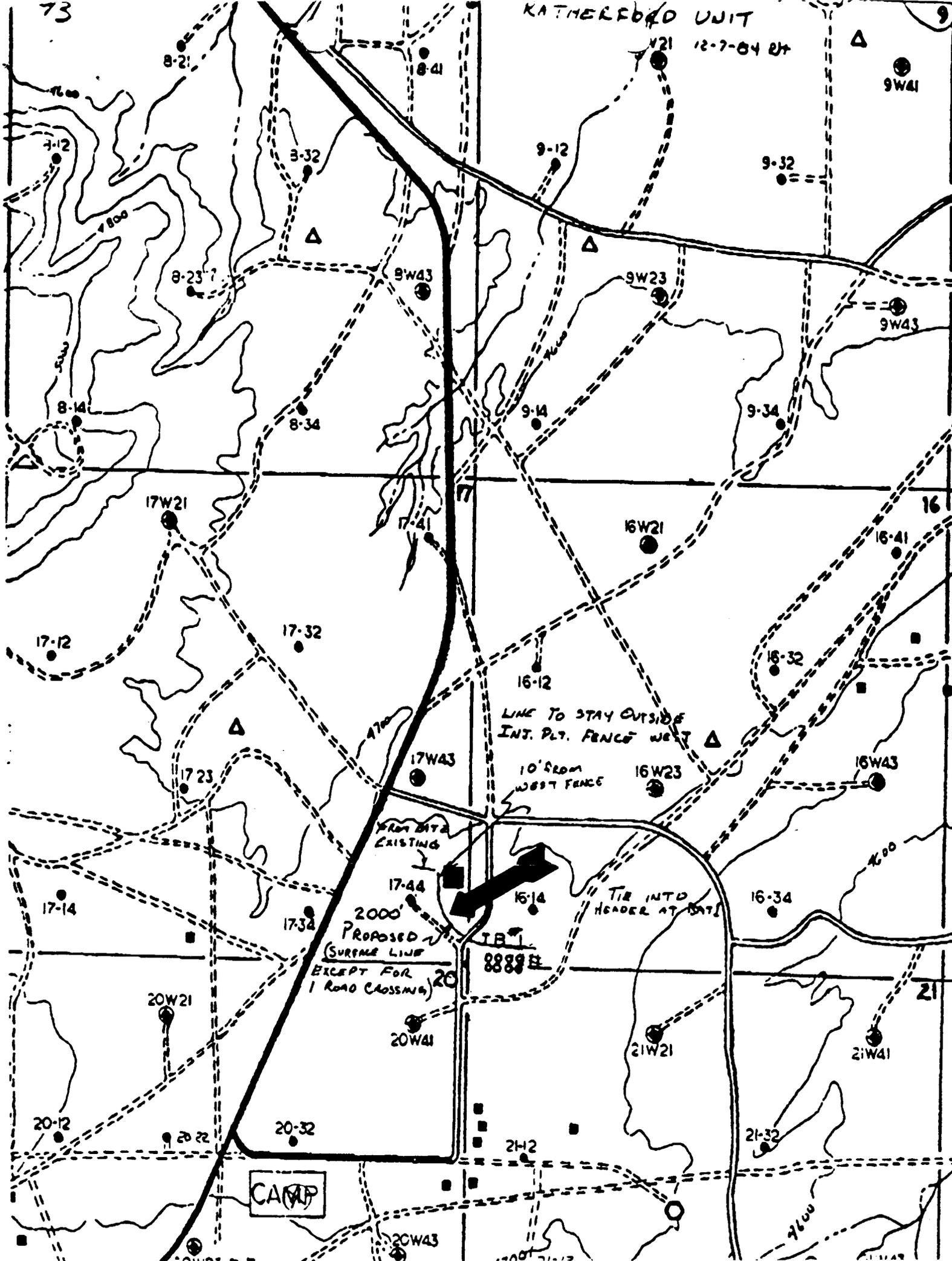
**\*See Instructions on Reverse Side**



NO.	REVISION	BY	DATE	CHKD	APP'D
FOR BIDS	 <b>PHILLIPS PETROLEUM COMPANY</b> BARTLESVILLE, OKLAHOMA		JA NO	FILE CODE	
FOR APPR			AFE NO	SCALE	
FOR CONST				2.2" = 1 mi	
DRAWN	<b>RATHERFORD UNIT</b> <b>PROPOSED FLOWLINE PLAT</b> SEC. 16 & 17 T41S-R24E SAN JUAN CO., UTAH		DWG NO	<b>A 2 A</b>	
CHECKED			SH NO.		
APP'D					

KATHERBOD UNIT

12-7-84 BT



73

9

8-21

8-41

9-21

9W41

7-12

8-32

9-12

9-32

8-23-1

9W43

9W23

9W43

8-14

8-34

9-14

9-34

17W21

16W21

16

17-12

17-32

16-12

16-32

17-23

17W43

16W23

16W43

LINE TO STAY OUTSIDE INT. PLY. FENCE WEST 10' FROM WEST FENCE

FROM DATA EXISTING

17-44

16-14

TIE INTO HEADER AT DATS

16-34

2000' PROPOSED SURVEY LINE EXCEPT FOR 1 ROAD CROSSING

T.B. 8888 FT

21

17-14

17-34

20W21

20W41

21W21

21W41

20-12

20-32

21-2

21-32

CAMP

20W43

7600

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> Water Injector		<b>4. LEAD DESIGNATION AND SERIAL NO.</b> 14-20-603-353	
<b>2. NAME OF OPERATOR</b> Phillips Petroleum Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> NAVAJO	
<b>3. ADDRESS OF OPERATOR</b> P.O. Box 2920, Casper, WY 82602		<b>7. UNIT ASSIGNMENT NAME</b> SW-I-4192	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</b>  660' FSL, 660' FWL SW SW API# 43-037-15727		<b>8. FARM OR LEASE NAME</b> Ratherford Unit	
<b>14. PERMIT NO.</b>		<b>9. WELL NO.</b> 17W14	
<b>15. ELEVATIONS (Show whether SP, ST, OR, etc.)</b> 4754' RKB		<b>10. FIELD AND POOL, OR WILDCAT</b> Greater Aneth	
		<b>11. SEC., T., R., E., OR S.E., AND QUARTER OR AREA</b> Sec. 17-T41S-R24E	
		<b>12. COUNTY OR PARISH</b> San Juan	<b>13. STATE</b> Utah

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
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) Convert to water injection <input checked="" 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.)\***

Feb. 20, 1987 through Mar. 5, 1987

RU 2/20/87. COOH w/rods and tbq. Clean out hole to 5613'. Sqzd the Ismay perfs at 5463-75'. Drld thru sqz and tested, OK. Drld thru Zone I to PBD of 5613'. Zone I had some cement across it. Re-perfd Zone I at 5510-22', 5534-47', 5555-62', 5568-70', and 5576-80'. Acidized Zone I w/5400 gal 28% HCL. Swbd back load. Ran 2-7/8" Duoline tbq and wtr inj pkr. Set pkr at 5505'. RR 3/5/87. HU to injection 3/5/87.

Production Before 15 BOPD 0 BWPD  
Injection After 424 BWPD at 2930 psi

**RECEIVED**  
AUG 4 1987  
DIVISION OF OIL  
GAS & MINING

- |                        |                |
|------------------------|----------------|
| 4-BLM, Farmington, NM  | 1-Chieftain    |
| 2-Utah O&G CC, SLC, UT | 1-Mobil Oil    |
| 1-M. Williams, B'Ville | 1-Texaco, Inc. |
| 1-J. Landrum, Denver   | 1-Chevron USA  |
| 1-J. Reno, Cortez      | 1-File RC      |

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

SIGNED D. C. Gill TITLE Area Manager DATE 7/27/87

(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)

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER    <b>WATER INJECTION &amp; WATER SUPPLY WELLS</b></p> <p>2. NAME OF OPERATOR <b>PHILLIPS PETROLEUM COMPANY</b></p> <p>3. ADDRESS OF OPERATOR <b>152 N. DURBIN, 2ND FLOOR, CASPER, WYOMING—82601</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>SEE ATTACHED</b></p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME  <b>SW-I-4192</b></p> <p>7. UNIT AGREEMENT NAME <b>RATHERFORD UNIT #7960041920</b></p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. <b>VARIOUS (see attached)</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>GREATER ANETH</b></p> <p>11. SEC., T., R., N., OR S.W. AND SURVEY OR AREA <b>Sections 1 thru 30 T41S - R23E &amp; 24E</b></p> <p>12. COUNTY OR PARISH <b>San Juan</b></p> <p>13. STATE <b>Utah</b></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DT, RT, OR, etc.) <b>UT. GAS &amp; MINING</b></p>	

**RECEIVED  
MAR 20 1989**

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 PLANE <input type="checkbox"/>	(Other) <u>CHANGE OF OWNERSHIP</u> <input checked="" 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.)\*

This is to advise all Water Injection and Water Supply Wells on the Ratherford Unit, listed on the attached sheet, were sold to Phillips Petroleum Company, effective August 1, 1985.  
  
(former Operator - Phillips Oil Company)

3 - BLM, Farmington, NM  
2 - Utah O&G CC, SLC, UT  
1 - File

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

SIGNED S. H. Oden TITLE District Superintendent DATE March 17, 1989

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

# DOWN HOLE SCHEMATIC

Date: 8/6/87

RATHERFORD Unit # 17W14

LOCATION SW SW Sec.

RKB Elev. 4754'

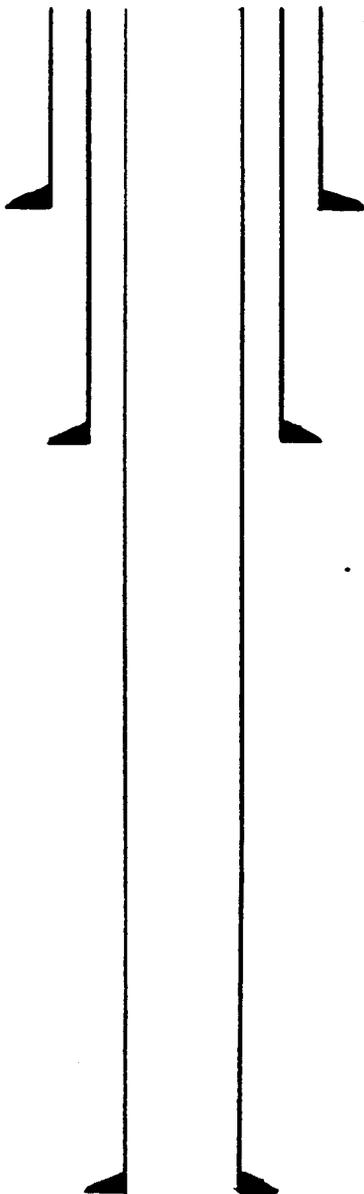
T415-R24E

GL Elev. 4743'

Well Drld 1 1

RKB Above GL' 11'

Well converted to injector 8/15/86



CONDUCTOR Csg 1 3/4 @ 175'

SURFACE Csg. 8 5/8 @ 1490'

TOC 3720' CALC.

Tubing 2 7/8 @ 5505' Duoline #12

PACKER Otis Inter-lock  
Nickel Coated @ 5505'

PERFS	<u>5510 - 22</u>	<u>5575 - 80</u>
	<u>5534 - 47</u>	<u>5584 - 86</u>
	<u>5556 - 62</u>	<u>5588 - 92</u>
	<u>5568 - 70</u>	<u>5601 - 08</u>

PBTD 5614'

PRODUCTION Csg. 5 1/2 @ 5719'  
J-55, 14#

All Perfs Zone I unless noted

42 SHEETS 3 SQUARE  
43 SHEETS 3 SQUARE  
44 SHEETS 3 SQUARE  
45 SHEETS 3 SQUARE



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No 1004-1135  
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

SUBMIT IN TRIPLICATE

**RECEIVED**  
AUG 13 1990

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

2. Name of Operator  
 Phillips Petroleum Company

3. Address and Telephone No.  
 P. O. Box 1150, Cortez, CO (303) 565-3426

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 660' FSL & 660' FWL, SW SW, Sec. 17-T41S-R24E

5. Lease Designation and Serial No.  
 14-20-603-353

6. If Indian, Allottee or Tribe Name  
 Navajo Tribal

7. If Unit or CA, Agreement Designation  
 Ratherford Unit  
 SW-T-4192

8. Well Name and No.  
 Ratherford Unit #17W14

9. API Well No.  
 43-037-15727

10. Field and Pool, or Exploratory Area  
 Greater Aneth

11. County or Parish, State  
 San Juan County, 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 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

Clean out well  
 (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.)

July 23 1990 Through July 26, 1990

MI & RU well service unit 7/23/90. ND wellhead, NU BOP. Rel 5-1/2" Otis Interlock pkr and COOH w/174 jts 2-7/8" Rice Duolined tbg. GIH w/blade bit and csg scraper on 2-3/8" workstring. Tagged fill at 5512'. Drld & cleaned out well to PBT 5614'. COOH w/workstring, scraper, and bit. PU & GIH w/5-1/2" Otis Interlock pkr w/on-off tool and expendable tbg test plug and 174 jts 2-7/8" Rice duolined tbg, drifting barrier rings and pressuring tbg to 3000 psi. Set pkr at 5504'. Pressured annulus to 1000 psi, OK. Disengaged on-off tool and pmpd 120 bbls wtr containing 1/2 drum Well Chem 840 for pkr fluid. Engaged on/off tool. ND BOP, NU wellhead. Tested annulus to 1080 psi for 45 min for UIC test. Held OK. Hooked up inj line, RD & MO well service unit 7/26/90, and return well to injection.

Test prior to work: 58 BWP @ 2500 psi  
 Test after work: 72 BWP @ 2575 psi

Distribution:

5 - BLM, Farmington	1 - V. S. Shaw	1 - Mobil Oil
2 - Utah O&GCC	1 - S. H. Oden	1 - Texaco, Inc.
1 - EPA, Denver	1 - P. J. Konkel	1 - Chevron
1 - N. Anstine	1 - Chieftain	1 - PPCO, Houston
		1 - PPCO, Cortez, RC

14. I hereby certify that the foregoing is true and correct  
 Signed S. H. Oden S. H. Oden Title District Superintendent Date 8/9/90

(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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.  
14-20-603-353

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 #17W14

9. API Well No.  
43-037-15727

10. Field and Pool, or Exploratory Area  
Greater Aneth

11. County or Parish, State  
San Juan, Utah

**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 Water Injector

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)  
660' FSL & 660' FWL  
SW/SW, Sec. 17, T41S, R24E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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 <u>Clean-out &amp; Stimulate</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.)\*

7-25-91 thru 7-30-91

MI & RU DDU. COOH w/injection equipment. Circulated well clean to 5614'. PU pkr w/on-off tool and ran 2-7/8" Rice Duolined tbg. and tested to 3000 psi - held okay. Set pkr @ 5504', circ. pkr fluid and conducted MIT. Test held okay. NU injection line and returned well to injection 7-30-91.

**RECEIVED**

AUG 09 1991

DIVISION OF  
OIL GAS & MINING

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

Signed *[Signature]* Title Sr. Drlg. & Prod. Engr. Date 8-6-91  
(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.

# 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

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <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>		3. 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		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
At proposed prod. zone		11. SEC., T., R., N. OR BLK. AND SURVEY OR AREA	
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY SAN JUAN	13. STATE UTAH

RECEIVED

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"/>	
<small>(Other)</small>		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>	
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 JULY 1, 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 J. Cold 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:

✓ 12W-44	43-037-16405	14-20-603-246A	SEC. 12, T41S, R23E	SE/SE 660 FSL; 660 FEL
✓ 12W-44A	43-037-31543	14-20-603-246A	SEC. 12, T41S, R23E	SE/SE 807 FEL; 772 FSL
✓ 13-11W	43-037-31152	14-20-603-247A	SEC. 13, T41S, R23E	NW/NW 500 FNL; 660 FWL
✓ 13-12	43-037-31127	14-20-603-247A	SEC. 13, T41S, R23E	SW/NW 1705 FNL; 640 FWL
✓ 13W-13	43-037-15851	14-20-603-247A	SEC. 13, T41S, R23E	NW/SW 1980 FSL; 4620 FEL
✓ 13-14	43-037-31589	14-20-603-247A	SEC. 13, T41S, R23E	660 FSL; 660 FWL
✓ 13-21	43-037-31128	14-20-603-247A	SEC. 13, T41S, R23E	NE/NW 660 FNL.; 1920 FWL
✓ 13W-22	43-037-15852	14-20-603-247A	SEC. 13, T41S, R23E	SE/NW 1988 FNL; 3300 FEL
✓ 13-23	43-037-31129	14-20-603-247A	SEC. 13, T41S, R23E	NE/SW 1980 FSL; 1930 FWL
<del>13W-44</del>	<del>43-037-15853</del>	<del>14-20-603-247</del>	<del>SEC. 13, T41S, R23E</del>	<del>660 FSL; 3300 FEL</del>
✓ 13W-32	43-037-16406	14-20-603-247A	SEC. 13, T41S, R23E	1881 FNL; 1979 FEL
✓ 13W-33	43-037-15855	14-20-603-247A	SEC. 13, T41S, R23E	NW/SE 1970 FSL; 1979 FEL
✓ 13W-34	43-037-31130	14-20-603-247A	SEC. 13, T41S, R23E	SW/SE 660 FSL; 1980 FEL
✓ 13-41	43-037-15856	14-20-603-247A	SEC. 13, T41S, R23E	NE/NE 660 FNL; 660 FEL
✓ 13W-42	43-037-15857	14-20-603-247A	SEC. 13, T41S, R23E	SE/NE 2139; 585 FEL
✓ 13-43	43-037-31131	14-20-603-247A	SEC. 13, T41S, R23E	NE/SE 1700 FSL; 960 FEL
✓ 13W-44	43-037-16407	14-20-603-247A	SEC. 13, T41S, R23E	SE/SE 635 FSL; 659 FEL
<del>14-02</del>	<del>NA</del>	<del>14-20-603-4037</del>	<del>SEC. 11, T41S, R23E</del>	<del>SW/SW 660 FSL; 660 FEL</del>
✓ 14-32	43-037-15858	14-20-603-247A	SEC. 14, T41S, R23E	2130 FNL; 1830 FEL
✓ 14-41	43-037-31623	14-20-603-247A	SEC. 14, T41S, R23E	NE/NE 521 FEL; 810 FNL
✓ 14W-42	43-037-15860	14-20-603-247A	SEC. 14, T41S, R23E	SE/NE 1976 FNL; 653 FEL
✓ 14W-43	43-037-16410	14-20-603-247A	SEC. 14, T41S, R23E	3300 FSL; 4770 FEL
✓ 14-33	43-037-15859	14-20-603-247	SEC. 14, T41S, R23E	2130 FSL; 1830 FEL
✓ 15-12	43-037-15715	14-20-603-355	SEC. 15, T41S, R24E	1820 FNL; 500 FWL
✓ 15W-21	43-037-16411	14-20-603-355	SEC. 15, T41S, R24E	660 FNL; 1820 FWL
✓ 15-22	43-037-30449	14-20-603-355	SEC. 15, T41S, R24E	SE/NW, 1980 FNL; 2050 FWL
✓ 15-32	43-037-15717	14-20-603-355A	SEC. 15, T41S, R24E	1980 FNL; 1980 FEL
✓ 15-33	43-037-15718	14-20-603-355	SEC. 15, T41S, R24E	NW/SE 1650 FSL; 1980 FEL
✓ 15-41	43-037-15719	14-20-603-355	SEC. 15, T41S, R24E	660 FNL; 660 FEL
✓ 15-42	43-037-30448	14-20-603-355	SEC. 15, T41S, R24E	SE/NE 2020 FNL; 820 FEL
✓ 16W-12	43-037-15720	14-20-603-355	SEC. 16, T41S, R24E	SW/NW 1880 FNL; 660 FWL
✓ 16-13	43-037-31168	14-20-603-355	SEC. 16, T41S, R24E	1980 FSL; 660 FWL
✓ 16W-14	43-037-15721	14-20-603-355	SEC. 16, T41S, R24E	SW/SW 660 FSL; 660 FWL
✓ 16W-21	43-037-16414	14-20-603-355	SEC. 16, T41S, R24E	NE/NW 660 FNL.; 1880 FWL
✓ 16W-23	43-037-15722	14-20-603-355	SEC. 16, T41S, R24E	NE/SW 1980 FSL; 1980 FWL
✓ 16-32	43-037-15723	14-20-603-355	SEC. 16, T41S, R24E	1980 FNL; 1980 FEL
✓ 16-34	43-037-15724	14-20-603-355	SEC. 16, T41S, R24E	660 FNL; 1980 FEL
✓ 16-41	43-037-15725	14-20-603-355	SEC. 16, T41S, R24E	660 FNL; 660 FEL
✓ 16W-43	43-037-16415	14-20-603-355	SEC. 16, T41S, R24E	NE/SE 2140 FSL; 820 FEL
✓ 17-11	43-037-31169	14-20-603-353	SEC. 17, T41S, R24E	NW/NW 1075 FNL; 800' FWL
✓ 17W-12	43-037-15726	14-20-603-353	SEC. 17, T41S, R24E	SW/NW 1980 FNL; 510' FWL
✓ 17-13	43-037-31133	14-20-603-353	SEC. 17, T41S, R24E	NW/SW 2100 FSL; 660' FWL
✓ 17W-14	43-037-15727	14-20-603-353	SEC. 17, T41S, R24E	SW/SW 660 FSL; 660' FWL
✓ 17W-21	43-037-16416	14-20-603-353	SEC. 17, T41S, R24E	510' FNL; 1830' FWL
✓ 17-22	43-037-31170	14-20-603-353	SEC. 17, T41S, R24E	1980 FNL; 1980' FWL
✓ 17W-23	43-037-15728	14-20-603-353	SEC. 17, T41S, R24E	NE/SW 1980' FWL; 1880' FSL
✓ 17-31	43-037-31178	14-20-603-353	SEC. 17, T41S, R24E	NW/NE 500' FNL; 1980' FEL
✓ 17-32W	43-037-15729	14-20-603-353	SEC. 17, T41S, R24E	SW/NE 1830' FNL; 2030' FEL
✓ 17-33	43-037-31134	14-20-603-353	SEC. 17, T41S, R24E	NW/SE 1980' FSL; 1845' FEL
✓ 17-34W	43-037-15730	14-20-603-353	SEC. 17, T41S, R24E	SW/SE 560' FSL; 1880' FEL
✓ 17W-41	43-037-15731	14-20-603-353	SEC. 17, T41S, R24E	610' FNL; 510' FEL
✓ 17-42	43-037-31177	14-20-603-353	SEC. 17, T41S, R24E	SE/NE 1980; FNL, 660' FEL
✓ 17-44	43-037-15732	14-20-603-353	SEC. 17, T41S, R24E	660 FSL; 660' FEL
✓ 17W-43	43-037-16417	14-20-603-353	SEC. 17, T41S, R24E	NE/SE 1980' FSL; 660' FEL
✓ 18-11	43-037-15733	14-20-603-353	SEC. 18, T41S, R24E	NW/NW 720' FNL; 730' FWL
✓ 18-12W	43-037-31153	14-20-603-353	SEC. 18, T41S, R24E	SW/NW 1980' FNL; 560' FWL
✓ 18W-21	43-037-16418	14-20-603-353	SEC. 18, T41S, R24E	NE/NW 660' FNL; 1882' FWL
✓ 18-22	43-037-31236	14-20-603-353	SEC. 18, T41S, R24E	SW/NW 2200' FNL; 2210' FWL
✓ 18W-23	43-037-30244	14-20-603-353	SEC. 18, T41S, R24E	NE/SW 2385' FSL; 2040' FWL
✓ 18W-14	43-037-15735	14-20-603-353	SEC. 18, T41S, R24E	SW/SW 810' FSL; 600' FWL
✓ 18-24	43-037-31079	14-20-603-353	SEC. 18, T41S, R24E	SE/SW 760' FSL; 1980' FWL
✓ 18-31	43-037-31181	14-20-603-353	SEC. 18, T41S, R24E	NW/NE 795' FNL; 2090; FEL
<del>18W-32</del>	<del>43-037-15736</del>	<del>14-20-603-353</del>	<del>SEC. 18, T41S, R24E</del>	<del>SW/NE 2140' FNL; 1830' FEL</del>
✓ 18-33	43-037-31135	14-20-603-353	SEC. 18, T41S, R24E	NW/SE 1870' FSL; 1980' FEL
✓ 18-34W	43-037-15737	14-20-603-353	SEC. 18, T41S, R24E	SW/SE 780' FSL; 1860 FEL
✓ 18W-41	43-037-15738	14-20-603-353	SEC. 18, T41S, R24E	NE/NE 660' FNL; 660' FEL
✓ 18-42	43-037-31182	14-20-603-353	SEC. 18, T41S, R24E	SE/NE 2120' FNL; 745' FEL
✓ 18W-43	43-037-16419	14-20-603-353	SEC. 18, T41S, R24E	NE/SE 1980' FSL; 660' FEL
✓ 18-44	43-037-31045	14-20-603-353	SEC. 18, T41S, R24E	SE/SE 660' FSL; 660' FEL
✓ 19-11	43-037-31080	14-20-603-353	SEC. 19, T41S, R24E	NW/NW 660' FNL; 660' FWL
✓ 19-12	43-037-15739	14-20-603-353	SEC. 19, T41S, R24E	600' FWL; 1980' FNL
✓ 19-14	43-037-15740	14-20-603-353	SEC. 19, T41S, R24E	600' FSL; 660' FEL

PAID

PAID

# MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 7 / 93

AMENDED REPORT  (Highlight Changes)

*\*931006 updated.  
Jc*

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	243825	5885			

**RECEIVED**

SEP 13 1993

DIVISION OF OIL, GAS & MINING

COMMENTS: *PLEASE NOTE ADDRESS CHANGE. MOBIL ~~ASO~~ 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

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.

*File 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

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

MINERALS	SEARCHED
INDEXED	SERIALIZED
FILED	3
ALL SUPPLY	
FILED	

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 Ratherford Unit,

JUN 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 Ratherford 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 Ratherford 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 Ratherford 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 Ratherford 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, Z/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

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).

OCT 25 1993

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: \_\_\_\_\_  
Field or Unit name: RATHERFORD UNIT API no. \_\_\_\_\_  
Well location: QQ \_\_\_\_\_ section \_\_\_\_\_ township \_\_\_\_\_ range \_\_\_\_\_ county \_\_\_\_\_  
Effective Date of Transfer: July 1, 1993

CURRENT OPERATOR

Transfer approved by:

Name Ed Hasely Company Phillips Petroleum Company  
Signature Ed Hasely Address 5525 HWY. 64  
Title Environmental Engineer Farmington, NM 87401  
Date October 22, 1993 Phone ( 505 ) 599-3460

Comments:

NEW OPERATOR

Transfer approved by:

Name Shirley Todd Company Mobil Exploration & Producing North America  
Signature Shirley Todd Address P O Box 633  
Title Env. & Reg. Technician Midland, TX 79702  
Date October 7, 1993 Phone ( 915 ) 688-2585

Comments:

(State use only)  
Transfer approved by [Signature] Title UIC Manager  
Approval Date 10-27-93

BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF UTAH

APPLICATION OF PHILLIPS PETROLEUM )  
 COMPANY FOR THE APPROVAL OF THE )  
 UNIT OPERATIONS AND PRESSURE MAIN- ) CAUSE NO. 63  
 TENANCE PROGRAM FOR THE RATHERFORD )  
 UNIT IN THE GREATER ANETH AREA, )  
 SAN JUAN COUNTY, UTAH )

ORDER

This Cause came on for hearing before the Oil and Gas Conservation Commission of the State of Utah at 10 o'clock a. m. on Wednesday, September 13, 1961, in the Crystal Room, Hotel Newhouse, Fourth South at Main Street, Salt Lake City, Utah, pursuant to notice duly and regularly given. The entire Commission, except Walter G. Mann, was present, Edward W. Clyde presiding. Appearances were made as follows: Cecil C. Hamilton, attorney, on behalf of Phillips Petroleum Company; Clair M. Senior, attorney, on behalf of Texaco, Inc.; Gordon Mayberry, attorney, on behalf of Continental Oil Company; R. R. Robison on behalf of Shell Oil Company. Others present included Carl Trawick, on behalf of United States Geological Survey; and J. R. White, on behalf of Texaco, Inc.

Evidence in support of the application was introduced by Phillips Petroleum Company, the applicant and Unit Operator of the Ratherford Unit, which embraces as the unit area the following described land in San Juan County, State of Utah, to wit:

TOWNSHIP 41 SOUTH, RANGE 23 EAST, SLN

Section 1:	All	Sections 12 and 13:	All
Section 2:	E/2	Section 14:	3/2
Section 11:	E/2	Section 24:	All

TOWNSHIP 41 SOUTH, RANGE 24 EAST, SLN

Section 3:	SW/4	Sections 15	
Section 4:	S/2	through 21:	All
Sections 5 through 9:	All	Section 22:	NE/4 and
Section 10:	S/2 and NW/4		W/2 of the
	and W/2 of NE/4		SW/4
Section 11:	S/2 of SW/4	Section 23:	NE/4 and
			W/2 of NE/4
Section 14:	E/2		and W/2 of SW/4
		Section 29 and 30:	All
		Section 31:	W/2
		Section 32:	E/2

R. R. Robison on behalf of Shell Oil Company stated that (as contemplated by paragraph No. 5 of the Commission's order of February 24, 1959, in Cause No. 17 authorizing the drilling of certain test wells) Shell would submit to the Commission, as arbiter, the question as between Shell and Superior Oil Company

of the monetary value, if any, to be attributed to three test wells drilled within the Rutherford Unit area pursuant to said order of February 24, 1959.

No objection to the granting of the application was filed or expressed. The Shell Oil Company, Texaco, Inc. and Continental Oil Company expressed their support of the application of Phillips Petroleum Company.

#### FINDINGS OF FACT

The Commission finds that:

1. The unitized operation of the Rutherford Unit Area will enable pressure maintenance operations to be initiated and permit such Area to be operated in a manner which will prevent waste, protect correlative rights and result in greater ultimate recovery of oil and gas.
2. The Rutherford Unit Agreement has been approved by the various signatory parties as fair, reasonable and acceptable.
3. The water injection pressure maintenance program proposed by the applicant appears to be proper and designed to result in the greatest economic recovery of oil and gas to the end that all concerned, including the general public, may realize and enjoy the greatest good from the oil and gas resources of the unitized lands.

#### ORDER

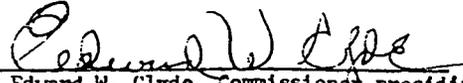
THEREFORE, IT IS ORDERED BY THE COMMISSION, and subject to its continuing jurisdiction, that:

1. Unit operation of the Rutherford Unit Area under the Rutherford Unit Agreement is approved.
2. The plan and program of water injection pressure maintenance operations proposed by applicant in its application filed herein should be and the same is hereby approved and the unit operator is authorized to proceed with and under such plan and program as soon as the Rutherford Unit Agreement becomes effective and operative.
3. If, at any time or from time to time, it appears necessary or desirable to the unit operator to alter or modify the hereby approved plan of pressure maintenance, any such alteration or modification shall be submitted for

and shall be subject to approval by the Commission or its delegated representative, which approval may be given without notice or hearing, unless otherwise ordered or directed by the Commission.

Dated this 13th day of September, 1961.

THE OIL AND GAS CONSERVATION  
COMMISSION OF THE STATE OF UTAH

  
Edward W. Clyde, Commissioner, presiding

  
C. R. Henderson, Chairman

  
M. V. Hatch, Commissioner

  
C. S. Thomson, Commissioner

\_\_\_\_\_  
Walter G. Mann, Commissioner

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:	
1	<del>VLC/A7-SJ</del>
2	<del>DES/S8-AHF</del>
3	VLC
4	RJFV
5	JFK
6	PL

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 (303)	<u>565-2212</u>	phone (505)	<u>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: <b>**SEE ATTACHED**</b>	API: <u>43037-15727</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/B/m Approved 7-9-93.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

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

5. Lease Designation and Serial No.  
**14-20-603-353**

6. If Indian, Allottee or Tribe Name  
**NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation  
**RATHERFORD UNIT**

8. Well Name and No.  
**RATHERFORD UNIT 17W-14**

9. API Well No.  
**43-037-15727**

10. Field and Pool, or exploratory Area  
**GREATER ANETH**

11. County or Parish, State  
**SAN JUAN, UT**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MEPNA**

3. Address and Telephone No.  
**P. O. BOX 633, MIDLAND, TX 79702 (915) 688-2585**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FSL, 660' FWL; SEC. 17, T41S, R24E**

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

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

- 09/20/93 MIRU. OPEN WELL & BLOW DOWN; ND WELLHEAD, REL OTIS PKR, NU BOP. POOH W/TBG. RHH W/BIT & SCRAPER.
- 09/21/93 TAG FILL @ 5608'. CLEAN OUT FILL TO 5613'. SET ARROW PKR @5500' ON 176 JTS 2-7/8" TBG. FILL & PRESS TEST CSG TO 1040 PSI-HELD OK F/30 MIN.
- 09/22/93 ACIDIZE W/5100 GALS HCL & 350 GALS 2.0 PPG SALT. FLOW DOWN WELL. REL ARROW PKR & POOH.
- 09/23/93 SET GUIB PKR @ 5500'. NU WELLHEAD; PRESS TEST CSG TO 1050 PSI-HELD OK F/30 MIN. RDMO. RETURN WELL TO INJECTION.

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

Signed *D. Davis for Shirley Todd* Title ENV. & REG. TECHNICIAN

Date 5-20-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any:

*Ann Credit*

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File \_\_\_\_\_  
(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_  
(API No.) \_\_\_\_\_

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other  
OPER NM CHG \_\_\_\_\_  
\_\_\_\_\_

1. Date of Phone Call: 8-3-95 Time: \_\_\_\_\_

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

Name R. J. FIRTH (Initiated Call ) - Phone No. ( \_\_\_\_\_ )  
of (Company/Organization) \_\_\_\_\_

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: \_\_\_\_\_

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.  
\*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217-5444

May 14, 1986

**RECEIVED**  
MAY 16 1986

Utah Board of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth  
Associate Director

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd  
CNE8661

R. D. Baker  
Environmental Regulatory Manager

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓ MEPNA (MOBIL	43-037-15722	16W23	41S	24E	16	INJW	Y
✓ MEPNA (MOBIL	43-037-16414	16W21	41S	24E	16	INJW	Y
✓ MEPNA (MOBIL	43-037-16416	17W21	41S	24E	17	INJW	Y
✓ MEPNA (MOBIL	43-037-15726	17W12	41S	24E	17	INJW	Y
✓ MEPNA (MOBIL	43-037-15731	17W41	41S	24E	17	INJW	Y
✓ MEPNA (MOBIL	43-037-16417	17W43	41S	24E	17	INJW	Y
✓ MEPNA (MOBIL	43-037-15728	17W23	41S	24E	17	INJW	Y
✓ MEPNA (MOBIL	43-037-15730	17W34	41S	24E	17	INJW	Y
✓ MEPNA (MOBIL	43-037-15729	17W32	41S	24E	17	INJW	Y
✓ MEPNA (MOBIL	43-037-15727	17W14	41S	24E	17	INJW	Y
✓ MEPNA (MOBIL	43-037-31153	18W12	41S	24E	18	INJW	Y
✓ MEPNA (MOBIL	43-037-15737	18W34	41S	24E	18	INJW	Y
✓ MEPNA (MOBIL	43-037-15736	18W32	41S	24E	18	INJW	Y
✓ MEPNA (MOBIL	43-037-30244	18W23	41S	24E	18	INJW	Y
✓ MEPNA (MOBIL	43-037-15735	18W14	41S	24E	18	INJW	Y
✓ MEPNA (MOBIL	43-037-16418	18W21	41S	24E	18	INJW	Y
✓ MEPNA (MOBIL	43-037-15738	18W41	41S	24E	18	INJW	Y
✓ MEPNA (MOBIL	43-037-15741	19W21	41S	24E	19	INJW	Y
✓ MEPNA (MOBIL	43-037-15742	19W23	41S	24E	19	INJW	Y
✓ MEPNA (MOBIL	43-037-15745	19W41	41S	24E	19	INJW	Y
✓ MEPNA (MOBIL	43-037-16420	19W43	41S	24E	19	INJW	Y
✓ MEPNA (MOBIL	43-037-15748	20W23	41S	24E	20	INJW	Y
✓ MEPNA (MOBIL	43-037-15751	20W41	41S	24E	20	INJW	Y
✓ MEPNA (MOBIL	43-037-16423	20W21	41S	24E	20	INJW	Y
✓ MEPNA (MOBIL	43-037-16424	20W43	41S	24E	20	INJW	Y
✓ MEPNA (MOBIL	43-037-16427	21W43	41S	24E	21	INJW	Y
✓ MEPNA (MOBIL	43-037-16425	21W21	41S	24E	21	INJW	Y
✓ MEPNA (MOBIL	43-037-16431	28W21	41S	24E	28	INJI	Y
✓ MEPNA (MOBIL	43-037-16433	29W41	41S	24E	29	INJW	Y
✓ MEPNA (MOBIL	43-037-16432	29W21	41S	24E	29	INJW	Y
✓ MEPNA (MOBIL	43-037-15338	29W23	41S	24E	29	INJI	Y
✓ MEPNA (MOBIL	43-037-16434	29W43	41S	24E	29	INJW	Y
✓ MEPNA (MOBIL	43-037-15343	30-41	41S	24E	30	INJW	Y
✓ MEPNA (MOBIL	43-037-16435	30W21	41S	24E	30	INJI	Y

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

1- LJC	7- PL
2- LWP	8- SJ
3- <del>DE</del> O- FILE	
4- VLC	
5- RJP	
6- LWP	

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: 8-2-95)

TO (new operator) MOBIL EXPLOR & PROD  
 (address) C/O MOBIL OIL CORP  
PO DRAWER G  
CORTEZ CO 81321  
 phone (303) 564-5212  
 account no. N7370

FROM (former operator) M E P N A  
 (address) C/O MOBIL OIL CORP  
PO DRAWER G  
CORTEZ CO 81321  
 phone (303) 564-5212  
 account no. N7370

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

Name: <u>** SEE ATTACHED **</u>	API: <u>037-15727</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**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- 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: \_\_\_\_\_.
- N/A 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.
- LWP 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- LWP 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- LWP 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**

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

**BOND VERIFICATION (Fee wells only) \* No Fee Lease Wells at this time!**

- N/A/ Lee* 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 \_\_\_\_\_ 1995. If yes, division response was made by letter dated \_\_\_\_\_ 1995.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated \_\_\_\_\_ 1995, 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. *DTJ 8/5/95*
- N/A* 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: October 4 1995.

**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**

*950803 LIC F5/Not necessary!*

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/29/97

API NO. ASSIGNED: 43-037-15727

WELL NAME: RU 17-W-14 (MULTI LEG)  
 OPERATOR: MOBLI EXPL & PROD (N7370)

PROPOSED LOCATION:  
 SWSW 17 - T41S - R24E  
 SURFACE: 0660-FSL-0660-FWL  
 BOTTOM: ~~0967-FNL-1850-FWL~~ *Multi-lateral*  
 SAN JUAN COUNTY  
 GREATER ANETH FIELD (365)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: IND  
 LEASE NUMBER: 14-20-603-353

PROPOSED PRODUCING FORMATION: DSCR

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal  State  Fee   
 (Number ALLIANCE BONDING)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit  
 (Number NAVATO ALLOCATION)
- RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

- R649-2-3. Unit: RATHERFORD
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

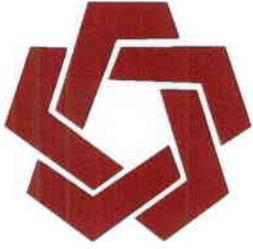
STIPULATIONS: 1. Directional drilling

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



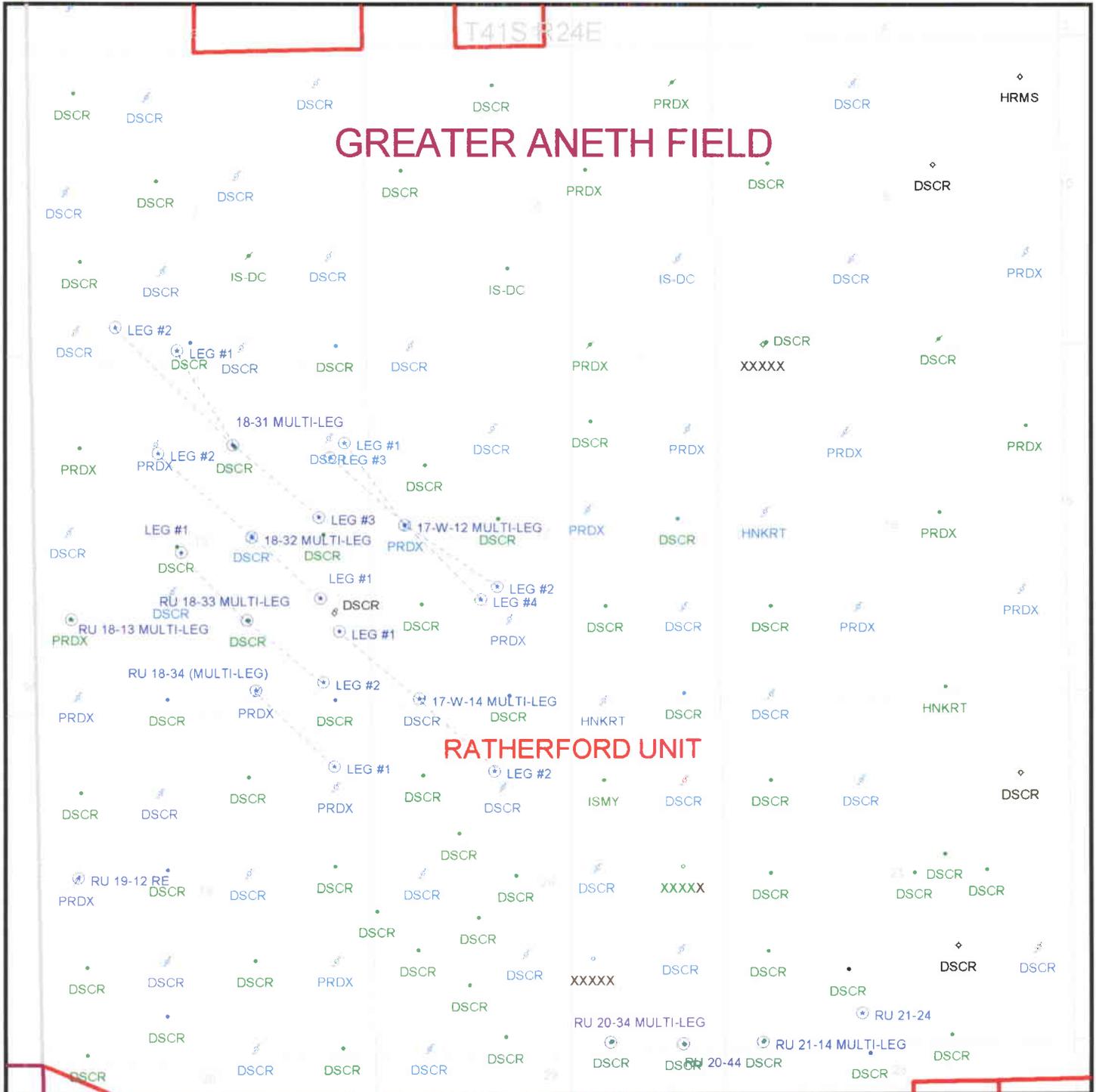
DIVISION OF OIL, GAS & MINING

OPERATOR: MOBIL EXPL & PROD (N7370)

FIELD: GREATER ANETH (365)

SEC. TWP. RNG.: SEC. 17, T41S, R24E

COUNTY: SAN JUAN UAC: R649-2-3 RATHERFORD UNIT



DATE PREPARED:  
5-JAN-1998

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0195  
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.

14-20-603-353

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 17-W-14

9. API Well No.

43-037-15727

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

MOBIL PRODUCING TX & NM INC.\*  
\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702 (915) 688-2585

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

SEC. 17, T41S, R24E  
(SW/SW) 660' FSL & 660' FWL

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

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

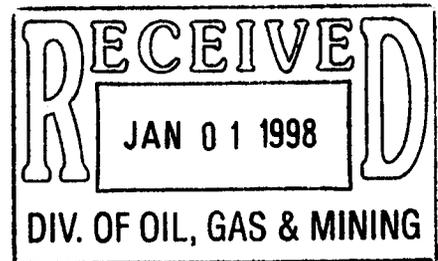
- Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other SIDETRACK/INJECTOR  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

BHL: LATERAL #1 1029' NORTH & 1226' WEST F/SURFACE SPOT. (ZONE 1a) 314 x 374 =  
LATERAL #2 1132' SOUTH & 1132' EAST F/SURFACE SPOT. (ZONE 1a) 345 x 345 = 564 FWL 245 FWL 20

SEE ATTACHED.



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

Signed

*Shirley Houchins*

Title, SHIRLEY HOUCHINS/ENV & REG TECH

Date 12-29-97

(This space for Federal or State office use)

Approved by

*John R. Boye*

Title

Associate Director  
Utah DOGM

Date

1/29/98

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.

## **Ratherford Unit Well #17-14 Horizontal Drilling Procedure**

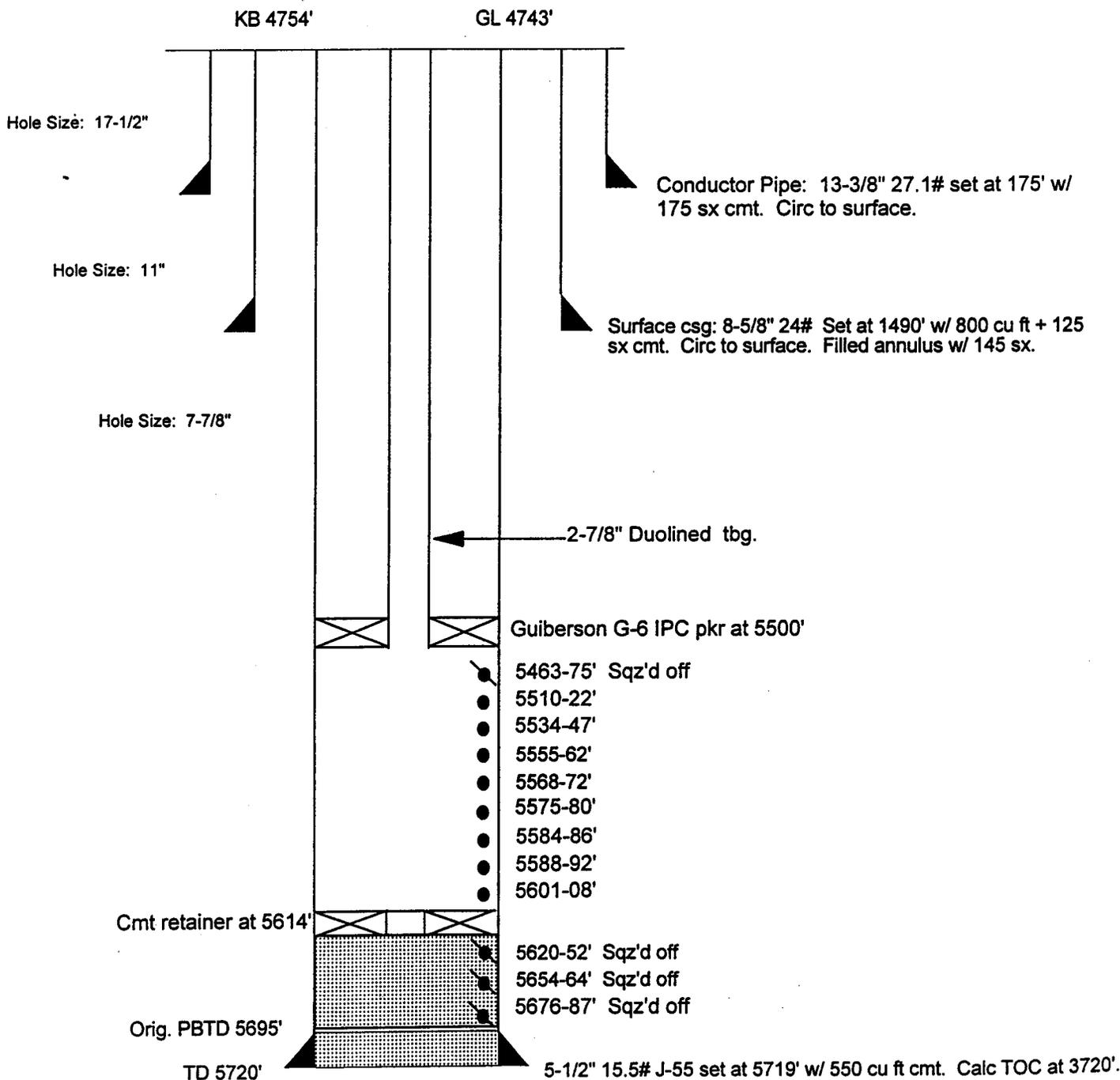
The objective of this procedure is to prepare this wellbore for sidetracking, sidetrack the subject well and drill multilateral short radius horizontal laterals (1500-1700 feet).

1. Prepare location and dig working pit.
2. MIRU WSU, reverse unit, and H2S equipment. Bullhead kill weight fluid down tubing.
3. ND wellhead and NU BOP's. Pressure test BOP's to working pressure.
4. Continue to POH with related equipment (tubing and rods for producers or tubing and packer for injectors).
5. RU wireline to run any logs desired and run gage ring for casing size and weight.
6. Set retrievable bridge plug on wireline and pressure test casing to 1000 psi.
7. RDMO WSU.
8. MIRU 24 hr. WSU. NU BOP's and pressure test with chart.
9. PU tubing, drilling collars, and drill pipe in derrick and run in hole. Then POH and stand back.
10. Run packer on wireline and set using GR/CCL log to correlate with. RD wireline.
11. PU drillpipe with UBHO sub in string and latch into packer to survey the hole and obtain orientation of keyway. POH w/gyro and drill string.
12. Orient whipstock on surface to desired bearing and RIH on drill pipe. Latch into packer. Shear stater mill bolt and make starter cut.
13. POH w/ starter mill and pick up window mill and watermelon mill and continue to mill window. Drill 1-2 ft of formation
14. POH w/ mills and PU curve building assembly and drill string with UBHO sub in string and RIH.
15. RU gyro to assist in time drilling and starting out of the casing window. POH w/ gyro when inclination dictates it must be pulled.
16. Finish drilling the curve using the MWD.
17. POH once curve is finished and PU lateral motor to drill the lateral using MWD.
18. Once lateral TD is reached, POH w/ directional equipment.
19. PU retrieving hook and RIH on drill pipe. Retrieve whipstock and PU new whipstock oriented for desired bearing to start in hole.
20. Repeat steps 12 through 19 for each subsequent lateral.

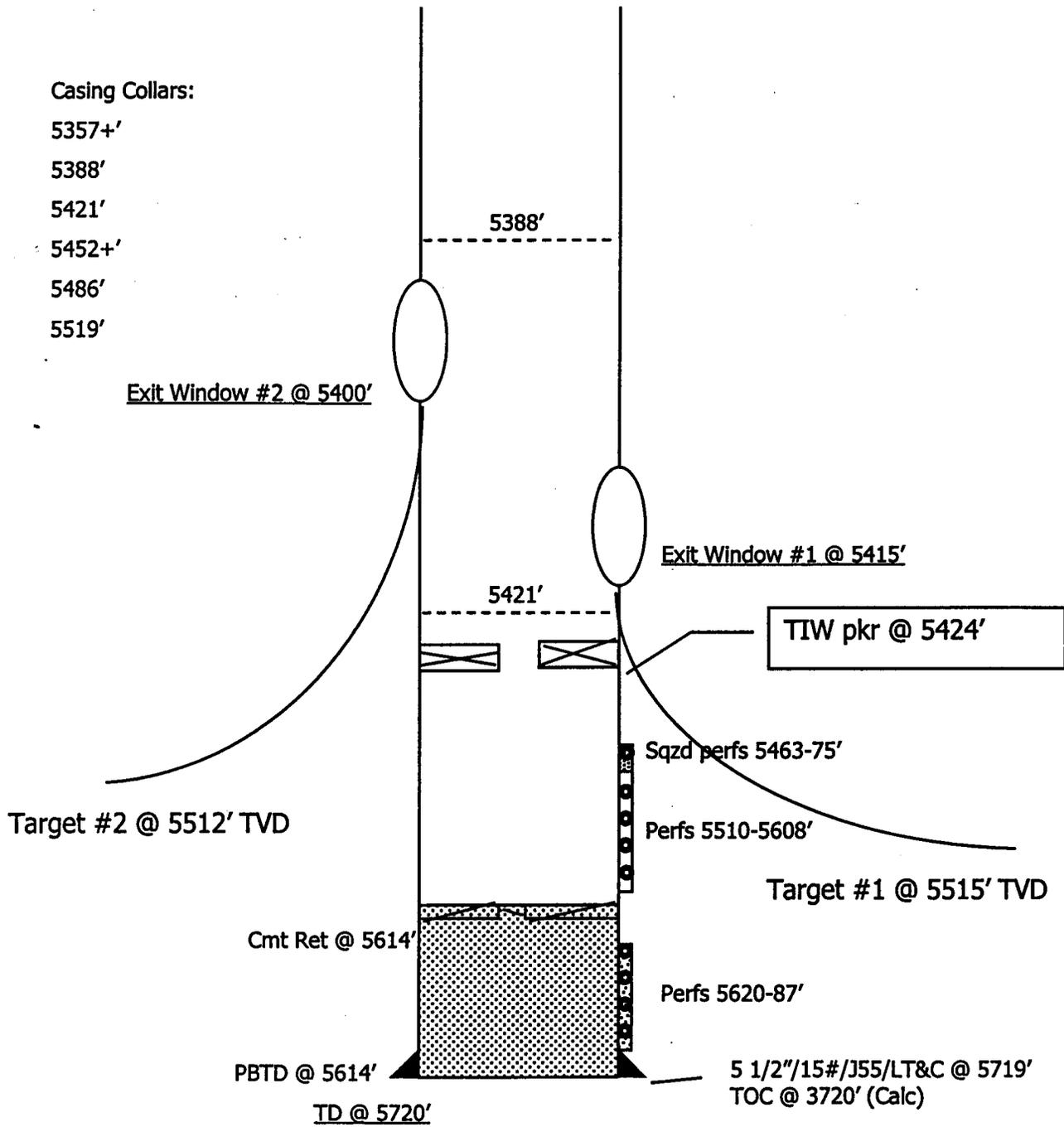
**RATHERFORD UNIT # 17-14**  
**GREATER ANETH FIELD**  
**660' FSL & 660' FWL**  
**SEC 17-T41S-R24E**  
**SAN JUAN COUNTY, UTAH**  
**API 43-037-15727**  
**PRISM 0043156**

**INJECTOR**

Capacities:	bbbl/ft	gal/ft	cuft/ft
2-7/8" 6.5#	.00579	.2431	.0325
5-1/2" 14#	.0244	1.0249	.1370
5-1/2" 15.5#	.0238	.9997	.1336
2-7/8x5.5"14#	.0164	.6877	
.0919			
2-7/8x5.5"15.5#	.0158	.6625	
.0886			



# Ratherford Unit #17-14



Window	Btm-Top of Window	Ext length	Curve Radius	Bearing	Horiz Displ
1	5415-09	-----	100	310	1600
2	5400-5394	15	112	135	1600

The double spline is 2.42 ft long and the bottom of the whipstock, the latch, the debris and the shear sub are 8.68 ft long. These lengths must be added to the extension lengths to determine the entire whipstock assembly length.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

January 29, 1998

Mobil Exploration & Producing  
P.O. Box 633  
Midland Tx 79702

Re: Ratherford Unit 17-W-14(Re-Entry), 660' FSL, 660' FWL,  
SW SW, SEC. 17, T.41 S., R.24 E., San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to re-enter and drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-15727.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza  
Associate Director

ls

Enclosures

cc: San Juan County Assessor  
Bureau of Land Management, Moab District Office



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.

14-20-603-353

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 17-W-14

9. API Well No.

43-037-15727

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator MOBIL PRODUCING TX & NM INC.\*

\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702 (915) 688-2585

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

SEC. 17, T41S, R24E  
(SW/SW) 660' FSL & 660' FWL

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

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

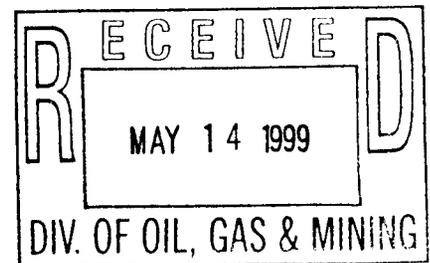
TYPE OF ACTION

- Abandonment  Change of Plans  
 Recompletion  New Construction  
 Plugging Back  Non-Routine Fracturing  
 Casing Repair  Water Shut-Off  
 Altering Casing  Conversion to Injection  
 Other MIT CHART  Dispose Water

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

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

SEE ATTACHED CHART.



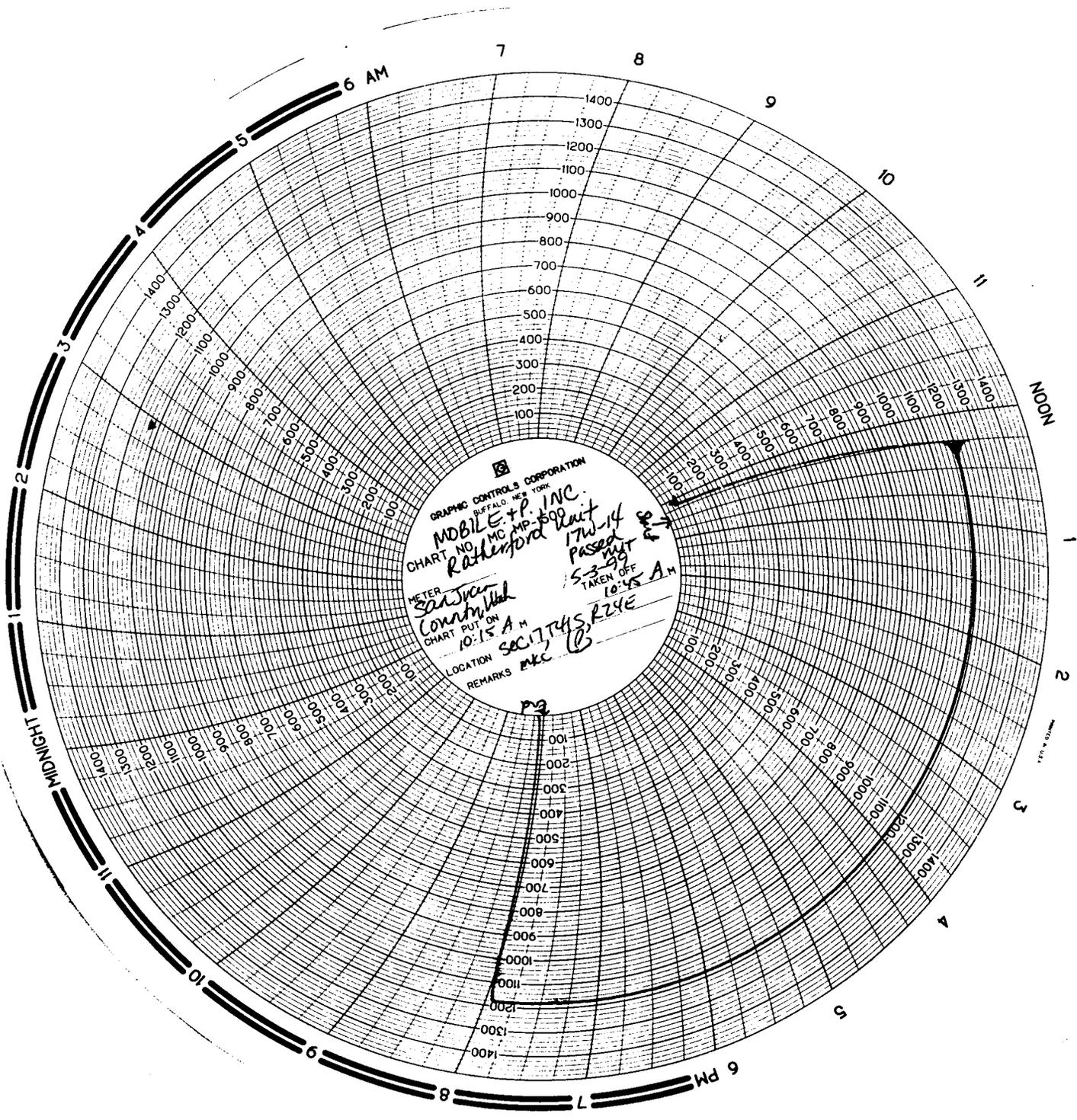
14. I hereby certify that the foregoing is true and correct

Signed Shirley Houchins Title SHIRLEY HOUCHINS/ENV & REG TECH Date 5-12-99

(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.



GRAPHIC CONTROLS CORPORATION  
 BUFFALO, NEW YORK  
 MOBILE + P. INC.  
 CHART NO. MC MP-500  
 Rathenford Unit  
 17th-14  
 Passed  
 5-3-59  
 TAKEN OFF  
 10:45 AM  
 METER  
 San Juan  
 Conroy  
 CHART PUT ON  
 10:15 AM  
 LOCATION  
 SEC 17 T4 S, R24 E  
 REMARKS  
 mck (B)

P3

GRAPHIC CONTROLS CORPORATION

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau 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 type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <span style="float: right;"><b>INJECTOR</b></span>		5. Lease Serial No. <b>14-20-603-353</b>
2. Name of Operator <b>MOBIL PRODUCING TX &amp; NM INC.* *MOBIL EXPLORATION &amp; PRODUCING US INC. AS AGENT FOR MPTM</b>		6. If Indian, Allottee or Tribe Name <b>NAVAJO TRIBAL</b>
3a. Address <b>P.O. Box 633, Midland TX 79702</b>	3b. Phone No. (include area code) <b>(915) 688-2585</b>	7. If Unit or CA/Agreement, Name and/or No. <b>RATHERFORD UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SEC. 17, T41S, R24E SW/SW 660' FSL &amp; 660' FWL</b>		8. Well Name and No. <b>RATHERFORD                      17-W-14</b>
		9. API Well No. <b>43-037-15727</b>
		10. Field and Pool, or Exploratory Area <b>GREATER ANETH</b>
		11. County or Parish, State <b>SAN JUAN                      UT</b>

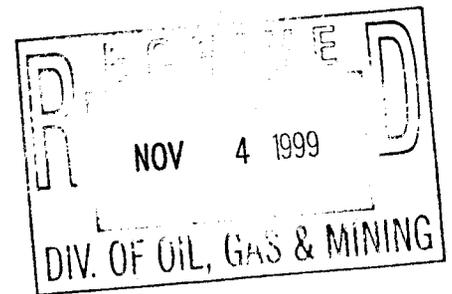
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input 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>SIDETRACK</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 recomplete 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 recompletion 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 final site is ready for final inspection.)

**PLEASE CANCEL INTENT APPROVED 1-7-98 TO ADD TWO HORIZONTAL LATERALS.**

**BHL: LATERAL #1 1029' NORTH & 1226' WEST F/SURFACE SPOT. (ZONE 1a).  
LATERAL #2 1132' SOUTH & 1132' EAST F/SURFACE SPOT. (ZONE 1a).**



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	Title <b>SHIRLEY HOUCHINS/ENV &amp; REG TECH</b>
<i>Shirley Houchins</i>	Date <b>11-02-99</b>

**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, 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.

**ExxonMobil Production Comp:**  
U.S. West  
P.O. Box 4358  
Houston, Texas 77210-4358

June 27, 2001

**ExxonMobil**  
*Production*

Mr. Jim Thompson  
State of Utah, Division of Oil, Gas and Mining  
1549 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

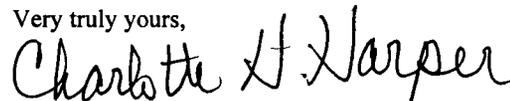
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,



Charlotte H. Harper  
Permitting Supervisor

ExxonMobil Production Company  
a division of Exxon Mobil Corporation,  
acting for ExxonMobil Oil Corporation

RECEIVED

JUN 27 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Navajo Area Office  
NAVAJO REGION

P.O. Box 1060  
Gallup, New Mexico 87305-1060

**AUG 30 2001**

IN REPLY REFER TO:

RRES/543

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

Charlotte H. Harper, Permitting Supervisor  
Exxon Mobil Production Company  
U. S. West  
P. O. Box 4358  
Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

**GENNI DENETSONE**

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures ✓  
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES	
ADM	<i>AG/MC</i>
NATV ADMIN COORD	
SOLID MIN TEAM	
PETRO MENT TEAM <i>2</i>	
O & G INSPECT TEAM	
ALL TEAM LEADERS	
LAND RESOURCES	
ENVIRONMENT	
FILES	

**ExxonMobil Production Company**  
U.S. West  
P.O. Box 4358  
Houston, Texas 77210-4358

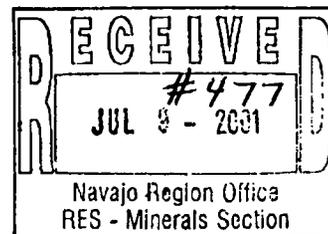
*By 7/12/2001*  
*GN*  
*543*  
*File*

June 27, 2001

**ExxonMobil**  
Production

Certified Mail  
Return Receipt Requested

Ms. Genni Denetsone  
United States Department of the Interior  
Bureau of Indian Affairs, Navajo Region  
Real Estate Services  
P. O. Box 1060  
Gallup, New Mexico 87305-1060  
Mail Code 543



Change of Name –  
Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

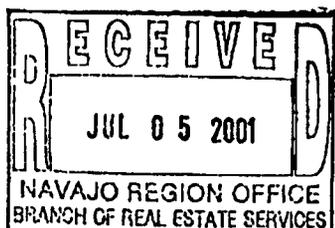
If you have any questions , please contact Alex Correa at (713) 431-1012.

Very truly yours,

*Charlotte H. Harper*

Charlotte H. Harper  
Permitting Supervisor

Attachments



ExxonMobil Production Company  
a division of Exxon Mobil Corporation,  
acting for ExxonMobil Oil Corporation

*NOTE: Check forwarded to Ella Jassi*

Bureau of Indian Affairs  
Navajo Region Office  
Attn: RRES - Mineral and Mining Section  
P.O. Box 1060  
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

OFFICERS

President	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Vice President	<u>K.T. Koonce</u>	Address <u>800 Bell Street Houston, TX 77002</u>
Secretary	<u>F.L. Reid</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Treasure	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

DIRECTORS

Name	<u>D.D. Humphreys</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>P.A. Hanson</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>T.P. Townsend</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>B.A. Maher</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>F.A. Risch</u>	Address	<u>5959 Las Colinas Blvd. Irving, TX 75039</u>

Sincerely,



Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is true and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800) 927-9800 whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218



Signature

AGENT AND ATTORNEY IN FACT

Title

**CERTIFICATION**

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

**CHANGE OF COMPANY NAME**

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

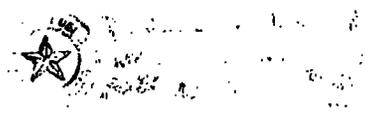
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Milligan  
Assistant Secretary

COUNTY OF DALLAS )  
STATE OF TEXAS )  
UNITED STATES OF AMERICA )

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.

Janice M. Phillips  
Notary Public



**LISTING OF LEASES OF MOBIL OIL CORPORATION****Lease Number**

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

6/1/01

# CHUBB GROUP OF INSURANCE COMPANIES

World Center One South, Suite 1900, Houston, Texas 77027-3307  
Telephone: (713) 237-4600 • Facsimile: (713) 237-4750

*NW Bond*

**FEDERAL INSURANCE COMPANY RIDER**  
to be attached to and form a part of

**BOND NO 8027 31 97**

wherein

**Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is**  
named as Principal and

**FEDERAL INSURANCE COMPANY AS SURETY,**

**in favor of United States of America, Department of the Interior**  
**Bureau of Indian Affairs**

**in the amount of \$150,000.00**

**bond date: 11/01/65**

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001  
the name of the Principal is changed

**FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.**

**TO : ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12<sup>th</sup> of June, 2001.

ExxonMobil Oil Corporation

By :



FEDERAL INSURANCE COMPANY

By:



Mary Pierson, Attorney-in-fact



POWER OF ATTORNEY

Federal Insurance Company  
Vigilant Insurance Company  
Pacific Indemnity Company

Attn.: Surety Department  
15 Mountain View Road  
Warren, NJ 07059

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint R. F. Bobo, Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas-----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

*Kenneth C. Wendel*  
Kenneth C. Wendel, Assistant Secretary

*Frank E. Robertson*  
Frank E. Robertson, Vice President

STATE OF NEW JERSEY )  
County of Somerset ) ss.

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and that the signature of said Notary Public is in the genuine handwriting of said Notary Public in the presence of said Notary Public.



Notary Public State of New Jersey  
No. 2231647  
Commission Expires Oct 28, 2004

*Karen A. Price*  
Notary Public

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001



*Kenneth C. Wendel*  
Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

5184334741

06/01 '01 08:46 NO.410 03/05

CSC

06/01 '01 09:06 NO.135 02/04

F010601000187

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION  
OF  
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

**FIRST:** That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York.

**SECOND:** That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

**THIRD:** That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st: The corporate name of said Company shall be,  
ExxonMobil Oil Corporation",

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

CSC  
CSC

5184334741

06/01 '01 08:47 NO.410 04/05  
06/01 '01 09:06 NO.133 03/04

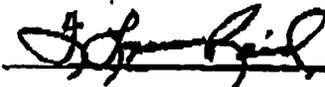
FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.

  
\_\_\_\_\_  
F. A. Ritoh, President 

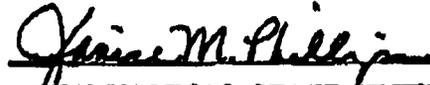
STATE OF TEXAS        )  
COUNTY OF DALLAS    )

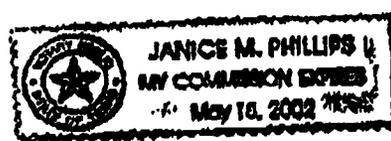
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

  
\_\_\_\_\_  
F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL]

  
\_\_\_\_\_  
NOTARY PUBLIC, STATE OF TEXAS



CSC  
CSC

5184334741

06/01 '01 09:01 NO.411 02/02  
06/01 '01 09:06 NO.157 04/04  
**F010601000187**

**CSC 45**

**CERTIFICATE OF AMENDMENT**

**OF**

**MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

*SAC*

**STATE OF NEW YORK  
DEPARTMENT OF STATE**

*100 cc*

Filed by: EXXONMOBIL CORPORATION  
(Name)

FILED JUN 01 2001

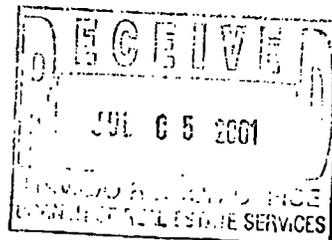
5959 Las Colinas Blvd.  
(Mailing address)

TAX \$ \_\_\_\_\_  
BY: *SAC*

Irving, TX 75039-2298  
(City, State and Zip code)

*ny Albany*

*Cust Ref # 165578 MPJ*



**010601000195**

State of New York }  
Department of State } ss:

*I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.*

Witness my hand and seal of the Department of State on **JUN 01 2001**



A handwritten signature in black ink, appearing to read "J. H. ...", written over a horizontal line.

*Special Deputy Secretary of State*

**OPERATOR CHANGE WORKSHEET**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective: <b>06-01-2001</b>	
<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

**CA No. Unit: RATHERFORD**

WELL(S)	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO A-9 (RATHERFORD 16W23)	16-41S-24E	43-037-15722	99990	INDIAN	WI	A
NAVAJO A-12 (RATHERFORD 16W21)	16-41S-24E	43-037-16414	99990	INDIAN	WI	A
RATHERFORD 16W43	16-41S-24E	43-037-16415	99990	INDIAN	WI	A
RATHERFORD 17-W-12	17-41S-24E	43-037-15726	6280	INDIAN	WI	A
17-14	17-41S-24E	43-037-15727	6280	INDIAN	WI	A
RATHERFORD 17-W-23	17-41S-24E	43-037-15728	6280	INDIAN	WI	A
17-32	17-41S-24E	43-037-15729	6280	INDIAN	WI	A
17-34	17-41S-24E	43-037-15730	6280	INDIAN	WI	A
17-41	17-41S-24E	43-037-15731	6280	INDIAN	WI	I
RATHERFORD 17-W-21	17-41S-24E	43-037-16416	99990	INDIAN	WI	A
RATHERFORD 17W43	17-41S-24E	43-037-16417	99990	INDIAN	WI	A
RATHERFORD 18-W-14	18-41S-24E	43-037-15735	6280	INDIAN	WI	A
18-W-32	18-41S-24E	43-037-15736	6280	INDIAN	WI	A
RATHERFORD 18-W-34	18-41S-24E	43-037-15737	6280	INDIAN	WI	A
DESERT A-4 (RATHERFORD 18W41)	18-41S-24E	43-037-15738	99990	INDIAN	WI	A
DESERT A-3 (RATHERFORD 18-W-21)	18-41S-24E	43-037-16418	99990	INDIAN	WI	A
18-23	18-41S-24E	43-037-30244	6280	INDIAN	WI	A
RATHERFORD U 18-W-12 (SDTRK)	18-41S-24E	43-037-31153	6280	INDIAN	WI	A
RATHERFORD UNIT 18-W-43B	18-41S-24E	43-037-31718	6280	INDIAN	WI	A
RATHERFORD U 19-W-12	19-41S-24E	43-037-15739	6280	INDIAN	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**NOTE: EPA ISSUES UIC PERMIT**

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 04/11/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/11/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: N/A

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 80273197

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

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Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		<b>6/1/2006</b>
<b>FROM:</b> (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936	<b>TO:</b> ( New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600	
<b>CA No.</b>	<b>Unit:</b>	<b>RATHERFORD (UIC)</b>

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted on: \_\_\_\_\_
- 6a. (R649-9-2)Waste Management Plan has been received on: requested
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: ok
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 6/22/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 6/22/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: n/a
2. Indian well(s) covered by Bond Number: PA002769
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See attached list	API Number Attached
Location of Well Footage: See attached list County: San Juan	Field or Unit Name Rutherford Unit
QQ, Section, Township, Range: State: UTAH	Lease Designation and Number See attached list

EFFECTIVE DATE OF TRANSFER: 6/1/2006

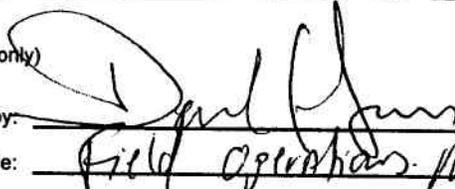
CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: \_\_\_\_\_  
Address: PO Box 4358 Signature: \_\_\_\_\_  
city Houston state TX zip 77210-4358 Title: \_\_\_\_\_  
Phone: (281) 654-1936 Date: \_\_\_\_\_  
Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory  
Address: 1675 Broadway, Suite 1950 Signature:   
city Denver state CO zip 80202 Title: Regulatory Coordinator  
Phone: (303) 534-4600 Date: 4/20/2006  
Comments: A list of affected UIC wells is attached.  
New bond numbers for these wells are:  
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by:   
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

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APR 24 2006

DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribe
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Unit Agreement</u>		7. UNIT or CA AGREEMENT NAME: Ratherford Unit
2. NAME OF OPERATOR: Resolute Natural Resources Company <u>N2700</u>		8. WELL NAME and NUMBER: See attached list
3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 534-4600	9. API NUMBER: Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See attached list</u>		10. FIELD AND POOL, OR WILDCAT: Greater Aneth
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		COUNTY: <u>San Juan</u>
		STATE: <u>UTAH</u>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the Ratherford Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the Ratherford Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT) <u>Dwight E Malloy</u>	TITLE <u>Regulatory Coordinator</u>
SIGNATURE	DATE <u>4/20/2006</u>

(This space for State use only)

**APPROVED** 6127106  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

**RECEIVED**  
**APR 24 2006**  
DIV. OF OIL, GAS & MINING

(5/2000)

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>Ship Rock</b>
		7. UNIT or CA AGREEMENT NAME: <b>UTU68931A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>	8. WELL NAME and NUMBER: <b>Ratherford</b>	
2. NAME OF OPERATOR: <b>ExxonMobil Oil Corporation</b> <i>N1855</i>		9. API NUMBER: <b>attached</b>
3. ADDRESS OF OPERATOR: <b>P.O. Box 4358</b> CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77210-4358</b>	PHONE NUMBER: <b>(281) 654-1936</b>	10. FIELD AND POOL, OR WILDCAT: <b>Aneth</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE:		COUNTY: <b>San Juan</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, Ratherford lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of injection wells included in the transfer.

NAME (PLEASE PRINT) Laurie Kilbride TITLE Permitting Supervisor

SIGNATURE *Laurie S. Kilbride* DATE 4/19/2006

(This space for State use only) **APPROVED** 6/27/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
(See Instructions on Reverse Side)

RECEIVED  
APR 21 2006

**GREATER ANETH FIELD UIC WELL LIST**  
**Ratherford lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
RATHERFORD UNIT	1W24	430371583900S1	Shut-in	14-20-603-246A	NE	SE	1	41S	23E	0651FSL	3300FEL
RATHERFORD UNIT	2W44	430371638600S1	Active	14-20-603-246A	SE	SE	2	41S	23E	0810FSL	0510FEL
RATHERFORD UNIT	11W42	430371584100S1	Active	14-20-603-246A	SE	NE	11	41S	23E	3290FSL	4617FWL
RATHERFORD UNIT	11W44	430371584200S1	Shut-in	14-20-603-246A	SE	SE	11	41S	23E	0660FSL	0558FEL
RATHERFORD UNIT	12W11	430371584300S1	Active	14-20-603-246A	NW	NW	12	41S	23E	0678FNL	4620FEL
RATHERFORD UNIT	12W13	430371640400S1	Active	14-20-603-246A	NW	SW	12	41S	23E	1980FSL	4620FEL
RATHERFORD UNIT	12W22	430371584501S1	Active	14-20-603-246A	SE	NW	12	41S	23E	1920FNL	2080FWL
RATHERFORD UNIT	12W24	430373115101S1	Active	14-20-603-246A	SE	SW	12	41S	23E	0775FSL	1980FWL
RATHERFORD UNIT	12W31	430371584700S1	Active	14-20-603-246A	NW	NE	12	41S	23E	0661FNL	1981FEL
RATHERFORD UNIT	12W33	430371584800S1	Active	14-20-603-246A	NW	SE	12	41S	23E	1958FSL	3300FEL
RATHERFORD UNIT	12W42	430371585000S1	Active	14-20-603-246A	SE	NE	12	41S	23E	3275FSL	0662FEL
RATHERFORD UNIT	12W44A	430373154300S1	Shut-in	14-20-603-246A	SE	SE	12	41S	23E	0772FSL	0807FEL
RATHERFORD UNIT	13W11	430373115201S1	Active	14-20-603-247A	NW	NW	13	41S	23E	0500FNL	0660FWL
RATHERFORD UNIT	13W13	430371585100S1	Active	14-20-603-247A	NW	SW	13	41S	23E	1980FSL	4620FEL
RATHERFORD UNIT	13W22	430371585200S1	Active	14-20-603-247A	SE	NW	13	41S	23E	1988FNL	3300FEL
RATHERFORD UNIT	13W24	430371585300S1	Active	14-20-603-247A	SE	SW	13	41S	23E	0660FSL	3300FEL
RATHERFORD UNIT	13W33	430371585501S1	Active	14-20-603-247A	NW	SE	13	41S	23E	1970FSL	1979FEL
RATHERFORD UNIT	13W42	430371585700S1	Shut-in	14-20-603-247A	SE	NE	13	41S	23E	2139FNL	0585FEL
RATHERFORD UNIT	13W44	430371640700S1	Active	14-20-603-247A	SE	SE	13	41S	23E	0653FSL	0659FEL
RATHERFORD UNIT	14-31	430373171700S1	Active	14-20-603-247A	NW	NE	14	41S	23E	0754FNL	1604FEL
RATHERFORD UNIT	14W42	430371586001S1	Active	14-20-603-247A	SE	NE	14	41S	23E	1976FNL	653FEL
RATHERFORD UNIT	24W31	430371586200S1	Shut-in	14-20-603-247A	NW	NE	24	41S	24E	0560FNL	1830FEL
RATHERFORD UNIT	24W42	430371586300S1	Shut-in	14-20-603-247A	SE	NE	24	41S	24E	1980FNL	0660FEL
RATHERFORD UNIT	17W12	430371572601S1	Active	14-20-603-353	SW	NW	17	41S	24E	1980FNL	510FWL
RATHERFORD UNIT	17W14	430371572700S1	Active	14-20-603-353	SW	SW	17	41S	24E	0610FSL	0510FWL
RATHERFORD UNIT	17W21	430371641601S1	Active	14-20-603-353	NE	NW	17	41S	24E	0510FNL	1830FWL
RATHERFORD UNIT	17W23	430371572801S1	Active	14-20-603-353	NE	SW	17	41S	24E	1880FSL	1980FWL
RATHERFORD UNIT	17W32	430371572900S1	TA'd	14-20-603-353	SW	NE	17	41S	24E	1830FNL	2030FEL
RATHERFORD UNIT	17W34	430371573000S1	Active	14-20-603-353	SW	SE	17	41S	24E	0560FSL	1880FEL
RATHERFORD UNIT	17W41	430371573100S1	Shut-in	14-20-603-353	NE	NE	17	41S	24E	0610FNL	0510FEL
RATHERFORD UNIT	17W43	430371641701S1	Active	14-20-603-353	NE	SE	17	41S	24E	1980FSL	0660FEL
RATHERFORD UNIT	18-43B	430373171801S1	Active	14-20-603-353	NE	SE	18	41S	24E	2023FSL	0651FEL
RATHERFORD UNIT	18W12	430373115301S1	Active	14-20-603-353	SW	NW	18	41S	24E	1980FNL	560FWL
RATHERFORD UNIT	18W14	430371573501S1	Active	14-20-603-353	SW	SW	18	41S	24E	0810FSL	0600FWL
RATHERFORD UNIT	18W21	430371641801S1	Active	14-20-603-353	NE	NW	18	41S	24E	660FNL	1882FWL
RATHERFORD UNIT	18W23	430373024400S1	Shut-in	14-20-603-353	NE	SW	18	41S	24E	2385FSL	2040FWL
RATHERFORD UNIT	18W32	430371573601S1	Active	14-20-603-353	SW	NE	18	41S	24E	2140FNL	1830FEL
RATHERFORD UNIT	18W34	430371573701S1	Active	14-20-603-353	SW	SE	18	41S	24E	780FSL	1860FEL
RATHERFORD UNIT	18W41	430371573800S1	TA'd	14-20-603-353	NE	NE	18	41S	24E	0660FNL	0660FEL
RATHERFORD UNIT	19-12	430371573901S1	Active	14-20-603-353	SW	NW	19	41S	24E	1980FNL	0600FWL
RATHERFORD UNIT	19-32	430371574301S1	Active	14-20-603-353	SW	NE	19	41S	24E	2717FNL	2802FEL
RATHERFORD UNIT	19-34	430371574401S1	Active	14-20-603-353	SW	SE	19	41S	24E	0660FSL	1980FEL
RATHERFORD UNIT	19W21	430371574100S1	Shut-in	14-20-603-353	NE	NW	19	41S	24E	0660FNL	1860FWL
RATHERFORD UNIT	19W23	430371574200S1	Shut-in	14-20-603-353	NE	SW	19	41S	24E	2080FSL	1860FWL
RATHERFORD UNIT	19W43	430371642000S1	Shut-in	14-20-603-353	NE	SE	19	41S	24E	1980FSL	0760FEL
RATHERFORD UNIT	20-12	430371574601S1	Active	14-20-603-353	SW	NW	20	41S	24E	0709FNL	0748FEL
RATHERFORD UNIT	20-14	430371574701S1	Active	14-20-603-353	SW	SW	20	41S	24E	0660FSL	0660FWL
RATHERFORD UNIT	20-32	430371574901S1	Active	14-20-603-353	SW	NE	20	41S	24E	0037FNL	0035FWL
RATHERFORD UNIT	20-34	430371575001S1	Active	14-20-603-353	SW	SE	20	41S	24E	0774FNL	0617FWL
RATHERFORD UNIT	20-67	430373159000S1	Active	14-20-603-353	NE	SW	20	41S	24E	2629FSL	1412FWL
RATHERFORD UNIT	20W21	430371642300S1	Active	14-20-603-353	NE	NW	20	41S	24E	0660FNL	1880FWL
RATHERFORD UNIT	20W23	430371574800S1	Active	14-20-603-353	NW	SW	20	41S	24E	2080FSL	2120FWL
RATHERFORD UNIT	20W41	430371575100S1	Active	14-20-603-353	NE	NE	20	41S	24E	0660FNL	0660FEL
RATHERFORD UNIT	20W43	430371642400S1	TA'd	14-20-603-353	NE	SE	20	41S	24E	2070FSL	0810FEL
RATHERFORD UNIT	16W12	430371572000S1	Active	14-20-603-355	SW	NW	16	41S	24E	1880FNL	0660FWL

**GREATER ANETH FIELD UIC WELL LIST**  
**Ratherford lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
RATHERFORD UNIT	16W14	430371572100S1	Shut-in	14-20-603-355	SW	SW	16	41S	24E	0660FSL	0660FWL
RATHERFORD UNIT	16W21	430371641400S1	Active	14-20-603-355	NE	NW	16	41S	24E	0660FNL	1880FWL
RATHERFORD UNIT	16W23	430371572201S1	Active	14-20-603-355	NE	SW	16	41S	24E	1980FSL	1980FWL
RATHERFORD UNIT	16W43	430371641501S1	Active	14-20-603-355	NE	SE	16	41S	24E	2140FSL	0820FEL
RATHERFORD UNIT	21-14	430371575301S1	Active	14-20-603-355	SW	SW	21	41S	24E	0660FSL	0460FWL
RATHERFORD UNIT	21-67	430373175301S1	Active	14-20-603-355	NE	SW	21	41S	24E	2560FSL	1325FWL
RATHERFORD UNIT	21W21	430371642501S1	Active	14-20-603-355	NE	NW	21	41S	24E	0660FNL	2030FWL
RATHERFORD UNIT	6W14	430371598400S1	Active	14-20-603-368	NE	SE	6	41S	24E	0660FSL	0660FWL
RATHERFORD UNIT	7W12	430371598500S1	Active	14-20-603-368	NE	SE	7	41S	24E	2140FNL	0585FWL
RATHERFORD UNIT	7W14	430371598600S1	Active	14-20-603-368	NE	SE	7	41S	24E	1065FSL	0660FWL
RATHERFORD UNIT	7W21	430371639400S1	Active	14-20-603-368	NE	NW	7	41S	24E	0710FNL	1820FWL
RATHERFORD UNIT	7W34	430371598900S1	Active	14-20-603-368	SW	SE	7	41S	24E	0710FSL	2003FEL
RATHERFORD UNIT	7W43	430371639500S1	Active	14-20-603-368	NE	SE	7	41S	24E	2110FSL	0660FEL
RATHERFORD UNIT	8W14	430371599200S1	Active	14-20-603-368	SW	NE	8	41S	24E	0745FSL	0575FWL
RATHERFORD UNIT	10W43	430371640300S1	TA'd	14-20-603-4037	NE	SE	10	41S	24E	1980FSL	0550FEL
RATHERFORD UNIT	29-12	430371533701S1	Active	14-20-603-407	SW	NW	29	41S	24E	2870FNL	1422FWL
RATHERFORD UNIT	29-32	430371533901S1	Active	14-20-603-407	SW	NE	29	41S	24E	0694FNL	0685FWL
RATHERFORD UNIT	29W21	430371643200S1	Active	14-20-603-407	NE	NW	29	41S	24E	0667FNL	2122FWL
RATHERFORD UNIT	29W41	430371643300S1	Active	14-20-603-407	NE	NE	29	41S	24E	0557FNL	0591FEL
RATHERFORD UNIT	29W43	430371643400S1	Shut-in	14-20-603-407	NE	SE	29	41S	24E	1980FSL	0660FEL
RATHERFORD UNIT	30W41	430371534300S1	Shut-in	14-20-603-407	NE	NE	30	41S	24E	0660FNL	0660FEL
RATHERFORD UNIT	28-12	430371533601S1	Active	14-20-603-409	SW	SE	28	41S	24E	2121FNL	0623FWL
RATHERFORD UNIT	28W21	430371643100S1	Shut-in	14-20-603-409	NE	NW	28	41S	24E	0660FNL	2022FWL
RATHERFORD UNIT	9W23	430371639800S1	Active	14-20-603-5046	NW	SE	9	41S	24E	1980FSL	1980FWL

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-353
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO  <b>7. UNIT or CA AGREEMENT NAME:</b> RATHERFORD
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<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> 17-14
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<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES	<b>9. API NUMBER:</b> 43037157270000
-----------------------------------------------------------	-----------------------------------------

<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535	<b>PHONE NUMBER:</b> 303 534-4600 Ext	<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FSL 0660 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 17 Township: 41.0S Range: 24.0E Meridian: S	<b>COUNTY:</b> SAN JUAN  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>10/10/2014</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Resolute Natural Resources respectfully submits this sundry as notice of acidizing the above well. Attached are the procedure and schematic

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining**

Date: October 07, 2014

By: Derek Duff

<b>NAME (PLEASE PRINT)</b> Erin Joseph	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/7/2014

# RATHERFORD UNIT # 17W-14

GREATER ANETH FIELD

660' FSL & 660' FWL

SEC 17-T41S-R24E

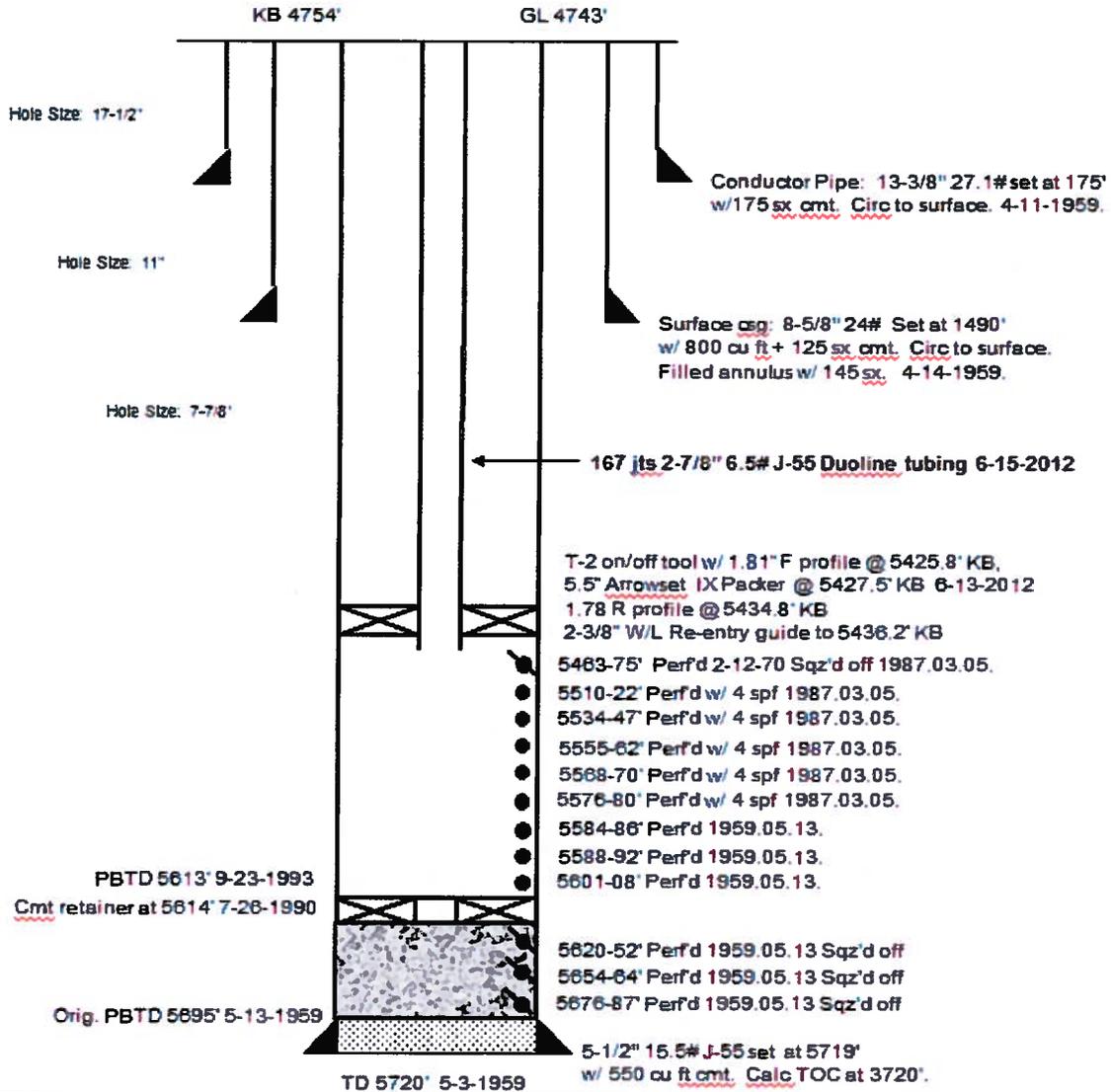
SAN JUAN COUNTY, UTAH

API 43-037-15727

PRISM 0043156

## INJECTOR

Capacities:	bbbl/ft	gal/ft	cuft/ft
2-7/8" 6.5#	00579	2431	0325
5-1/2" 14#	0244	1,0249	1370
5-1/2" 15.5#	0238	9997	1336
2-7/8" 5.5" 14#	0164	6877	0919
2-7/8" 5.5" 15.5#	0158	6625	0886



# RESOLUTE

## NATURAL RESOURCES

### RU Injection Wells Bullhead Acid Treatments

Well Summary Table									
RU Well No.	Well Type	Current BWIPD @ TP	Current Pattern BOPD	Tbg - Csg Sizes	Tubing Run Date	Last Acid	Bbls Wtr Displ After Acid	Comment	
1	12W-33	Vertical	909 @ 2910	160	2-3/8 - 4	Dec 2013	Nov 2013	30	
2	29W-32	Sgl Lateral	717 @ 3000	137	2-3/8 - 4	Jul 2013	Jun 2013	30	
3	12W-22	Tri Lateral	1045 @ 2950	129	2-3/8 - 5-1/2	Feb 1997	Feb 1997	40	
4	14W-42	Sgl Lateral	1598 @ 2950	123	2-3/8 - 4	Nov 2011	Mar 2013	30	
5	17W-14	Vertical	2402 @ 2710	104	2-7/8 - 5-1/2	Jun 2012	Oct 2006	45	
6	13W-11	Quad Lateral	892 @ 2850	101	2-7/8 - 7	Jun 2007	< 2000	45	
7	21W-14	Dual Lateral	1006 @ 2950	44	2-7/8 - 5-1/2	Jun 2003	Oct 2006	45	Tubing crmtd in csg Jul 2003.
8	19W-12	Tri Lateral	2295 @ 2610	44	2-3/8 - 5-1/2	Sept 1997	Sept 1997	45	
9	9W-23	Vertical	1461 @ 2800	32	2-3/8 - 5-1/2	Jul 1998	Aug 2007	35	
10	16W-23	Dual Lateral	1003 @ 3000	61	2-7/8 - 5-1/2	Dec 2007	Oct 2006	45	

### Procedure

#### Horsley Witten: **Not Applicable**

1. Check crown valve & wing valve for integrity to ensure pump truck can rig up to well. (All wells checked by 10-2-14; New wing valves being installed at 12W-22, 14W-42 & 19W-12)
2. MIRU frac tank, manifold & hard line for flowback. RU ABC shower trailer.
3. Backflow the well for ~400 bbls or until significant gas appears, then shut in.
4. RU pumping equipment to wellhead & PT lines. Record TP, CP, Bradenhead P (BHP).
5. Pump 400 gal xylene, 2500 gal inhibited 15% HCl, produced water displacement (see table above). **Pump at maximum rate possible, staying under 3000 psi TP. Monitor CP and BHP while pumping.**
6. Rig down pumping equipment.
7. Notify Pierce Benally (435) 619-7227 that the well is ready to return to injection.
8. Open the well to injection; Record the initial injection rate and tubing pressure.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-603-353
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> NAVAJO
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> RATHERFORD
<b>2. NAME OF OPERATOR:</b> RESOLUTE NATURAL RESOURCES		<b>8. WELL NAME and NUMBER:</b> 17-14
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		<b>9. API NUMBER:</b> 43037157270000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FSL 0660 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 17 Township: 41.0S Range: 24.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> GREATER ANETH
		<b>COUNTY:</b> SAN JUAN
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/3/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Resolute Natural Resources submits this sundry as notice that the acidizing on the above well was completed on 11/3/2014 Please see attached activity summary for details

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
December 18, 2014**

<b>NAME (PLEASE PRINT)</b> Erin Joseph	<b>PHONE NUMBER</b> 303 573-4886	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/8/2014	



## Daily Activity Summary

Well Name: RU 17-14

API Number 4303715727		Section 17	Township 41S	Range 24E	Field Name Rutherford	County San Juan	State/Province Utah
Ground Elevation (ft) 4,740.00	Original KB Elevation (ft) 4,754.00	KB-Ground Distance (ft) 14.00		Regulatory Spud Date 4/11/1959 00:00	Rig Release Date/Time 5/13/1959 00:00	First Production Date	
Job Category Workover			Primary Job Type W/O Injection Well			I AFE Number	
Start Date 11/3/2014			End Date 11/3/2014			Total AFE Amount (Cost)	
Objective Job Scope: Backflow the well, RU to weilhead and pump 400 gals xylene or specified solvent, ~2500 gal 15% inhibited HCl acid, and displacement water. Return to injection.							
Contractor			Rig Number		Rig on Report Date		Rig off report date
Report Number	Start Date	End Date	Summary				
1	11/3/2014 09:00	11/3/2014 14:00	<p>FTP 2,600 psig, SICP 0 psig. Flowback tbg to flowback tank, flowed back 120 BPW. SWI @ 100 psig. ND piling, SITP 100 psig, SICP 0 psig, BH 0 psig. PT lines to 3,200 psig w/10 gal FW. Ppd 9.5 bbls xylene (400 gallons) @ 70 gal p/m @ 2,200 psig, and 1,323 gal of 20% HCL acid @ 107 gal p/m @ 2,750 psig, SD for 30 min. Xylene below tbg, continue to pump 1,177 gal of 20% HCL @ 107 gallons p/m @ 2,750 psig. After pumping total of 3,800 gal press drpd to 2,200 psig @ 107 gal p/m. Displaced w/45 BFW. ISIP 350 psig, press @ 0 for 5 - 15 min. Did not have any csg or BH increase during pumping operations. Put gauge on BH before pumping operations. Pumped 400 gal of Xylene, 2,500 gallons 20% HCL, and 1890 gal of FW displacement. Left well SI for 3 hours while watching CTU.</p> <p>Put well back on injection @ 1,060 bpd.</p>				