

See Report 1370 -

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. or operations suspended

SI 7-6-57

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

-
-
-
-
-
-
-
-
-

FILE NOTATIONS

Entered in NID File

X

Entered On S R Sheet

X

Location Map Pinned

X

Card Indexed

X

I W R for State or Fee Land

.....

Checked by Chief

X

Copy NID to Field Office

X

Approval Letter

X

Disapproval Letter

.....

COMPLETION DATA:

Date Well Completed 6-6-57

CW WV..... TA.....

OS..... FA.....

Location Inspected.....

Bond released State of Fee Land.....

LOGS FILED

Driller's Log

Electric Logs (No.) 2

E..... E-I GR..... GR-N Micro.....

Laf..... Mi-L..... Sonic..... Others.....

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS:

have file, Well Log 3 selective
12-1-83 Operator Name Change to Phillips Del. Co.

103004

DATE FILED **4-22-57** Nav-14-20-
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN **603-368**
 DRILLING APPROVED: **4-22-57**
 SPUDDED IN: **4-29-57**
 COMPLETED: **6-6-57**
 INITIAL PRODUCTION: **592 BOPD**
 GRAVITY A. P. I.

GOR:
 PRODUCING ZONES: **L. Bndry Butte: 5476-5627'**
 TOTAL DEPTH: **5677'**
 WELL ELEVATION: **4689 KB**

DATE ABANDONED:
 FIELD OR DISTRICT: ~~Ratherford~~ *Aneth*
 COUNTY: **San Juan**

WELL NO. **NAVAJO B-(4)12-7 (Ratherford 7-12) API-43-037-15985**
 LOCATION: **2140** FT. FROM (N) LINE, **585** FT. FROM (E) (W) LINE, **SW $\frac{1}{4}$ NW $\frac{1}{4}$** QUARTER - QUARTER SEC. **7**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				41 S	24 E	7	PHILLIPS Del. Co. ✓ SUPERIOR OIL COMPANY

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly " 2600'	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock 2734'	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaita tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafael Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa 4480'	Lynch
Wasatch	Curtis	Upper	Bowman
Colton	Entrade	Lower	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox 5442'	Tintic
Paleocene	Glen Canyon Gr.	A	PRE-CAMBRIAN
Current Creek	Navajo	B	
North Horn	Kayento	C	
CRETACEOUS	Wingate	Manning Canyon	U Bndry Butte: 5305'
Montana	TRIASSIC	Mississippian	L " " 5454'
Mesaverde	Chinle	Chainman shale	
Price River	Shinarump 2304'	Humbug	
Blackhawk	Moenkapi	Joana limestone	

Form 9-331 b
(April 1952)

(SUBMIT IN TRIPLICATE)

Indian Agency _____

Window Rock

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee **Navajo**

Lease No. **14-20-603-368**

X		7	

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)

April 22, 1957

Well No. **Navajo B-4** is located **2140** ft. from **N** line and **585** ft. from **W** line of sec. **7**

30 1/4 **30 1/4** **Sec. 7** **41S** **24E** **Salt Lake**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
North Desert Creek **San Juan County** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ^{Ground}~~derrick floor~~ above sea level is **4697** ft. ~~Unknown as yet.~~

DETAILS OF WORK

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

- Propose to drill well to test **Paradox limestone** to about **5750'**.
- Will set approx. **900'** of **10-3/4"** surface casing w/cement circulated to surface.
- Will set **20 & 2 1/2, J-55** casing through any commercial production encountered.

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

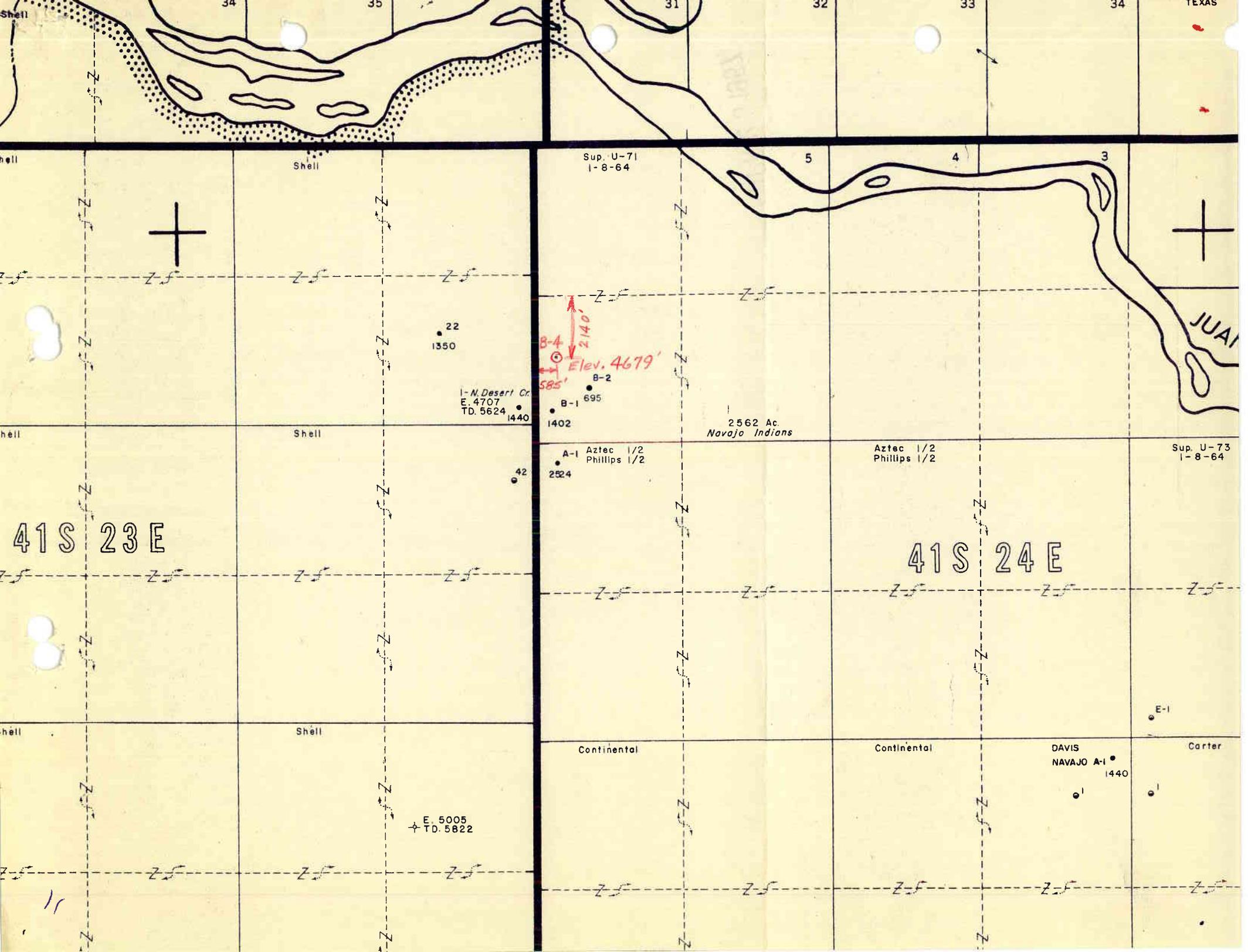
Company **The Superior Oil Company**

Address **P. O. Box 200**

Casper, Wyoming

By **George E. Nugent**

Title **Engineer**



TEXAS

34

35

31

32

33

34

Shell

Shell

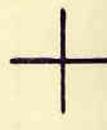
Sup. U-71
1-8-64

5

4

3

JUAN



22
1350

B-4
2140'
Elev. 4679'
585'
B-2
695
B-1
1402

1-N. Desert Cr.
E. 4707
TD. 5624
1440

2562 Ac.
Navajo Indians

A-1 Aztec 1/2
Phillips 1/2
2524

Aztec 1/2
Phillips 1/2

Sup. U-73
1-8-64

42

41S 23E

41S 24E

Shell

Shell

E-1

Continental

Continental

DAVIS
NAVAJO A-1
1440

Carter

E. 5005
TD. 5822

1r

April 23, 1957

The Superior Oil Company
P. O. Box 200
Casper, Wyoming

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo B-4, which is to be located 2140 feet from the north line and 585 feet from the west line of Section 7, Township 41 South, Range 24 East, SIEM, San Juan County, Utah.

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

GILSON B. FREIGHT
SECRETARY

CBF:cn

cc: Phil McGrath/ Mr. Long
USGS, Farmington,
New Mexico

8

<input checked="" type="checkbox"/>		7

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Book _____
Allottee Navajo
Lease No. 14-20-603-368

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

June 20, 1957

Well No. Navajo 24 is located 2140 ft. from N line and 585 ft. from W line of sec. 7

SW/4 NW/4 Sec. 7 (4 Sec. and Sec. No.) 41S (Twp.) 24E (Range) SLB&M (Meridian)
North Desert Creek (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the Kellyushing above sea level is 4689 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)

W50 #1
Perforated 5476' to 5477' and 5626' to 5627' with 4 jets per foot.
Open 1 hr. SI 30 minutes. Recovered 130' salt water. HWP 04/04,
SIP 04, Hyd. 25000

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

Company THE SUPERIOR OIL COMPANY

Address BOX 200

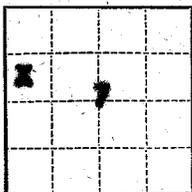
CASPER, WYOMING

By W.H. Fraser

Title DISTRICT ENGINEER

Form 9-331b
(April 1952)

(SUBMIT IN TRIPLICATE)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Window Rock
Allottee Navajo
Lease No. 14-29-603-368

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

June 20, 1957

Well No. Navajo 2-4 is located 2140 ft. from N line and 585 ft. from W line of sec. 7

SW/4 NW/4 Sec. 7 41S 24E S128M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
North Desert Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

Nelly Dushing
The elevation of the ~~surface~~ above sea level is 4689 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)

Perforations: 5476' to 5485', 5489' to 5500', 5524' to 5596', 5606' to 5611' and 5619' to 5627'.

ACID JOB #1

Washed perforations with 500 gals mud acid. Max. press. 6000#/10000#. Flowed 78.72 bbls. in 3 hrs thru 1 9/64" choke, press. 5400#/7hr.

ACID PETROBRAC #1

Pumped 10,000 gals acid petrobrac and 10,000# sand into formation. Max. press. 6000#/3000#. Flushed with 40 bbls oil. Min. and final press. 2800#/2800#.

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

Company The Superior Oil Company

Address P. O. Box 200

Casper, Wyoming

By W.H. Frace

Title District Engineer

(SUBMIT IN TRIPLICATE)

X		7	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock
Allottee Navajo
Lease No. 14-20-603-368

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	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	XXX
NOTICE OF INTENTION TO ABANDON WELL			

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

June 20, 19 57

Well No. Navajo B-4 is located 2140 ft. from N line and 585 ft. from EX line of sec. 7

SW/4 NW/4 Sec. 7 41S 24E SL&M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
North Desert Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

Kelly Dushing
The elevation of the wellhead above sea level is 4689 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 April 29, 1957. 10-3/4" cem. 844' with 400 sax.

DST #1 (5468' to 5551')
Open 2 hrs. SI 1 hr. Rec. 90' mud. SIP 2200#. Tool failed. Test no good.

DST #2 (5476' to 5555') Straddle Test
Open 2 hrs. SI 1 hr. OTS 26 min. Rec. 100' gas cut mud, 270' heavily oil & gas cut mud, 430' heavily mud & gas cut oil and 30' muddy water. BHFP 140# to 260#, SIP 1750#, Hyd. 3020#.

DST #3 (5556' to 5646')
Open 28 min. SI 45 min. OTS 3 min, MTS 21 min, OTS 25 min. Rec. 90' heavily mud & gas cut oil. BHFP 803# to 1170#. SI no good. Hyd. 2920#. (Over)
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Company

Address P. O. Box 200

Casper, Wyoming

By W.H.F. Case

Title District Engineer

Total Depth 5677'. PBTD 5640'.

7" Cem. 5677' w/700 sax.

Perforated 5476' to 5485', 5489' to 5500', 5524' to 5596', 5606' to 5611' and 5619' to 5627' w/6 jets per foot.

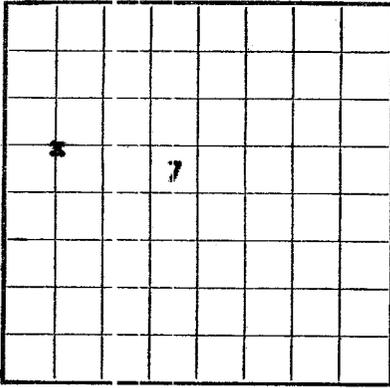
Washed perforations with 500 gals mud acid.

Acid petrofraced with 10,000# sand and 10,000 gals acid petrofrac.

Flowed 49.30 bbls in 2 hrs thru 21/64" choke, press 440#/0#, grav. 40.8, cut 0.6% BS&W. 24.65 BPH or 591.60 BPDR.

Completed June 6, 1957.

107



LOCATE WELL CORRECTLY

U. S. LAND OFFICE ~~Window Rock~~
SERIAL NUMBER ~~14-20-603-368~~
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Superior Oil Co Address Box 200 Casper, Wyoming
Lessor or Tract Navajo "B" Field No. Desert Creek State Utah
Well No. 11-4 Sec. 7 T. 41S R. 24E Meridian Salt Lake County San Juan
Location 2140 ~~XXXXXX~~ 11 Line and 585 ft. EX of W Line of Sec. 7 Elevation 4629 ~~FB~~
(Derrick floor relative to 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 W. H. France

Date June 20, 1957 Title District Engineer

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

Commenced drilling April 29, 1957, 19... Finished drilling June 6, 1957, 19...

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5476 to 5627 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose	
							From—	To—		
10-3/4"	12.75	8-11	Sals	364	Float				Surf zone	
7"	21.5	8-11	Sals	5677	Float				Production	
								5524	5596	
								5605	5611	
								5619	5627	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	344	400	Pump and Plug		
7"	5677	700	Pump and Plug		

PLUGS AND ADAPTERS

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

FOLD MARK

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 5677 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. 592 Gravity, °Bé. 99.4
 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
 _____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
2304			Shinerump
2600			McChelly
2734			Organ Rock
4480			Marmosa
5305			U. Boundary Butte
5442			Paradox Shale
5454			L. Boundary Butte
5677			Total Depth

FROM-

TO-

TOTAL FEET

[OVER]

FORMATION

16-43094-4

FORMATION RECORD - CONTINUING

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FORM 3-320

RECORD NUMBER 16-50-203-100

U. S. GEOLOGICAL SURVEY

WASHINGTON, D. C. 20508

102

GENERAL REPORT INDIVIDUAL WELL STATUS

Lease Ratherford Unit Well No. 7-12 Authorization No. _____ Expense _____
 Summary of Work Performed:

7/1/75 - Repair Casing Leak.

	AVERAGE DAILY PRODUCTION			
	Field and Formation	Oil	Gas	Water
Before Work	Greater Aneth Paradox Desert Creek Zone 1 & 2	50	0	2434
After Work	" " " " "	51	0	2430
Before Work				
After Work				

DATE _____ P.T.D. _____

DAILY REPORT OF WORK PERFORMED

1975
July
1

RATHERFORD UNIT NO. 7-12 PTD 5640 FT. /INITIAL REPORT./ PREP TO PULL PKR AND DRL CMT. MI AND RU R AND R WS UNIT 6/24/75. PULLED TBG AND REDA PMP. FOUND MUD DEPOSIT ON TBG 3000 FT FROM SURF TO BTM. BAILED MUD FROM WELL, WORKED BAILEYS TO BTM, BAILED 3 FT OF CAVINGS FROM BTM AND CO TO 5640 FT. INSTLD BOP, RAN TBG W/BIT AND CSG SCRAPER. TAGGED BTM AT 5621 FT. CIRC MUD OOH. DRLD CAVINGS 5621-5640 FT. COOH W/TBG AND BIT. WIH W/BAKER RETRIEVABLE BP AND PKR. SET BP AT 4994 FT. RU HOWCO TO LOCATE CSG LEAK. LOCATED LEAK AT 3402 FT. PMPD INTO LEAK 2/3 BPM AT 1500 LB. SPOTTED 1 SX SD ON BP. SET PKR AT 3297 FT. PRESS UP ON CSG TO 1000 LB. MIXED 50 SX CLASS B CMT W/.6 HALAD-9. DISPL CMT TO 3380 FT. M.P. 1600 LB, HOLDING PRESS 650 LB. SDON. AFE HAS NOT YET BEEN ISSUED TO LOCATE AND REPAIR CSG LEAK. LOCATION - 2140 FT FNL AND 585 FT FWL, SW/4 NW/4, SEC. 7-T41S-R24E, SAN JUAN CO., UTAH. SUB AREA CODE 626 DATE LAST PRODUCED 5/15/75. LAST TEST - 50 BOPD, 2434 BHPD. ELEV. 4689 FT RKB..

2

RATHERFORD UNIT NO. 7-12 PTD 5640. PREP TO TEST CSG. COOH W/PKR. WIH W/BIT AND CSG SCRAPER. DRLD CMT FROM 3346-3481 FT. START OOH W/TBG AND BIT..

3

RATHERFORD UNIT NO. 7-12 PTD 5640. PREP TO RUN PEDA PMP. FIN COOH W/TBG AND BIT. WIH W/BP RETRIEVING HEAD. WASHED 18 FT OF CAVINGS OFF BP. PRESS TSTD CSG TO 1100 LB, OK. COOH W/RETRIEVABLE BP..

4-7

RATHERFORD UNIT NO. 7-12 PTD 5640. PMPG. 7/4/75 - WIH W/TBG AND PEDA PMP. PMP INTAKE SET AT 5400 FT. RELEASED RIG 7/3/75. STARTED WELL TO PMPG. 7/5 THRU 7/7/75 - PMPG, NO GAUGE..

8

RATHERFORD UNIT NO. 7-12 PTD 5640. PMPD 24 HRS, REC 51 BO, 2430 BW. TSTG COMPLETE. WILL DROP FROM REPORT TOMORROW..

- 1 - Bville
- 1 - Denver
- 1 - File
- 1 - R. N. Hughes
- 1 - G. R. Hudson

11/17/75

Date Prepared

F. M. Morgan

District Approval

DAILY REPORT DETAILED

LEASE Ratherford Unit

WELL NO. 7-12

SHEET NO. 2

DATE
NATURE OF WORK

TOTAL
DEPTH
PERFORMED

1975
July

9

RATHERFORD UNIT NO. 7-12 PTD 5640. /FINAL REPORT SUMMARY/. MI AND RU R AND R WS UNIT 6/24/75. PULLED TBG AND REDA PMP. FOUND MUD DEPOSIT ON TBG 3000 FT FROM SURF TO BTM. BAILED MUD, WORKED BAILER TO BTM, BAILED 3 FT OF CAVINGS FROM BTM AND CO TO 5640 FT. INSTLD BOP, PAN TBG W/BIT AND CSG SCRAPER. TAGGED BTM AT 5621 FT. CIRC MUD OOH. DRLD CAVINGS FROM 5621-5640 FT. COOH W/TBG AND BIT. WIH W/BAKER RETRIEVABLE BP AND PKR. SET BP AT 4994 FT. PU HOVCO, LOCATED LEAK AT 3402 FT. PMPD INTO LEAK 2/3 BPM AT 1500 LR. SPOTTED 1 SX SAND ON BP. SET PKR AT 3297 FT. MIXED 50 SX CLASS "B" CMT W/.6 PERCENT HALAD -9, DISPL TO 3380 FT. M.P. 1600 LB, HOLDING PRESS 650 LB. PULLED PKR. WIH W/BIT AND CSG SCRAPER. DRLD CMT FROM 3346-3481 FT. COOH W/TBG AND BIT. WIH W/BP RETRIEVING HEAD. WASHED 18 FT OF CAVINGS OFF BP. PRESS TSTD CSG TO 1100 LB, OK. COOH W/PETRIEVABLE BP. WIH W/TBG AND REDA PMP. PMP INTAKE SET AT 5400 FT. RELEASED WS UNIT 7/3/75. STARTED WELL TO PMPG. NO AFE ISSUED TO LOCATE AND REPAIR CSG LEAK. DATE LAST PRODUCED 5/15/75. LAST TEST BEFORE JOB - 50 BO, 2434 BW. AFTER REPAIRING CSG, TEST OF 51 RO, 2430 RW. LOCATION - 2140 FT FNL AND 585 FT FWL, SW/4 NW/4, SEC. 7-T41S-P24E, SAN JUAN CO., UTAH. SUB AREA CODE 626. ELEV. 4689 FT RKB. /FINAL REPORT/..

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-368

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo - Tribal

7. UNIT AGREEMENT NAME

SW-1-4192

8. FARM OR LEASE NAME

Ratherford Unit

9. WELL NO.

7-12

10. FIELD AND POOL, OR WILDCAT

Greater Aneth-Paradox

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

7-415-24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

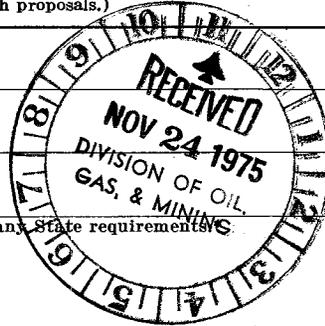
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Phillips Petroleum Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface 2140' FNL & 585' FVL (SW NW)



14. PERMIT NO.

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

4689' 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.)*

See Attached.

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

Original signed by:

SIGNED F. C. MORGAN
F. C. Morgan

TITLE Area Superintendent

DATE 11/17/75

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

- 3-USGS, Farmington, NM
- 2-Utah Geology, SLC, Utah
- 1-Superior Oil Co, Cortez, CO
- 1-File
- 1-R. N. Hughes

*See Instructions on Reverse Side

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 Tribe

7. UNIT AGREEMENT NAME
SW-I-4192

8. FARM OR LEASE NAME
Rutherford Unit

9. WELL NO.
7-12

10. FIELD AND POOL, OR WILDCAT
Greater Aneth Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7-41S-24E

12. COUNTY OR PARISH 13. STATE
San Juan Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Phillips Petroleum Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2140' FNL and 585' FWL (SW NW)

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4689' 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) **PB to Zone I and Acidize**
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS
X

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.)

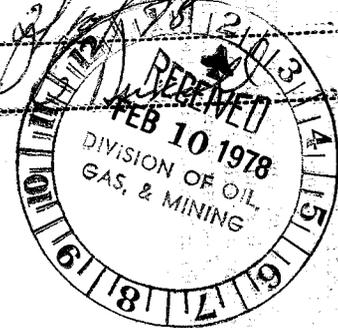
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Well is perforated in Zone I and Zone II (5520-5623 O.A.). Plan to squeeze cement lower Zone I and Zone II perfs. Will drill out cement and re-perforate lower Zone I. Will then acidize upper and lower Zone I perfs (5472-81, 5485-96, 5531-42), install pumping unit, and return to Zone I pumping.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: February 7, 1978

BY: [Signature]



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

SIGNED D. J. Fisher

TITLE **Operations Superintendent**

DATE **February 7, 1978**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

- 3 - USGS, Farmington, NM
- 2 - Utah Oil and Gas Cons. Comm.
- 1 - Superior Oil Co., Cortez, Colorado
- 1 - File

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Phillips Petroleum Company (Superior)</p> <p>3. ADDRESS OF OPERATOR P. O. Box 2920, Casper, Wyoming 82402</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2140' FWL & 565' FWL, SW 1/4</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. 14-22-402-252</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Savage - Tribal</p> <p>7. UNIT AGREEMENT NAME SW-1-4192</p> <p>8. FARM OR LEASE NAME Northfort Unit</p> <p>9. WELL NO. 7-32</p> <p>10. FIELD AND POOL, OR WILDCAT Crusher North</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7-2415-2521</p> <p>12. COUNTY OR PARISH Salt Lake</p> <p>13. STATE Utah</p>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 469' DEB

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) Plugback to Zone I & Isolation <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.)*

August 25 through September 21, 1978

Current squeezed Zone II Perfs 5520-5623' w/150 cc Class "B". Held out out to 5552'. Perforated Zone I 5512-5511'. Acidized w/three - 2000 gal stages of 20% HCL. Perforations 5532-5511' communicated w/Zone II. Set Baker Model K Out Retainer at 5510', now PWD. Current squeezed perforations 5532-5511' w/100 cc Class "B". Returned to Zone I Pumping.

SEE ATTACHED FOR COMPLETE DETAILS.



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

ORIGINAL SIGNED BY
SIGNED P. B. HAMMAKER TITLE Operations Superintendent DATE October 11, 1978
D. J. Fisher

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

- CONDITIONS OF APPROVAL, IF ANY:
- 3 - UICG, Farmington, New Mexico
 - 2 - UICG, Salt Lake City, Utah
 - 1 - Superior Oil Company, Casper, Wyoming
 - 1 - File

See Instructions on Reverse Side

1-B'Ville 1-Patterson
 1-Denver 1-Baysinger
 1-File

WELL REPORT INDIVIDUAL WELL STATIONS

Lease Ratherford Unit Well No. 7-12 Authorization No. AFE P-3376

Summary of Work Performed: August 15 thru September 25, 1978 -

Cmt sqzd Zone II Perfs 5520-5623' w/150 sx Class B. Drld out cmt to 5552'. Perforated Zone I 5532-5541'. Acidized w/three - 2000 gal stages of 28% HCL. Perfs 5532-5541' communicated w/Zone II. Set Baker Model K Cmt Retainer at 5510', new PBD. Cmt sqzd perfs 5532-5541' w/100 sx Class B. Returned to Pumping.

AVERAGE DAILY PRODUCTION

	Field and Formation	Oil	Gas	Water
Before Work	Desert Creek Greater Aneth - Zones I & II	Shut Down 7/13/77, Test Before 44	Test Before 39	SD - 2416
After Work	Desert Creek Greater Aneth - Zone I	14	NR	9
Before Work				
After Work				

DATE P.T.D.

DAILY REPORT OF WORK PERFORMED

1978
Aug
15

RATHERFORD UNIT NO. 7-12 PBD 5640. INITIAL REPORT. 8/13/78 - MI R AND R WS UNIT AT 12/30 PM, 8/12/78. RU AND SDON. 8/14/78 - SD FOR SUNDAY. 8/15/78 - PU AND TALLIED TBG. RAN GR-COLLAR LOG FROM 4800-5620 FT BY GO-INTL. STARTED IH W/BAKER RETRIEVAMATIC PKR, TBG TESTER, MECHANICAL COLLAR LOCATOR AND TBG. RAN TO 4895 FT. SDON. PREP TO FIN RNG TBG AND SQUEEZE ZONE II. AFE P-3376 ISSUED TO SQUEEZE ZONE II AND LOWER ZONE I PERFS. DRILL OUT LOWER ZONE I. ACIDIZE UPPER AND LOWER ZONE I PERFS. INSTALL PUMPING UNIT AND RETURN TO PRODUCTION. LOCATION - 2140 FT FNL AND 585 FT FWL, SW NW, SEC. 7-T41S-R24E, GREATER ANETH FIELD, SAN JUAN COUNTY, UTAH. ELEV. 4689 FT RKB. SUB AREA CODE 26. DATE LAST PRODUCED - SHUT DOWN 7/13/77. LAST TEST BEFORE SD - 44 BOPD, 2416 BWPD, 39 MCFGPD..

16

RATHERFORD UNIT NO. 7-12 PBD 5640. PREP TO DRILL CMT. FIN GIH W/TBG AND PKR. RAN PKR SEAL TO 5505 FT. PRESS TSTD TBG TO 3500 PSI. SET PKR, LOADED ANNULUS AND TOOK PUMP IN TEST. 5 BPM AT 1700 PSI. NO COMMUNICATION W/UPPER PERFS. PRESS ANNULUS TO 400 PSI. BLED DN TO 100 PSI IN 5 MIN. HOWCO MIXED AND PMPD 150 SX CLASS "B", 10 PERCENT SALT, 1-1/4 PERCENT CFR-2. CMT SQZD INTERVAL 5623-5520 FT OA. MAX PRESS 3250 PSI, HOLDING PRESS 2600 PSI. REVERSED OUT 20 SX CMT. COOH W/TBG AND PKR. SDON..

17

RATHERFORD UNIT NO. 7-12 PBD 5640. PREPARING TO PERFORATE AND ACIDIZE. WIH W/6-1/8 IN BIT, CSG SCRAPER. DRLD FROM 5508-5542 FT. COOH. SDON..

18

RATHERFORD UNIT NO. 7-12 PBD 5552. PREP TO EQUIP TO PUMP. RU GO-INTL. WIH W/4 IN CSG GUN AND DML CHARGES. PERFORATED FROM 5541-32 FT ZONE I, W/2 JSPF. CHECKED TD. PBD 5552 FT ELM. WIH W/TBG PKR AND TBG TESTER. THREE JTS TAILPIPE BELOW PKR. TSTD TBG TO 3500 PSI. DOWELL ACIDIZED W/THREE - 2000 GAL STAGES OF 28 PERCENT HCL. OVER-DISPLACED EACH STAGE W/2000 GAL WTR. MP 2800 PSI. FINAL PRESS 800 PSI. ISIP 300 PSI TO 0 PSI IN 10 SECONDS. TOTAL LOAD TO REC 501 BAW. ACID CONTAINED 3 GAL PER 1000 GAL W-46 DE-EMULSIFIER AND 2 GAL PER 1000 GAL F-78. DISPLACEMENT WATER FOLLOWING EACH STAGE CONTAINED 1 GAL PER 1000 GAL F-78 TBA W/1/4 LB OS-90 WIDE RANGE UNIBEADS AND 1/2 LB OS-90 UNIBEAD BUTTONS AND 1-1/4 LB MOTH BALLS..

DAILY REPORT DETAILED

LEASE Ratherford Unit

WELL NO. 7-12

SHEET NO. 2

DATE	TOTAL DEPTH	NATURE OF WORK PERFORMED
------	-------------	--------------------------

1978
Aug.
19-21

RATHERFORD UNIT NO. 7-12 PBD 5552. PREP TO EQUIP TO PUMP. 8/19/78 - FIN COOH W/TBG AND PKR. WIH W/TBG, 1-3/4 IN PUMP. STARTED IH W/RODS. SDON. 8/20/78 - FIN RNG RODS. RD AND RELEASED RIG AT 9/00 AM, 8/19/78. UNABLE TO HANG WELL ON BECAUSE PUMPING UNIT NOT ALIGNED PROPERLY. 8/21/78 - SD FOR SUNDAY..

22

RECONDITIONING WELLS

RATHERFORD UNIT NO. 7-12 PBD 5552. PMPG ON TEST. FIN ALIGNING UP AND TIEING DOWN PMPG UNIT. HUNG ON PUMP AT 12/00 NOON, 8/21/78. TOTAL LOAD WTR TO REC, 501 BBLs..

23

RATHERFORD UNIT NO. 7-12 PBD 5552. PMPG ON TEST. PMPD 15 HRS, REC NO OIL, 87 BW. 12.33 SPM, 44" STROKE. 1578 FTF. 414 BLW TO REC..

24

RATHERFORD UNIT NO. 7-12 PBD 5552. PREPARING TO LENGTHEN STROKE. PMPD 24 HRS, REC NO OIL, 152 BLW. 1595 FTF. 262 BLW TO REC..

25

~~RECONDITIONING WELLS~~
RATHERFORD UNIT NO. 7-12 PBD 5552. PMPG ON TEST. PMPD 24 HRS, REC NO OIL, 160 BLW. LENGTHENED STROKE TO 67 IN. 102 BLW TO REC..

26-28

RATHERFORD UNIT NO. 7-12 PBD 5552. 8/26/78 THRU 8/28/78 - PMPG ON TEST, NO GAUGE. 102 BLW TO REC..

29

RATHERFORD UNIT NO. 7-12 PBD 5552. PMPG ON TEST. 96 HR TEST - 102 BLW, 794 BFW. GRIND OUT SHOWS TRACE OF OIL. FL 1553 FT. CP 23 PSI, TP 80 PSI. 12.3-64-1-3/4 IN SPM..

30

RATHERFORD UNIT NO. 7-12 PBD 5552. PMPG ON TEST. PMPD 24 HRS, REC TR OIL, 272 BW. FL 1622 FT.

31

RATHERFORD UNIT NO. 7-12 PBD 5552. PREPARING TO MI WS UNIT. SHUT WELL DN AT 2/00 PM IN ORDER TO ALLOW FLUID LEVEL TO STABILIZE BEFORE DUMPING HYDROMITE PLUG..

Sept
1

RATHERFORD UNIT NO. 7-12 PBD 5552. SHUT DOWN PREPARING TO SPOT HYDROMITE PLUG. MOVED IN R AND R WELL SERVICE UNIT AT 9/00 A.M. 8/31/78. PULLED RODS AND TUBING. SDON..

DAILY REPORT DETAILED

LEASE Ratherford Unit

WELL NO. 7-12

SHEET NO. 3

DATE TOTAL DEPTH NATURE OF WORK PERFORMED

Sept 5, 1978

RATHERFORD UNIT NO. 7-12 PBTB - 5542. PREPARING TO MOVE IN WELL SERVICE UNIT. 9/2/78 PUMP ON TEST. WIH WITH G.O. INTERNATIONAL 5 IN GLASS BOTTOM DUMP BAILER. TAGGED BOTTOM AND MARKED LINE. COOH W/BAILER. MIXED 200 LB HYDROMITE WITH CATALYST. WIH WITH HYDROMITE AND DUMPED ON BOTTOM. COOH WITH BAILER. RAN TBG AND RODS. HUNG ON TO PUMP. MOVED OFF R AND R WELL SERVICE UNIT AT 4/30 P.M. 9/3/78. PUMPING ON TEST. PUMP FAILING. UNABLE TO GET SATISFACTORY TEST. FLUID LEVEL AT 1267 FT TO FLUID. TOTAL FLUID PUMPED 5 BARRELS. 9/4/78. SHUT DOWN WAITING ON WELL SERVICE UNIT. PUMP FAILING. 9/5/78 WELL SHUT DOWN. PUMP FAILURE..

Sept 6

RATHERFORD UNIT NO. 7-12 PBTB 5542. PUMPING ON TEST. MOVED IN R AND R WELL SERVICE UNIT. CHANGED OUT PUMP. HUNG BACK TO PUMP..

Sept 7

RATHERFORD UNIT NO. 7-12 PBTB 5542. PUMPING ON TEST. REC 243 BBLs WATER, NO OIL. 12.3 SPM, 67 IN STROKE LENGTH..

Sept 8 1978

RATHERFORD UNIT NO. 7-12 PBTB 5542. PUMPING ON TEST. 24 HR TEST 280 BBLs WATER, TRACE OF OIL..

Sept 9-11, 1978

RATHERFORD UNIT NO. 7-12 PBTB 5542. PMPG ON TEST. 9/9/78 - PMPD 24 HRS, REC 290 BW, NO OIL. 9/10/78 - PMPD 27 HRS, REC 326 BW, NO OIL. 9/11/78 - PMPG ON TEST, NO GAUGE..

Sept 12, 1978

RATHERFORD UNIT NO. 7-12 PBTB 5542. PMPG ON TEST. PMPD 24 HRS, REC 270 BW, NO OIL..

Sept 13 1978

RATHERFORD UNIT NO. 7-12 PBTB 5542. PMPG ON TEST. PMPD 24 HRS, REC 260 BW, TR OIL. 28 JTS TO FLUID..

9-15

RATHERFORD UNIT NO. 7-12 PBTB 5542. PMPG ON TEST. PMPD 24 HRS, REC 268 BW, TR OIL. 27 JTS TO FLUID. CP 28 PSI, TP 110 PSI..

RATHERFORD UNIT NO. 7-12 PBTB 5542. PREPARING TO SQUEEZE. MI AND RU R AND R WS UNIT AT 3/00 PM, 9/14/78. PLD RODS AND PUMP. STARTED OUT OF HOLE W/TBG..

DAILY REPORT DETAILED

LEASE Ratherford Unit WELL NO. 7-12 SHEET NO. 4

DATE TOTAL
NATURE OF WORK DEPTH
PERFORMED

9/18/78

RATHERFORD UNIT NO. 7-12 PBTD 5510. PMPG ON TEST. 9/16/78 -
PLD TBG. SET BOP. RAN BAKER MODEL K CMT RETAINER AND TBG IN
HOLE. TSTD TBG TO 3500 PSI. SET RETAINER AT 5510 FT, NEW PBTD.
CIRC OIL OUT OF ANNULUS. SET BACK INTO RETAINER. HOWCO CMTD
W/100 SX CLASS B, 10 PERCENT SALT, 1-1/4 PERCENT CFR-2. UNABLE
TO BUILD PRESSURE UP. TOOK CMT ON VAC. CAME OUT OF RETAINER
AND CIRC 1/2 SX CMT TO PIT. COOH W/TBG. SDON. 9/17/78 - WIH
W/TBG AND RODS AND 1-1/4 IN INSERT PUMP. HUNG ON TO PUMP.
RELEASED WS UNIT AT 1/30 PM, 9/16/78. 9/18/78 - PMPD 24 HRS,
REC 134 BW, NO OIL. 2480 FT TO FLUID. TP 95 PSI, CP 18 PSI..

9/19/78

RATHERFORD UNIT NO. 7-12 PBTD 5510. PMPG ON TEST. PMPD 24 HRS,
REC 5 BO, 135 BW. 4464 FT TO FLUID. CP 210 PSI, TP 95 PSI..

9/20/78

RATHERFORD UNIT NO. 7-12 PBTD 5510. PMPG ON TEST. PMPD 24
HRS, REC 40 BO, 62 BW..

9/21/78

RATHERFORD UNIT NO. 7-12 PBTD 5510. PMPG ON TEST. PMPD 24
HRS, REC 21 BO, 31 BW..

9/22

RATHERFORD UNIT NO. 7-12 PBTD 5510. PMPG ON TEST. PMPD 24 HRS,
REC 13 BO, 27 BW, 9.29 MCFD..

9-25

RATHERFORD UNIT NO. 7-12 PBTD 5510. 9/23/78 - PMPD 24 HRS, REC 14
BO, 20 BW. 9/24/78 - PMPD 24 HRS, REC 15 BO, 16 BW. 9/25/78 - PMPD
24 HRS, REC 14 BO, 9 BW. FINAL REPORT SUMMARY. CMT SQZD ZONE II PERFS
5520-5623 FT W/150 SX CLASS B. DRLD OUT CMT TO 5552 FT. PERFORATED
ZONE I, 5532-5541 FT, 2 JSPF, W/4" CSG GUN. ACIDIZED W/THREE - 2000
GAL STAGES OF 28 PERCENT HCL. PERFORATIONS 5532-41 FT COMMUNICATED
W/ZONE II. RAN BAKER MODEL K CMT RETAINER SET AT 5510 FT, NEW PBTD.
CMT SQZD PERFS 5532-41 FT W/100 SX CLASS B. RETURNED TO A PUMPING OIL
WELL FROM DESERT CREEK ZONE I PERFS 5472-5496 FT OA, SAN JUAN CO.,
UTAH, WITH A FINAL TEST OF 14 BOPD, 9 BWPD. FINAL REPORT..

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 checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Phillips Oil Company</p> <p>3. ADDRESS OF OPERATOR P. O. Box 2920, Casper, WY 82602</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface See Attached</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. 96-004192 ✓</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo</p> <p>7. UNIT AGREEMENT NAME: Ratherford Unit ✓</p> <p>8. FARM OR LEASE NAME:</p> <p>9. WELL NO.</p> <p>10. FIELD AND POOL, OR WILDCAT N/A</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: See Attached</p> <p>12. COUNTY OR PARISH: San Juan</p> <p>13. STATE: Utah</p>
<p>14. PERMIT NO. See Attached</p>	<p>15. ELEVATIONS (Show whether OF, AT, OR, etc.)</p>

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

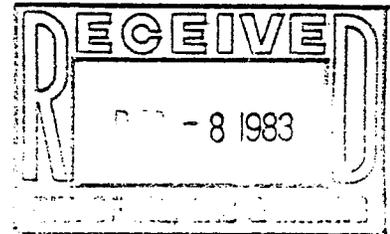
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>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

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

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

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

190 *7-12*



- | | | |
|--|---|--|
| <p>Org. & 3-BLM</p> <ul style="list-style-type: none"> 1-The Navajo Nation 1-Mary Wiley Black 1-Lawrence E. Brock 1-Chevron USA 1-Ralph Faxel 1-Royal Hogan 1-W. O. Keller 1-Dee Kelly Corp. | <ul style="list-style-type: none"> 1-Robert Klabzuba 1-Micheal J. Moncrief 1-Richard B. Moncrief 1-Lee W. Moncrief 1-Mary H. Morgan 1-W. A. Moncrief 1-W. A. Moncrief, Jr. 1-L. F. Peterson | <ul style="list-style-type: none"> 1-Shell Oil Co. 1-Southland Royalty Co. 1-Superior Oil Co. 1-Leroy Shave 1-Texaco, Inc. 1-Wade Wiley, Jr. 1-Edwin W. Word, Jr. 1-File |
|--|---|--|

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

SIGNED *A. E. Stuart* TITLE Area Manager DATE 12/6/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

6. UNIT OPERATOR (Well operator)

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

Taken from the Rutherford Unit Agreement.
Operator Name Change.

(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Older instructions
void)

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.)

OIL WELL GAS WELL OTHER

Conversion

RECEIVED

1. NAME OF OPERATOR
Phillips Oil Company

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

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

2140' FNL, 585' FWL, SWNW

14. PERMIT NO.
43-037-15985

15. ELEVATIONS (Show whether W, N, or etc.)
4689' RKB

4. LEASE DESIGNATION AND SERIAL NO.
14-20-603-368

5. UNIT NAME, ALLOTED OR TRUSS NAME
Navajo

7. UNIT ASSIGNMENT NAME
SW-I-4192

8. NAME OF LEASE NAME
Ratherford Unit

9. WELL NO.
7-12 ✓

10. FIELD AND POOL, OR WILDCAT
Greater Aneth

11. SEC., T., R., N., OR S.E.K. AND
SURVEY OR AREA
Sec. 7-T41S-R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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

NOTICE OF INTENTION TO:

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

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

(Other) Convert to Water Injection

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Other)

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent 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 #7-12 from a Zone I producing well to a Zone I water injection well. Upon conversion, the well will be acidized with 5500 gallons 28% HCL.

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- B. Conner, 318B-TRW
- 1- J. R. Weichbrodt
- 1- C. M. Anderson
- 1- File RC

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

SIGNED A. E. Stuart

TITLE Area Manager

DATE June 6, 1985

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

**STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5 & RULE I-4)**

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF
Phillips Petroleum Company
ADDRESS P. O. Box 2920
Casper, WY ZIP 82602
INDIVIDUAL PARTNERSHIP **CORPORATION**
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE 7 W12 **WELL**
SEC. 7 **TWP.** 41N **RANGE** 2 4 **E**
San Juan **COUNTY, UTAH**

CAUSE NO. C-3 (B)

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

*Refer to unit file
for attachments*

APPLICATION

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

1. That Rule I-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 Ratherford Unit	Well No. 7W12	Field Greater Aneth	County San Juan
Location of Enhanced Recovery Injection or Disposal Well <u>7W12</u> Sec. <u>7</u> Twp. <u>41N</u> Rge. <u>2 4 E</u>			
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 & II/ San Juan River</u>	Geologic Name(s) and Depth of Source(s) <u>Desert Creek (5476) San Juan River (Surface)</u>		
Geologic Name of Injection Zone <u>Desert Creek Zone I</u>	Depth of Injection Interval <u>5476 to 5500</u>		
a. Top of the Perforated Interval: <u>5476</u>	b. Base of Fresh Water: <u>1550</u>	c. Intervening Thickness (a minus b) <u>3929</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <u>See previously submitted material, attachment #4</u>			
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.

Suscribed and sworn to before me this 21st day of February, 19 86

SEAL
Notary Public

Donald L. Hudson

My Commission Expires November 3, 1986

Notary Public in and for Natrona Co., Wyoming

(OVER)

LOCATION: SWNW Sec 1-1415-2610
FIELD: GREATER AN'TH
RESERVOIR: Desert Creek Zone I

W I COMPLETION: Injector/
PRESENT STATUS: Conversion

RKB 4689
GL 4678

SURFACE CASING: 10 3/4"
32.75# H-40

Well # 7-W12

PRODUCTION CASING: 7"
20#/23# J-55

831.81'

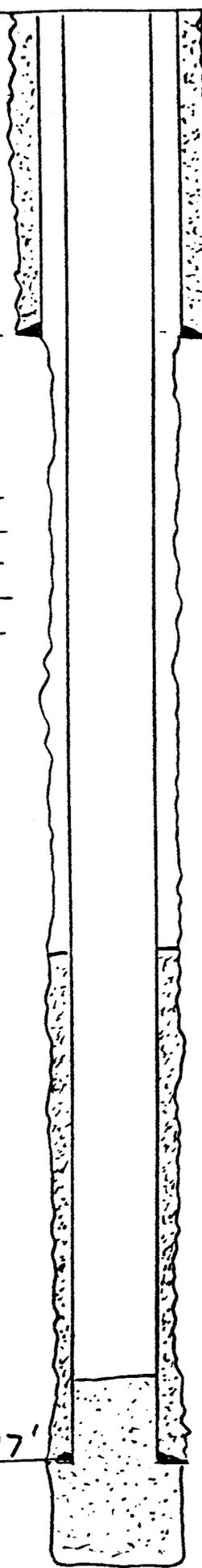
PERFORATIONS: _____
5472-81
5485-96

PACKER: Baker Model AB
Type Tension Pkr or
similar set @ 5372'

PBTD: 5570'
OTD: 5677'

5677'

Phillips Petroleum Company



DESCRIPTION			WELL TEST														MONTHLY				REMARK				
LEASE CODE	LEASE NAME	WELL NO.	COMP TYPE	W.I.	WELL CLASS	PROD. METHOD	DATE		CHOKES	WELL HEAD PRESSURE PSIG	SEPARATOR		OIL OR COND. B/D	GAS MCF/D	WATER B/D	GOR CF/B	WTR %	OIL GR. API	DAYS ON/D	ALLOWABLE BBLs. or MCF	OIL or COND. BBLs.	GAS MCF	WATER BBLs.	DATE	
							MO.	DY.			PRESS. PSIG	TEMP. °F.												MO.	DY.
933028	SW SE 9 41S24E	9-34	S	0220	PE		786		70	22		18	21	716	1167	98	39	30		474	347	11645	212	183	
933028	SW NW 10 41S24E	10-12	S	0220	PMS		986		30	24		6	17	40	2833	87	39	30		159	281	651	212	183	
933028	SW SW 10 41S24E	10-14	S	0220	PM		886		40	30		10	15	106	1500	91	39	30		264	248	1724	212	183	
933028	SW NE 10 41S24E	10-32	S	0220	PM		886		110	32		8	64	260	8000	97	39	29		204	1022	4088	1710	3084	
933028	SW SE 10 41S24E	10-34	S	0220	PM		986		55	24		4	50	10	12500	71	39	30		105	826	162	212	183	
933028	SW SW 11 41S24E	11-14	S	0220	PM		886		75	22		34	57	214	1676	86	39	29		867	910	3365	212	183	
TANK BAT TOTAL									03																
LEASE RESERV TOTAL									933028	3006															
RESERVOIR TOTAL									102	ANETH - RATHERFORD UNIT															
104 ANETH - RATHERFORD UNIT																									
933028	NE NW 14 41S24E	E14W21S		022	WI																	1512	1085		
933028	NE SW 14 41S24E	E14W23S		022	WI																	1512	1085		
933028	SE SW 1 41S23E	1W24S		022	WI	X					X			188								5643	0708	0186	
933028	SW SE 1 41S23E	1W34S		022	WI																	15	7	179	
933028	SE SE 2 41S23E	2W44S		022	WI	X			2375	X				345								10340	17	62886	
933028	SE NE 3 41S24E	3W42S		022	WI																	15	7	1780	
933028	NE SW 4 41S24E	4W23S		022	WI																	2009	1	986	
933028	NE SE 4 41S24E	4W43S		022	WI																	2009	2	386	
933028	SW SW 5 41S24E	5W14S		022	WI																	15	7	1077	
933028	NE SE 5 41S24E	5W43S		022	WI				250	X				496								14876	1712	784	
933028	NE SW 6 41S24E	6W23S		022	WI																	15	4	2580	
933028	SW NW 7 41S24E	7W12S		022	WI																				
933028	SW SW 7 41S24E	7W14S		022	WI				2400	X															
933028	NE NW 7 41S24E	7W21S		022	WI				2350	X				12								363	17	8	180
933028	NE NE 7 41S24E	7W41S		022	WI				500	X				175								5256	212	183	
933028	NE SE 7 41S24E	7W43S		022	WI					X				168								5045	12	62666	
933028	SW SW 8 41S24E	8W14S		022	WI				2100	X				1779											
933028	NE SE 8 41S24E	8W43S		022	WI				700	X				259								7766	212	183	
933028	NE NW 9 41S24E	9W21S		022	WI				1600	X				327								9819	17	61085	
933028	NE SW 9 41S24E	9W23S		022	WI				30	X				271								8131	1712	784	
933028	NE NE 9 41S24E	9W41S		022	WI																	1512	1085		
933028	NE SE 9 41S24E	9W43S		022	WI																	1512	1085		
933028	NE NW 10 41S24E	10W21S		022	WI																	1512	1085		
933028	NE SW 10 41S24E	10W23S		022	WI				1600	X				340								10196	212	183	
933028	NE SE 10 41S24E	10W43S		022	WI				1575	X				49								1473	212	183	
933028	NW SW 12 41S23E	12W13S		022	WI				2475	X				188								5643	17	51986	
933028	SE SE 12 41S23E	12W44S		022	WI																	15090	2	80	
933028	SW NE 13 41S23E	13W32S		022	WI																	15	4	2530	
933028	NE NE 13 41S23E	13W41S		022	WI																	15	7	180	

Commencement

4

MONTHLY WELL PRODUCTION REPORT

FORM S/B 7451-N 12-83

COMPLETION TYPE: 1st Space, 2nd Space, 3rd Space, S Single, U Upper, T Tubing, C Commingled, M Middle, C Casing, D Dual, L Lower, C Commingled, T Triple

WELL CLASSIFICATION: O Oil, OC Oil (cond.), AG Asso. gas (dry), AC Asso. gas (cond.), NG Non-asso. gas (dry), NC Non-asso. gas (cond.), GI Gas injection

WI Water injection, WD Salt water disposal, WS Water supply, M Miscellaneous

PRODUCING METHOD: PL Plunger lift

GC Gas lift, continuous, GI Gas lift, intermittent, PE Pump, rod, engine, PM Pump, rod, elec. motor, HP Hydraulic pump, RP Reda pump, S Swabbing, M Miscellaneous

WELL TEST DATE: ES Some data estimated

CHOKES: AD Adjustable, NO No choke

MONTHLY ALLOWABLE: D Discovery allow., L Limited allow., M Marginal, P Penalized (high GOR)

MONTHLY GAS: V Some gas vented, E Estimated

DISTRICT 34 DATE: 12/15/83

REMARK CODE: 01 Drilled and completed, 02 Acquired, 03 Trfd. to EDP system, 04 Recompletion (new), 05 New comp. (commingling stopped), 06 New comp. (commingling started), 07 New classification (converted), 10 New identification, 11 Stimulation treatment, 12 Workover, same reservoir, 13 Artificial lift installed, 14 Reclassified (oil or gas), 15 Shut down (only), 16 Shut down (service work), 17 Activated, 20 P&A, 21 Sold for plugging, 22 Sold for future operations, 23 Transferred from EDP system, 24 Completion abandoned, 25 Old comp. (commingling stopped), 26 Old comp. (before commingling), 27 Old classification (converted)

Commencement Notice

LEASE CODE	DESCRIPTION			COMP. TYPE	W.I.	WELL CLASS	PROD. METHOD	WELL TEST										MONTHLY					REMARK					
	LEASE NAME	WELL NO.	DATE					CHOKE	WELL HEAD PRESSURE PSIG	SEPARATOR		OIL OR COND. B/D	GAS MCF/D	WATER B/D	GOR CF/B	WTR %	OIL GR./API	DAYS OPD	ALLOWABLE BBLs. or MCF	OIL or COND. BBLs.	GAS MCF	WATER BBLs.	REMARK	DATE				
										MO.	DY.														CHOKES 64THS	TEMP. °F	PRESS. PSIG	TEMP. °F
933028	SW SE 9 41S24E	9-34	S	0220	PE	786		70	22		18	21	716	1167	98	39	30		474	347	11645	212	183					
933028	SW NW 10 41S24E	10-12	S	0220	PM	986		30	24		6	17	40	2833	87	39	30		159	281	651	212	183					
933028	SW SW 10 41S24E	10-14	S	0220	PM	886		40	30		10	15	106	1500	91	39	30		264	248	1724	212	183					
933028	SW NE 10 41S24E	10-32	S	0220	PM	886		110	32		8	64	260	8000	97	39	29		204	1022	4088	1710	3084					
933028	SW SE 10 41S24E	10-34	S	0220	PM	936		55	24		4	50	10	12500	71	39	30		105	826	162	212	183					
933028	SW SW 11 41S24E	11-14	S	0220	PM	886		75	22		34	57	214	1676	86	39	29		867	910	3365	212	183					
TANK UNIT TOTAL								03											8668	7351	94582							
LEASE RESER TOTAL 933028																						90184	82734	210183				
RESERVOIR TOTAL								102	ANETH - RATHERFORD UNIT												90184	82734	210183					
104 ANETH - RATHERFORD UNIT																												
933028	NE NW 14 41S24E	E14W21S	022	WI																		1512	1085					
933028	NE SW 14 41S24E	E14W23S	022	WI																		1512	1085					
933028	SE SW 1 41S23E	1W24S	022	WI	X								188				30					5643	0708	0186				
933028	SW SE 1 41S23E	1W34S	022	WI																		15	7	179				
933028	SE SE 2 41S23E	2W44S	022	WI	X			2375	X														10340	17	628	86		
933028	SE NE 3 41S24E	3W42S	022	WI																			15	7	180			
933028	NE SW 4 41S24E	4W23S	022	WI																			2009	1986				
933028	NE SE 4 41S24E	4W43S	022	WI																			2009	2386				
933028	SW SW 5 41S24E	5W14S	022	WI																			15	2	1077			
933028	NE SE 5 41S24E	5W43S	022	WI				250	X				496				30						14876	1712	784			
933028	NE SW 6 41S24E	6W23S	022	WI																			15	4	2580			
933028	SW NW 7 41S24E	7W14S	022	WI																				18	0709	1586		
933028	SW SW 7 41S24E	7W14S	022	WI				2400	X				296											30	0708	2186		
933028	NE NW 7 41S24E	7W21S	022	WI				2350	X				12											363	17	8	180	
933028	NE NE 7 41S24E	7W41S	022	WI				500	X				175											5256	212	183		
933028	NE SE 7 41S24E	7W43S	022	WI					X				168											5045	12	626	86	
933028	SW SW 8 41S24E	8W14S	022	WI				2100					177											15	0709	1686		
933028	NE SE 8 41S24E	8W43S	022	WI				700	X				259												7766	212	183	
933028	NE NW 9 41S24E	9W21S	022	WI				1600	X				327												9819	17	610	85
933028	NE SW 9 41S24E	9W23S	022	WI				30	X				271												8131	1712	784	
933028	NE NE 9 41S24E	9W41S	022	WI																					1512	1085		
933028	NE SE 9 41S24E	9W43S	022	WI																					1512	1085		
933028	NE NW 10 41S24E	10W21S	022	WI																					1512	1085		
933028	NE SW 10 41S24E	10W23S	022	WI				1600	X				340												10196	212	183	
933028	NE SE 10 41S24E	10W43S	022	WI				1575	Λ				44												1473	212	183	
933028	NW SW 12 41S23E	12W13S	022	WI				2475	X				188												5643	17	519	86
933028	SE SE 12 41S23E	12W44S	022	WI																						1509	0286	
933028	SW NE 13 41S23E	13W32S	022	WI																						15	4	2530
933028	NE NE 13 41S23E	13W41S	022	WI																						15	7	180

DISTRICT 34 DATE PEP&W WELL RECORDS PRODUCTION SEC.-50

COMPLETION TYPE 1st Space S Single C Commingled D Dual T Triple 2nd Space U Upper M Middle L Lower C Commingled 3rd Space T Tubing C Casing	WELL CLASSIFICATION O Oil OC Oil (cond.) AC Asso. gas (dry) AC Asso. gas (cond.) NG Non-asso. gas (dry) NC Non-asso. gas (cond.) GI Gas injection	WI Water injection WD Salt water disposal WS Water supply M Miscellaneous PRODUCING METHOD NF Natural flow PL Plunger lift	GC Gas lift, continuous GI Gas lift, intermittent PE Pump, rod, engine PM Pump, rod, elec. motor HP Hydraulic pump RP Reda pump S Swabbing M Miscellaneous	WELL TEST DATE — ES Some data estimated CHOKES AD Adjustable NO No choke	MONTHLY ALLOWABLE D Discovery allow. L Limited allow. M Marginal P Penalized (high GOR) MONTHLY GAS M Monthly gas vented E Estimated	REMARK CODE 01 Drilled and completed 02 Acquired 03 Trfd. to EDP system 04 Recompletion (new) 05 New comp. (commingling stopped) 06 New comp. (commingling started) 07 New classification (converted)	10 New identification 11 Stimulation treatment 12 Workover, same reservoir 13 Artificial lift installed 14 Reclassified (oil or gas) 15 Shut down (only) 16 Shut down (service work) 17 Activated	20 P&A 21 Sold for plugging 22 Sold for future operations 23 Transferred from EDP system 24 Completion abandoned 25 Old comp. (commingling stopped) 26 Old comp. (before commingling) 27 Old classification (converted)
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MONTHLY WELL PRODUCTION REPORT FORM S/B 7451-N 12-83



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

March 13, 1986

San Juan Record
Legal Advertizing
Monticello, Utah 84535

Gentlemen:--

RE: UIC-079

Attached hereto 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 20th day of March. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

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.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



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

March 13, 1986

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

Gentlemen: ..

RE: UIC-079

Attached hereto 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 20th day of March. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

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.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script, appearing to read "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

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-079
OF PHILLIPS PETROLEUM COMPANY, :
FOR ADMINISTRATIVE APPROVAL TO :
INJECT FLUID INTO CONVERTED :
ENHANCED RECOVERY INJECTION WELLS :
LOCATED IN SECTIONS 6, 7, & 8, :
TOWNSHIP 41 SOUTH, RANGE 24 EAST; :
AND SECTION 1, TOWNSHIP 41 SOUTH, :
RANGE 23 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

<u>WELL</u>	<u>LOCATION</u>	<u>WELL</u>	<u>LOCATION</u>
#1-44	Sec. 1, T41S, R23E	#7-32	Sec. 7, T41S, R24E
#1-24	Sec. 1, T41S, R23E	#7-23	Sec. 7, T41S, R24E
#1-13	Sec. 1, T41S, R23E	#7-14	Sec. 7, T41S, R24E
#6-14	Sec. 6, T41S, R24E	#7-12	Sec. 7, T41S, R24E
#7-34	Sec. 7, T41S, R24E	#8-14	Sec. 8, T41S, R24E

Injection Interval: Desert Creek 5,479' to 5,929'
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 13th day of March, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Marjorie L. Anderson
MARJORIE L. ANDERSON
Administrative Assistant

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 APPLICATION OF PHILLIPS PETROLEUM COMPANY, FOR ADMINISTRATIVE APPROVAL TO INJECT FLUID INTO CONVERTED ENHANCED RECOVERY INJECTION WELLS LOCATED IN SECTIONS 6, 7, & 8, TOWNSHIP 41 SOUTH, RANGE 24 EAST, AND SECTION 1, TOWNSHIP 41 SOUTH, RANGE 23 EAST, S.L.M., SAN JUAN COUNTY, UTAH

CAUSE NO. UIC-079

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

#1-44	Sec. 1, T41S, R23E
#1-24	Sec. 1, T41S, R23E
#1-13	Sec. 1, T41S, R23E
#6-14	Sec. 6, T41S, R24E
#7-34	Sec. 7, T41S, R24E
#7-32	Sec. 7, T41S, R24E
#7-23	Sec. 7, T41S, R24E
#7-14	Sec. 7, T41S, R24E
X #7-12	Sec. 7, T41S, R24E
#8-14	Sec. 8, T41S, R24E

Injection Interval: Desert Creek 5,479' to 5,929'

Maximum Estimated Surface Pressure: 3000 psig

Maximum Estimated Water Injection Rate: 500 BHPD

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within 15 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 13th day of March, 1986.

STATE OF UTAH

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

Published in The San Juan Record
March 19, 1986.

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 request for administrative approval to inject fluid into converted wells, Cause # UIC-079

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 March 19, 1986. and the last publication having been made on _____

Signature Joyce A Martin
Publisher

Subscribed and sworn to before me this 19th

day of March, A.D. 1986

Fred K Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987

Affidavit of Publication

STATE OF UTAH,

ss.

County of Salt Lake

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-079

IN THE MATTER OF THE APPLICATION OF PHILLIPS PETROLEUM COMPANY, FOR ADMINISTRATIVE APPROVAL TO INJECT FLUID INTO CONVERTED ENHANCED RECOVERY INJECTION WELLS LOCATED IN SECTIONS 6, 7, & 8, TOWNSHIP 41 SOUTH, RANGE 24 EAST, AND SECTION 1, TOWNSHIP 41 SOUTH, RANGE 23 EAST, S.L.M., SAN JUAN COUNTY, UTAH.

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

Well	Location
#1-44	Sec. 1, T41S, R23E
#1-24	Sec. 1, S41S, R23E
#1-13	Sec. 1, T41S, R24E
#6-14	Sec. 6, T41S, R24E
#7-34	Sec. 7, T41S, R24E
#7-32	Sec. 7, T41S, R24E
#7-23	Sec. 7, T41S, R24E
#7-14	Sec. 7, T41S, R24E
#7-12	Sec. 7, T41S, R24E
#8-14	Sec. 8, T41S, R24E

Injection Interval: Desert Creek 5,479' to 5,929'

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 13th day of March, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant
H-33

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-079 Application of Phillips

Petroleum Company

was published in said newspaper on

March 20, 1986

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 27th day of

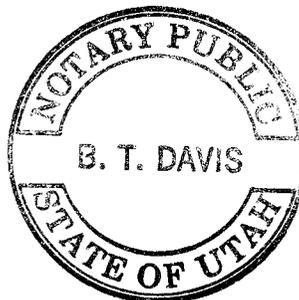
March A.D. 1986

B. T. Davis

Notary Public

My Commission Expires

March 1, 1988



Affidavit of Publication

STATE OF UTAH,

SS.

County of Salt Lake

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-079

IN THE MATTER OF THE APPLICATION OF PHILLIPS PETROLEUM COMPANY FOR ADMINISTRATIVE APPROVAL TO INJECT FLUID INTO CONVERTED ENHANCED RECOVERY INJECTION WELLS LOCATED IN SECTIONS 6, 7, & 8, TOWNSHIP 41 SOUTH, RANGE 24 EAST, AND SECTION 1, TOWNSHIP 41 SOUTH, RANGE 23 EAST, S.L.M., SAN JUAN COUNTY, UTAH.

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:

Well No.	Location
#1-44	Sec. 1, T41S, R23E
#1-24	Sec. 1, T41S, R23E
#1-13	Sec. 1, T41S, R24E
#1-14	Sec. 6, T41S, R24E
#1-34	Sec. 7, T41S, R24E
#1-32	Sec. 7, T41S, R24E
#1-23	Sec. 7, T41S, R24E
#1-14	Sec. 7, T41S, R24E
#1-12	Sec. 7, T41S, R24E
#1-14	Sec. 8, T41S, R24E

Injection Interval: Desert Creek 5, 17' to 5, 92'

Maximum Estimated Surface Pressure: 3000 psia

Maximum Estimated Water Injection Rate: 300 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 13th day of March, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant
11-35

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-079 Application of Phillips

Petroleum Company

was published in said newspaper on

March 20, 1986

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 27th day of

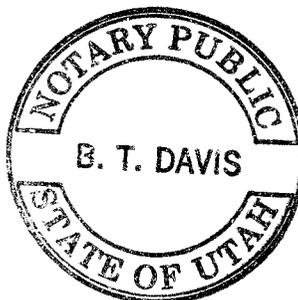
March A.D. 1986

B. T. Davis

Notary Public

My Commission Expires

March 1, 1988





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 8, 1986

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

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-079

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

RATHERFORD UNIT - San Juan County, Utah

<u>WELL</u>	<u>LOCATION</u>	<u>WELL</u>	<u>LOCATION</u>
#1-44	Sec. 1, T41S, R23E	#7-32	Sec. 7, T41S, R24E
#1-24	Sec. 1, T41S, R23E	#7-23	Sec. 7, T41S, R24E
#1-13	Sec. 1, T41S, R23E	#7-14	Sec. 7, T41S, R24E
#6-14	Sec. 6, T41S, R24E	#7-12	Sec. 7, T41S, R24E
#7-34	Sec. 7, T41S, R24E	#8-14	Sec. 8, 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 well as outlined in the application 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

Publication was sent to the following:

Navajo Tribe
PO Box 146
Window Rock, Arizona 86515

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

Texaco, Inc.
PO Box 2100
Denver, Colorado 80201

Phillips Petroleum Company
PO Box 2920
Casper Wyoming 82602

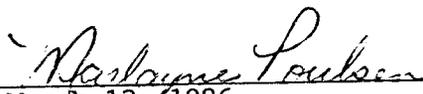
Utah State Department of Health
Water Pollution Control
Attn: Loren Morton
4241 State Office Building
Salt Lake City, Utah 84114

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

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

San Juan Record
Legal Advertizing
Monticello, Utah 84535



March 13, 1986

BLN
- FYI -
DTS

RECEIVED
OCT 30 1986

PRODUCING ENTITY ACTION

DIVISION OF
OIL, GAS & MINING

ACTION CODE

- A Establish new entity for new well(s).
- B Add new well(s) to existing entity.
- C Delete well(s) from existing entity.
- D Establish new entity for well(s) being deleted from existing entity.
- E Change well(s) from one entity to another existing entity.
- F Other. (Specify using attachments if necessary.)

BRACKET WELLS TO BE GROUPED TOGETHER.

Operator Name Phillips Petroleum Company
 Address Box 2920
 City Casper, State WY Zip 82602
 Utah Account No. N0772

Authorized Signature *Merrick Widiker*
 Effective Date September, 1986 Telephone (307) 237-3791

(Use black ink or typewriter ribbon.)

Action Code	Current Entity No.	New Entity No.	API No.	Well Name	Well Location					Producing Formation
					Sec.	T	R	Q/Q	County	
C	06280		4303715985	Ratherford Unit Well #7-12	7	41S	24E	SWNW	San Juan	DSCR

Explanation of action:

Converted to Water Injection Well 9/15/86

C	06280		4303715621	Ratherford Unit Well #3-32	3	41S	24E	SWNE	San Juan	DSCR
---	-------	--	------------	----------------------------	---	-----	-----	------	----------	------

Explanation of action:

Plugged and Abandoned 9/26/86

C	06280		4303715622	Ratherford Unit Well #4-22	4	41S	24E	SENW	San Juan	DSCR
---	-------	--	------------	----------------------------	---	-----	-----	------	----------	------

Explanation of action:

Plugged and Abandoned 9/12/86

C	06280		4303715623	Ratherford Unit Well #4-32	4	41S	24E	SWNE	San Juan	DSCR
---	-------	--	------------	----------------------------	---	-----	-----	------	----------	------

Explanation of action:

Plugged and Abandoned 9/3/86

CC - JKB
GLH
- FYI -
DTS

RECEIVED
OCT 30 1986

PRODUCING ENTITY ACTION

DIVISION OF
OIL GAS & MINING

ACTION CODE

- A Establish new entity for new well(s).
- B Add new well(s) to existing entity.
- C Delete well(s) from existing entity.
- D Establish new entity for well(s) being deleted from existing entity.
- E Change well(s) from one entity to another existing entity.
- F Other. (Specify using attachments if necessary.)

BRACKET WELLS TO BE GROUPED TOGETHER.

Operator Name Phillips Petroleum Company
 Address Box 2920
 City Casper, State WY Zip 82602
 Utah Account No. N0772
 Authorized Signature *Meredith Widiker*
 Effective Date September, 1986 Telephone (307) 237-3791

(Use black ink or typewriter ribbon.)

Action Code	Current Entity No.	New Entity No.	API No.	Well Name	Well Location				Producing Formation	
					Sec.	T	R	Q/Q		County
C	06280		4303715985	Ratherford Unit Well #7-12	7	41S	24E	SWNW	San Juan	DSCR

Explanation of action:

Converted to Water Injection Well 9/15/86

C	06280		4303715621	Ratherford Unit Well #3-32	3	41S	24E	SWNE	San Juan	DSCR
---	-------	--	------------	----------------------------	---	-----	-----	------	----------	------

Explanation of action:

Plugged and Abandoned 9/26/86

C	06280		4303715622	Ratherford Unit Well #4-22	4	41S	24E	SENE	San Juan	DSCR
---	-------	--	------------	----------------------------	---	-----	-----	------	----------	------

Explanation of action:

Plugged and Abandoned 9/12/86

C	06280		4303715623	Ratherford Unit Well #4-32	4	41S	24E	SWNE	San Juan	DSCR
---	-------	--	------------	----------------------------	---	-----	-----	------	----------	------

Explanation of action:

Plugged and Abandoned 9/3/86

BUREAU OF LAND MANAGEMENT

14-20-603-353

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.)

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. SURF AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Ratherford Unit

9. WELL NO.

17-12

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA

Sec. 17-T41S-R24E

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
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

1980' FNL, 510' FWL (SW NW)

14. PERMIT NO.
43-037-15726

15. ELEVATIONS (Show whether DF, ST, CR, etc.)
4766' 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

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Other) Convert to Water Injection

(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 #17-12 from a Zone I producing well to a Zone I water injection well. Upon conversion, the well will be acidized with approximately 10,200 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: 11/3/86
BY: [Signature]

NOV 03 1986
DIVISION OF
OIL, GAS & MINING

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

SIGNED

[Signature]
D. C. Gill

TITLE

Area Manager

DATE

November 3, 1986

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions
verse side)

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-368

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER Water Injector

RECEIVED
DEC 08 1986

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

2. NAME OF OPERATOR
Phillips Petroleum Company

7. UNIT ASSIGNMENT NAME
SW-I-4192

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

8. FARM OR LEASE NAME
Ratherford Unit

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

DIVISION OF
OIL GAS & MINING

9. WELL NO.
7W12

2140' FNL & 585' FWL, SW NW

10. FIELD AND POOL, OR WILDCAT
Greater Aneth

API #43-037-15985

11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA
Sec. 7-T41S-R24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
4689' RKB

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Convert to Wtr 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.)
July 21, 1986 through October 31, 1986

MI WS Unit 7/21/86. Cleaned out to 5512'. Pressure tbg to 2300 psi, started taking wtr. Inj rate - .31 BPM at 500 psi, 1 BPM at 1500 psi. RD 7/25/86 waiting evaluation. MI WS 8/20/86 to Run Liner. Run 114 jts 4-1/2" Liner set at 5510'. Cmtd w/340 sx Lt. Wt. Cmt. Bumped plug w/1900 psi, held 5 min, OK. Tag cmt at 5444'. Drld out to top of shoe at 5482', CO to 5503'. Set pkr at 5359'. Sqzd w/610 sx cmt. Drld out to 5501'. Tested sqz to 2000 psi, would not hold. Acidized w/200 gal 28% HCL. Set retainer at 5452'. Sqzd w/95 sx Class B. WOC. Drld on retainer & cmt to 5501'. Tested sqz to 2250 psi for 15 min, OK. Perforate 5472-81' & 5485-96', 4 HPF. Acidized w/3000 gal 28% HCL. Run Otis Pkr w/2-3/8" Duoline Tbg, set at 5408'. Released WS Unit 9/8/86. Hook-up to Injection 9/15/86. Now a Water Injection Well from Desert Creek Zone I Perfs 5472-5496' OA.

Production Before - Shut-in Oil Well 12/1/79
Injection After - 270 BWPD at 2200 psi

- | | |
|------------------------|----------------|
| 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 Manger

DATE December 4, 1986

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FYI

1986

PRODUCING ENTITY ACTION

Operator Name Phillips Petroleum Company
 Address Box 2920
 City Casper State WY Zip 82602
 Utah Account No. N0772
 Authorized Signature *Merritt K. Wickett*
 Effective Date October, 1986 Telephone (307) 237-3791

ACTION CODE

- A Establish new entity for new well(s).
- B Add new well(s) to existing entity.
- C Delete well(s) from existing entity.
- D Establish new entity for well(s) being deleted from existing entity.
- E Change well(s) from one entity to another existing entity.
- F Other. (Specify using attachments if necessary.)

BRACKET WELLS TO BE GROUPED TOGETHER.

(Use black ink or typewriter ribbon.)

Action Code	Current Entity No.	New Entity No.	API No.	Well Name	Well Location					Producing Formation
					Sec.	T	R	Q/Q	County	
C	06280		4303715985	Ratherford Unit Well #7-12	7	41S	24E	SWNW	San Juan	DSCR

Explanation of action:

Converted to a water injection well 9/15/86

C	06280		4303715623	Ratherford Unit Well #4-32	4	41S	24E	SWNE	San Juan	DSCR
---	-------	--	------------	----------------------------	---	-----	-----	------	----------	------

Explanation of action:

Plugged and Abandoned 9/3/86

C	06280		4303715992	Ratherford Unit Well #8-14	8	41S	24E	SWSW	San Juan	DSCR
---	-------	--	------------	----------------------------	---	-----	-----	------	----------	------

Explanation of action:

Converted to a water injection well 9/16/86

C	06280		4303715988	Ratherford Unit Well #7-32	7	41S	24E	SWNE	San Juan	DSCR
---	-------	--	------------	----------------------------	---	-----	-----	------	----------	------

Explanation of action:

Converted to a water injection well 10/9/86

an equal opportunity employer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(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 WATER INJECTION & WATER SUPPLY WELLS</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SW-I-4192</p>
<p>2. NAME OF OPERATOR PHILLIPS PETROLEUM COMPANY</p>		<p>7. UNIT AGREEMENT NAME RATHERFORD UNIT #7960041920</p>
<p>3. ADDRESS OF OPERATOR 152 N. DURBIN, 2ND FLOOR, CASPER, WYOMING 82601</p>		<p>8. FARM OR LEASE NAME</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>SEE ATTACHED</u></p>		<p>9. WELL NO. VARIOUS (see attached)</p>
<p>14. PERMIT NO.</p>		<p>10. FIELD AND POOL, OR WILDCAT GREATER ANETH</p>
<p>15. ELEVATIONS (Show whether DF, HT, OR, etc.) OIL, GAS & MINING</p>		<p>11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Sections 1 thru 30 T41S - R23E & 24E</p>
<p>16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</p>		<p>12. COUNTY OR PARISH 13. STATE San Juan Utah</p>

RECEIVED
 MAR 20 1989
 BUREAU OF LAND MANAGEMENT
 OIL, GAS & MINING

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 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

415-24E-7 03-2-1989

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: _____

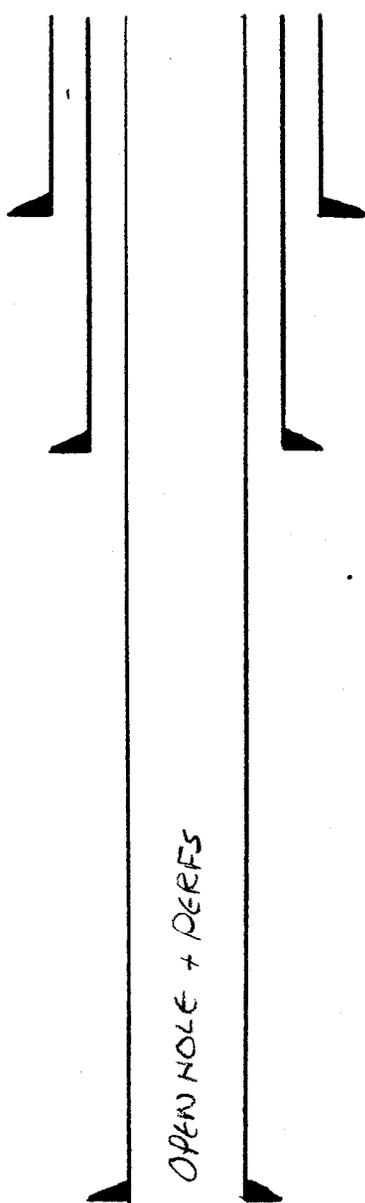
*See Instructions on Reverse Side

DOWNHOLE SCHEMATIC

Date: 8/6/87

RATHERFORD Unit # 7W12
 RKB ELEV. 4689'
 GL ELEV. 4678'
 RKB Above GL' 11'

Location S10 NW Sec. 7
T41S-R24E
 Well Drd 6/6/57
 Well converted to injector 10/30/86



CONDUCTOR CSG 10³/₄ @ 844'

SURFACE CSG. 7 @ 5677' 23# J-55

TOC 3702' CALC

Tubing 2³/₈ @ 5408' Duoline HT2

PACKER OTIS INTER-LOCK PER
@ 5408'

PERFS	<u>5479 - 89</u>	<u> -</u>	<u> -</u>
	<u>5494 - 96</u>	<u> -</u>	<u> -</u>
	<u>5499 - 5503</u>	<u> -</u>	<u> -</u>
	<u> -</u>	<u> -</u>	<u> -</u>

PBTD 5506'

PRODUCTION CSG. 4.5 @ 5484'
J-55 #10.5

All PERFS Zone I unless noted

42 381 30 SHEETS 3 SQUARE
 42 382 100 SHEETS 3 SQUARE
 42 383 200 SHEETS 3 SQUARE
 NATIONAL

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
OCT 16 1989

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Water Injector</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>14-20-603-368</u>
2. NAME OF OPERATOR <u>Phillips Petroleum Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo</u>
3. ADDRESS OF OPERATOR <u>P. O. Box 1150, Cortez, CO 81321</u>		7. UNIT AGREEMENT NAME <u>SW-I-4192</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) <u>At surface</u> <u>2140' FNL & 585' FWL, SW NW</u>		8. FARM OR LEASE NAME <u>Ratherford Unit</u>
14. PERMIT NO. <u>API #43-037-15985</u>	15. ELEVATIONS (Show whether DF, ST, GR, etc.) <u>4689' RKB</u>	9. WELL NO. <u>7W12</u>
		10. FIELD AND POOL, OR WILDCAT <u>Greater Aneth</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 7-T41S-R24E</u>
		12. COUNTY OR PARISH <u>San Juan</u>
		13. STATE <u>Utah</u>

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 checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(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.)*

September 12, 1989 Through September 22, 1989

MI & RU well service unit 9/12/89. COOH w/2-3/8" tbg. RIH w/2-7/8" workstring, bumper sub, and jars. Bumped & jarred pkr loose. COOH. GIH w/csg brush, csg scraper, and bit. Cleaned out well to 5509'. Circ well clean. COOH w/tbg, brush, scraper, and bit. GIH w/PIP tool and 2-7/8" workstring. Located perfs at 5479-5489'. Set PIP tool and acidized with 1880 gals 80/20 DAD 28% MSR 100 with additives in two stages. Swabbed back load. COOH w/workstring and 4-1/2" PIP tool. GIH w/4-1/2" Otis pkr with on-off tool, expendable test plug, 4" tail sub, and 168 jts 2-3/8" Rice duolined tbg. Set pkr at 5397'. Performed UIC test to 1000 psi for 1 hr. Expelled test plug. Rig down well service unit and returned well to injection 9/22/89.

Inj. Rate Before Workover: 76 BWPD @ 0 psi
Inj. Rate After Workover: 350 BWPD @ 0 psi

Distribution:

- | | |
|---------------------|-----------------------|
| 5 - BLM, Farmington | 1 - Mobil Oil |
| 2 - Utah O&GCC | 1 - Texaco, Inc. |
| 1 - N. Anstine | 1 - Chevron, USA |
| 1 - S. H. Oden | 1 - PPCo, Houston |
| 1 - Chieftain | 1 - PPCo, Cortez - RC |

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

SIGNED S. H. Oden TITLE District Superintendent DATE October 11, 1989
S. H. Oden

(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 TRIPL
(Other instructions on re-
verse 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.)

1. OIL WELL GAS WELL OTHER Water Injector

2. NAME OF OPERATOR
Phillips Petroleum Company

3. ADDRESS OF OPERATOR
P. O. Box 1150, Cortez, CO 81321

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

2140' FNL & 585' FWL, SW NW

14. PERMIT NO.
43-037-15985

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4689' RKB

8. LEASE DESIGNATION AND SERIAL NO.
14-20-603-368

9. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
SW-I-4192

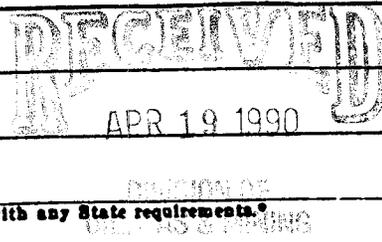
8. FARM OR LEASE NAME
Ratherford Unit

9. WELL NO.
7W12

10. FIELD AND POOL, OR WILDCAT
Greater Aneth

11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA
Sec. 7-T41S-R24E

12. COUNTY OR PARISH 13. STATE
San Juan Utah



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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PLUG 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 ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) <u>Clean out well - UIC Test</u> <input checked="" type="checkbox"/>	

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

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

March 30, 1990 Through April 3, 1990

MI & RU well service unit 3/30/90. ND WH, NU BOP. Rel 4-1/2" Otis interlock pkr and COOH w/168 jts 2-3/8" Rice Duo-lined tbg and pkr. GIH w/3-7/8" bit, 4-1/2" csg scraper, and workstring. Cleaned out well to PBTD 5506'. LD workstring. GIH w/4-1/2" Baker inverted Lok-set 43A pkr w/on-off tool and expendable test plug and 168 jts 2-3/8" Rice duo-lined tbg, drifting barrier rings and testing to 3000 psi. Set pkr at 5398'. Disengaged on-off tool and pmpd 80 bbls wtr with 1/2 drum WA-840 Well Chem for pkr fluid. Engaged on-off tool. ND BOP, NU WH. Pressured annulus to 1000 psi for 45 min for UIC test. OK. Expelled test plug. Hooked up injection line, ND BOP, NU WH. RD & MO well service unit and returned well to injection 4/3/90.

Distribution:

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

OIL AND GAS	
DPN	DIF
JRB	GLH <input checked="" type="checkbox"/>
BTC	SLS
JIAS	
3- MICROFILM	DATE April 9, 1990
4- FILE	

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

SIGNED S. H. Oden
S. H. Oden

TITLE District Superintendent

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

*See Instructions on Reverse Side.

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			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				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

USDA
5-18-93

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 Konkkel* Telephone Number: 505 599-3452

WELL #	API#	LEASE #	SEC., T, R	LOCATION OF WELL
✓ 01W-13	43-037-15838	14-20-603-246A	SEC. 1, T41S, R23E	NW/SW 1980 FSL; 660 FWL
✓ 01-14	43-037-31162	14-20-603-246A	SEC. 1, T41S, R23E	SW/SW 660 FSL; 660 FWL
✓ 01W-24	43-037-15839	14-20-603-246	SEC. 1, T41S, R23E	SE/SW 651 FSL; 3300 FEL
✓ 01-34	43-037-16385	14-20-603-246A	SEC. 1, T41S, R23E	SW/SE 4147 FNL; 1980 FEL
✓ 01W-44	43-037-15840	14-20-603-246A	SEC. 1, T41S, R23E	660 FSL; 661 FEL
✓ 02W-44	43-037-16386	14-20-603-246A	SEC. 2, T41S, R23E	SE/SE 810 FNL; 5110' FWL
✓ 03-14	43-037-15124	14-20-603-5445	SEC. 3, T41S, R24E	660 FSL; 660 FEL
✓ 03-12	43-037-15620	14-20-603-6506	SEC. 3, T41S, R24E	SW/NW 2140 FNL; 660 FWL
✓ 03W-42	43-037-16388	14-20-603-6505	SEC. 3, T41S, R24E	SW/NE 1980 FNL; 660 FEL
✓ 03-44	43-037-15031	14-20-603-6504	SEC. 3, T41S, R24E	520 FSL; 820 FEL
✓ 04-14	43-037-16163	14-20-603-5446	SEC. 4, T41S, R24E	500 FSL; 600 FEL
✓ 04-34	43-037-16164	14-20-603-4035	SEC. 4, T41S, R24E	660 FSL; 1980 FEL
✓ 05-34	43-037-15983	14-20-603-368	SEC. 5, T41S, R24E	SW/SE 612 FSL; 1990 FEL
✓ 05W-43	43-037-16392	14-20-603-368	SEC. 5, T41S, R24E	1400 FSL; 990 FEL
✓ 06W-14	43-037-15984	14-20-603-368	SEC. 6, T41S, R24E	SW/SW 660; FSL; 660 FWL
✓ 06W-23	43-037-16393	14-20-603-368	SEC. 6, T41S, R24E	1830 FSL; 1895 FWL
✓ 07-11	43-037-31163	14-20-603-368	SEC. 7, T41S, R24E	NW/NW 660 FNL; 710 FWL
✓ 07W-12	43-037-15985	14-20-603-368	SEC. 7, T41S, R24E	SW/NW 2140 FNL; 585 FWL
✓ 07-13	43-037-31164	14-20-603-368	SEC. 7, T41S, R24E	NW/SW 2110 FSL; 740 FWL
✓ 07W-14	43-037-15986	14-20-603-368	SEC. 7, T41S, R24E	SW/SW 1065 FSL; 660 FWL
✓ 07W-21	43-037-16394	14-20-603-368	SEC. 7, T41S, R24E	710 FNL; 1820 FWL
✓ 07-22	43-037-31165	14-20-603-368	SEC. 7, T41S, R24E	SE/NW 1980 FNL; 1980 FWL
✓ 07W-23	43-037-15987	14-20-603-368	SEC. 7, T41S, R24E	NE/SW 1980 FSL 1980 FWL
✓ 07-24	43-037-31166	14-20-603-368	SEC. 7, T41S, R24E	SE/SW 880 FSL; 2414 FWL
✓ 07W-32	43-037-15988	14-20-603-368	SEC. 7, T41S, R23E	SW/NE 1980 FNL; 1980 FEL
✓ 07-33	43-037-31167	14-20-603-368	SEC. 7, T41S, R24E	NW/SE 2105 FSL; 1876 FEL
✓ 07W-34	43-037-15989	14-20-603-368	SEC. 7, T41S, R24E	710 FSL; 2003 FEL
✓ 07W-41	43-037-15990	14-20-603-368	SEC. 7, T41S, R24E	NE/NE 585 FNL; 770 FEL
✓ 07W-43	43-037-16395	14-20-603-368	SEC. 7, T41S, R24E	2110 FSL; 660 FEL
✓ 07-44	43-037-31189	14-20-603-368	SEC. 7, T41S, R24E	SE/SE 737 FSL; 555 FEL
✓ 08-12	43-037-15991	14-20-603-368	SEC. 8, T41S, R24E	SW/NW 1909 FNL; 520 FWL
✓ 08W-14	43-037-15992	14-20-603-368	SEC. 8, T41S, R24E	745 FSL; 575 FWL
✓ 08-21	43-037-15993	14-20-603-368	SEC. 8, T41S, R24E	616 FNL; 1911 FWL
✓ 08-23	43-037-15994	14-20-603-368	SEC. 8, T41S, R24E	NE/NW 1920 FSL; 2055 FWL
✓ 08-32	43-037-15995	14-20-603-368	SEC. 8, T41S, R24E	SW/NE 1980 FNL; 1980 FEL
✓ 08-34	43-037-15996	14-20-603-368	SEC. 8, T41S, R24E	SW/SE 660 FSL; 1980 FEL
✓ 08-41	43-037-15997	14-20-603-368	SEC. 8, T41S, R24E	NE/NE 660 FNL; 660 FEL
✓ 08W-43	43-037-16396	14-20-603-368	SEC. 8, T41S, R24E	1980 FSL; 660 FEL
✓ 09W-23	43-037-16398	14-20-603-5046	SEC. 9, T41S, R24E	NW/SE 1980 FSL; 1980 FWL
✓ 09-12	43-037-15126	14-20-603-5045	SEC. 9, T41S, R24E	1865 FNL; 780 FWL
✓ 09W-21	43-037-16397	14-20-603-5045	SEC. 9, T41S, R24E	660 FNL; 2080 FWL
✓ 09-14A	43-037-15127	14-20-603-5046	SEC. 9, T41S, R24E	710 FSL; 660 FWL
✓ 09-32	43-037-16165	14-20-603-4035	SEC. 9, T41S, R24E	1980 FNL; 1980 FEL
✓ 09W-41	43-037-16399	14-20-603-4035	SEC. 9, T41S, R24E	660 FNL; 660 FEL
✓ 09W-43	43-037-16400	14-20-603-4043	SEC. 9, T41S, R24E	1980 FSL; 660 FEL
✓ 10W-23	43-037-16402	14-20-603-4043	SEC. 10, T41S, R24E	1980 FSL; 1980 FWL
✓ 10-14	43-037-15713	14-20-603-4043	SEC. 10, T41S, R24E	510 FSL; 710 FWL
✓ 10-12	43-037-15712	14-20-603-4043	SEC. 10, T41S, R24E	660 FWL; 1980 FNL
✓ 10W-21	43-037-16401	14-20-603-4043	SEC. 10, T41S, R24E	810 FNL; 1980 FWL
✓ 10-34	43-037-16166	14-20-603-4037	SEC. 10, T41S, R24E	620 FSL; 1860 FEL
✓ 10W-43	43-037-16403	14-20-603-4037	SEC. 10, T41S, R24E	1980 FSL; 550 FEL
✓ 11-41	43-037-31544	14-20-603-246A	SEC. 11, T41S, R23E	NE/NE 860 FNL; 350 FEL
✓ 11-42W	43-037-15841	14-20-603-246	SEC. 11, T41S, R23E	3290 FNL; 4617 FEL
✓ 11-43	43-037-31622	14-20-603-246A	SEC. 11, T41S, R23E	1980 FSL; 660 FEL
✓ 11W-44	43-037-15842	14-20-603-246A	SEC. 11, T41S, R23E	SE/SE 660 FSL; 558 FEL
✓ 12W-11	43-037-15843	14-20-603-246A	SEC. 12, T41S, R23E	NW/NW 678 FNL; 4620 FEL
✓ 12-12	43-037-31190	14-20-603-246A	SEC. 12, T41S, R23E	SW/NW 1850 FNL; 660 FWL
✓ 12W-13	43-037-16404	14-20-603-246A	SEC. 12, T41S, R23E	1980 FSL; 4620 FEL
✓ 12-14	43-037-15844	NA	SEC. 12, T41S, R23E	660 FNL; 4622 FWL
✓ 12-21	43-037-31201	14-20-603-246A	SEC. 12, T41S, R23E	NE/NW 660 FNL; 1980 FWL
✓ 12W-22	43-037-15845	14-20-603-246	SEC. 12, T41S, R23E	NA
✓ 12-23	43-037-15846	14-20-603-246A	SEC. 12, T41S, R23E	1958 FNL; 3300 FWL
✓ 12W-24	43-037-31151	14-20-603-246A	SEC. 12, T41S, R23E	775 FSL; 1980
✓ 12-32	43-037-31203	14-20-603-246A	SEC. 12, T41S, R23E	SW/NE 1820 FNL; 1820 FEL
✓ 12W-33	43-037-15848	14-20-603-246A	SEC. 12, T41S, R23E	NW/SE 1957 FSL; 1981 FEL
✓ 12-34	43-037-31126	14-20-603-246A	SEC. 12, T41S, R23E	SW/SE 675 FSL; 1905 FEL
✓ 12-41	43-037-15849	14-20-603-246A	SEC. 12, T41S, R23E	656 FNL; 660 FEL
✓ 12W-42	43-037-15850	14-20-603-246A	SEC. 12, T41S, R23E	3275 FSL; 662 FEL

PAID RECEIVED

SEP 15 1993

DIVISION OF OIL, GAS & MINING

PAID

*

PAID PAID

14-20-603-246

SE NW 1920 FNL 2080 FWL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO TRIBAL

7. UNIT AGREEMENT NAME

RATHERFORD UNIT

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

MOBIL OIL CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX 633 MIDLAND, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

See also space 17 below.
At surface

At proposed prod. zone

SEP 13 1993
DIVISION OF OIL, GAS & MINING

14. API NO.

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

12. COUNTY

SAN JUAN

13. STATE

UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) CHANGE OF OPERATOR

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

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION _____

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

* Must be accompanied by a cement verification report.

AS OF 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 Todd

TITLE

ENV. & REG TECHNICIAN

DATE

9-8-93

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 7 / 93

AMENDED REPORT (Highlight Changes)

**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								
TOTALS				249710	243925	5885			

RECEIVED

SEP 13 1993

DIVISION OF OIL, GAS & MINING

COMMENTS: *PLEASE NOTE ADDRESS change. Robin ~~also~~ 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.

Name and Signature: *L. B. Sheffield*

Date: *9/5/93*

Telephone Number: *303 565 2212*
214 658 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.

2.6. Ratherford Unit (GC)

RECEIVED
BLM

JUL 27 AM 11:44

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

070 FARMINGTON, NM

ARES/543

JUL 26 1993

MINERALS DIVISION
NO. 1 992
DATE
BY
REMARKS
3
2
ALL SUPPLY
FILED

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

Dear Mr. Cox:

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

JUN 27 11:44

070 FARMINGTON, NM

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

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

100% Indian Lands

TOTAL 12,909.74

100.0000000

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____ Suspense _____ Other _____
(Location) Sec _____ Twp _____ Rng _____ (Return Date) _____ OPERATOR CHANGE
(API No.) _____ (To - Initials) _____

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).

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OCT 25 1993

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

DIVISION OF
OIL, GAS & MINING

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 Area Manager
 Approval Date 10-27-93

Lisha Cordova (801) 538-5340

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:	S/2	Section 14:	S/2
Section 11:	E/2	Section 24:	All

TOWNSHIP 41 SOUTH, RANGE 24 EAST, SLN

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

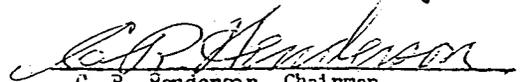
3. If, at any time or from time to time, it appears necessary or desirable to the unit operator to alter or modify the hereby approved plan of pressure maintenance, any such alteration or modification shall be submitted for

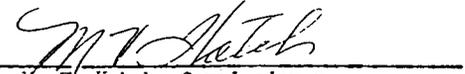
and shall be subject to approval by the Commission or its delegated representative, which approval may be given without notice or hearing, unless otherwise ordered or directed by the Commission.

Dated this 13th day of September, 1961.

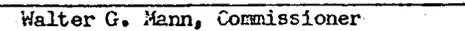
THE OIL AND GAS CONSERVATION
COMMISSION OF THE STATE OF UTAH


Edward W. Clyde, Commissioner presiding


C. R. Henderson, Chairman


M. V. Hatch, Commissioner


C. S. Thomson, Commissioner


Walter G. Mann, Commissioner

SEP 14 1961

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	REC/M7-93
2	DPG/S8-93
3	VLC
4	RJFV
5	TRP
6	RL

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>43-037-15985</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

- Sec 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)
- Sec 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: _____
- Sec 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.
- Sec 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)
- Sec 6. Cardex file has been updated for each well listed above. (O&G wells 10-6-93) (wiw's 10-26-93)
- Sec 7. Well file labels have been updated for each well listed above. (O&G wells 10-6-93) (wiw's 10-26-93)
- Sec 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)
- Sec 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) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: 11.17 19 93.

FILING

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

COMMENTS

931006 BIA/Btm Approved 7-9-93.

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓MEPNA (MOBIL	43-037-15506	L-21	41S	25E	18	INJW	Y
✓MEPNA (MOBIL	43-037-16358	K-24	41S	25E	18	INJW	Y
✓MEPNA (MOBIL	43-037-30400	K-22X	41S	25E	18	INJI	Y
✓MEPNA (MOBIL	43-037-15499	J-21	41S	25E	18	INJW	Y
✓MEPNA (MOBIL	43-037-15508	L-25	41S	25E	19	INJW	Y
✓MEPNA (MOBIL	43-037-15839	1W24	41S	23E	1	INJW	Y
✓MEPNA (MOBIL	43-037-15838	1W13	41S	23E	1	INJW	Y
✓MEPNA (MOBIL	43-037-16386	2W44	41S	23E	2	INJW	Y
✓MEPNA (MOBIL	43-037-15842	11W44	41S	23E	11	INJW	Y
✓MEPNA (MOBIL	43-037-15841	11W42	41S	23E	11	INJW	Y
✓MEPNA (MOBIL	43-037-15848	12W33	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15850	12W42	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15847	12W31	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-16404	12W13	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15845	12W22	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15843	12W11	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-31151	12W24	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-31543	RATERFORD 12	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15854	13W31	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15851	13W13	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15857	13W42	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16407	13W44	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15855	13W33	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-31152	13W11	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15852	13W22	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15853	13W24	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16410	14W43	41S	23E	14	INJI	Y
✓MEPNA (MOBIL	43-037-15860	14W43	41S	23E	14	INJW	Y
✓MEPNA (MOBIL	43-037-15863	24W42	41S	23E	24	INJW	Y
✓MEPNA (MOBIL	43-037-15862	24W31	41S	23E	24	INJW	Y
✓MEPNA (MOBIL	43-037-15984	6W14	41S	24E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15988	7W32	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15990	7W41	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16394	7W21	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15985	7W12	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15989	7W34	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15986	7W14	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15987	7W23	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16395	7W43	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16396	8W43	41S	24E	8	INJI	Y
✓MEPNA (MOBIL	43-037-15992	8W14	41S	24E	8	INJW	Y
✓MEPNA (MOBIL	43-037-16398	9W23	41S	24E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16400	9W43	41S	24E	9	INJI	Y
✓MEPNA (MOBIL	43-037-16397	9W21	41S	24E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16402	10W23	41S	24E	10	INJW	Y
✓MEPNA (MOBIL	43-037-16401	10W21	41S	24E	10	INJI	Y
✓MEPNA (MOBIL	43-037-16403	10W43	41S	24E	10	INJW	Y
✓MEPNA (MOBIL	43-037-16413	15W43	41S	24E	15	INJI	Y
✓MEPNA (MOBIL	43-037-16411	15W21	41S	24E	15	INJW	Y
✓MEPNA (MOBIL	43-037-16412	15W23	41S	24E	15	INJI	Y
✓MEPNA (MOBIL	43-037-16415	16W43	41S	24E	16	INJW	Y
✓MEPNA (MOBIL	43-037-15720	16W12	41S	24E	16	INJW	Y
✓MEPNA (MOBIL	43-037-15721	16W14	41S	24E	16	INJW	Y

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

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

RECEIVED
MAY 16 1986

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,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- LFC	7- PL
2- LWP	8- SJ
3- DES 9- FILE	
4- VLC	
5- RJF	
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) <u>MOBIL EXPLOR & PROD</u>	FROM (former operator) <u>M E P N A</u>
(address) <u>C/O MOBIL OIL CORP</u>	(address) <u>C/O MOBIL OIL CORP</u>
<u>PO DRAWER G</u>	<u>PO DRAWER G</u>
<u>CORTEZ CO 81321</u>	<u>CORTEZ CO 81321</u>
phone <u>(303) 564-5212</u>	phone <u>(303) 564-5212</u>
account no. <u>N7370</u>	account no. <u>N7370</u>

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

Name: <u>** SEE ATTACHED **</u>	API: <u>037-15985</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.
- Yes 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
- Yes 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)
- Yes 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. *DTS 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 UIC F5/Not necessary!

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.

14-20-603-368

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 7-W-12

9. API Well No.

43-037-15985

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
(NE/SE) 1980' FSL & 660' FEL

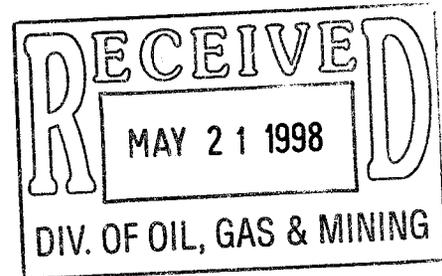
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

SEE ATTACHED MIT AND CHART



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

Signed *Shirley Houchins*

Title **SHIRLEY HOUCHINS/ENV & REG TECH**

Date **5-18-98**

(This space for Federal or State office use)

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

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

* See Instruction on Reverse Side

ANNULAR PRESSURE TEST

(Mechanical Integrity Test)

Operator Mobil E. & P., Inc. Date of Test 2-26-98
Well Name RU # 7W-12 EPA Permit No. _____
Location Sec. 7, T41S-R24E Tribal Lease No. 14-20-603-368
State and County San Juan County, Utah

Continuous Recorder? YES NO Pressure Gauge? YES NO
Bradenhead Opened? YES NO Fluid Flow? YES NO

<u>TIME</u>	<u>ANNULUS PRESSURE, psi</u>	<u>TUBING PRESSURE, psi</u>
<u>11:10</u>	<u>1015</u>	<u>2875</u>
<u>11:15</u>	<u>1015</u>	<u>2875</u>
<u>11:20</u>	<u>1015</u>	<u>2875</u>
<u>11:30</u>	<u>1015</u>	<u>2875</u>
<u>11:40</u>	<u>1015</u>	<u>2875</u>

MAX. INJECTION PRESSURE: _____ PSI
MAX. ALLOWABLE PRESSURE CHANGE: _____ PSI (TEST PRESSURE X 0.05)
REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

PASSED TEST

FRITZ JOHNSON *Fritz Johnson* 2-26-98
COMPANY REPRESENTATIVE: (Print and Sign) DATE
Melvin Capitan Jr. *Melvin Capitan Jr.* 2-26-98
INSPECTOR: (Print and Sign) DATE

U.S. ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF INSPECTION

Address (EPA Regional Office)

Region 9
Environmental Inspection Agency
215 Fremont Street (W-6-2)
San Francisco, CA 94105

Inspection Contractor

Navajo Nation EPA
GPC Program
P.O. Box 1979
Shiprock, NM 87420

Firm To Be Inspected

Mobil E. & P., Inc.
P.O. Box Drawer G
Cortez, CO 81321

Date 2-26-98

Hour 9:00 am

Notice of inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (42 U.S.C. §300 f et seg.).

Reason For Inspection

For the purpose of inspecting records, files, papers, processes, controls and facilities, and obtaining samples to determine whether the person subject to an applicable underground injection control program has acted or is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

RU# 1W-24, WATER INJECTION WELL, M.I.T. - PASSED
RU# 6W-14, WATER INJECTION WELL, M.I.T. - PASSED
RU# 7W-12, WATER INJECTION WELL, M.I.T. - PASSED
RU# 7W-14, WATER INJECTION WELL, M.I.T. - PASSED
RU# 2W-44, WATER INJECTION WELL, M.I.T. - PASSED
RU# 11W-44, WATER INJECTION WELL, M.I.T. - PASSED
RU# 7W-41, WATER INJECTION WELL, M.I.T. - PASSED

Section 1445(b) of the SDWA (42 U.S.C. §300 j-4 (b) is quoted on the reverse of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

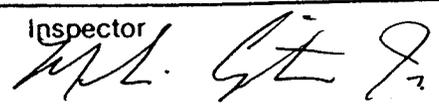
Firm Representative

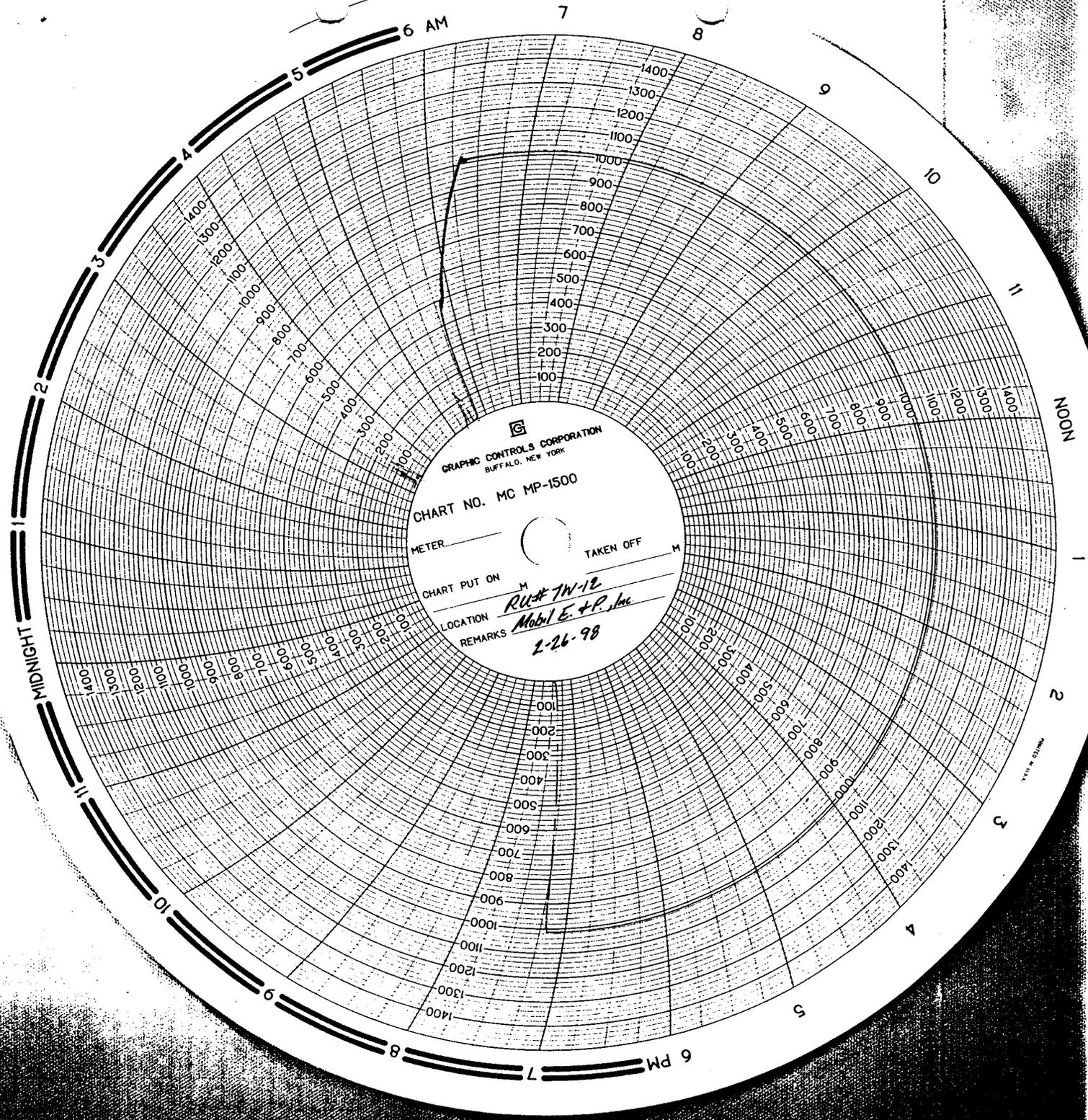


Date

2-26-98

Inspector





GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1500

METER _____ TAKEN OFF _____ M

CHART PUT ON _____ M

LOCATION Rt # 7W-12

REMARKS Mobil E. & P. Inc

2-26-98

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

43-037-15985

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

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

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

Mobil Exploration & Producing US Inc. as agent for Mobil Producing Texas & New Mexico Inc. & Mobil Exploration & Producing North America Inc. requests authorization to pull the injection equipment, change out the wellheads and return the wells to injection. We plan to replace the 2,000 psi wellheads with 5,000 psi wellheads.

See Attached Listing of Wells.

RECEIVED

SEP 12 2000

DIVISION OF
OIL, GAS AND MINING

COPY SENT TO OPERATOR
Date: 9-15-00
Initials: CHD

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mark Del Pico	Title Regulatory Sepcialist
Signature <i>M. Del Pico</i>	Date 9/7/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title	ACCEPTED BY THE STATE
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	OF UTAH DIVISION OF OIL, GAS, AND MINING
		DATE: <i>[Signature]</i>

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

Federal Approval Of This
Action Is Necessary

Attached Listing of Ratherford Wells

Well Name Number	API Number	Federal Lease #	Sec T R	Location
Ratherford 1-W-24	43-037-15839	14-20-603-246	01 - T41S - R23E	651 FSL / 3300 FEL
Ratherford 2-W-44	43-037-16386	142-0-603-246A	02 - T41S - R23E	810 FNL / 5119 FWL
Ratherford 7-W-12	43-037-15985	14-20-6-3-368	07 - T41S - R24E	2140 FNL / 585 FWL
Ratherford 12-W-31	43-037-15847	14-20-603-246A	12 - T41S - R23E	661 FNL / 1981 FEL
Ratherford 12-W-33	43-037-15848	14-20-603-246A	12 - T41S - R23E	1957 FSL / 1981 FEL
Ratherford 13-W-24	43-037-15853	14-20-603-247	13 - T41S - R23E	600 FSL / 3300 FEL
Ratherford 13-W-42	43-037-15857	14-20-6-3-247A	13 - T41S - R23E	2139 FNL / 585 FEL
Ratherford 13-W-44	43-037-16407	14-20-603-247A	13 - T41S - R23E	635 FSL / 659 FEL
Ratherford 19-W-41	43-037-15745	14-20-603-353	19 - T41S - R24E	660 FNL / 660 FEL
Ratherford 20-W-41	43-037-15751	14-20-603-353	20 - T41S - R24E	660 FNL / 660 FEL
Ratherford 28-W-21	43-037-16431	14-20-603-409	29 - T41S - R24E	660 FNL / 2022 FWL

RECEIVED

SEP 12 2000

DIVISION OF
OIL, GAS AND MINING

SUB SURFACE MAINTENANCE PROGRAM

WELL NO : Ratherford 7W12 / API # 43-037-15985
SEC 7-T41S-R24E
San Juan County, Utah

To pull injection equipment, change out wellhead, and return well to injection.

This well work is being done because there has been a process step change in injection pressure. It appears that over the injection life of this well the injection pressure has increased from 2000psi to 3000psi. For this reason, the wellhead needs to be upgraded to handle the additional pressure increase and reduce the possibility of a pressure release (SHE hazard) at the surface.

GENERAL PROCEDURES

- (1) Prior to MIRU PU, MIRU perf company and perforate tbg at approximately 5350'. Circ calculated kill fluid down the casing and up the tbg to establish well control.
Note – The well may already have been killed with calculated KWM prior to step 1.
- (2) MIRU PU. Pick up on tbg and LD 1st joint. PU compression set pkr (storm valve) and RIH and set in compression. Monitor the well for pressure for a least one hour.
- (3) Once well control has been re-confirmed, proceed to spear production csg hanger and relieve tension.
- (4) Proceed to cut off lower csg head and weld on the 5000psi replacement wellhead.
- (5) NU BOP/Hydril. Pick up pkr setting joint and left-handed thread and retrieve pkr (storm valve).
- (6) MIRU Campbell's tbg testers.
- (7) Release pkr and POOH hydrotesting each joint and LD first joint and SB remaining 160 2 3/8" Duoline tbg and LD all joints that fail 3500psi test.
- (8) LD 4 1/2" x 2 3/8" Baker Inverted Lok-Set pkr @5398'.
- (9) RDMO Campbell tbg testers.
- (10) PU redressed 1.5" profile w/ pump out plug, 4 1/2" x 2 3/8" pkr, and 4 1/2" x 2 3/8" on/off tool. RIH on 2 3/8" tbg.
- (11) Set pkr @5398' +/- 10' and test to 1000psi.
- (12) Release on/off tool, circ. Pkr. Fluid (92bbls of freshwater w/ 39gal of Baker Petrolite CRW 132F) latch on to pkr.
Note – Volume based on a pkr setting depth of 5398' + 10 % of total volume.

Continued

RECEIVED

SEP 12 2000

DIVISION OF
OIL, GAS AND MINING

(13) ND BOP/Hydril, NU WH.

Note – Call ahead (at least 48hrs prior to testing) to the Navajo EPA and BLM so that they have time to find a witness for the MIT test if needed once the injection string is run back in. The backside should be tested to 1000psi with no more than a 5% loss in 30minutes if a successful test is to be obtained. The test should be charted and an original copy sent to Ellen Carroll (713-431-1197) in Houston, Tx.

(14) Test tbg to 1200 psi and pump-out plug.

(15) Clean location RDMO PU.

RECEIVED

SEP 12 2000

DIVISION OF
OIL, GAS AND MINING

**Rutherford 7W12
WELL ID
API # 43-037-15985
SEC 7-T41S-R24E**

OVERALL OBJECTIVE:
 (1) Kill well
 (2) Pull equipment & switch out wellhead
 (3) Return well to injection

Surface csg – 10 3/4",
32.75#. H40. 844' w/ 400sx

**MUD WEIGHT:
MUD VISCOSITY:**

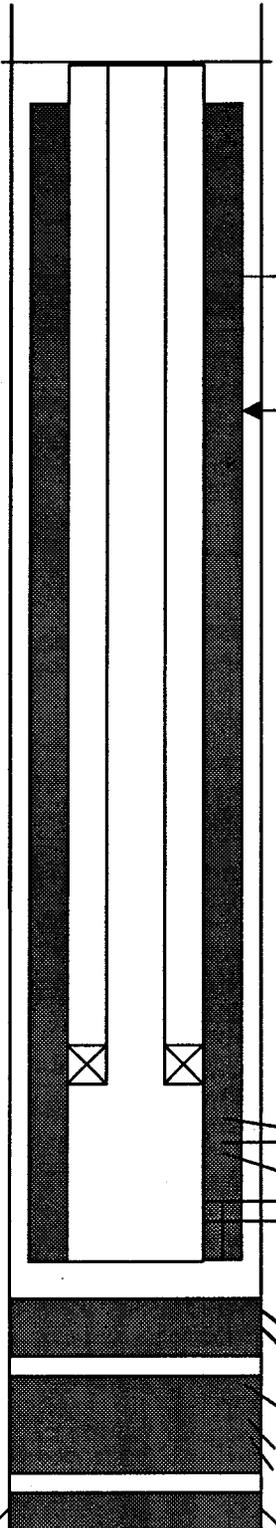
EXISTING EQUIPMENT
 Run time – 4/3/90
 168jts of 2 3/8" Duolined
 tbg
 4 1/2" Inverted Lok-Set
 pkr w/on/off tool

4 1/2", 11.6#, K55, 5510' w/
520sx

Drilled out to 5510'

Drilled out to 5552'

Csg size – 7", 23#, 0'-73',
20#, 73'-4277', 23#, 4277'-5677',
K55, 5677' w/ 700sx



2 3/8" Duolined tbg

Surface Csg Shoe @844'

Sqz'd csg leak in 7" @3402' w/

NEW EQUIPMENT INFO
 New 5000psi wellhead
 168jts of 2 3/8" Duolined
 tbg
 4 1/2" on/off tool w/ profile
 4 1/2" Inverted Lok-Set pkr

4" Inverted Lok-Set Pkr @5398'

5472'-5478' Sqz'd off
 5479'-5489'
 5485'-5489' Sqz'd off
 5494'-5496'
 5499'-5503'

5520'-5531' Sqz'd off
 5532'-5541' Sqz'd off

5542'-5592' Sqz'd off

5602'-5607' Sqz'd off
 5615'-5623' Sqz'd off

RECEIVED

SEP 12 2000

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
14-20-603-368

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA/Agreement, Name and/or No.
RATHERFORD UNIT

8. Well Name and No.
Ratherford Unit 7W12

9. API Well No.
43-037-15985

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Exxon Mobil Corporation

3a. Address **P.O. Box 4358
Houston TX 77210-4358**

3b. Phone No. (include area code)
(713) 431-1197

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**(NE/SE) 2140' N & 585' W
Sec 7 T41S R24E**

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

Attached is a summary of work performed on Ratherford Unit #7W12 from 4/25/01 to 5/10/01. The wellhead was replaced on this well.

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JUN 01 2001
DIVISION OF
OIL, GAS AND MINING

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

Name (Printed/Typed) **Kim Lynch** Title **Sr. Staff Office Assistant**

Signature *Kim Lynch* Date **05/31/2001**

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.

(Instructions on Reverse)

**Ratherford Unit 7W12
San Juan County
14-20-603-368**

- 4/25/01 MIRU WSU. Spot equipment and prepare to pull tubing.
- 4/26//01 SITP/CP = 0 psi. NDWH, NU BOPE. 'J' off of on/off tool and run storm packer. NDBOPE and tubing head. Found double stud adapter was wrong. NU tubing head and BOPE Test BOPE. Latch back onto packer and release. SION
- 4/27/01 SITP = 0, SICP = 0. Open well and POOH with 8 joints. Packer stuck. Worked up and down spudding and jarring. Rotated. Still stuck. Worked for 5 hours and SION. Will get W/L out in a.m.
- 4/30/01 SITP/CP = 0. Continue jarring on packer. No luck. RU wireline and RIH. Perf in the packer mandrel to attempt to swell it so we can release the on/off tool. No luck. Packer still stuck but rotates. Attempt to run chemical cutter. Would not go downhole. SION
- 5/01/01 SITP = 0psi, SICP = 0 psi. Begin circulating and jarring on packer. Got packer to move. Seems to be hanging up in the casing collars. Worked down and up. Stuck again. Finally jarred free and POOH. Found the on/off tool but no packer. PU and RIH with on/off tool, bumper sub, jars and collars. Latch up and set off jars one time. Rig brake assembly broke. Secured well and SION.
- 5/02/01 No activity...repairing rig
- 5/03/01 Open well. 0 tp/cp. Jar on packer until free. POOH laying down workstring and tools. RIH with kill string and SION
- 5/04/01 0 psi tp/cp. POOH with kill string and RIH with storm packer. NDBPO and tubing head. Double stud adapter would not fit over casing. NU tubing head and BOPE. Release storm packer and POOH. MU packer assembly and RU tubing tester. Begin RIH. Packer stuck with 130 joints in the hole. Attempt to jar loose. No luck. Released from on/off tool and SION
- 5/05/01 0 psi tp/cp. 'J' back onto packer and worked free. POOH with 46 joints and PU and RIH with storm packer. NDBOP and wellhead. Installed new double stud and tubing head. RU BOP and POOH with storm packer and remaining tubing. Found the packer to be badly damaged. RIH with kill string and SION
- 5/07/01 0 psi tp/cp. Open well and POOH with kill string. MU mule shoe and drill collars. RIH on work string. Circulate clean and POOH leaving kill string. SION
- 5/08/01 Stand-by for Contractor Safety workshop
- 5/09/01 0 psi tp/cp. Open well and finish POOH laying down workstring and tools. MU and RIH with BHA as follows: 2 3/8" W/L re-entry guide, 1.43 'R' profile nipple, 6' SS pup joint, 4.5" G-6 plastic coated packer, on/off tool with 1.5 'F' profile, 168 joints for 2 3/8" Duolined tubing. Set packer at 5411'. Release from on/off tool and roll hole with packer fluid. 'J' onto on/off tool and SION
- 5/10/01 0 psi tp/cp. Open well and NDBOPE. NU new wellhead and test. Test casing to 1000 psi for 30 min. Good. RDWSU MO

ExxonMobil Production Company

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.

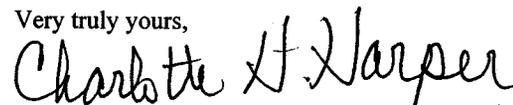
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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 29 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,

GENNIE 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 1	<i>DB/MC</i>
NATV AM MIN 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

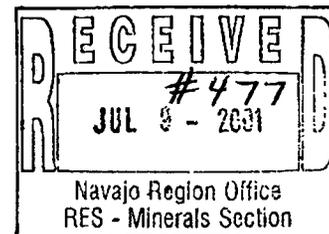
AS 7/12/2001
SH
543
File

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.

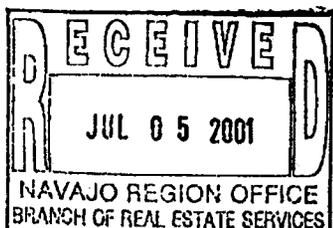
If you have any questions, please contact Alex Correa at (713) 431-1012.

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 Issac

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.

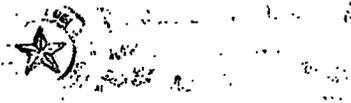
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

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

One Chubb Plaza South, Suite 1900, Houston, Texas 77027-3337
Houston, TX 77027-4600 • Fax: (713) 297-4750

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

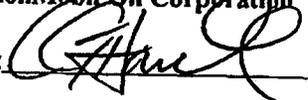
FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.

TO : ExxonMobil Oil Corporation

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th 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 } ss.
County of Somerset

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; 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 Kenneth C. Wendel is in the genuine handwriting of Kenneth C. Wendel; and that the signature of said Frank E. Robertson was thereto subscribed by authority of said Kenneth C. Wendel in the dependent's presence.



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.

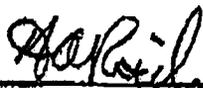
CSC
CSC

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.

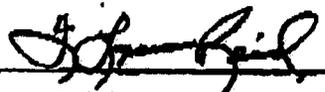
IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Risch, President 

STATE OF TEXAS)
COUNTY OF DALLAS)

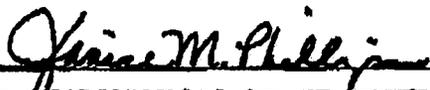
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.



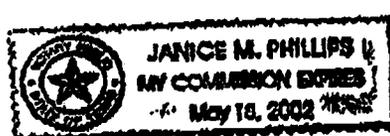
F. L. REID, Secretary

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 07/04
F010601000187

CSC 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

SAC

100 cc

**STATE OF NEW YORK
DEPARTMENT OF STATE**

Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

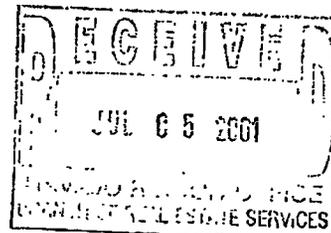
5959 Las Colinas Blvd.
(Mailing address)

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**



Special Deputy Secretary of State

OPERATOR CHANGE WORKSHEET

ROUTING

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: 06-01-2001	
FROM: (Old Operator):	TO: (New Operator):
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)						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
RATHERFORD 14-W-42	14-41S-23E	43-037-15860	6280	INDIAN	WI	A
RATHERFORD UNIT 14-31	14-41S-23E	43-037-31717	6280	INDIAN	WI	A
24-31	24-41S-23E	43-037-15862	6280	INDIAN	WI	A
24-42	24-41S-23E	43-037-15863	6280	INDIAN	WI	A
6-14	06-41S-24E	43-037-15984	6280	INDIAN	WI	A
7-12	07-41S-24E	43-037-15985	6280	INDIAN	WI	A
7-14	07-41S-24E	43-037-15986	6280	INDIAN	WI	A
7-34	07-41S-24E	43-037-15989	6280	INDIAN	WI	A
NAVAJO B41-7 (RATHERFORD 7-41)	07-41S-24E	43-037-15990	99990	INDIAN	WI	A
8-14	08-41S-24E	43-037-15992	6280	INDIAN	WI	A
RATHERFORD 8W43	08-41S-24E	43-037-16396	99996	INDIAN	WI	A
NAVAJO B-5 (RATHERFORD 9-43)	09-41S-24E	43-037-16400	99990	INDIAN	WI	I
NAVAJO B-6 (RATHERFORD 10W21)	10-41S-24E	43-037-16401	99990	INDIAN	WI	I
NAVAJO B-2 (RATHERFORD 10W23)	10-41S-24E	43-037-16402	99990	INDIAN	WI	I
NAVAJO W-2 (RATHERFORD 10W43)	10-41S-24E	43-037-16403	99990	INDIAN	WI	I
NAVAJO A-11 (RATHERFORD 15W21)	15-41S-24E	43-037-16411	99990	INDIAN	WI	I
NAVAJO A-19 (RATHERFORD 15W23)	15-41S-24E	43-037-16412	99990	INDIAN	WI	I
NAVAJO A-24 (RATHERFORD 15W43)	15-41S-24E	43-037-16413	99990	INDIAN	WI	I
16-12	16-41S-24E	43-037-15720	6280	INDIAN	WI	A
16-14	16-41S-24E	43-037-15721	6280	INDIAN	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
- Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
- 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: 04/10/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/10/2002

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:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
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:		6/1/2006
FROM: (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936	TO: (New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600	
CA No.	Unit:	RATHERFORD (UIC)

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
- If **NO**, the operator was contacted on: _____
- (R649-9-2)Waste Management Plan has been received on: requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- 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
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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:

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

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: PA002769
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/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:

- (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:

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

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:  Approval Date: 6/12/06
 Title: Field Operations Manager

Comments:

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		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 <i>N2700</i>		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: See attached list COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Greater Aneth
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: 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 (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 (See Instructions on Reverse Side)
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

SUNDRY NOTICES AND REPORTS ON WELLS		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: Ship Rock
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		7. UNIT or CA AGREEMENT NAME: UTU68931A
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <u>N1855</u>		8. WELL NAME and NUMBER: Ratherford
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY Houston STATE TX ZIP 77210-4358		9. API NUMBER: attached
PHONE NUMBER: (281) 654-1936		10. FIELD AND POOL, OR WILDCAT: Aneth
4. LOCATION OF WELL FOOTAGES AT SURFACE:		COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-368
SUNDRY NOTICES AND REPORTS ON WELLS 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 7. UNIT or CA AGREEMENT NAME: RATHERFORD
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: 7-12
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES	9. API NUMBER: 43037159850000
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950 , Denver, CO, 80202	PHONE NUMBER: 303 534-4600 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2140 FNL 0585 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 07 Township: 41.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: GREATER ANETH COUNTY: SAN JUAN STATE: UTAH

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 Approximate date work will start: 12/20/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input 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 checked="" 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 proposes to isolate the Chinle (as listed in the Horsly-Witten study), as no remediation has been done to date. Surface casing has a split at the surface and has fresh water seeping out. The proposed procedure, current well bore diagram and the proposed well bore diagram are attached. Work is expected to commence in the later part of December, 2013.

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

Date: December 18, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Sherry Glass	PHONE NUMBER 303 573-4886	TITLE Sr Regulatory Technician
SIGNATURE N/A	DATE 12/16/2013	

Chinle Remediation & Surface Casing Repair

Ratherford Unit 7W-12

2140' FNL & 585' FWL

Sec 7, T41S, R24E

San Juan County, Utah

API 43-037-15985

PRISM 0042940

Chinle & Surface Casing Cementing: Well is listed for Chinle isolation in the Horsley-Witten study, but no remediation done to date. Surface casing has a split at the surface and has fresh water seeping out. (Sundry Notice of Intent)

1. MIRU well service unit. Kill the well.
2. NU BOP's & test same.
3. Pick up on 2-3/8 tubing, Jay off injection packer, circulate kill fluid.
4. Pull & LD injection tubing and injection packer.
5. RIH & set 4-1/2" RBP @ ~1575' & place sand on top.
6. RU Electric Line & perforate 4-1/2 liner, cement & 7" casing at 1525-26' @ 4 spf (8 holes).
7. Pump in and confirm circulation back to surface* via braden head.
8. Set 4-1/2" CICR at ~1490'.
9. Sting into CICR and pump cement to cover the Chinle (top at 1465') back to surface. After cement returns arrive at surface, shut in returns & squeeze to 800 psi final pressure.
10. Sting out of CICR & leave 1/2 bbl of cement on CICR.
11. Reverse out, POOH. Wait on cement.
12. Drill out cement & CICR. Pressure test csg & cement to 1000 psi.

NOTE: If the pressure test fails, a 4-1/2" X-Span patch will be set over the squeeze perforations after the injection packer is set and before the injection tubing is run in the well.

13. Check the surface casing for cement subsidence & top off back to surface with cement if necessary.
14. Circulate out sand & retrieve RBP at ~1575'.
15. Run 4-1/2" injection packer w/plug in place & set at ~5380'.
16. Jay off packer & circulate packer fluid back to surface.
17. POOH & LD workstring.
18. RIH w/new 2-3/8 injection tubing string, jay onto packer, space out & land tubing.
19. Perform mock MIT after landing tubing.
20. ND BOP's & NU wellhead.
21. RU Wireline & retrieve plug from packer.
22. Schedule witnessed MIT with NNEPA.
23. RDMO well service unit.

*No record found of any CBL or temperature log for the 7" casing although the calculated top of cement is listed in well records at 3702'. This indicates that the Hermosa, with top at 4480', is most likely covered by cement and no further cementing is proposed for the Hermosa at this time. Most likely the Chinle, with top at 1465', is not covered by any cement and will be cemented off in this procedure.

Attachments:

1. Previous e-mail discussion of the well with Bill Freeman at NNEPA on Nov 26 – Dec 2, 2013.
2. Wellbore Diagrams – Existing Wellbore – Attachment No. 1,
Proposed Wellbore – Attachment No. 2

RATHERFORD UNIT # 7W-12

GREATER ANETH FIELD

2140' FNL & 585' FWL

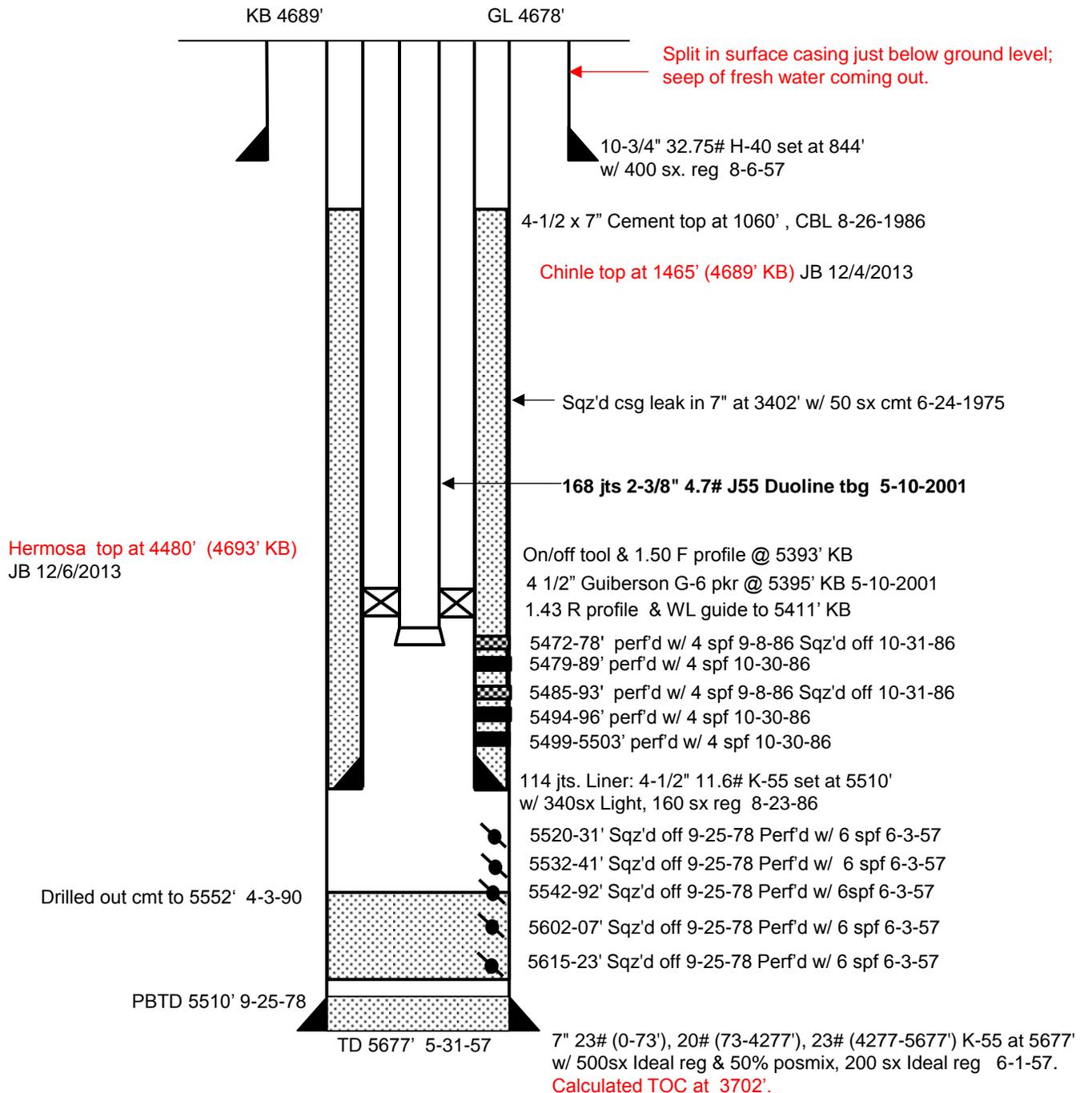
SEC 7-T41S-R24E

SAN JUAN COUNTY, UTAH

API 43-037-15985

PRISM 0042940

INJECTOR



RATHERFORD UNIT # 7W-12

GREATER ANETH FIELD

2140' FNL & 585' FWL

SEC 7-T41S-R24E

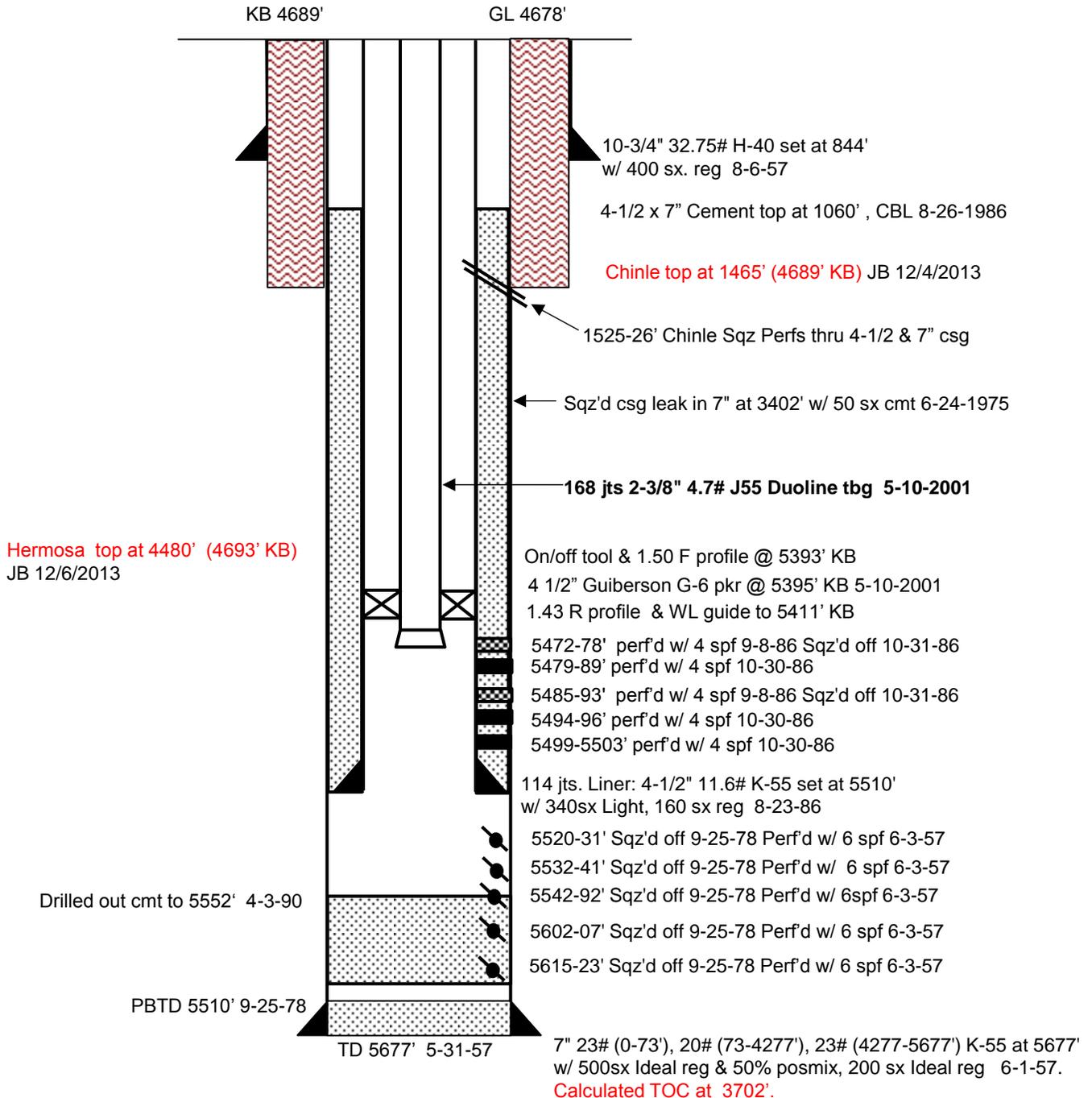
SAN JUAN COUNTY, UTAH

API 43-037-15985

PRISM 0042940

INJECTOR

Attachment 2: Proposed Wellbore



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-368
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
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.		7. UNIT or CA AGREEMENT NAME: RATHERFORD
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: 7-12
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		9. API NUMBER: 43037159850000
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950 , Denver, CO, 80202	PHONE NUMBER: 303 534-4600 Ext	9. FIELD and POOL or WILDCAT: GREATER ANETH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2140 FNL 0585 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 07 Township: 41.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN
		STATE: 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 type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/21/2014	<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 checked="" 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 completed the surface casing repair (remediation of the bradenhead fresh water flow and Chinle radiation as outlined in summary attached. New perforations were made from 1525-1527'. The well was completed for injection on 3-21-14. Well bore schematic is also attached.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 31, 2014**

NAME (PLEASE PRINT) Shery Glass	PHONE NUMBER 303 573-4886	TITLE Sr Regulatory Technician
SIGNATURE N/A	DATE 3/25/2014	



Daily Activity Summary

Well Name: Ratherford U 0712

API Number 4303715985		Section 7	Township 41S	Range 24E	Field Name Ratherford	County San Juan	State/Province Utah
Ground Elevation (ft) 4,697.00	Original KB Elevation (ft) 4,689.00	KB-Ground Distance (ft) -8.00		Regulatory Spud Date 4/29/1957 00:00	Rig Release Date/Time 4/29/1957 00:00	First Production Date	
Job Category Workover			Primary Job Type W/O Injection Well				
Start Date 3/4/2014			End Date 3/24/2014				
Objective Job Scope: Pull tubing and 4-1/2" packer, perforate 4-1/2" and 7" casing. Perform Chinle cement squeeze and run new packer and tubing.							
Contractor Key			Rig Number 670	Rig on Report Date 3/4/2014		Rig off report date 3/24/2014	
Report Number	Start Date	End Date	Summary				
1	12/16/2013	12/16/2013	Locate and test 4 anchors to 25K. test ok. installed 4 anchor tags				
2	3/4/2014	3/4/2014	Had Lansing Const haul four loads of pit run to build up a rig pad, MWS on location w/ backhoe to back fill hole by well head & build up rig pad.				
3	3/6/2014	3/6/2014	Rode rig to location, filled out jsa, tailgate meeting, lo-to injection line, set out safety equipments, set rig pad, spot in rig, RU WSU, spot in rig equipments, RU pump & pit, SDFD.				
4	3/7/2014	3/7/2014	Filled out jsa, tailgate meeting, no psi on well. NDWH, NU BOP/hydril. RU floor and tongs, psi test BOP's. LD tbg hanger, well dead. Released pkr, POH 7, LD injection tbg and pkr. TIH with 43 jts of 2-3/8" tbg for kill string. SIW, secured tbg on trailer, PU tools, SDFD.				
5	3/10/2014	3/10/2014	Filled out jsa, tailgate meeting. TOH w/ kill string. MU and TIH with bit/scraper and 43 jts from derrick. PU 129 jts off trailer, LD one jt (total of 171 jts in the hole). Run scraper to 5440', circ 160 bbls of FW. TOH w/ tbg and LD bit/scraper. TIH w/ first RBP, set RBP at 5000', j-off pkr. Load and test to 1000# psi - test good. TOH and changed out on/off tool. TBIH with 2nd RBP and 50 jts, set RBP @ 1586'. SIW, PU tools, SDFD.				
6	3/11/2014	3/11/2014	Filled out jsa, tailgate meeting. Pressure test RBP @ 1586' - test good. TOH with tbg, spot in RU Blue Jet. RIH w/ dump bailer and spot sand on top of RBP. POH and LD tool. RIH with perf gun, shot perf hole @ 1525'-1527', est circ to surface. RDMO WL, TIH with CICR and set at 1474'. Spot in Baker Hughes w/ cmt. RU hard lines, pumped cmt. RDMO Baker Hughes, PU tools, SDFD.				
7	3/12/2014	3/12/2014	No rig activity, crew on stand-by, waiting on cement to set up.				
8	3/13/2014	3/13/2014	Filled out jsa, tailgate meeting, changed out csg valves. TIH with mill and tbg from derrick, tagged up cmt and retainer. RU swivel w/ jt 47, est circ. Milled 1', RD swivel, TOH w/ tbg. SIW, PU tools, SDFD.				
9	3/14/2014	3/14/2014	Filled out jsa, tailgate meeting, tih with mill & drill collars, milled out CICR & cement, toh & ld collars, test csg to 1050# psi, tested good, tih with magnet, toh & ld magnet, SIW, p/u tools, SDFD.				
10	3/17/2014	3/17/2014	Filled out jsa, tailgate meeting, open up well, TIH with retrieving tools and pull RBP's @ 1586' & 5000', TIH w/ new prod pkr, there was a change in plans, toh & ld pkr, tih w/scraper only & 51 jts to 1620', got to windy to trip pipe, SIW, secured tbg on trailer, p/u tools, SDFD.				
11	3/18/2014	3/18/2014	Filled out jsa, tailgate meeting, toh & ld scraper, tih with bit/bit sub, c/o with N2 Unit from 5452' to 5512'KB, RDMO N2 Unit, RD swivel, LD 5 jts, toh with 169 jts, LD bit, tih with new injection packer, set pkr @ 5380', SIW, secured tbg on trailer, SDFD.				
12	3/19/2014	3/19/2014	Filled out jsa, tailgate meeting, no psi on well, circ packer fluid, test csg to 1070# psi, test good, bled off psi, poh & laid down workstring, swap out tbg trialer, p/u & tih with new on/off tool, 165 jts of new 2 3/8" Duoline/PLS Tbg, spaced out w/ 16' of subs, 1 landing jt, SIW, SDFD.				
13	3/20/2014	3/20/2014	Filled out jsa, tailgate meeting, made up tbg hanger, land tbg, pressure test tbg, performed MOCK MIT, test good, ND bop's, NU tree, spot in WL, speared and pulled 1.50 plug, RDWSU, MOL, spot WL back in and ran a 1.43" GR, ran a BHP Tool down to 5363', waited one hr, poh & RDWL, SIW, SDFD.				
14	3/21/2014	3/21/2014	Filled out jsa's. Dug out csg, cut window open on 10-3/4" surface csg. Tag top of cement 21' from surface. Pumped 1.5 bbls of TypeIII Neat Cement to surface. Weld a plate on csg, back-filled hole, clean up location.				
15	3/24/2014	3/24/2014	RU well check, MIT csg to 1000 psi for 30 min - good. Passed MIT, witnessed by Jean Bia w/ NNEPA.				
16	3/25/2014	3/25/2014					

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-368
SUNDRY NOTICES AND REPORTS ON WELLS 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 7. UNIT or CA AGREEMENT NAME: RATHERFORD
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: 7-12
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES	9. API NUMBER: 43037159850000
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535	PHONE NUMBER: 303 534-4600 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2140 FNL 0585 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 07 Township: 41.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: GREATER ANETH COUNTY: SAN JUAN STATE: UTAH

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 Approximate date work will start: 8/7/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT 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 acid treatment on the above well. Attached are the procedures and schematic

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

Date: August 06, 2015
 By: *Dark Duff*

NAME (PLEASE PRINT) Erin Joseph	PHONE NUMBER 303 573-4886	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 8/4/2015	

Resolute

Natural Resources

Re: RU Injection Well 7W-12 Bullhead Acid Stimulation

Procedure

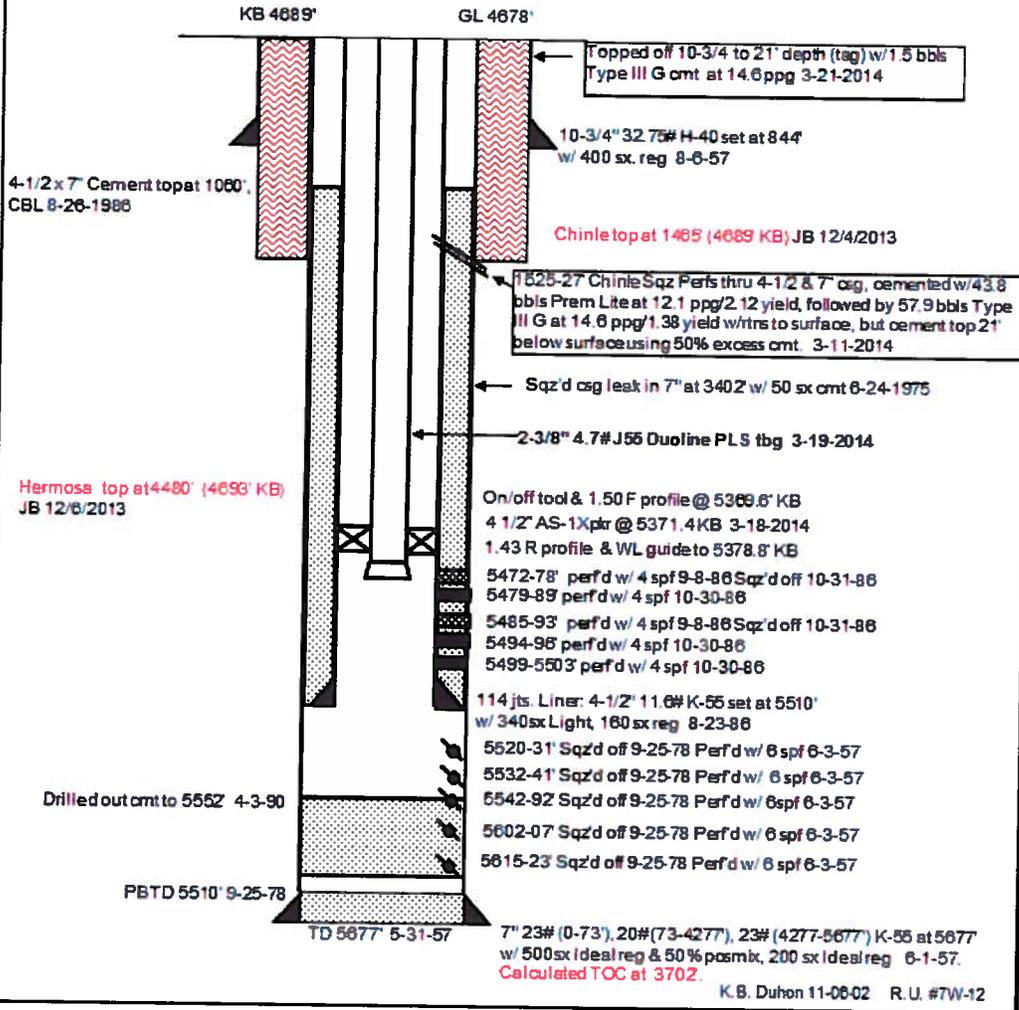
Horsley-Witten: Not Applicable.

1. Check crown valve & wing valve for integrity before rigging up.
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, or well dies, then shut in.
4. RU pumping equipment to wellhead & PT lines. Record TP, CP, Bradenhead P (BHP).
5. Pump 400 gal xylene, 2000 gal inhibited 20% HCl, followed by 25 bbls produced water displacement, stopping for 30 min soak after xylene "turns the corner" into perfs (22.7 bbls behind xylene). **Pump displacement volume at max rate possible, staying under 3000 psi TP.** Monitor CP & BHP while pumping.
6. Rig down pumping equipment. Allow 2 hrs minimum soak time after acid displacement before returning to injection.
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.

RATHERFORD UNIT # 7W-12
 GREATER ANETH FIELD
 2140' FNL & 585' FWL
 SEC 7-T41S-R24E
 SAN JUAN COUNTY, UTAH
 API 43-037-15985
 PRISM 0042940

INJECTOR

**Attachment 1:
 Final Wellbore**



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-368
SUNDRY NOTICES AND REPORTS ON WELLS 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 7.UNIT or CA AGREEMENT NAME: RATHERFORD
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: 7-12
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES	9. API NUMBER: 43037159850000
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535	PHONE NUMBER: 303 534-4600 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2140 FNL 0585 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 07 Township: 41.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: GREATER ANETH COUNTY: SAN JUAN STATE: 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: 8/10/2015	<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 respectfully submits this sundry as notice that the acid treatment on the above well was completed on 8/10/15

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 06, 2016

NAME (PLEASE PRINT) Erin Joseph	PHONE NUMBER 303 573-4886	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 1/5/2016	