

FILE NOTATIONS

Entered in NID File	.....X.....	Checked by Chief	.....X.....
Entered On S R Sheet	.....X.....	Copy NID to Field Office	.....X.....
Location Map Pinned	.....X.....	Approval Letter	.....X.....
Card Indexed	.....X.....	Disapproval Letter	.....
IWR for State or Fee Land	.....	

COMPLETION DATA:

Date Well Completed 8-23--57 Location Inspected

OW X WW..... TA..... Bond released

GW..... OS..... PA..... State of Fee Land

LOGS FILED

Driller's Log 12-20 57

Electric Logs (No,) 5

E X I..... E-L X GR..... GR-N X Misc X

Lat..... MIL..... Sonic..... Others Reston Gauge

~~SHELL OIL COMPANY~~ - WELL NO. NORTH DESERT CREEK 42-11 RATHER
 PHILLIPS ~~Oil Co.~~ SEC. OIL CO. AFE 43-032 - FORD
 Sec. 11, T. 41 S, R. 23 E, San Juan County 1584 11-4

MICROFICHE

200
85111

Scout Report sent out



Noted in the NID File



Location map pinned



Approval or Disapproval Letter



Date Completed, P. & A. or

* Operations suspended

Pin changed on location map



Affidavit and Record of A & P



Water Shut-Off Test



Gas-Oil Ratio Test



Well Log Filed



UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS:

DATE FILED 7-15-57 Nav-14-20-
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN 603-246
 DRILLING APPROVED: 7-15-57
 SPUDDED IN: 7-15-57
 COMPLETED: 8-23-57
 INITIAL PRODUCTION: ~~592 BOPD~~ 560 BOPD 3000 * 1952
 GRAVITY A. P. I. 40°
 GOR: 705:1
 PRODUCING ZONES: Paradox: 5303-32'; 5340-92'
 TOTAL DEPTH: 5268' Paradox
 WELL ELEVATION: 4485.71 GR; 4495.86 DF; 4497.36 KB **060730**
 DATE ABANDONED:
 FIELD OR DISTRICT: ~~Rutherford~~ Aneth
 COUNTY: San Juan
 WELL NO. RATHERFORD 42 - 11 (Rutherford 11-42) A15 43-1317-15841
 LOCATION: 3290 FT. FROM (S) LINE, 4617 FT. FROM (W) LINE. SE NE QUARTER - QUARTER SEC. 11

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>41 S</u>	<u>23 E</u>	<u>11</u>	<u>PHILLIPS OIL COMPANY</u> SHELL OIL COMPANY 57

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaidoo	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly 2388'	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite 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 4267'	Lynch
Wasatch	Curtis	Upper	Bowman
Colton	Entrade	Lower	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox 5268'	Tintic
Paleocene	Glen Canyon Gr.	A	PRE-CAMBRIAN
Current Creek	Nava jo	B	
North Horn	Kayento	C	
CRETACEOUS	Wingate	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle	Chairman shale	
Price River	Shinarump 2080'	Humbug	
Blackhawk	Moenkapi 2180'	Joana limestone	

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

	11		X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal Lands

Lease No. 14-20-603-246

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)

July 11, 1957

North Desert Creek
Well No. 42-11 is located 3290 ft. from N line and 4617 ft. from W line of sec. 11

NE 11 41S 23E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
North Desert Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drank floor above sea level~~ is 4484 ft. (Approx. ground)

DETAILS OF WORK

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

1. Drill 11" hole to 1200'±.
2. Cement 8-5/8" casing at 1200'± with 600 sacks construction cement.
3. Drill 7-7/8" hole to 5230'±. Core 7-7/8" hole from 5230-5430'.
4. Cement 5-1/2" casing at 5430' with 200 sacks construction cement.
5. Perforate four 1/2" holes/ft 5250'± - 5300'±.
6. Wash perforations with 200 gal mud acid and acidize with 2000 gal XFW acid.
7. Swab and produce well until acid water recovered.
8. Perforate four 1/2" holes/ft 5305-5400.
9. Wash perforations with 500 gal mud acid.
10. Place well on production, establish initial rate.

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

Company Shell Oil Company

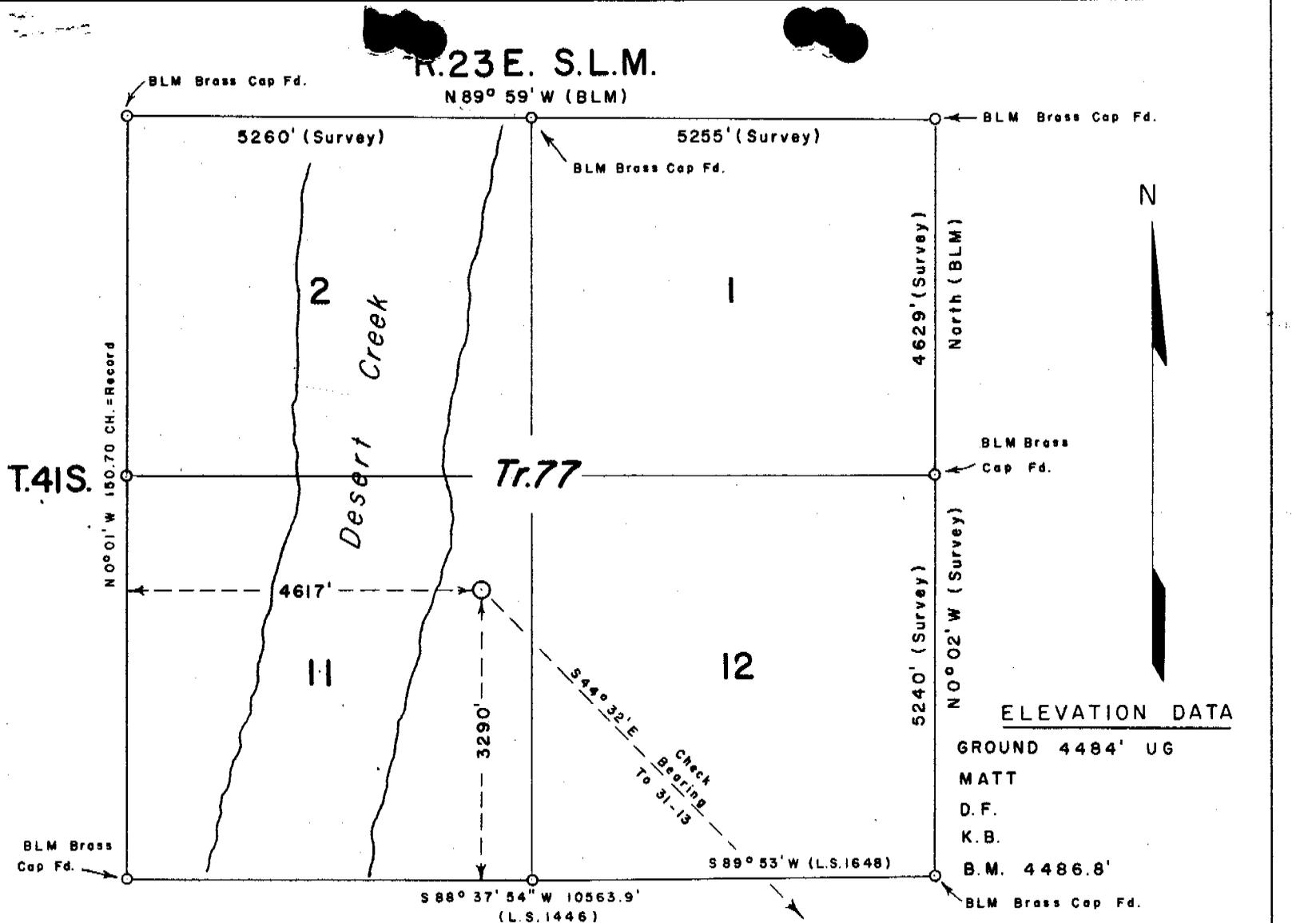
Address 101 South Behrend

Farmington, New Mexico

By B. W. Shepard

B. W. Shepard

Title Exploitation Engineer



REFERENCE POINT DATUM -

1"x2" stakes set at 10' N., S., E. & W. of Loc.
 1"x2" stake and 3' flag set at 125' N., 203' S., 120' W., & 200' E. of Loc.
 1"x2" hub and 10' flag set at Loc. being 4617' E. & 3290' N. of the SW Cor. of Sec. 11, Tr. 77, T. 41 S., R. 23E., S.L.M.
 1"x2" hub and 3' flag bears N. 89° 53' E. 200' from Loc. for B.M.,
 Elevations shown hereon are in reference to triangulation station Pete checked into our elevation circuit in the Recapture Creek field.

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

John A. Kroeger
 John A. Kroeger, Lic. S.S.
 Utah Reg. No. 1648



Drawn By: Ritter	SHELL OIL COMPANY	Scale: 1" = 2000'
Checked By: A.C.T.		
Date: 7/5/57		

LOCATION OF NORTH DESERT CREEK 42-11
 SAN JUAN COUNTY, UTAH, Tr. 77, Sec. 11, T. 41S., R. 23E., S.L.M.

July 15, 1957

Shell Oil Company
101 South Behrend
Farmington, New Mexico

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. North Desert Creek 42-11, which is to be located 3290 feet from the south line and 4617 feet from the west line of Section 11, Township 41 South, Range 23 East, S11M, 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

OLEON B. FEIGHT
SECRETARY

OB:fen

cc: Phil McGrath/ Jerry Long
UGGS, Farmington, New Mexico

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(SUBMIT IN TRIPLICATE)

Navajo

Indian Agency

	11	X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Allottee Tribal Lands
Lease No. 14-20-603-246

*Notes
Cox
8-6-57*

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

July 26, 1957

Well No. 42-11 is located 3290 ft. from NS line and 4617 ft. from EW line of sec. 11
NE 11 41S 23E SLEB
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
North Desert Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~bottom hole~~ 4484 ft. (Approx. ground)

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 7-15-57)

7-19-57 Ran and cemented 8-5/8", 24#, J-55 casing at 1245' with 400 sacks Pennix followed by 400 sacks treated construction cement, left pipe full of cement. Cemented around outside of casing with 900 sacks cement last 300 treated. (Killed water flow). Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi, OK.

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

Company Shell Oil Company
 Address 101 South Behrend
Farmington, New Mexico

By B. W. Shepard
B. W. Shepard
 Title Exploitation Engineer

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Ratherford

DRILLING REPORT

11

(FIELD)

FOR PERIOD ENDING

(SECTION OR LEASE)

San Juan, Utah

8-16-57

T41S R23E

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTH		REMARKS
	FROM	TO	
57			
			<p><u>Location:</u> 3290' N and 4617' E of SW Corner, Section 11, T41S, R23E, S.L.B.M., San Juan County, Utah.</p> <p><u>Elevations:</u> DF 4495.86' GR 4485.71' KB 4497.36'</p>
7-15	0	40	Spudded 2:00 P.M.
7-16 to 7-21	40	1260	<p><u>Drilled 1220'</u>. Ran and cemented 8-5/8", 24#, J-55 Republic casing at 1245' with 400 sacks pozzo mix followed by 400 sacks treated with 2% calcium chloride. Bridged off after mixing 900 sacks cement, left casing full of cement. Cemented around outside of casing with 900 sacks treated cement. Returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi., O.K.</p>
7-22 to 8-10	1260	5241	<p><u>Drilled 3981'</u>. Ran Electrical Survey at 4631'.</p>
8-11 to 8-15	5241	5460	<p><u>Cored 204'</u>. Drilled 15'. Cut Core #1 5241-5293. Recovered 52'. Core #2 5297-5350, Recovered 53'. Core #3 5350-5400, Recovered 50'. Core #4 5400-5448, Recovered 48'. Ran Electrical Survey, Microlog and Gamma Ray Neutron Logs.</p>
8-16			<p>Ran and cemented (5439') 5-1/2", 14#, J-55 Spang casing at 5451' with 200 sacks construction cement. Final pressure 1800 psi. Released rig 5:00 P.M. 8-16-57. Checked BOP daily.</p> <p><u>Mud Summary:</u> Wt. 9.9-10.4#/gal. Vis. 31-69 sec. WL 3-9 cc. FC 1-2/32 in. pH 12-12.5</p> <p>Contractor: Hewit & Gulick Drilling Company</p> <p>Drillers: G. C. Kennedy, J. R. Mercer, E. C. Wayland</p>

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
<p>3</p> <p>DRILL PIPE SIZES</p>				

B. B. Robinson

DRILLING REPORT
FOR PERIOD ENDING

11

Ratherford
(FIELD)
San Juan, Utah
(COUNTY)

(SECTION OR LEASE)
T41S R23E
(TOWNSHIP OR RANGHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
8-19	5460	TD	Moved in well pulling unit. Perforated four 1/2" holes/ft. 5303-07, 5311-25, 5328-32.
8-20			Hung 2-7/8" tubing at 5366' with packer at 5280'. Washed perforations with 200 gal. mud acid. Reversed out mud acid, injected 2000 gal. XFW acid - maximum pressure 2500 psi. average injection rate 0.53 bbl./min.
8-21			Swabbed 1 hr. 30 minutes, well started to flow. Tested 1 hour 53 minutes, flowed 254 B/D gross, 232 B/D clean, cut 7.2%, 40° API gravity, 48/64" choke, 327 MCF/D gas, GOR 1460, TP 65. Shut in. Perforated four 1/2" holes/ft. 5340-46, 5350-67, 5378-92.
8-22			Mud acid washed interval 5340-92. Set packer at 5251, injected 2000 gal. XFW acid followed by 2000 gal. retarded acid, initial, final and maximum pressures 4000 psi. Flushed with 80 bbls. water. Released Completion rig 8:00 P.M. 8-22-57. <u>INITIAL PRODUCTION</u> Flowing 592 B/D gross, 560 B/D clean, 5.4% cut, gravity 40° API, 32/64" choke, 395 MCF/D gas, GOR 705, TP 200. Completed 8-23-57.

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	1260	8-5/8"	1245'
7-7/8"	1260	5460	5-1/2"	5451'
DRILL PIPE SIZES 4-1/2"				

B. B. Robinson

SIGNED

(SUBMIT IN TRIPLICATE)

11		X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal Lands
Lease No. 14-20-603-246

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		<u>Subsequent Report of Well Completion</u>	X

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

August 29, 1957

North Desert Creek
Well No. 42-11 is located 3290 ft. from S line and 4617 ft. from EX line of sec. 11

NE 11 41S 23E SLEM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
North Desert Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~Derrick floor~~ ^{Kelly Bushing} above sea level is 4497.36 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)

- 8-15, 16-57 Ran and cemented 5-1/2" 14# J-55 casing at 5451' with 200 sacks treated cement. Flanged up.
- 8-16 to 8-20-57 Perforate four 1/2" holes/ft. at 5303-07', 5311-25', 5328-32'. Hung 2-7/8" tubing at 5366'. Washed perforations w/200 gal. mud acid. Injected 2000 gal. XFW.
- 8-21-57 Stabbed till well flowed. Killed well with water. Perforated four 1/2" HFP at 5340-46', 5350-67', 5378-92'.
- 8-22-57 Mud acid washed perforations. Acidised with 2000 gal. XFW followed by 2000 gal gal X100. Stabbed well till flowing.
- 8-23-57 Initial Production
Flowing 992 B/D gross, 560 B/D clean, 5.4% cut, gravity 40° API, 32/64" bean, 395 MCF/D gas, GOR 705, TP 200 (7 hr. test).
Completed 8-23-57

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

Company Shell Oil Company
Address 101 S. Behrend
Farmington, N. M.
By B. V. Shepard
B. V. Shepard
Title Exploitation Engineer

SHELL OIL COMPANY

AREA OR FIELD North Desert Creek

WEEK ENDING _____

CORE RECORD

COMPANY Shell Oil Company

CORE FROM _____ TO _____

LEASE AND WELL NO. North Desert Creek 42-11

CORES EXAMINED BY _____

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS
							OIL-GAS
							CORE OR DITCH
5425	5426.8	1.8'		<u>Limestone</u> , as above.			See Descript
5426.8	5428.7	1.9'		<u>Dolomite</u> , light grayish brown, II/III VF-FA, trace B, trace C, shaly, slightly limy.			
5428.7	5429.6	.9'		<u>Dolomite</u> , II/III VF-FA.			
5429.6	5430.4	.8'		<u>Dolomite</u> , light brown, II A.			
5430.4	5435.8	4.6'		<u>Dolomite</u> , as above, stylolitic.			
5435.8	5436.7	.9'		<u>Dolomite</u> , II/III VFA.			
5436.7	5437.5	.8'		<u>Dolomite</u> , as above, (micro-G).			
5437.5	5439.4	1.9'		<u>Dolomite</u> , dark gray, III VFA, slightly limy, crinoids.			
5439.4	5440.2	.8'		<u>Dolomite</u> , black, I/II VFA, slightly limy, argillaceous, rare brachiopods.			
5440.2	5448	7.8		<u>Shale</u> , black, dolomitic.			

SHELL OIL COMPANY

WEEK ENDING _____

CORE FROM _____ TO _____

CORES EXAMINED BY _____

CORE RECORD

 AREA OR FIELD North Desert Creek
 COMPANY Shell Oil Company
North Desert Creek 42-11
 LEASE AND WELL NO. _____

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS	
							OIL-GAS	
							CORE OR DITCH	
	5390.6	5391.6	1'	<u>Limestone</u> , as above + B ₂ + C ₂ .			See Description	
	5391.6	5392.6	1'	<u>Limestone</u> , as above, + B ₂ + C ₃ .				
	5392.6	5393.6	1'	<u>Limestone</u> , as above, + B ₂ + C ₅ , brecciated.				
	5393.6	5394.6	1'	<u>Limestone</u> , as above, + B ₁ + C ₅ + D ₁ , brecciated.				
	5394.6	5395.6	1'	<u>Limestone</u> , as above, + B ₁ + C ₃ .				
	5395.6	5396.6	1'	<u>Limestone</u> , as above, + B ₂ + C ₂ , brecciated.				
	5396.6	5397.2	.6'	<u>Limestone</u> , medium gray, I VF-LA + B ₁ + C ₁ , brecciated.				
	5397.2	5398.2	1'	<u>Limestone</u> , light gray, I VFA + B ₁ + C ₁ .				
	5398.2	5399	.8'	<u>Limestone</u> , as above + C ₁ .				
	5399	5400	1'	<u>Limestone</u> , as above, I/III VF-MA + trace C, brecciated, stylolitic, dolomitic.				
CORE #4 5400-5425. Recovered 48'								
	5400	5401	1'	<u>Limestone</u> , medium gray, I/III VFA + trace B + trace C, slightly dolomitic, slightly brecciated.				
	5401	5407	6'	<u>Limestone</u> , as above, brecciated, with anhydritic infilling of fractures.				
	5407	5408	1'	<u>Limestone</u> , as above, stylolitic.				
	5408	5408.8	.8'	<u>Dolomite</u> , light gray, III/II VF-FA.				
	5408.8	5409.8	1'	<u>Dolomite</u> , as above, with anhydrite filled vertical fractures.				
	5409.8	5410.8	1'	<u>Limestone</u> , dark gray, anhydritic, brecciated, stylolitic.				
	5410.8	5411.5	.7'	<u>Dolomite</u> , light gray, III/II VF-FA, hairline vertical fractures; slightly limy.				
	5411.5	5412.8	1.3'	<u>Limestone</u> , dark gray, I VFA, numerous brachiopods.				
	5412.8	5414.4	1.6'	<u>Limestone</u> , as above, shaly, stylolitic.				
	5414.4	5415.2	.8'	<u>Limestone</u> , dark gray, I VF-LA, numerous brachiopods, stylolitic.				
	5415.2	5416	.8'	<u>Dolomite</u> , light grayish brown, II/III VF-FA.				
	5416	5417	1'	<u>Dolomite</u> , light gray, II A.				
	5417	5419.8	2.8'	<u>Dolomite</u> , as above + vertical fractures sealed with calcite.				
	5419.8	5420.7	.9'	<u>Dolomite</u> , I VFA, slightly limy.				
	5420.7	5421.5	.8'	<u>Limestone</u> , dark gray, I VFA, brecciated, replaced with dolomite.				
	5421.5	5422.5	1'	<u>Limestone</u> , light gray, I/II VF-FA, stylolitic, brecciated, filled with anhydrite and dolomite?				
	5422.5	5424.2	1.7'	<u>Limestone</u> , as above, stylolitic.				
	5424.2	5425	.8'	<u>Limestone</u> , light gray, III/II VF-FA, trace B + trace C, stylolitic.				

SYMBOLS: C-CLAY OR SHALE (SAND 0-5%). 1-CLAY OR SHALE WITH SAND STREAKS (SAND 5-25%). 2-CLAY OR SHALE AND SAND (SAND 25-60%). 3-SAND WITH SHALE STREAKS (SAND 60-90%). S-SAND (90-100%).

NOTE: SHOW FLUID CONTENT AS IN STANDARD LEGEND.

SHELL OIL COMPANY

WEEK ENDING _____

CORE FROM _____ TO _____

CORES EXAMINED BY _____

CORE RECORD

AREA OR FIELD North Desert Creek

COMPANY Shell Oil Company

North Desert Creek 42-11

LEASE AND WELL NO. _____

I.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS OIL-GAS
							CORE OR DITCH
	5353.2	5354	1.8'	<u>Dolomite</u> , medium brown, III/I VFA, + B ₂ + C ₁ , limy.			See Description
	5354	5355	1'	<u>Dolomite</u> , as above, III VFA + B ₅ , limy.			
	5355	5356	1'	<u>Dolomite</u> , as above, III VFA + B ₇ + C ₂ , limy.			
	5356	5356.8	.8'	<u>Dolomite</u> , as above, I/III VFA + B ₃ + C ₂ , limy.			
	5356.8	5357	.2'	<u>Dolomite</u> , as above, B ₂ + C ₅ , limy.			
	5357	5358.8	1.8'	<u>Dolomite</u> , as above, I VFA + C ₄ + D ₁ , limy.			
	5358.8	5360.8	2'	<u>Dolomite</u> , as above, I VFA + B ₃ + C ₅ + D ₁ , limy.			
	5360.8	5362.8	2'	<u>Dolomite</u> , as above, III/I VFA + B ₃ + C ₁ , limy.			
	5362.8	5363.8	1'	<u>Dolomite</u> , dark brown, III VFA + B ₅ + C ₂ , limy.			
	5363.8	5364.6	.8'	<u>Dolomite</u> , as above, III/I VFA + B ₃ + C ₂ , limy.			
	5364.6	5365.6	1'	<u>Dolomite</u> , as above, III/I VFA + B ₃ + C ₁ , limy.			
	5365.6	5366.6	1'	<u>Dolomite</u> , as above.			
	5366.6	5367.6	1'	<u>Limestone</u> , light brown, I/III VFA + B ₂ + C ₁ .			
	5367.6	5368.4	.8'	<u>Limestone</u> , as above, III/I VFA + B ₂ + C ₁ .			
	5368.4	5369.5	1.1'	<u>Dolomite</u> , medium gray, I VFA, limy, stylolitic.			
	5369.5	5371.2	1.7'	<u>Limestone</u> , as above, I VFA, stylolitic.			
	5371.2	5373	1.8'	<u>Limestone</u> , as above, II/I VFA, very dolomitic.			
	5373	5374.8	1.8'	<u>Dolomite</u> , medium gray, II/III VF-FA.			
	5374.8	5376.6	1.8'	<u>Dolomite</u> , as above, I/II VFA, limy.			
	5376.6	5377.6	1'	<u>Dolomite</u> , dark gray, I VFA, limy, black shale partings.			
	5377.6	5378.8	1.2	<u>Limestone</u> , light gray, I VFA, common crinoids.			
	5378.8	5379.8	1'	<u>Limestone</u> , medium gray, I VFA, lighographic, platy, microfractured, stylolitic.			
	5379.8	5380.6	.8'	<u>Limestone</u> , as above, I VFA + C ₂ + D ₃ , highly brecciated, calcite healed.			
	5380.6	5381.6	1'	<u>Limestone</u> , light gray, I VFA + C ₇ + D ₅ .			
	5381.6	5382.6	1'	<u>Limestone</u> , as above + C ₃ + D ₅ .			
	5382.6	5383.6	1'	<u>Limestone</u> , as above, I VFA + C ₁ + B ₂ , stylolitic.			
	5383.6	5384.6	1'	<u>Limestone</u> , as above, + C ₁ + D ₂ + high angle fractures.			
	5384.6	5386	1.4'	<u>Limestone</u> , dark gray, I VFA, stylolitic.			
	5386	5387	1'	<u>Limestone</u> , as above, I VFA, numerous calcite healed vertical fractures.			
	5387	5387.7	1.7'	<u>Limestone</u> , as above, I VFA + B ₅ .			
	5387.7	5388.7	1'	<u>Limestone</u> , as above, I VFA + B ₃ + C ₁ .			
	5388.7	5389.6	.9'	<u>Limestone</u> , as above, I VFA + C ₁ + D ₁ , stylolitic.			
	5389.6	5390.6	1'	<u>Limestone</u> , light grayish brown, I VFA + B ₂ + C ₃ , brecciated, stylolitic.			

SYMBOLS: C-CLAY OR SHALE (SAND 0-5%). 1-CLAY OR SHALE WITH SAND STREAKS (SAND 5-25%). 2-CLAY OR SHALE AND SAND (SAND 25-60%). 3-SAND WITH SHALE STREAKS (SAND 60-90%). S-SAND (90-100%).
 NOTE: SHOW FLUID CONTENT AS IN STANDARD LEGEND.

SHELL OIL COMPANY

WEEK ENDING _____

CORE FROM _____ TO _____

CORES EXAMINED BY _____

CORE RECORD

AREA OR FIELD North Desert Creek

COMPANY Shell Oil Company

LEASE AND WELL NO. North Desert Creek 42-11

FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS
						OIL-GAS
						CORE OR DITCH
5322	5323	1'	<u>Dolomite</u> , as above + B ₄ + C ₁ .			See Description
5323	5325	2'	<u>Dolomite</u> , III FA + B ₄ + C ₁ .			
5325	5326	1'	<u>Dolomite</u> , I/II A + B ₂ ⁵ + trace C, stylolitic?, slightly brecciated.			
5326	5327	1'	<u>Limestone</u> , light brown, I VF-LA, stylolitic.			
5327	5328	1'	<u>Limestone</u> , light gray, III FA + B ₂ + C ₁ + D _{tr} , stylolitic.			
5328	5329	1'	<u>Limestone</u> , as above + high-angle fractures.			
5329	5330	1'	<u>Limestone</u> , as above, II/III VF-FA.			
5330	5331	1'	<u>Limestone</u> , as above, tight, II/III VF-FA + B ₂ , trace C, trace D, common abundant hairline fractures (washed out along fractures).			
5331	5332	2'	<u>Limestone</u> , as above, I/II VFA, trace B, common hairline fractures as above, stylolitic.			
5333	5334	1'	<u>Limestone</u> , as above, no porosity, hairline fractures.			
5334	5335	1'	<u>Limestone</u> , as above, I/II VFA + B ₁ + trace C ₁ , fractures and stylolitic.			
5335	5337	2'	<u>Limestone</u> , as above, + B ₂ + C ₁ + trace D, fractures as above, stylolitic as above.			
5337	5339	2'	<u>Limestone</u> , dark grayish brown, I VFA + B ₂ + C ₁ , stylolitic, no fractures.			
5339	5340	1'	<u>Limestone</u> , color as above, I VF-LA + B ₂ + trace C, stylolitic.			
5340	5341	1'	<u>Limestone</u> , I VF-FA + B ₂ + trace C with large chert masses; slightly fractured.			
5341	5342	1'	<u>Limestone</u> , I/II VF-FA + B ₂ + C ₁ , coral-algae?? bryo?			
5342	5343	1'	<u>Limestone</u> , as above + B ₃ + C ₂ + trace D, abundant crinoids.			
5343	5344	1'	<u>Limestone</u> , as above + B ₅ + C ₂ + trace D, abundant crinoids.			
5344	5345	1'	<u>Limestone</u> , as above, with dense streaks.			
5345	5347	2'	<u>Limestone</u> , as above, I VF-FA + B ₂ + C ₁ , very abundant crinoid stems.			
5347	5348	1'	<u>Limestone</u> , light grayish brown, I VFA, stylolitic.			
5348	5349	1'	<u>Limestone</u> , as above, I VF-LA, trace B, oolitic?, stylolitic.			
5349	5350	1'	<u>Limestone</u> , as above, I VF-MA.			
ORE #3, 5350-5400, Recovered 50'						
5350	5351	1'	<u>Limestone</u> , as above, dolomitic, II/I VFA, common crinoids.			
5351	5351.5	.5'	<u>Chert</u> , light blue -- gray, bedded.			
5351.5	5352	.5'	<u>Limestone</u> , as above, III/I VFA, trace C.			
5352	5353.2	1.2'	<u>Limestone</u> , as above, I/III VFA, trace B, common crinoids.			

SYMBOLS: C-CLAY OR SHALE (SAND 0-5%). 1-CLAY OR SHALE WITH SAND STREAKS (SAND 5-25%). 2-CLAY OR SHALE AND SAND (SAND 25-60%). 3-SAND WITH SHALE STREAKS (SAND 60-90%). 5-SAND (90-100%).
 NOTE: SHOW FLUID CONTENT AS IN STANDARD LEGEND.

SHELL OIL COMPANY

WEEK ENDING _____

AREA OR FIELD North Desert Creek

CORE FROM _____ TO _____

CORE RECORD

COMPANY Shell Oil Company

CORES EXAMINED BY _____

LEASE AND WELL NO. North Desert Creek 4

NO.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS
							OIL-GAS
							CORE OR DITCH
	5284	5285	1'	<u>Limestone</u> , as above, II VFA, shaly, no fractures.			See Descriptions
	5285	5286	1'	<u>Shale</u> , black, very limy.			
	5286	5287	1'	<u>Limestone</u> , dark gray, I VFA-B ₃ -C ₂ , shale stringers, dolomitic, <u>spotty fluorestence</u> .			
	5287	5288	1'	<u>Limestone</u> , medium gray, I VF-LA + B ₂ - C ₃ , <u>shows as above</u> .			
	5288	5289	1'	<u>Limestone</u> , medium gray, I VFA + B ₅ = C ₅ , forams, shows as above.			
	5289	5290	1'	<u>Limestone</u> , light gray, I VFA.			
	5290	5291	1'	<u>Limestone</u> , light gray, I VFA-B ₃ , stylolitic, <u>shows as above</u> .			
	5291	5292	1'	<u>Limestone</u> , as above, crinoidal, <u>shows as above</u> .			
	5292	5293	1'	<u>Limestone</u> , as above, corals?			
RE #2,	5297-5350		Recovered 53'	(Described after core analysis completed- shows not indicated)			
	5297	5298	1'	<u>Limestone</u> , medium gray, I/II A, very abundant crinoids.			
	5298	5299	1'	<u>Limestone</u> , as above, trace B.			
	5299	5300	1'	<u>Limestone</u> , as above, no B; abundant crinoids and common brachiopods, stylolitic.			
	5300	5301	1'	<u>Limestone</u> , as above, with abundant bryo, crinoids; stylolitic.			
	5301	5302	1'	<u>Limestone</u> , dolomitic, II A, extra abundant crinoids.			
	5302	5303	1'	<u>Dolomite</u> , I/II A, limy, crinoids.			
	5303	5304	1'	<u>Limestone</u> , I/II A, abundant crinoids, common bryo.			
	5304	5305	1'	<u>Dolomite</u> , II A limy, abundant crinoids, common bryo.			
	5305	5307	2'	<u>Dolomite</u> , II A, limy, medium gray, common crinoids, common brachiopods.			
	5307	5308	1'	<u>Limestone</u> , medium gray, I/II A, rare crinoids.			
	5308	5309	1'	<u>Limestone</u> , as above, abundant crinoids.			
	5309	5310	1'	<u>Limestone</u> , I VFA + B ₅ + C ₃ + trace D.			
	5310	5311	1'	<u>Limestone</u> , I VFA + B ₃ + C ₁ , abundant crinoids, stylolitic.			
	5311	5312	1'	<u>Limestone</u> , medium brown, II A/III LA + B ₁ , rare crinoids, ♀?			
	5312	5313	1'	<u>Limestone</u> , very dolomitic, II A, abundant crinoids, rare brachiopods, trace B.			
	5313	5316	3'	<u>Dolomite</u> , II A + trace B, limy abundant crinoids.			
	5316	5317	1'	<u>Dolomite</u> , as above + rare open vertical fractures, (near encrinite in part).			
	5317	5318	1'	<u>Dolomite</u> , dark brown, II/III FA.			
	5318	5319	1'	<u>Dolomite</u> , as above, trace B.			
	5319	5321	2'	<u>Dolomite</u> , as above + B ₁ , rare vertical fractures sealed with calcite.			
	5321	5322	1'	<u>Dolomite</u> , as above, dark brown, II/III FA + B ₂ + C ₁ .			

SYMBOLS: C-CLAY OR SHALE (SAND 0-5%). 1-CLAY OR SHALE WITH SAND STREAKS (SAND 5-25%). 2-CLAY OR SHALE AND SAND (SAND 25-60%). 3-SAND WITH SHALE STREAKS (SAND 60-90%). S-SAND (90-100%).

NOTE: SHOW FLUID CONTENT AS IN STANDARD LEGEND.

SHELL OIL COMPANY

WEEK ENDING _____

CORE FROM _____ TO _____

CORES EXAMINED BY _____

CORE RECORD

AREA OR FIELD North Desert Creek

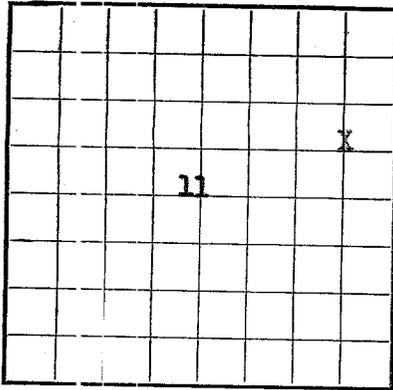
COMPANY Shell Oil Company

LEASE AND WELL NO. North Desert Creek

1.	FROM	TO	RECOVERED	FORMATIONAL, STRUCTURAL AND PROBABLE PRODUCTIVITY DESCRIPTION OF CORE	SYMBOL	OBSERVED DIP	CORE INDICATIONS OIL-GAS
							CORE OR DITCH
	CORE #1, 5241-5293, Recovered 52', (Described 2 days after taken from well)						See Description
	5241	5243	2'	<u>Limestone</u> , gray I VFA.			
	5243	5244	1'	<u>Limestone</u> , gray, I VF-FA, shaly.			
	5244	5245	1'	<u>Limestone</u> , I VFA, calcite filled hairline fractures.			
	5245	5246	1'	<u>Limestone</u> , brownish gray, dolomitic, I VFA, appears brecciated, pelletal, forams., <u>trace of fluorescence along fractures.</u>			
	5246	5247	1'	<u>Limestone</u> , gray, I VFA+B ₃ , brecciated, <u>trace fluorescence along fractures.</u>			
	5247	5248	1'	<u>Limestone</u> , gray, I VFA.			
	5248	5250	2'	<u>Limestone</u> , gray, I/II VFA.			
	5250	5251	1'	<u>Dolomite</u> , dark brown, II/I VFA, fossiliferous, <u>uniformly stained (fluorescence).</u>			
	5251	5252	1'	<u>Dolomite</u> , dark brown, II/I VFA trace B, <u>spotty-uniform fluorescence (staining).</u>			
	5252	5253	1'	<u>Dolomite</u> , medium brown, I/III VFA, anhydritic, <u>shows as above.</u>			
	5253	5254	1'	<u>Limestone</u> , medium gray, I VFA, abundant brachiopods.			
	5254	5255	1'	<u>Limestone</u> , gray, dolomitic, I/III VFA+B ₅ , <u>faint spotty fluorescence, brachiopods as above.</u>			
	5255	5256	1'	<u>Limestone</u> , gray, I VF-LA+B ₃ +C ₁ , <u>faint spotty fluorescence.</u>			
	5256	5257	1'	<u>Limestone</u> , gray, I VF-LA+B ₅ , <u>faint spotty fluorescence.</u>			
	5257	5258	1'	<u>Limestone</u> , gray, dolomitic, I VFA.			
	5258	5259	1'	<u>Dolomite</u> , gray, I/II VFA, vertical fractures dolomite sealed, <u>faint spotty fluorescence.</u>			
	5259	5260	1'	<u>Dolomite</u> , brownish gray, I/II VFA + B ₂ , vertical fractures, dolomite sealed, <u>faint spotty fluorescence.</u>			
	5260	5261	1'	<u>Dolomite</u> , light gray, I/II VFA + B ₁ , fractures as above, <u>faint spotty fluorescence (?)</u>			
	5261	5262.5	1.5'	<u>Dolomite</u> , light brown, II VFA, <u>shows as above.</u>			
	5262.5	5279	16.5'	<u>Shale</u> , black, micaceous, dolomitic.			
	5279	5281	2'	<u>Limestone</u> , dark gray, dolomitic, I/III VF-FA, fractures open, <u>uniform fluorescence along fractures.</u>			
	5281	5282	1'	<u>Limestone</u> , as above + trace B, fractures open, <u>uniform fluorescence along fractures.</u>			
	5282	5284	2'	<u>Limestone</u> , as above, I VF-FA, fractures open, <u>uniform fluorescence along fractures.</u>			

SYMBOLS: C-CLAY OR SHALE (SAND 0-5%). 1-CLAY OR SHALE WITH SAND STREAKS (SAND 5-25%). 2-CLAY OR SHALE AND SAND (SAND 25-60%). 3-SAND WITH SHALE STREAKS (SAND 60-90%). S-SAND (90-100%).
NOTE: SHOW FLUID CONTENT AS IN STANDARD LEGEND.

U. S. LAND OFFICE Window Rock, Ariz.
SERIAL NUMBER 14-20-603-246
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Noted
K 1.7-58

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 101 S. Behrend, Farmington, N.M.
Lessor or Tract Tribal lands Field Ratherford State Utah
Well No. 42-11 Sec. 11 T. 41S R. 23E Meridian SLBM County San Juan
Location 3290 ft. $\left. \begin{matrix} N. \\ S. \end{matrix} \right\}$ of S. Line and 4617 ft. $\left. \begin{matrix} E. \\ W. \end{matrix} \right\}$ of W. Line of Sec. 11 Elevation 4497.36 KB
(Derrick floor relative to sea level)

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

Signed _____

Date October 16, 1957

Title Exploitation Engineer

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

Commenced drilling July 15, 1957 Finished drilling August 15, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5303 to 5332 No. 4, from _____ to _____
No. 2, from 5340 to 5392 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 100 to 1260 ? No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8 5/8"</u>	<u>24</u>	<u>8</u>	<u>Rep.</u>	<u>1244</u>	<u>Baker</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>5 1/2"</u>	<u>16 1/2</u>	<u>8</u>	<u>Rep.</u>	<u>549</u>	<u>Baker</u>	<u>5322</u>	<u>5322</u>	<u>5322</u>	<u>production</u>
<u>3 1/2"</u>	<u>10</u>	<u>8</u>	<u>Rep.</u>	<u>549</u>	<u>Baker</u>	<u>5322</u>	<u>5322</u>	<u>5322</u>	<u>production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8"</u>	<u>1245</u>	<u>400 pozzo + 900 sx.</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>5 1/2"</u>	<u>5451</u>	<u>200</u>	<u>Displacement</u>	<u>-</u>	<u>-</u>

PLUGS AND ADAPTERS

Hexing plug—Material Cement Length _____ Depth set 5435'
Adapters—Material _____ Size _____

FOLD MARK

FOLD MARK

casing	8 5/8"	1245	400 pozze + 900 sq.	-	-
	5 1/2"	5451	/cement	Displacement	-

PLUGS AND ADAPTERS

Heavy plug—Material Cement Length _____ Depth set 5435'
 Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 5460 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 16, 19 57 Put to producing August 23, 19 57
 The production for the first 24 hours was 592 barrels of fluid of which 94.6% was oil; _____%
 emulsion; 5.4% water; and _____% sediment. Gravity, 86.4 ~~86.4~~ 40° API
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES Contractor: Hewit and Gulick

G. O. Kennedy, Driller E. C. Hayland, Driller
J. B. Mercer, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2080	2180	100	Shinarump
2180	2342	162	Moenkopi
2342	2388	46	Cutler
2388	4267	1879	De Chelly
4267	5268	1001	Hermosa
5268	-		Paradox

DEC 30 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

11-20-603-245

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

11-42

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

Sec. 11-T415-R23E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

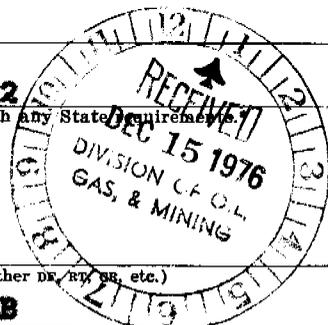
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Phillips Petroleum Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
3290' FSL & 4617' FWL



14. PERMIT NO. 15. ELEVATIONS (Show whether DE, RW OR etc.)
4497' RKB

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

SEE ATTACHED FOR DETAILS

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

SIGNED A. T. Gramp

TITLE Area Superintendent

DATE December 10, 1976

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

- 3 - USGS, Farmington, New Mexico
- 2 - Utah O&G CC, Salt Lake City, Utah
- 1 - Superior Oil Co., Conroe, TX
- 1 - File

*See Instructions on Reverse Side

FINAL REPORT INDIVIDUAL WELL STATUS

Lease Ratherford Unit Well No. 11-42 Authorization No. P-9881

Summary of Work Performed:

October 25, 1976 - Acidized w/6000 gals 15% HCL in 4 stages and returned to production.

AVERAGE DAILY PRODUCTION				
	Field and Formation	Oil	Gas	Water
Before Work	<u>Greater Aneth - Zone I & II, Paradox</u>	<u>44</u>	<u>NR</u>	<u>0</u>
After Work	<u>Greater Aneth - Zone I & II, Paradox</u>	<u>51</u>	<u>NR</u>	<u>2</u>
Before Work				
After Work				

DATE P.T.D.

1976

DAILY REPORT OF WORK PERFORMED

Oct.

25

RATHERFORD UNIT NO. 11-42 PTD 5404. COOH W/TBG. /INITIAL REPORT/ 10/24/76 - MI R AND R WS UNIT 10/23/76. COOH W/RODS. INSTLD BOP. START OUT W/TBG. 10/25/76 - SD OVER SUNDAY. AFE P-9881 ISSUED TO ACIDIZE ZONE 1 PERFS 5307-67 W/6000 GAL 15 PERCENT HCL IN 4 STAGES. LOCATION - 3290 FT FSL AND 4617 FT FWL, SEC. 11-T41S-R23E, GREATER ANETH FIELD, SAN JUAN CO., UTAH. ELEV. 4497 FT RKB. SUB AREA CODE 626. DATE LAST PRODUCED 10/22/76. LAST TEST - 44 BOPD, 0 BWPD..

26

RATHERFORD UNIT NO. 11-42 PTD 5404. PREP TO ACIDIZE. FIN COOH W/TBG. WIH W/BAKER RBP, PKR, COLLAR LOCATOR AND TBG TESTING VALVE. SET BP AT 5372 FT, PKR AT 5336 FT..

27

RATHERFORD UNIT NO. 11-42 PTD 5404. CO HOLE TO RET BP AT 5372 FT, WITH PKR AT 5336 FT, RU DOWELL, PMPD 60 BW DN TBG, BLOW ON ANNULUS, PROBABLE COMMUNICATION BEHIND PIPE. RESET PKR AT 5274 FT TO TREAT ALL PERFS 5303-5367 FT OA. ACIDIZED W/6000 GALS 15 PERCENT HCL CONTAINING 3 GAL W-46 AND 1 GAL F-75 PER 1000 GAL. PMPD 4 STAGES AS FOLLOWS - 40 BBLs GELLED WTR PAD CONTAINING 750 LB BENZOIC ACID FLAKES, 2000 GALS ACID, 500 LB BENZOIC ACID FLAKES, 2000 GALS ACID, 350 LB MOTH BALLS AND UNIBEADS MIXED, 1000 GALS ACID, 300 LB MOTH BALLS AND UNIBEADS MIXED, 1000 GALS ACID. EACH STAGE OVERDISPLD W/24 BW. INITIAL RATE 9 BPM AT 0 PSI, FINAL RATE 3 BPM AT 3000 PSI, AVG RATE 5 BPM AT 2700 PSI. MP 3500 PSI, ISIP 2400 PSI, 0 PSI IN 4 MIN. TOTAL TRTD VOLUME 503 BLW AND A. LOWER TBG TO RET BP. BRIDGE IN CSG AT 5304 FT. ATTEMPTED TO REVERSE OUT BRIDGE. UNABLE TO REVERSE BELOW 5312 FT. PERFS TOOK 90 BW WHILE REVERSING. 593 BLW AND A TO REC..

28

RATHERFORD UNIT NO. 11-42 PTD 5404. PREP TO RUN TBG AND RODS. COOH W/TBG, LD PKR, COLLAR LOCATOR AND TBG TEST VALVE. WIH W/BP RET HEAD. RU DOWELL AND WASHED TBA MATERIAL OUT TO TOP OF BP. LATCHED ONTO BP AT 5372 FT. COOH. HOLE TOOK 250 BW TO CO TO BP. 843 BLW TO REC..

29

RATHERFORD UNIT NO. 11-42 PTD 5404. PMPG ON TEST. RAN TBG, RODS, AND PUMP. 14-44" SPM, 1-3/4" PUMP. RELEASED R AND R WS UNIT 10/28/76. 843 BLW TO REC..

December 10, 1976
Date Prepared

Original Signed By
A. I. Crump

District Approval

DAILY REPORT DETAILED

LEASE Ratherford Unit

WELL NO. 11-42

SHEET NO. 2

1976 Oct. 30/31 & Nov. 1	DATE NATURE OF WORK PERFORMED	TOTAL DEPTH
	RATHERFORD UNIT NO. 11-42 PTD 5404. PMPG ON TEST. 10/30/76 - PMPD 12 HRS, REC 26 BLW. FL 4533 FT. 10/31/76 AND 11/1/76 - NO TESTS. 817 BLW TO REC..	
2	RATHERFORD UNIT NO. 11-42 PTD 5404. PMPG ON TEST. PMPD 14 HRS, REC 80 BLW. PMP FAILED. CHGD PMP. 737 BLW TO REC..	
3	RATHERFORD UNIT NO. 11-42 PTD 5404. PMPG ON TEST. PMPD 15 HRS, REC 30 BO, 50 BLW. FL 4626 FT. 687 BLW TO REC..	
4	RATHERFORD UNIT NO. 11-42 PTD 5404. PMPG ON TEST. PMPD 24 HRS, REC 41 BO, 41 BLW. FL 5185 FT. 646 BLW TO REC..	
5	RATHERFORD UNIT NO. 11-42 PTD 5404. PMPG ON TEST. PMPD 24 HRS, REC 61 BO, 3 BLW. FL 5185 FT. 643 BLW TO REC..	
6-8	RATHERFORD UNIT NO. 11-42 PTD 5404. PMPG ON TEST. 11/6/76 - PMPD 24 HRS, REC 40 BO, 16 BLW. FL 5154 FT. 11/7/76 AND 11/8/76 - PMPG ON TEST. 627 BLW TO REC..	
9	RATHERFORD UNIT NO. 11-42 PTD 5404. PMPG ON TEST. PMPD 24 HRS, REC 36 BO, 17 BLW. FL 5092 FT. 600 BLW TO REC..	
10	RATHERFORD UNIT NO. 11-42 PTD 5404. PMPG ON TEST. PMPD 24 HRS, REC 46 BO, 4 BLW. FL 5154 FT. CORRECTED LOAD WTR TO REC, 571..	
11	RATHERFORD UNIT NO. 11-42 PTD 5404. PMPD 24 HRS, REC 51 BO, 2 BLW. FL 5123 FT. /FINAL REPORT SUMMARY/ RETURNED TO A PMPG OIL WELL FROM ZONE I PERFS 5303-5367 FT OA AND ZONE II PERFS 5378-5392 FT, GREATER ANETH FIELD, SAN JUAN CO., UTAH. /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.)

6. LEASE DESIGNATION AND SERIAL NO. **96-004192** ✓

7. INDIAN, ALLOTTEE OR TRIBE NAME: **Navajo**

8. UNIT AGREEMENT NAME: **Ratherford Unit** ✓

9. FARM OR LEASE NAME: _____

10. WELL NO. _____

11. FIELD AND POOL, OR WILDCAT: **N/A**

12. SEC. T. R. M. OR BLM. AND SURVEY OR AREA: **See Attached**

13. COUNTY OR PARISH: **San Juan** 14. STATE: **Utah**

1. OIL WELL GAS WELL OTHER

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

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

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

14. PERMIT NO.: **See Attached**

15. ELEVATIONS (Show whether OF, AT, OR, etc.): _____

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

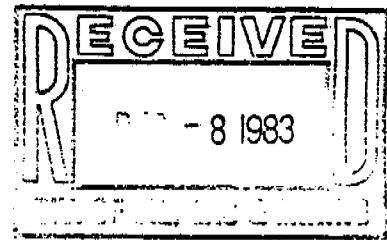
WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

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.

11-42
100 wells



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

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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

WELL NO.WELL LOCATIONAPI NO.STATUS

<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.

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



PHILLIPS PETROLEUM COMPANY

CASPER, WYOMING 82602
BOX 2920

EXPLORATION AND PRODUCTION GROUP

August 14, 1986

RECEIVED
AUG 15 1986

State of Utah
Division of Oil, Gas, and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

**DIVISION OF
OIL, GAS & MINING**

Attn: Gil Hunt

RE: Ratherford Unit
San Juan County
Class II Injection Well
Conversions

Dear Mr. Hunt:

Enclosed are applications of conversions for the last eleven wells in the Ratherford Unit Conversion Program. The well numbers are:

	12-W11	13-W11	13-W33
8W34	12-W24	13-W13	17-W32
11W42	12-W33	13-W22	18-W12

We have listed, on each well bore schematic, the logs on file for that well. We have also enclosed a copy of our letters to mineral lease operators and landowners in the area informing them of these proposed well conversions. Please refer to the attachment package of February and June 1986 for other required information. Please contact Renee Taylor at (307) 237-3791 with any questions.

Thank you for your help in making this conversion program run smoothly.

Sincerely,

PHILLIPS PETROLEUM COMPANY

D. C. Gill
Area Manager

RCT/fb (23)
Attach

cc: B. J. Murphy - Casper w/o attach
J. R. Reno - Cortez w/attach.
Casper RC



PHILLIPS PETROLEUM COMPANY

CASPER, WYOMING 82602
Box 2920, Casper, Wyoming 82602

EXPLORATION AND PRODUCTION GROUP

August 14, 1986

Navajo Tribe
Department of Water Management
P. O. Box 308
Window Rock, AZ 86515

Attn: Masued Uz Zaman

Re: Ratherford Unit
Injection Well Conversions

Dear Sirs,

Phillips Petroleum Company has made application to the State of Utah, Division of Oil, Gas and Mining to convert eleven existing producing wells to water injection wells in the Ratherford Unit secondary recovery project. The revised rule 502(b)(12) requires that you are notified of these plans and are provided with a copy of the application for injection well (Form DOGM-UIC-1). Under Rule 503 you are provided with the opportunity to object to the proposed application.

"Applications for Injection Well" are attached for the following existing wells:

	12W11	13W11	13W33
8W34	12W24	13W13	17W32
11W42	12W33	13W22	18W12

Please contact Renee Taylor or Blair Murphy at (307) 237-3791 with any questions.

Sincerely,

Original Signed By:
D. C. GILL

D. C. Gill
Area Manager

RCT/fb (17)

cc: B. J. Murphy-Casper
J. R. Reno-Cortez
St. of Utah OG&M/UIC
Casper-RC



PHILLIPS PETROLEUM COMPANY

CASPER, WYOMING 82602

BOX 2920

P.O. Box 2920, Casper, Wyoming 82602

EXPLORATION AND PRODUCTION GROUP

August 14, 1986

Mobil Oil Corp.
P.O. Box 5444
Denver, CO 80217
Attn: Joint Interest Advisor

Re: Ratherford Unit
Injection Well Conversions

Dear Sirs,

Phillips Petroleum Company has made application to the State of Utah, Division of Oil, Gas and Mining to convert eleven existing producing wells to water injection wells in the Ratherford Unit secondary recovery project. The revised rule 502(b)(12) requires that you are notified of these plans and are provided with a copy of the application for injection well (Form DOGM-UIC-1). Under Rule 503 you are provided with the opportunity to object to the proposed application.

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8W34	12W24	13W13	17W32
11W42	12W33	13W22	18W12

Please contact Renee Taylor or Blair Murphy at (307) 237-3791 with any questions.

Sincerely,

Original Signed By:
D. C. GILL

D. C. Gill
Area Manager

RCT/fb (17)

cc: B. J. Murphy-Casper
J. R. Reno-Cortez
St. of Utah OG&M/UIC
Casper-RC



PHILLIPS PETROLEUM COMPANY

CASPER, WYOMING 82602
BOX 2920 BOX 2920, Casper, Wyoming 82602

EXPLORATION AND PRODUCTION GROUP

August 14, 1986

Texaco, Inc.
P.O. Box 3360
Casper, WY 82602
Attn: A. J. Sanford

Re: Ratherford Unit
Injection Well Conversions

Dear Sirs,

Phillips Petroleum Company has made application to the State of Utah, Division of Oil, Gas and Mining to convert eleven existing producing wells to water injection wells in the Ratherford Unit secondary recovery project. The revised rule 502(b)(12) requires that you are notified of these plans and are provided with a copy of the application for injection well (Form DOGM-UIC-1). Under Rule 503 you are provided with the opportunity to object to the proposed application.

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	12W11	13W11	13W33
8W34	12W24	13W13	17W32
11W42	12W33	13W22	18W12

Please contact Renee Taylor or Blair Murphy at (307) 237-3791 with any questions.

Sincerely,

Original Signed By:
D. C. GILL

D. C. Gill
Area Manager

RCT/fb (17)

cc: B. J. Murphy-Casper
J. R. Reno-Cortez
St. of Utah OG&M/UIC
Casper-RC

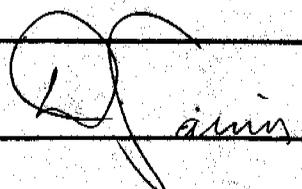
UIC CHECKLIST FOR APPLICATION APPROVAL

OPERATOR Phillips Petroleum WELL NUMBER ~~42-11~~ 11-42
 SEC. 11 T. 41S R. 23E COUNTY SAN JUAN
 API # 43-037-15841

NEW WELL _____ DISPOSAL WELL _____ ENHANCED RECOVERY WELL X

- | | | |
|----------------------------------|--------------|-------------|
| - Plat showing surface ownership | Yes _____ | No <u>✓</u> |
| - Application forms complete | Yes <u>✓</u> | No _____ |
| - Schematic of well bore | Yes <u>✓</u> | No _____ |
| - Adequate geologic information | Yes <u>✓</u> | No _____ |
| - Rate and Pressure information | Yes <u>✓</u> | No _____ |
| - Fluid source | Yes <u>✓</u> | No _____ |
| - Analysis of formation fluid | Yes <u>✓</u> | No _____ |
| - Analysis of injection fluid | Yes <u>✓</u> | No _____ |
| - USDW information | Yes <u>✓</u> | No _____ |
| - Mechanical integrity test | Yes <u>✓</u> | No _____ |

Comments: L.A. ~~PA~~ well, 4 producers, & 1 injection well

Reviewed by  8/20/86

LOCATION: SENE Sec: 11 - T4(S-R) 23 E
FIELD: GREATER AN
RESERVOIR: Desert Creek Zone I

COMPLETION: Injector
PRESENT STATUS: Conversion

RKB 4497
GL 4485

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

Well # 11 W42

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

1245'

PERFORATIONS: _____
5303-07
5311-25
5328-32
5340-46
5350-67

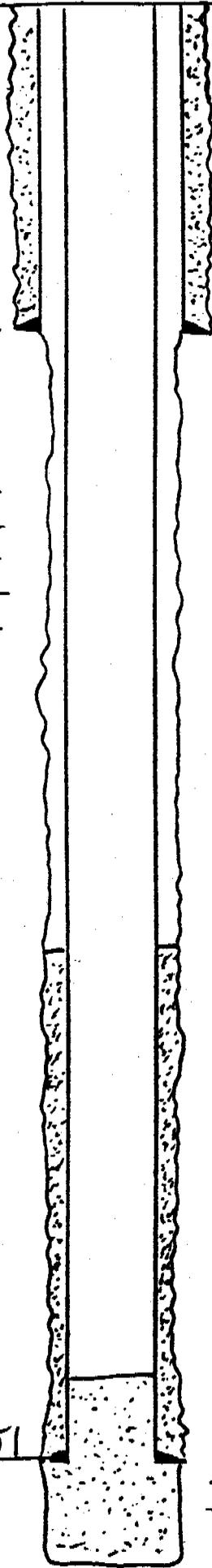
PACKER: Baker Model AB
Tension Type or Similar
set at 5203'

Logs on file: _____
Gamma Ray
SP
Neutron Porosity
Electrical Resistivity
Caliper
Microlog

PBTD: 5404
OTD: 5460

5451

Phillips Petroleum Company



Operator

Phillips Petroleum

Well

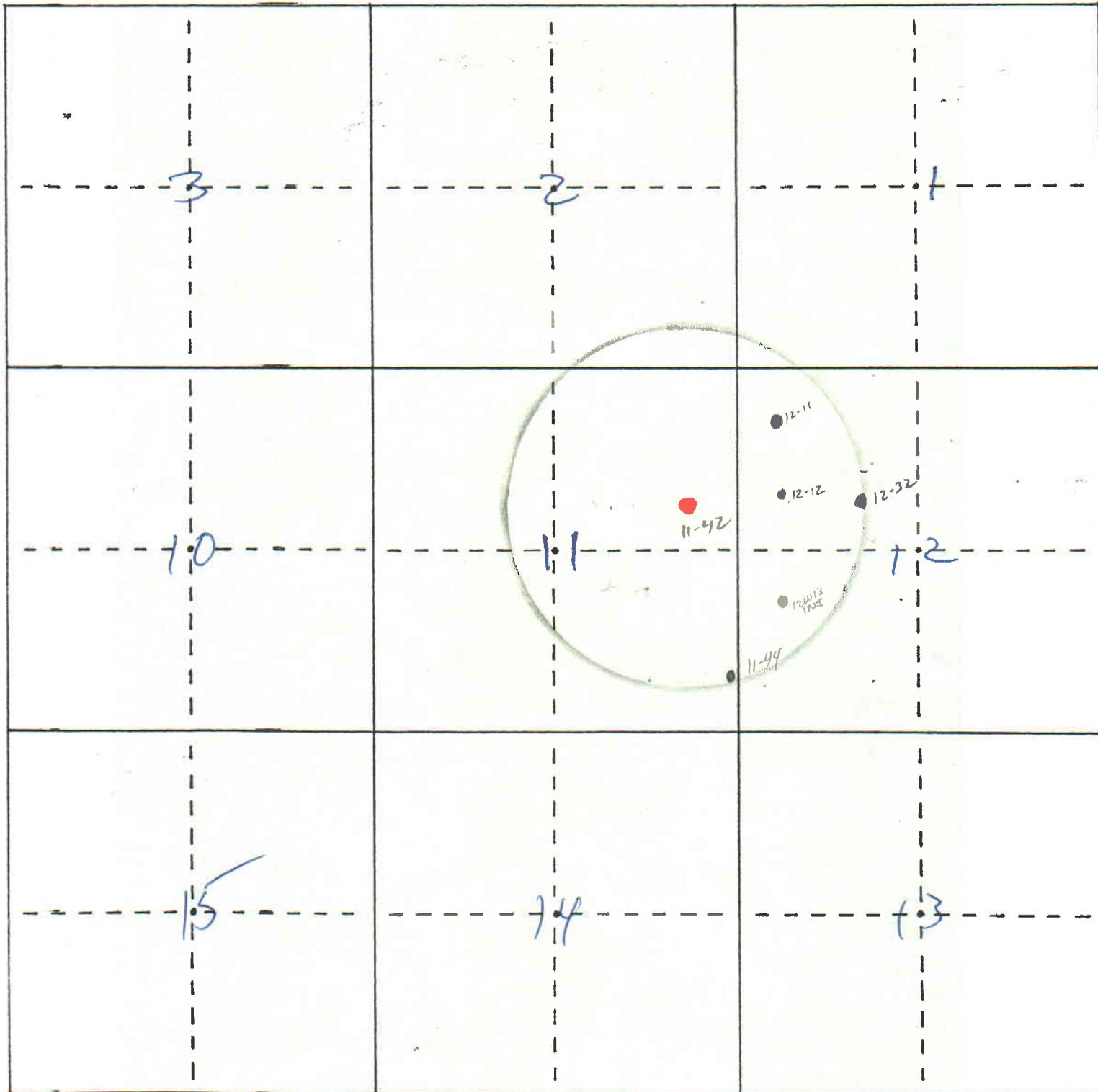
11-42

Location

sec 11 41S 23E

SAN Juan Utah

4 Producers
1 injection



LOCATION: SENE Sec. 11 - T41S - R.23E

FIELD: GREATER ANKLE H

RESERVOIR: Desert Creek Zone I

COMPLETION: Injector /
PRESENT STATUS: Conversion

RKB 4497
GL 4485

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

Well # 11W42

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

1245'

PERFORATIONS: _____
5303-07

5311-25

5328-32

5340-46

5350-67

PACKER: Baker Model AB
Tension Type or Similar
set at 5203'

Logs on file: _____
Gamma Ray
SP
Neutron Porosity
Electrical / Resistivity
Caliper
Microlog

PBTD: 5404
OTD: 5460

5451

Phillips Petroleum Company

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-087
OF PHILLIPS PETROLEUM COMPANY, :
FOR ADMINISTRATIVE APPROVAL TO :
INJECT FLUID INTO WELLS TO BE :
CONVERTED TO ENHANCED RECOVERY :
INJECTION WELLS LOCATED IN :
SECTIONS 11, 12, AND 13, TOWN- :
SHIP 41 SOUTH, RANGE 23 EAST; AND :
SECTIONS 8, 17 AND 18, TOWNSHIP :
41 SOUTH, RANGE 24 EAST, S.L.M., :
SAN JUAN COUNTY, UTAH :

---oo0oo---

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

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

RATHERFORD UNIT - San Juan County, Utah

#11W42, Sec. 11, T41S, R23E	#13W22, Sec. 13, T41S, R23E
#12W11, Sec. 12, T41S, R23E	#13W33, Sec. 13, T41S, R23E
#12W24, Sec. 12, T41S, R23E	# 8W34, Sec. 8, T41S, R24E
#12W33, Sec. 12, T41S, R23E	#17W32, Sec. 17, T41S, R24E
#13W11, Sec. 13, T41S, R23E	#18W12, Sec. 18, T41S, R24E
#13W13, Sec. 13, T41S, R23E	

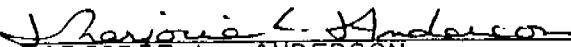
The proposed operating data for the wells is as follows:

INJECTION INTERVAL: Paradox Formation 5303' - 5548'
MAXIMUM ESTIMATED SURFACE PRESSURE: 3000 psig
MAXIMUM ESTIMATED WATER INJECTION RATE: 500 BWPD

Approval of this Application will be granted unless any objections
are filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections 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 8th day of September, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangert, 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

September 11, 1986

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

Gentlemen:

RE: Cause No. UIC-087

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

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 24th day of September, 1986. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

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

Sincerely,

for
Marjorie L. Anderson
Administrative Assistant

mfp

Enclosure



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangert, 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

September 11, 1986

San Juan Record
P.O. Box 879
937 East Highway 666
Monticello, Utah 84535

Gentlemen:

RE: Cause No. UIC-087

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

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 24th day of September, 1986. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

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

Sincerely,

Marjorie L. Anderson
for
Marjorie L. Anderson
Administrative Assistant

mfp

Enclosure

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 WELLS TO BE CONVERTED TO ENHANCED RECOVERY INJECTION WELLS LOCATED IN SECTIONS 11, 12, AND 13, TOWNSHIP 41 SOUTH, RANGE 23 EAST; AND SECTIONS 8, 17 AND 18, TOWNSHIP 41 SOUTH, RANGE 24 EAST, S.L.M., SAN JUAN COUNTY, UTAH

CAUSE NO. UIC-087

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

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

RATHERFORD UNIT —
San Juan County, Utah

#12W11, Sec. 12, T41S, R23E
#12W24, Sec. 12, T41S, R23E
#12W33, Sec. 12, T41S, R23E
#13W11, Sec. 13, T41S, R23E
#13W13, Sec. 13, T41S, R23E
#13W22, Sec. 13, T41S, R23E
#13W33, Sec. 13, T41S, R23E
8W34, Sec. 8, T41S, R24E
#17W32, Sec. 17, T41S, R24E
#18W12, Sec. 18, T41S, R24E

The proposed operating data for the wells is as follows:

INJECTION INTERVAL: Paradox Formation 5303' - 5548'

MAXIMUM ESTIMATED SURFACE PRESSURE: 3000 psig.

MAXIMUM ESTIMATED WATER INJECTION RATE: 500 BWPD.

Approval of this Application will be granted unless any objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections 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 8th day of September, 1986.

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

Published in The San Juan Record
September 24, 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 on converting wells, CAUSE NO. UIC-087

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 September 24, 1986. ~~and~~ last publication having been made on _____.

Joyce A. Martin

Publisher

Subscribed and sworn to before me this 24th day of September, A.D. 1986.

Ingrid K. Adams

Notary Public residing at Monticello, Utah

My commission expires December 2, 1987

Affidavit of Publication

RECEIVED ADM-358 OCT 01 1986

STATE OF UTAH,
County of Salt Lake

ss.

DIVISION OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC-087
IN THE MATTER OF THE APPLICATION OF PHILLIPS PETROLEUM COMPANY, FOR THE ADMINISTRATIVE APPROVAL TO INJECT FLUID INTO WELLS TO BE CONVERTED TO ENHANCED RECOVERY INJECTION WELLS LOCATED IN SECTIONS 11, 12, AND 13, TOWNSHIP 41 SOUTH, RANGE 23 EAST; AND SECTIONS 8, 17 AND 18, TOWNSHIP 41 SOUTH, RANGE 24 EAST, S.L.M., SAN JUAN COUNTY, UTAH.
THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.
Notice is hereby given that Phillips Petroleum Company, Box 2920, Casper, Wyoming 82602, has requested administrative approval from the Division to convert the following listed wells to enhanced recovery water injection wells:
RATHERFORD UNIT - San Juan County, Utah
11W42, Sec. 11, T41S, R23E # 13W22, Sec. 13, T41S, R23E
12W11, Sec. 12, T41S, R23E # 13W33, Sec. 13, T41S, R23E
12W24, Sec. 12, T41S, R23E # 8W34, Sec. 8, T41S, R24E
13W13, Sec. 13, T41S, R23E # 17W32, Sec. 17, T41S, R24E
13W11, Sec. 13, T41S, R23E # 18W12, Sec. 18, T41S, R24E
13W13, Sec. 13, T41S, R23E
The proposed operating data for the wells is as follows:
Injection Interval: Paradox Formation 5303'-5548'
Maximum Estimated Surface Pressure: 3000 psig
Maximum Estimated Water Injection Rate: 500 BWPD
Approval of this Application will be granted unless any objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections 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 8th day of September, 1986.
STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

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

was published in said newspaper on

SEP 10, 1986

[Signature]
Legal Advertising Clerk

Subscribed and sworn to before me this 08th day of

A.D. 1986

[Signature]
Notary Public

My Commission Expires

SEP 10, 1986



Affidavit of Publication

RECEIVED ADM-358
OCT 01 1986

STATE OF UTAH,
County of Salt Lake

ss.

DIVISION OF
OIL, GAS & MINING

.....CHRIS. ANDERSON.....

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 #UIC-087

was published in said newspaper on.....
SEPT 18, 1986

Chris Anderson
Legal Advertising Clerk

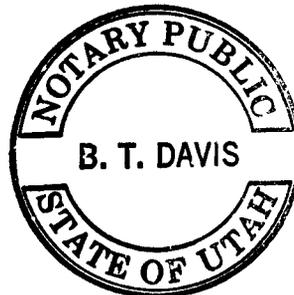
Subscribed and sworn to before me this 30th day of
..... SEPTEMBER A.D. 19⁸⁶.....

B. T. Davis

Notary Public

My Commission Expires

MARCH 01, 1988





STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

101703

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

October 9, 1986

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

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-087

Insofar as this Division is concerned, administrative approval is hereby granted to convert the following wells to Class II enhanced recovery water injection wells:

RATHERFORD UNIT - San Juan County, Utah

#11W42, Sec. 11, T41S, R23E	#13W22, Sec. 13, T41S, R23E
#12W11, Sec. 12, T41S, R23E	#13W33, Sec. 13, T41S, R23E
#12W24, Sec. 12, T41S, R23E	# 8W34, Sec. 8, T41S, R24E
#12W33, Sec. 12, T41S, R23E	#17W32, Sec. 17, T41S, R24E
#13W11, Sec. 13, T41S, R23E	#18W12, Sec. 18, T41S, R24E
#13W13, Sec. 13, T41S, R23S	

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

(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

EXPIRES ON THIS DATE
(Other instructions on reverse side)

Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.
14-20-603-246A *date 12/1/86 msp*

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 122427

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME
SW-I-4192

2. NAME OF OPERATOR
Phillips Petroleum Company

8. FARM OR LEASE NAME
Ratherford Unit

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

9. WELL NO.
11-42

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
3290' FSL, 4617' FWL (SE NE)

10. FIELD AND POOL, OR WILDCAT
Greater Aneth
11. SEC. 2, R. N., OR BLM. AND SURVEY OR AREA
Sec. 11-T41S-R23E

14. PERMIT NO.
43-037-15841

15. ELEVATIONS (Show whether sv, st, or, etc.)
4497' 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:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDISE
REPAIR WELL
(Other) Convert to Water Injection

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDISING
(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.)

It is proposed to convert Ratherford Unit #11-42 from a Zone I & II producer to a Zone I water injection well. After plugging back to Zone I, the well will be acidized with approximately 5400 gallons of 28% HCl Acid and placed on injection.

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

5-BLM, Farmington, NM
2-Utah O&G CC, Salt Lake City, Utah
1-P. J. Adamson
1-M. Williams, 302 TRW
1-J. R. Reno
1-B. J. Murphy
1-File RC

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

DATE: 12/1/86
BY: [Signature]
Approval letter 10/9/86

RECEIVED
NOV 21 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED [Signature] TITLE Area Manager DATE November 17, 1986
D. C. Gill

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

2

DESCRIPTION			COMP. TYPE	W.I.	WELL CLASS.	PROD. METHOD	WELL TEST										MONTHLY					REMARK			
LEASE CODE	LEASE NAME	WELL NO.					DATE		WELL HEAD PRESSURE PSIG	SEPARATOR		OIL OR COND B/D	GAS MCF/D	WATER B/D	GOR CF/B	WTR %	OIL GR. API	DAYS PROD.	ALLOWABLE BBLs. OR MCF	OIL or COND BBLs	GAS MCF	WATER SBLs	CODE	DATE	
							MO	DAY		CHOKED BATHS	TEMP °F													MO	DAY	YR
933028	NE SW 10 41S24E	10W23S	022WI							90					30				2701	212	183				
933028	NE SE 10 41S24E	10W43S	022WI							7					30				210	212	183				
933028	NE NE 11 41S23E	11W62S	022WI							324					17				5507	0704	1487				
933028	SE SE 11 41S23E	11W44S	022WI							198					30				5939	712	586				
933028	NW NW 12 41S23E	12W11S	022WI							336					23				7728	0704	0887				
933028	NW SW 12 41S23E	12W13S	022WI							97					30				2911	117	51986				
933028	SE NW 12 41S23E	12W22S	022WI							647					30				1941	1071	23086				
933028	SE SW 12 41S23E	12W24S	022WI							242					30				7261	1070	2187				
933028	NW NE 12 41S23E	12W31S	022WI							408					30				1224	0701	2787				
933028	NW SE 12 41S23E	12W33S	022WI							504					30				1512	1070	12987				
933028	SE NE 12 41S23E	12W42S	022WI							491					30				1472	0712	2386				
933028	SE SE 12 41S23E	12W44S	022WI																1509	0286					
933028	NW NW 13 41S23E	13W11S	022WI							364					30				1092	1070	22087				
933028	NW SW 13 41S23E	13W13S	022WI							325					30				9749	0703	1087				
933028	SE NW 13 41S23E	13W22S	022WI							310					30				9299	0702	2387				
933028	SE SW 13 41S23E	13W24S	022WI							332					30				9959	0702	0387				
933028	NW NE 13 41S23E	13W31S	022WI							75					22				7478	0704	0987				
933028	NW SE 13 41S23E	13W33S	022WI							1000					30				9150	0703	1287				
933028	SE NE 13 41S23E	13W42S	022WI							2100					30				1046	0710	2486				
933028	SE SE 13 41S23E	13W44S	022WI							2100					30				1218	1706	0186				
933028	SE NE 14 41S23E	14W42S	022WI							428					30				1284	0702	2787				
933028	NE SE 14 41S23E	14W43S	022WI																15	61783					
933028	NE NW 15 41S24E	15W21S	022WI							81					30				2431	212	183				
933028	NE SW 15 41S24E	15W23S	022WI							2550					30				1529	212	183				
933028	NE SE 15 41S24E	15W43S	022WI							2100					30				630	212	183				
933028	SW NW 16 41S24E	16W12S	022WI							2100					30				4289	0702	1987				
933028	SW SW 16 41S24E	16W14S	022WI							10					30				300	0702	2687				
933028	NE NW 16 41S24E	16W21S	022WI							1100					30				4739	212	183				
933028	NE SW 16 41S24E	16W23S	022WI							1300					30				9899	1203	1887				
933028	NE SE 16 41S24E	16W43S	022WI							2100					30				8640	1712	285				
933028	SW NW 17 41S24E	17W12S	022WI							1950					30				1709	0712	1286				
933028	SW SW 17 41S24E	17W14S	022WI							1950					30				9179	0703	0587				
933028	NE NW 17 41S24E	17W21S	022WI							31					30				929	1708	1386				
933028	NE SW 17 41S24E	17W23S	022WI							1975					30				1140	0711	2086				
933028	SW NE 17 41S24E	17W32S	022WI							1050					30				1158	0703	2787				
933028	SW SE 17 41S24E	17W34S	022WI							1150					30				1478	0703	1987				
933028	NE NE 17 41S24E	17W41S	022WI							2050					30				1289	0710	2386				
933028	NE SE 17 41S24E	17W43S	022WI							2250					30				1200	12	83085				
933028	SW NW 18 41S24E	18W12S	022WI							2100					30				4770	0702	1387				
933028	SW SW 18 41S24E	18W14S	022WI							2150					30				329	0706	2386				

Commencement 4/14/87

MONTHLY WELL PRODUCTION REPORT

FORM SB7451-N12-83

COMPLETION TYPE: 1st Space, 2nd Space, 3rd Space, 4th Space, 5th Space, 6th Space, 7th Space, 8th Space, 9th Space, 10th Space, 11th Space, 12th Space, 13th Space, 14th Space, 15th Space, 16th Space, 17th Space, 18th Space, 19th Space, 20th Space, 21st Space, 22nd Space, 23rd Space, 24th Space, 25th Space, 26th Space, 27th Space, 28th Space, 29th Space, 30th Space, 31st Space, 32nd Space, 33rd Space, 34th Space, 35th Space, 36th Space, 37th Space, 38th Space, 39th Space, 40th Space, 41st Space, 42nd Space, 43rd Space, 44th Space, 45th Space, 46th Space, 47th Space, 48th Space, 49th Space, 50th Space, 51st Space, 52nd Space, 53rd Space, 54th Space, 55th Space, 56th Space, 57th Space, 58th Space, 59th Space, 60th Space, 61st Space, 62nd Space, 63rd Space, 64th Space, 65th Space, 66th Space, 67th Space, 68th Space, 69th Space, 70th Space, 71st Space, 72nd Space, 73rd Space, 74th Space, 75th Space, 76th Space, 77th Space, 78th Space, 79th Space, 80th Space, 81st Space, 82nd Space, 83rd Space, 84th Space, 85th Space, 86th Space, 87th Space, 88th Space, 89th Space, 90th Space, 91st Space, 92nd Space, 93rd Space, 94th Space, 95th Space, 96th Space, 97th Space, 98th Space, 99th Space, 100th Space.

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

WATER INJECTION: WI Water injection, WD Salt water disposal, WS Water supply, M Miscellaneous.

PRODUCING METHOD: 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.

CHOKE SIZE: AD Adjustable, NC No choke.

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

MONTHLY GAS: V Some gas vented, E Estimated.

REMARKS: 01 Drilled and completed, 02 Acquired, 03 Trid 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 Sold for future operations, 13 Artificial lift installed, 14 Redrilled tool 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 (inverted).

DISTRICT 34 DATE 04 87 PAGE 5

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Injector</p> <p>2. NAME OF OPERATOR Phillips Petroleum 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 3290' FSL, 4617' FWL SE NE</p> <p align="center">API# 43-037-15841</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-246A</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO</p> <p>7. WELL IDENTIFICATION NAME SW-I-4192</p> <p>8. NAME OR LEASE NAME Ratherford Unit</p> <p>9. WELL NO. 11W42</p> <p>10. FIELD AND POOL, OR WILDCAT Greater Aneth</p> <p>11. SEC., T., R., S., OR NEQ. AND COUNTY OR AREA Sec. 11-T41S-R23E</p> <p>12. COUNTY OR PARISH 13. STATE San Juan Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether SP, ST, OR, etc.) 4497' RKB</p>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Convert to water injection <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>	

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.)*

Apr. 2, 1987 through Apr. 11, 1987

RU 4/2/87. COOH w/rods and tbg. CO hole to 5405'. Set pkr at 5220'. Sqzd off Zone II w/125 sx Class B cmt. Pull pkr. Tag cmt at 5233'. Drld out to PBD 5358'. Tested sqz to 1000 psi for 15 min, OK. Perfd Zone I 5288-92', 5300-32', and 5340-46', 4 SPF. Acidized w/5100 gal 28% HCL. Run 2-7/8" Duoline tbg and wtr inj pkr. Set pkr at 5266'. RR 4/11/87. HU to injection 4/14/87.

Production Before 49 BOPD, 3 BWPD
Injection After 324 BWPD @ 1425 psi

RECEIVED

AUG 4 1987

<p>DIVISION OF OIL GAS & MINING</p>	<p>4-BLM, Farmington, NM 2-Utan O&G CC, SLC, UT 1-M. Williams, B¹Ville 1-J. Landrum, Denver 1-J. Reno, Cortez</p>	<p>1-Chieftain 1-Mobil Oil 1-Texaco, Inc. 1-Chevron USA 1-File RC</p>
---	--	---

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

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

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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

SUBMIT IN TRIPlicate*
(Other instructions on 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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER WATER INJECTION & WATER SUPPLY WELLS</p> <p>2. NAME OF OPERATOR PHILLIPS PETROLEUM COMPANY</p> <p>3. ADDRESS OF OPERATOR 152 N. DURBIN, 2ND FLOOR, CASPER, WYOMING 82601</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.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME SW-I-4192</p> <p>7. UNIT AGREEMENT NAME RATHERFORD UNIT #7960041920</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. VARIOUS (see attached)</p> <p>10. FIELD AND POOL, OR WILDCAT GREATER ANETH</p> <p>11. SEC., T., R., M., OR B.L.M. AND SURVEY OF AREA Sections 1 thru 30 T41S - R23E & 24E</p> <p>12. COUNTY OR PARISH 13. STATE San Juan Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DP, RT, OR, etc.) BLM OFFICE OIL, GAS & MINING</p>	

RECEIVED
MAR 20 1989

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

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

41-23-11-

037-15841

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 # 11W42

Location SE NE Sec. 11

RKB Elev. 4497'

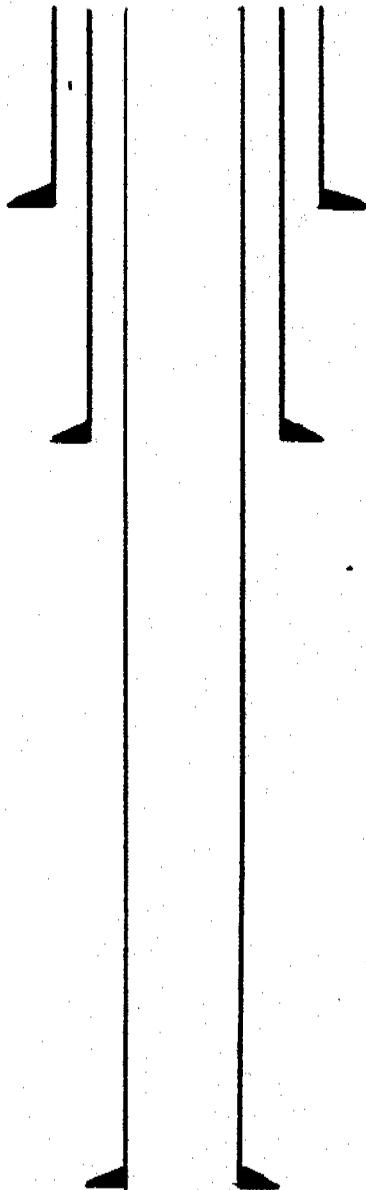
T415-R23E

GL Elev. 4486'

Well Dred 1/1

RKB Above GL' 11'

Well converted to injector 1/1



CONDUCTOR Csg. ⊙

SURFACE Csg. 8 5/8 ⊙ 1245'

TOC 4088' CALL.

Tubing 2 7/8 ⊙ 5266' Duoline HT2

PACKER Otis Inter-Lock PKR
Ni COATED ⊙ 5266

PERFS	<u>5288 - 92</u>	<u>_____</u>	<u>_____</u>
	<u>5300 - 32</u>	<u>_____</u>	<u>_____</u>
	<u>5340 - 46</u>	<u>_____</u>	<u>_____</u>
	<u>_____</u>	<u>_____</u>	<u>_____</u>

PBTD 5,358'

PRODUCTION Csg. 5 1/2 ⊙ 5451'
K-55, 14#

All PERFS Zone I unless noted

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	Entry	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

USMA
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 Konkell

Telephone Number: 505 599-3452

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		3. LEASE DESIGNATION & SERIAL NO.	
		6. IF INDIAN ALLOTTEE OR TRIBE NAME NAVAJO TRIBAL	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME RATHERFORD UNIT	
2. NAME OF OPERATOR MOBIL OIL CORPORATION		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 633 MIDLAND, TX 79702		9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
At proposed prod. zone		11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA	
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY SAN JUAN	13. STATE UTAH

REGISTRATION

SEP 15 1993

DIVISION OF
OIL, GAS & MINING

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

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

(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.)

* Must be accompanied by a cement verification report.

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

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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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	43-037-15192	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

MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 7 / 93

AMENDED REPORT (Highlight Changes)

X931006 updated. See

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

RECEIVED

SEP 13 1993

DIVISION OF OIL, GAS & MINING

COMMENTS: PLEASE NOTE ADDRESS change. Mobin ~~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.

Date: 9/5/93

Name and Signature: Lwell B Sheffield

Telephone Number: 303 565 2212
244 688 2578

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
14-20-603-246

6. If Indian, Allottee or Tribe Name
43-037-15841

7. If Unit or CA, Agreement Designation
RATHERFORD UNIT

8. Well Name and No.
11-42

9. API Well No.
43-037-15841

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or to plug or otherwise alter wells.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE SEP 20 1993

1. Type of Well
 Oil Well Gas Well Other INJECTION WELL

2. Name of Operator
 MOBIL EXPLORATION & PRODUCING US AS AGENT FOR MPTM/MEPNA

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 3290' FNL, 4617 FEL SEC. 11, T41S, R23E

DIVISION OF
OIL, GAS & MINING

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

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

23-93 MIRU NU BOP RIM W/BIT TO 5300'
 8-24-93 CLEAN OUT TO 5358. DRILL 12' CMT TO 5370'. CIRC. HOLE CLEAN. PERF W/4 JSPF FROM 5349-5366. NEW PBD AT 5366'. RIM W/ PKR AT 5188' TEST ANN TO 500 PSI.
 8-25-93 ACIDIZE PERF 5288-5366 W/500 GALS. 15% HCL + 2000# GRS.
 8-26-93 REL. PKR & SW.
 8-30-93 SET PKR @ 5164. ON/OFF TOOL @ 5158' TEST ANN. TO 1000#/OK RDMO. TURN TO PRODUCTION.

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

Signed: Shelley Jodda Title _____ Date _____
 (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.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

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

Other
OPERATOR CHANGE

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

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 (MCKILMO 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: <u>RATHERFORD UNIT</u>	API no. _____
Well location: QQ _____ section _____ township _____ range _____ county _____	
Effective Date of Transfer: <u>July 1, 1993</u>	
CURRENT OPERATOR	
Transfer approved by:	
Name <u>Ed Hasely</u>	Company <u>Phillips Petroleum Company</u>
Signature <u>Ed Hasely</u>	Address <u>5525 HWY. 64</u>
Title <u>Environmental Engineer</u>	<u>Farmington, NM 87401</u>
Date <u>October 22, 1993</u>	Phone (<u>505</u>) <u>599-3460</u>
Comments:	
NEW OPERATOR	
Transfer approved by:	
Name <u>Shirley Todd</u>	Company <u>Mobil Exploration & Producing North America</u>
Signature <u>Shirley Todd</u>	Address <u>P O Box 633</u>
Title <u>Env. & Reg. Technician</u>	<u>Midland, TX 79702</u>
Date <u>October 7, 1993</u>	Phone (<u>915</u>) <u>688-2585</u>
Comments:	
(State use only)	
Transfer approved by <u>[Signature]</u>	Title <u>Manager</u>
Approval Date <u>10-27-93</u>	

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-)
 TENANCE PROGRAM FOR THE RATHERFORD)
 UNIT IN THE GREATER AMETH AREA,)
 SAN JUAN COUNTY, UTAH)

CAUSE NO. 53

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 H. 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, SLPM

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

TOWNSHIP 41 SOUTH, RANGE 24 EAST, SLPM

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

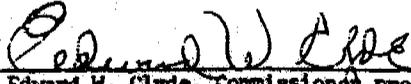
2. The plan and program of water injection pressure maintenance operations proposed by applicant in its application filed herein should be and the same is hereby approved and the unit operator is authorized to proceed with and under such plan and program as soon as the Rutherford Unit Agreement becomes effective and operative.

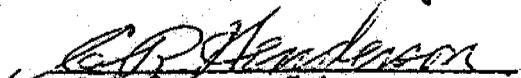
3. If, at any time or from time to time, it appears necessary or desirable to the unit operator to alter or modify the hereby approved plan of pressure maintenance, any such alteration or modification shall be submitted for

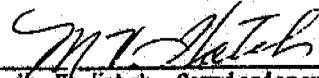
and shall be subject to approval by the Commission or its delegated representative, which approval may be given without notice or hearing, unless otherwise ordered or directed by the Commission.

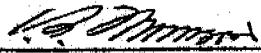
Dated this 13th day of September, 1961.

THE OIL AND GAS CONSERVATION
COMMISSION OF THE STATE OF UTAH


Edward W. Clyde, Commissioner, presiding


C. R. Henderson, Chairman


H. V. Hatch, Commissioner


C. S. Thomson, Commissioner


Walter G. Mann, Commissioner

Sept 29, 1993

TO: Lisha Cordova - Utah Mining
Oil & Gas

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

Here is copy of Rutherford Unit
Successor Operator.

4 pages including this one.

File: 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

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

MINERALS DIVISION
1993
SEARCHED
SERIALIZED
INDEXED
FILED
JUL 26 1993
FBI - FARMINGTON
ALL SUPV.
FILED

Dear Mr. Cox:

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

Phillips Petroleum Company is, on the records of the Bureau of Indian Affairs, operator of the Ratherford Unit,
JUN 27 11:44

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

070 FARMINGTON, NM

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	11.0632565
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	6.9824969
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
OPERATOR CHANGE WORKSHEET

Routing:

1	10/17-93
2	DEW-8-104
3	VLC
4	RIF
5	10/17-93
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>43-037-15841</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

Yes 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)

Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
N/A

 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

N/A 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.
DCS
11-10-93

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: 11.17 1993.

FILING

Yes 1. Copies of all attachments to this form have been filed in each well file.

Yes 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

931006 BIA/Bhm Approved 7-9-93.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____ **Suspense** **Other**
(Location) Sec _____ Twp _____ Rng _____ (Return Date) _____ **OPER NM CHG** _____
(API No.) _____ (To - Initials) _____ _____

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).

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC	7-PL
2-LWP	8-SJ
3-DBS	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) MOBIL EXPLOR & PROD
 (address) C/O MOBIL OIL CORP
PO DRAWER G
CORTEZ CO 81321
 phone (303) 564-5212
 account no. N7370

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

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

Name: ** SEE ATTACHED **	API: <u>037-15841</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
- Yes 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

- See* 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 / See* 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

- N/A* 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. *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!

RATHERFORD UNIT 11-42

Justification: Well developed pressure on 5-1/2" casing in January, 1976 and was shut in as required by EPA. This well directly supports 111 BOPD of a total pattern production of 387 BOPD. Estimated Cost: \$40M No AFE required.

WORKOVER PROCEDURE

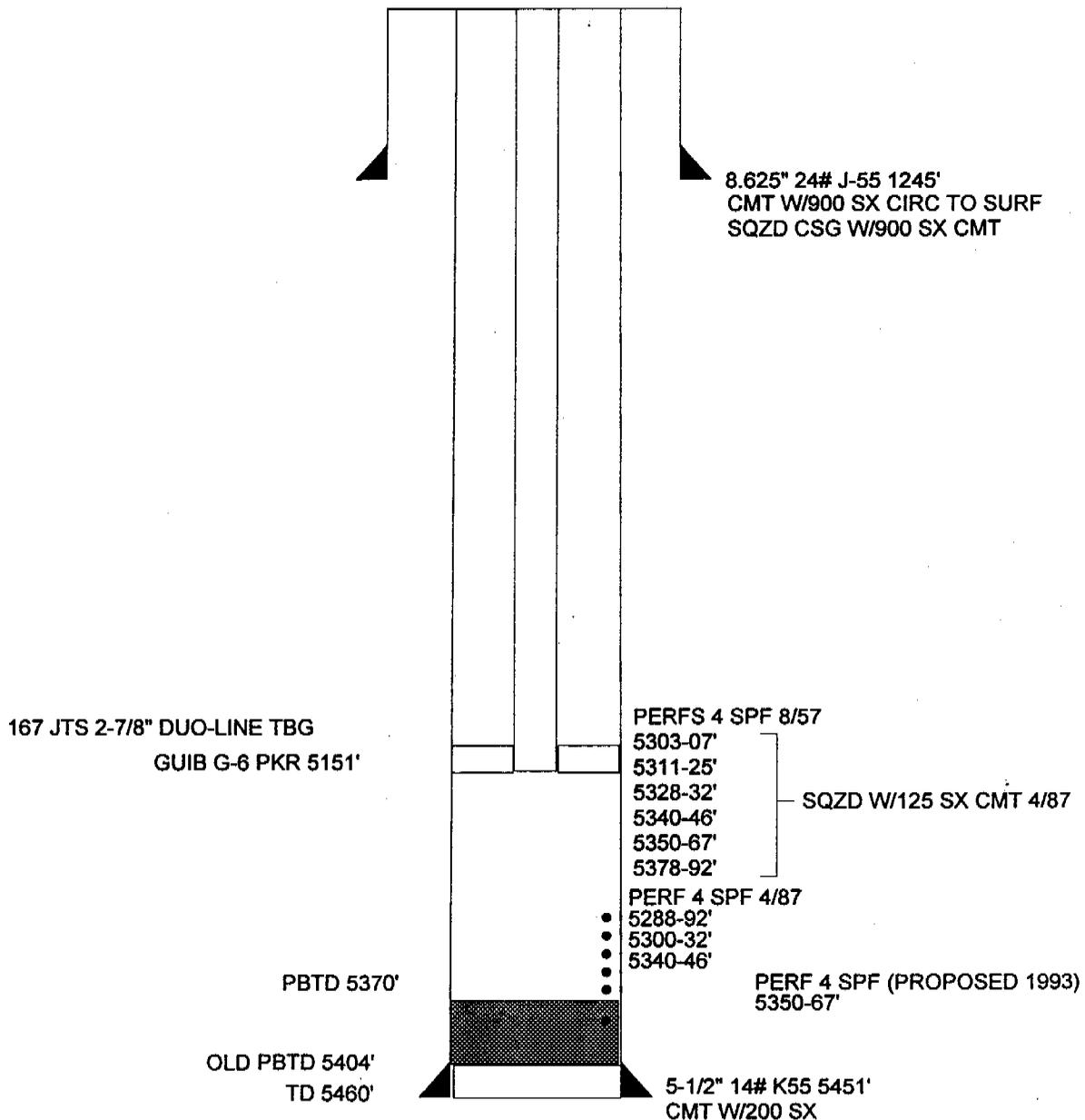
1. Lock and tag out all power sources. Check WHP. If well is not dead, RU pump and pump lines to injection head. Bullhead 40 bbls of 10 ppg brine into well to kill well.
2. MI workover rig. Bleed off casing pressure. ND injection head. NU and PT BOP's to 3000 psi high and 250 psi low. RU line from 5-1/2" casing annulus to flat bottom tank. Install adjustable choke in line.
3. Release Guiberson G-6 packer at 5151' and circulate hole to 10 ppg brine. POH laying down 2-7/8" Rice Duoline injection tubing. Representative from Rice Duoline to be on location to inspect tubing (1-800-345-7423). Have packer redressed.
4. RIH with bit and casing scraper for 5-1/2", 14 lb/ft casing on 2-7/8" workstring and CD to FBTD of 5370'. POH.
5. RIH with squeeze packer on 2-7/8" workstring and set at 5150'. PT casing to 1000 psi for 30 minutes. 5 percent leakoff or less is acceptable. Locate any casing leaks. POH.
6. If have casing leak, RU wireline unit. Set CIBP at 5150'. RIH open ended and spot 50 sxs class B cement containing 2 percent CaCl₂ across leak. Pull out of cement and reverse out. Bradenhead squeeze casing leak to 1000 psi. Stage cement as necessary. POH. RIH with mill and drill out cement. Retest to 1000 psi for 30 minutes. If PT OK, drill out CIBP and CD to FBTD at 5370'.
7. RIH with Guiberson 5-1/2" G-6 packer on previously pulled 2-7/8", Rice duoline tubing previously pulled from well. NOTE: If tubing can not be reused as per Rice Duoline inspection, run used 2-7/8" KCTS tubing.
8. ND BOP's. Install injection head. Reverse circulate kill weight packer fluid containing 1 percent by volume of Tretolite CRW137 corrosion inhibitor/oxygen scavenger.
9. Space out for 15,000 lbs compression at surface and set packer at +/- 5145'. NU and land injection head. RDMO workover rig.
10. Perform Mechanical Integrity Test (MIT) for EPA. Contact Jim Walker of the Navajo EPA in Shiprock at 505/268-1040 to witness. Use chart recorder to record test. Send copies of chart to Shirley Todd, Midland - 1206 MOB, Ed Barber, Aneth, and Aneth files. Fill out Utah tax credit form and send to Tiny Higman, Cortez office. After obtaining an acceptable MIT, place well on water injection on maximum choke.

WIW

RATHERFORD UNIT 11-42
GREATER ANETH FIELD
3290' FSL & 4617' FWL
SEC 11-T41S- R23E
SAN JUAN COUNTY UTAH
API 43-037-15841
PRISM# 0042979

EXISTING

KB 4497' 11" ABOVE 4486' GL



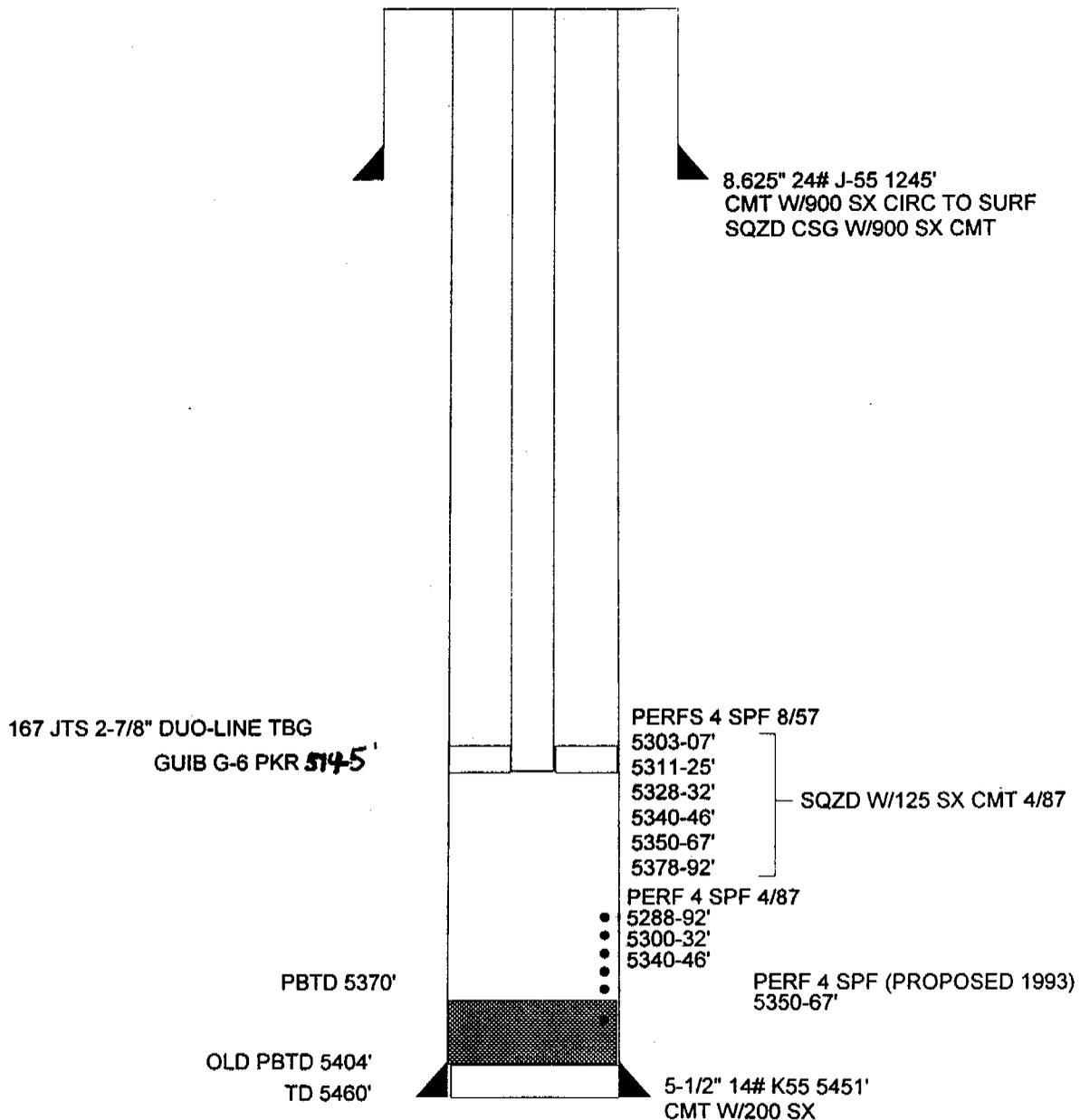
TOM COCHRANE 8-17-93

WIW

RATHERFORD UNIT 11-42
GREATER ANETH FIELD
3290' FSL & 4617' FWL
SEC 11-T41S- R23E
SAN JUAN COUNTY UTAH
API 43-037-15841
PRISM# 0042979

PROPOSED

KB 4497' 11' ABOVE 4486' GL



TOM COCHRANE 8-17-93

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals. JAN 16 1996

SUBMIT IN TRIPLICATE

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-246

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

11 W 42

9. API Well No.

43-037-15841

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

1. Type of Well

Oil Well

Gas Well

Other

INJECTOR

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702

9150688-2585

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

3290 FNL, 4617 FEL
SEC. 11, T41S, R23E

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

(Note: Report consists of multiple completion on Well Completion or Recommendation 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 ATTACHEMENT

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

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

Signed Shirley Robinson

Title ENV. & REG. TECHNICIAN

Date 1-12-96

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

<p>RECEIVED APR 15 1996 DIV. OF OIL, GAS & MINING</p>	<p>FORM APPROVED Bureau No. 1004-0135 Expires: March 31, 1993</p>
	<p>5. Lease Designation and Serial No. 14-20-603-246</p>
<p>6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL</p>	
<p>7. If Unit or CA Agreement Designation RATHERFORD UNIT</p>	
<p>8. Well Name and No. RATHERFORD 11 W 42</p>	
<p>9. API Well No. 43-037-15841</p>	
<p>10. Field and Pool, or exploratory Area GREATER ANETH</p>	
<p>11. County or Parish, State SAN JUAN UT</p>	

SUBMIT IN TRIPLICATE

<p>1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTOR</p>
<p>2. Name of Operator Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing TX & NM Inc.</p>
<p>3. Address and Telephone No. P.O. Box 633, Midland, TX 79702 (915) 688-2585</p>
<p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 3290 FNL, 4617 FEL SEC. 11, T41S, R23E</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> 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 WORKOVER
	<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.)

01-16-96 TO 01-22-96 MIRU. POOH 2 7/8" DUOLINE TBG, SET RBP @ 5135', LOAD CSG & PRESS TEST TO 1000# PSI F/ 30 MIN & HELD, REL RBP, TAG @ 5370' (PBD). 5.5" REDRESSED GUIBERSON G-6 PKR. W/ 2 7/8" DUOLINE TBG W/ REP ON LOCATION. CIRC 120 BBLs PKR FLUID, SET PKR @ 5144', PRESS TEST CSG TO 1000# PSI F/ 30 MIN & HELD. RDMO.

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

Signed Shirley Robertson Title ENV. & REG. TECHNICIAN Date 04-10-96

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

14-20-603-246

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 11-W-42

9. API Well No.

43-037-15841

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. 11, T41S, R23E
3290' FSL & 4617' FWL

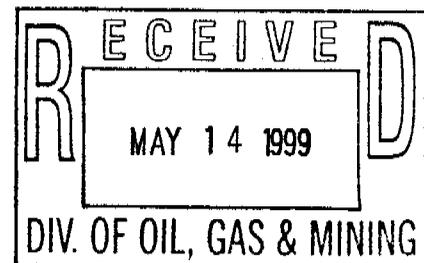
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

SEE ATTACHED CHART.



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

Signed

Shirley Houchins

Title

SHIRLEY HOUCHINS/ENV & REG TECH

Date

5-12-99

(This space for Federal or State office use)

Approved by

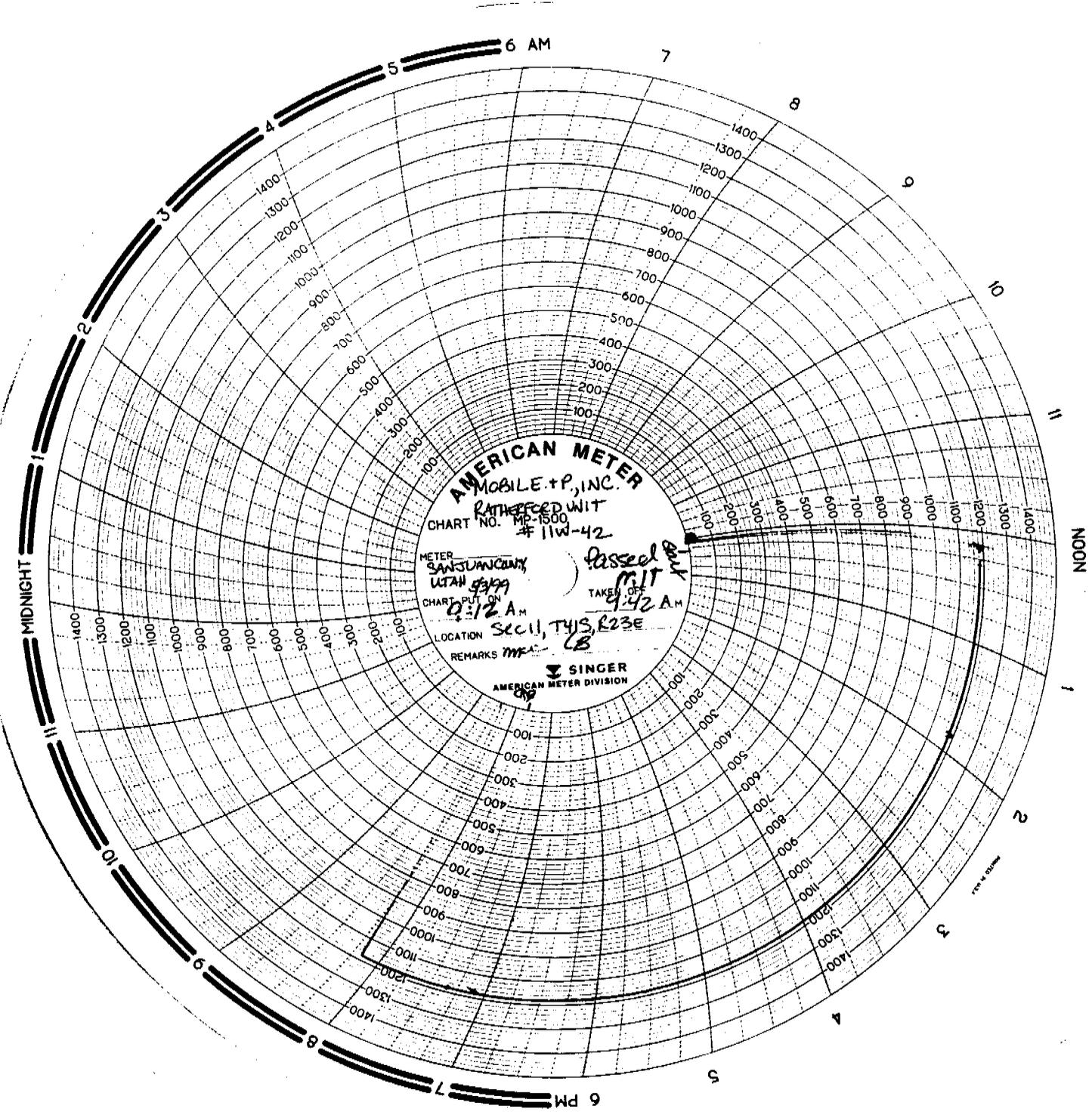
Title

Date

Conditions of approval, if any:

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

* See instruction on Reverse Side



AMERICAN METER
MOBILE T.P., INC.

RATHER FORD WIT
CHART NO. MP-1500
11W-42

METER
SAN JUAN COUNTY,
UTAH 83499

CHART PUT ON
9:12 A.M.

LOCATION
Sec 11, T4S, R23E

REMARKS
MFA-
CB

Passed
MIT
9:42 A.M.

SINGER
AMERICAN METER DIVISION

6 AM
7
8
9
10
11
NOON
1
2
3
4
5
6 PM

1400
1300
1200
1100
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0

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 with Instructions on Form 3160

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	3b. Phone No. (include area code) 713-431-1022	7. If Unit or CA/Agreement, Name and/or No. Ratherford Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See Attached Listing		8. Well Name and No. 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

43-037-158A1

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	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable 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 recompletable 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 14 2000

DIVISION OF
OIL, GAS AND MINING

COPY SENT TO OPERATOR

Date: 9-19-00
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 9/12/00

THIS SPACE FOR FEDERAL OR STATE AGENCY USE

Approved By	Title	ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING DATE: <u>9-18-00</u> <i>RSK</i>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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

Federal Approval Of This
Action Is Necessary

Attached Listing of Ratherford Wells

Well Name Number	API Number	Federal Lease #	Sec T R	Location
Ratherford 7-W-34	43-037-15989	14-20-603-368	07 - T41S - R24E	710 FSL / 2003 FEL
Ratherford 11-W-42	43-037-15841	14-20-603-246	11 - T41S - R23E	3290 FLS / 4617 FWL
Ratherford 12-W-11	43-037-15843	14-20-603-246A	12 - T41S - R23E	678 FNL / 4620FEL
Ratherford 13-W-22	43-037-15852	14-20-603-247A	13 - T41S - R23E	1988 FNL / 3300 FEL
Ratherford 13-W-31	43-037-15854	14-20-603-247A	13 - T41S - R23E	660 FNL / 1980 FEL
Ratherford 16-W-42	43-037-15720	14-20-603-355	16 - T41S - R24E	1880 FNL / 660 FWL
Ratherford 20-W-21	43-037-16423	14-20-603-353	20 - T41S - R 24E	600 FNL / 1880 FWL
Ratherford 24-W-31	43-037-15862	14-20-603-247A	24 - T41S - R23E	560 FNL / 1830 FEL
Ratherford 29-W-21	43-037-16432	14-20-603-407	29 - T41S - R24E	662 FNL / 2122 FWL

RECEIVED

SEP 14 2000

DIVISION OF
OIL, GAS AND MINING

SUB SURFACE MAINTENANCE PROGRAM

WELL NO : Ratherford 11-W-42 / API # 43-037-15841

SEC 11-T41S-R23E

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 wireline company and set plug in 1.78" F profile located above 5 1/2" Guiberson G6 PKR set at 5144'. Circ calculated kill fluid down tbg.
- (2) MIRU PU. Release from on/off tool and circ calculated kill fluid down the tbg and up the backside. Pick up on tbg and LD 1" 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) POOH hydrotesting each joint and LD first joint and SB remaining 166jts of 2 7/8" Duolined tbg and LD all joints that fail 3500psi test.
- (8) RDMO Campbell tbg testers.
- (9) PU redressed on/off tool, and RIH on 2 7/8" Duolined tbg.
- (11) Latch back on to pkr set @ 5144.
- (12) Release on/off tool, circ. Pkr. Fluid (138bbbls of freshwater w/ 58gal of Baker Petrolite CRW 132F) latch on to pkr. Test csg to 1000psi.
Note - Volume based on a pkr setting depth of 5144' + % of total volume.

RECEIVED

SEP 14 2003

DIVISION OF
OIL, GAS AND MINING

Continued....

(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) MIRU wireline company and retrieve plug from 1.78 F profile. RDMO wireline company.

(15) Clean location RDMO PU.

RECEIVED

SEP 14 2000

DIVISION OF
OIL, GAS AND MINING

Watherford 11-W-42
WELL ID
API # 43-037-15841
SEC 11-T41S-R23E

OVERALL OBJECTIVE:

- (1) Kill well
- (2) Pull equipment and switch out wellhead
- (3) RIH w/ equipment & return to inj

Surface csg - 8 5/8", 28#,
H40. 1245'

167 jts of 2 7/8" Duolined Tbg

Surface Csg Shoe @1245'

EXISTING EQUIPMENT

Run time - 8/31/93

- 167jts of 2 7/8" Duolined tbg
- 5 1/2" on/off tool
- 1.78F profile
- 5 1/2" Guiberson G6 pkr @5144'

NEW EQUIPMENT INFO

- New 5000psi wellhead
- Same as existing equipment

5 1/2" on/off tool, 1.78F profile, Guiberson G6 pkr @5144'

Perfs

- 5288'-5292'
- 5300'-5332'
- 5340'-5346'
- 5349'-5366'
- 5350'-5367'
- 5378'-5392'

5 1/2", K55, 14#, 5451'

PBTD - 5404'
TD - 5460'

RECEIVED

SEP 14 2000

DIVISION OF
OIL, GAS AND MINING

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

June 27, 2001

ExxonMobil
Production

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

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

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

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

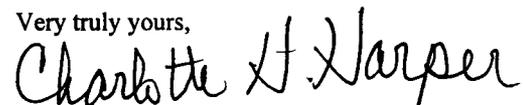
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

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

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

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

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

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

RECEIVED

JUN 27 2001
DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
XXXXXXXXXXXXXXXXXXXX
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,

DEMMI 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>DMC</i>
NATV AFF MIN COORD	_____
SOLID MIN TEAM	_____
PETRO MENT TEAM	<i>2</i>
O & G INDEPT TEAM	_____
ALL TEAM LEADERS	_____
LAND RESOURCES	_____
ENVIRONMENT	_____
FILES	_____

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

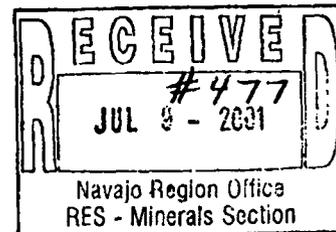
MS 7/12/2001
SH
543
File

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.

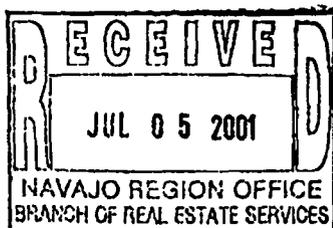
If you have any questions , please contact Alex Correa at (713) 431-1012.

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 Isaac

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

Gentlemen:

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

OFFICERS

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

DIRECTORS

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

Sincerely,



Alex Correa

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



Signature

AGENT AND ATTORNEY IN FACT

Title

CERTIFICATION

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

CHANGE OF COMPANY NAME

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

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

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

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

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

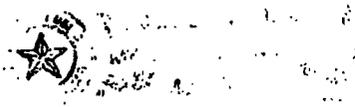
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. A. Milligan
Assistant Secretary

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

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

Janice M. Phillips
Notary Public



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

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

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

World Center One South, Suite 1900, Houston, Texas 77027-3331
Telephone: (713) 297-4600 • Facsimile: (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



**Chubb
Surety**

**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 by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and that the signature of said Kenneth C. Wendel was thereto subscribed by authority of said Kenneth C. Wendel in the presence of said Kenneth C. Wendel.



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, 1892.

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.

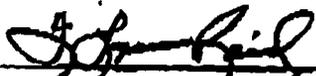
IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



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.



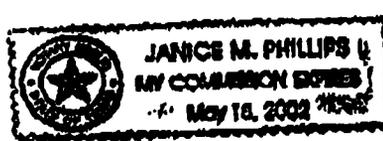
F. L. REID, Secretary

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.155 04/04
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

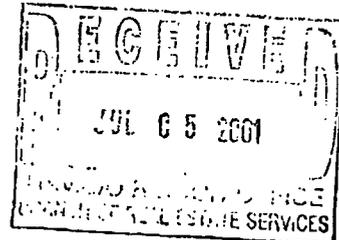
6959 Las Colinas Blvd.
(Mailing address)

TAX \$ _____
BY: *SAC*

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

ny / Albany

Case Ref # 165578 MPJ



010601000195

State of New York }
Department of State } ss:

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

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



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

Special Deputy Secretary of State

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 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
1-24	01-41S-23E	43-037-15839	6280	INDIAN	WI	A
N DESERT CR 44-2 (2-44)	02-41S-23E	43-037-16386	99990	INDIAN	WI	A
11-42	11-41S-23E	43-037-15841	6280	INDIAN	WI	A
11-44	11-41S-23E	43-037-15842	6280	INDIAN	WI	A
12-11	12-41S-23E	43-037-15843	6280	INDIAN	WI	A
RATHERFORD 12-W-22	12-41S-23E	43-037-15845	6280	INDIAN	WI	A
12-31	12-41S-23E	43-037-15847	6280	INDIAN	WI	A
RATHERFORD 12-W-33	12-41S-23E	43-037-15848	6280	INDIAN	WI	A
12-42	12-41S-23E	43-037-15850	6280	INDIAN	WI	A
N DESERT CR 13-12 (12-13)	12-41S-23E	43-037-16404	99990	INDIAN	WI	A
RATHERFORD U 12-24	12-41S-23E	43-037-31151	6280	INDIAN	WI	A
RATHERFORD U 12-W-44A	12-41S-23E	43-037-31543	6280	INDIAN	WI	A
13-W-13	13-41S-23E	43-037-15851	6280	INDIAN	WI	A
13-22	13-41S-23E	43-037-15852	6280	INDIAN	WI	A
13-24	13-41S-23E	43-037-15853	6280	INDIAN	WI	A
13-31	13-41S-23E	43-037-15854	6280	INDIAN	WI	A
RATHERFORD 13-W-33	13-41S-23E	43-037-15855	6280	INDIAN	WI	A
13-42	13-41S-23E	43-037-15857	6280	INDIAN	WI	A
N DESERT CR 44-13 (13W44)	13-41S-23E	43-037-16407	99990	INDIAN	WI	A
RATHERFORD U 13-W-11	13-41S-23E	43-037-31152	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: 04/09/2002

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/9/2002

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

EFFECTIVE DATE OF TRANSFER: 6/1/2006

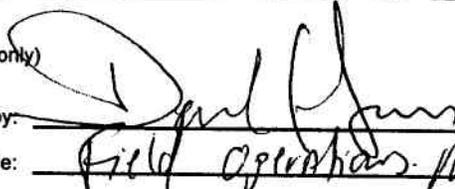
CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: 
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

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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 <u>N2700</u>		8. WELL NAME and NUMBER: See attached list
3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202		9. API NUMBER: Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See attached list</u> COUNTY: <u>San Juan</u>		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) Dwight E Malloy TITLE Regulatory Coordinator

SIGNATURE *Dwight E Malloy* DATE 4/20/2006

(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

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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
		7. UNIT or CA AGREEMENT NAME: UTU68931A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>	8. WELL NAME and NUMBER: Ratherford	
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <i>N1855</i>		9. API NUMBER: attached
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY Houston STATE TX ZIP 77210-4358	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)

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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