

On 2-28-63 I talked to Mr Joe E. Dalmon, Dist. Supt,  
about the amended notice filed on this well. He said  
to completely disregard their first notice, & that  
the well will be drilled at the location of  
their amended notice.

Samie F. Dalmon

FILE NOTATIONS

Entered in NID File  \_\_\_\_\_  
 Entered On S R Sheet \_\_\_\_\_  
 Location Map Pinned  \_\_\_\_\_  
 Card Indexed  \_\_\_\_\_  
 I W R for State or Fee Land \_\_\_\_\_

Checked by Chief PMB \_\_\_\_\_  
 Copy NID to Field Office  \_\_\_\_\_  
 Approval Letter  \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 4-17-63  
 OW  WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected \_\_\_\_\_  
 Bond returned \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 4-22-63  
 Electric Logs (No. ) 3

E \_\_\_\_\_ I \_\_\_\_\_ E-I  GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro   
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic GR  Oth.s \_\_\_\_\_

*Amended program checked & pinned*  
 PMB

*Copied H. L. C.*

Budget Bureau No. 42-R359.4  
Approval expires 12-31-60.

Form 9-381 b  
(April 1952)

(SUBMIT IN TRIPLICATE)

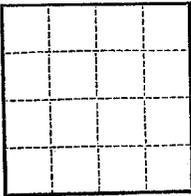
Indian Agency Navajo

*AMB*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-603-242



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)

November 19, 1962

Well No. 67-4 is located 1193 ft. from N line and 605 ft. from W line of sec. 9

*SW*

NW 1/4 Sec. 9 41S 23E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Gothic Mesa San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4652 ft. (Ungraded)

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)

TO:  
Set 300 feet of 13-3/8" surface casing and cement to surface.  
Run 8-5/8" intermediate casing to approximately 1475 feet and cement with 500 sx., if water flow is encountered. Drill 7-7/8" hole to approximate total depth of 5675 feet or through the Desert Creek formation. Run 4 1/2" production casing to total depth and cement with 200 sx. Perforate Ismay and Desert Creek formations. Acidize perforations and run 2-3/8" tubing.

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

Company Aztec Oil and Gas Company  
Address P. O. Drawer 570  
Farmington  
New Mexico  
By Clair M. Senior  
Title Attorney

*pmb*

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

---

IN THE MATTER OF THE REQUEST OF )  
AZTEC OIL AND GAS COMPANY FOR AN ) NOTICE  
EXCEPTION TO GENERAL RULE C-3(b) ) Cause No. 82

THE STATE OF UTAH TO ALL OPERATORS, TAKERS OF PRODUCTION,  
MINERAL AND ROYALTY OWNERS AND OTHER PERSONS IN THE STATE OF  
UTAH, AND PARTICULARLY ALL PERSONS INTERESTED IN AND CONCERNED  
WITH SECTION 9, TOWNSHIP 41 SOUTH, RANGE 23 EAST, SLM, SAN  
JUAN COUNTY, UTAH:

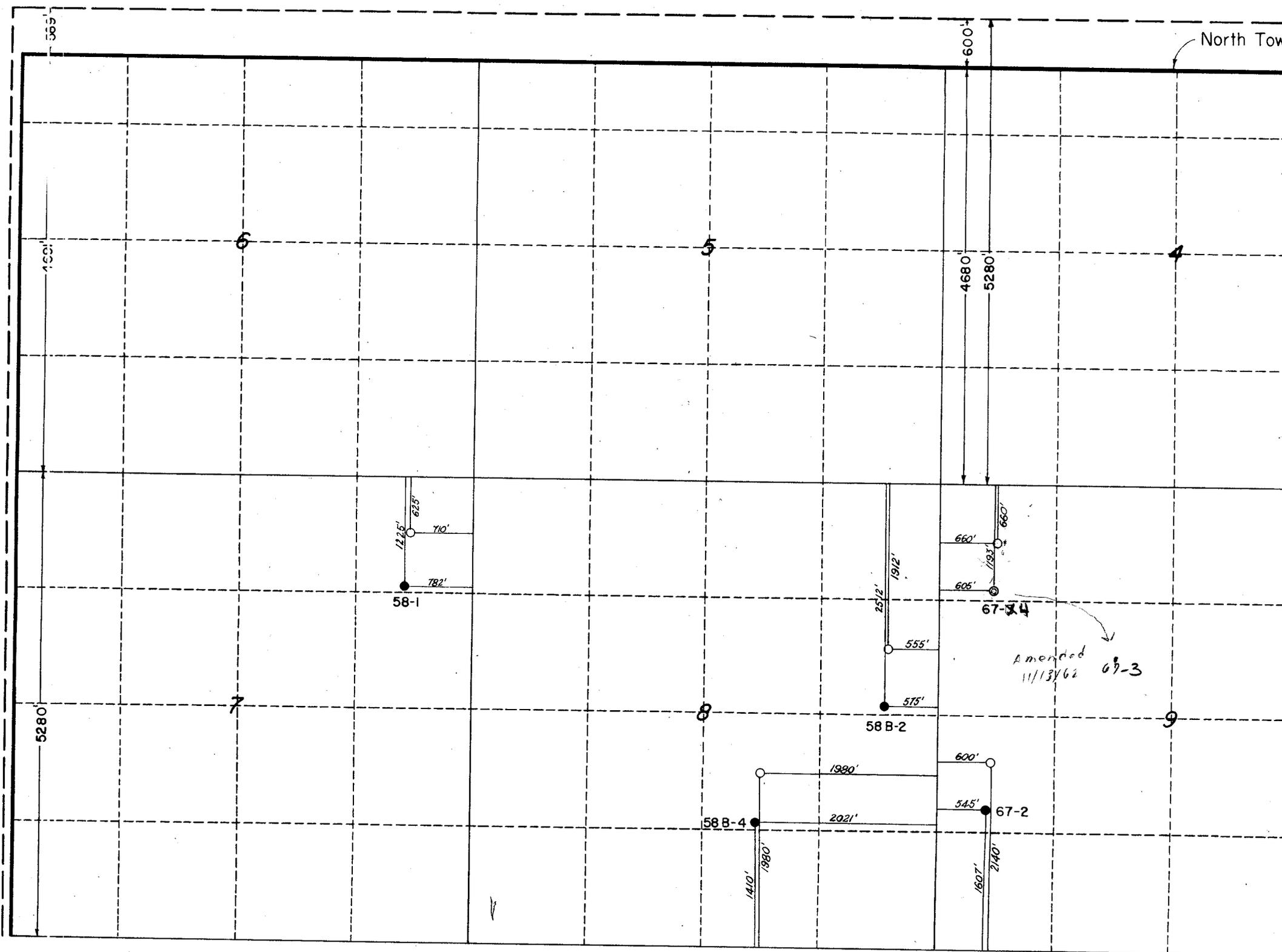
Notice is hereby given that Aztec Oil and Gas  
Company has requested this Commission to approve the drilling  
of a well in the NW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 9, T. 41 S., R. 23 E., SLM,  
San Juan County, Utah, at a location 1193 feet from the North  
line and 605 feet from the West line of said Section; that  
any interested party having objection to the drilling of a well  
at such location is allowed to and including Tuesday, December  
4, 1962, within which to file with this Commission a statement  
of such objection; that if any objection is filed within such  
period the matter will be set for hearing; and that if no such  
objection is filed within said period or if any objection or  
objections be filed and, thereafter and prior to hearing, be  
waived, then such request will be approved by this Commission.

DATED this 20th day of November, 1962.

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION

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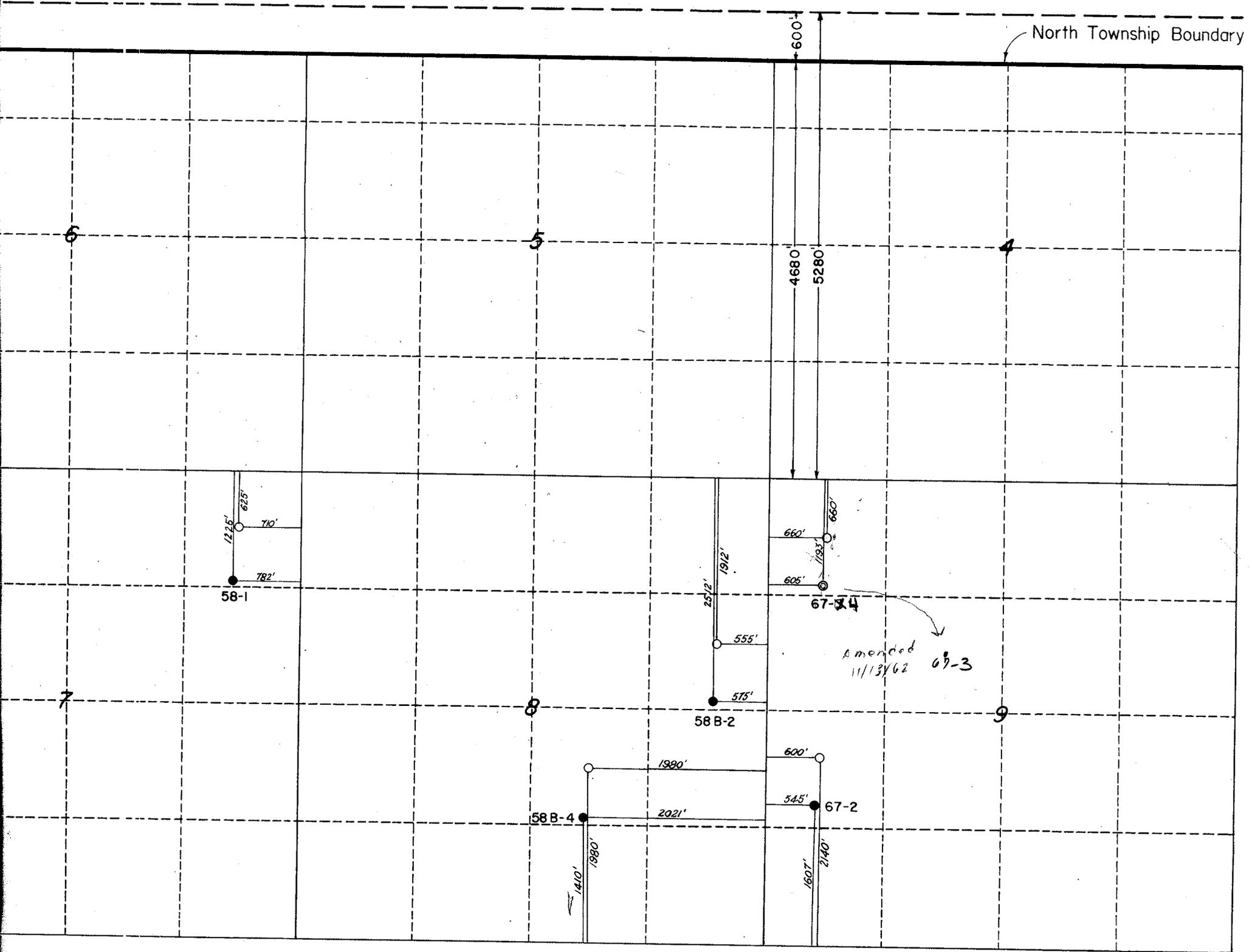
Cleon B. Feight  
Executive Secretary



R 23 E

*PLAT OF AZTEC OIL & GAS COMPANY'S  
LEASES, SAN JUAN COUNTY, UTAH,  
SHOWING DISCREPANCY BETWEEN ACTUAL  
AND AUTHORIZED WELL LOCATIONS  
RESULTING FROM SURVEY ERRORS.*

- ⊙ Actual Proposed Well Location
- Actual Well Location
- Authorized Well Location



R 23 E

*PLAT OF AZTEC OIL & GAS COMPANY'S  
LEASES, SAN JUAN COUNTY, UTAH,  
SHOWING DISCREPANCY BETWEEN ACTUAL  
AND AUTHORIZED WELL LOCATIONS  
RESULTING FROM SURVEY ERRORS.*

- ⊙ Actual Proposed Well Location
- Actual Well Location
- Authorized Well Location

December 18, 1962

Artec Oil and Gas Company  
P. O. Drawer 570  
Farmington, New Mexico

Attention: Clair M. Senior,  
Attorney

Gentlemen:

No objection has been received as a result of the publication of the "Order to Show Cause" in Cause No. 82. Therefore, approval to drill Well No. Nevada 67-#4, located 1193 feet from the north line and 605 feet from the west line of Section 9, Township 41 South, Range 23 East, SLBM, San Juan County, Utah, is hereby granted.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cp

cc: Clair M. Senior, Atty.

F. T. McGrath, Dist. Eng.  
USGS - Farmington, New Mexico

H. L. Counts, Pet. Eng.  
OGCC - Moab, Utah

248. PMB  
7

# AZTEC OIL & GAS COMPANY

P. O. DRAWER 570  
FARMINGTON, NEW MEXICO

Utah Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City, Utah

RE: Navajo 67-4 well  
550/S and 1820/W  
Sec. 9, T-41S, R-23E  
San Juan Co., Utah

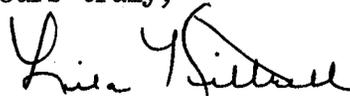
Gentlemen:

In connection with the above captioned well, we are in receipt of your approval to drill as per our amended notice of intention dated February 22, 1963.

Please disregard any previous locations staked for the Navajo 67-4, the above being the true and correct footage to be used in drilling and completion of said well.

Should anything further be needed in order to clarify this matter, please let us know.

Yours truly,



Lila Kittrell

H.

*Copy H.L.C.*  
(SUBMIT IN TRIPLICATE)


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Navajo  
Allotted \_\_\_\_\_  
Lease No. 11-20-603-242

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL <b>AMENDED</b> <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)

February 22, 19 63

**NAVAJO**  
Well No. 67-4 is located 550 ft. from Top line and 1820 ft. from W line of sec. 9

SW SE

SW 1/4 Section 9 T-41E R-23E S.L.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Gothic Mesa Field San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4559 ft. G.L.

DETAILS OF WORK

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

PROPOSE TO:

- Set 300 feet of 13 3/8" casing and cement to surface.
- Run 8 5/8" intermediate casing to approximately 1370' and cement with 500 sacks cement, if water flow is encountered.
- Drill 7 7/8" hole to approximate total depth of 5655' or through the Desert Creek formation. Run 4 1/2" production casing to total and cement with 200 sacks.
- Perforate Ismay and Desert Creek formations
- Acidize perforations and run 2 3/8" tubing.

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

Company Astec Oil & Gas Company

Address Drawer # 570  
Farmington, New Mexico  
325-1841

By Joe C. Salmon  
Joe C. Salmon  
Title District Superintendent

COMPANY Axtex Oil & Gas Company

Well Name & No. Navajo 67-4

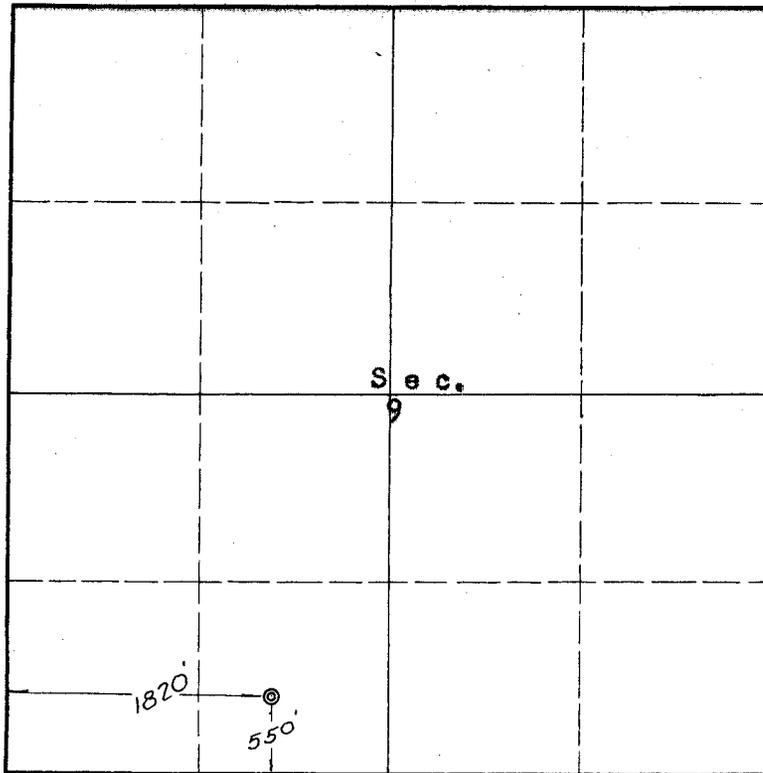
Lease No. \_\_\_\_\_

Location 550 feet from the South line and 1820 feet from the West line.

Being in SE 1/4 SW 1/4

Sec. 9, T. 41 S., R. 23 East, Salt Lake Meridian, San Juan County, Utah.

Ground Elevation 4559, ungraded



Surveyed November 12, \_\_\_\_\_, 19 62

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



*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
~~N.M. Reg. #1545~~  
Utah Reg. No. 2611

AMENDED

March 4, 1963

Aztec Oil & Gas Company  
Drawer #570  
Farmington, New Mexico

Attention: Joe.C. Salmon,  
District Superintendent

Gentlemen:

This is to acknowledge receipt of your amended notice of intention to drill Well No. Navajo 67-#4, which will now be located 550 feet from the south line and 1820 feet from the west line of Section 9, Township 41 South, Range 23 East, SLBM, San Juan County, Utah.

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

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

Very truly yours,

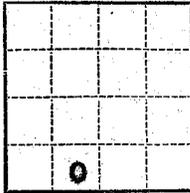
OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cp

cc: P. T. McGrath, Dist. Eng.  
USCS - Farmington, New Mexico

H. L. Coonts, Pet. Eng.  
OGCC - Moab, Utah



*Copy H.L.C.*  
(SUBMIT IN TRIPLICATE)

Indian Agency NAVAJO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-603-242

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

MARCH

14

19 63

NAVAJO  
Well No. 67-4 is located 550 ft. from XNY line and 1820 ft. from XEN line of sec. 9

SW 1/4, SECTION 9  
(1/4 Sec. and Sec. No.)

T-41-S  
(Twp.)

R-23-E  
(Range)

S.L.P.M.  
(Meridian)

GOthic MESA  
(Field)

SAN JUAN  
(County or Subdivision)

UTAH  
(State or Territory)

The elevation of the derrick floor above sea level is 4559 ft. g.l.

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)

Well was spudded: March 13, 1963

Ran 10 joints, 305' of 13 3/8" casing, landed at 318'.  
Cemented with 280 sx., neat incor, 2% CACL2.  
Tested casing with 500# pressure for 30 minutes.  
No leaks. Drilled cement 3/14/63  
Tested with 500# pressure for 30 minutes.  
No drop in pressure.

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

Company AZTEC OIL AND GAS COMPANY

Address P. O. DRAWER 570

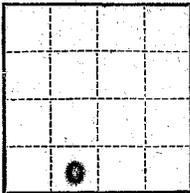
FARMINGTON, NEW MEXICO

By Joe C. Salmon

JOE C. SALMON

Title DISTRICT SUPERINTENDENT

(SUBMIT IN TRIPLICATE)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency NAVAJO  
Allottee \_\_\_\_\_  
Lease No. 14-20-603-242

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

April 9, 19 63

NAVAJO  
Well No. 67-4 is located 550 ft. from N line and 1890 ft. from W line of sec. 9  
SW 1/4, SECTION 9      T-41-S      R-23-E      S.L.P.M.  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
GOthic MESA      SAN JUAN      UTAH  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 4559 ft. S.L.

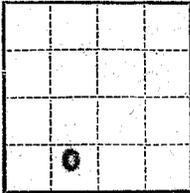
DETAILS OF WORK

(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)

T.D. - 5630'      P.B.T.D. - 5602'  
Ran logs: Moenkopi-2158, Organ Rock-2490, Cutler-3252, Harnosa-4347, Isany-5246, Desert Creek-5463 and Base Desert Creek-5587.  
Ran 43 joints, 1316' of 8 5/8" casing, landed at 1327'. Cemented with 190 sacks. Tested casing with 500# pressure for two hours. Pipe - O.K.  
Perforated with 4 shots per foot -- 5395-5402 and 5408-5412.  
Ran 176 joints, 5618' of 4 1/2" casing, landed at 5630'. Cemented with 180 sacks. Tested casing with 500# pressure for two hours. Pipe - O.K.  
Drill Stem Test #1 - 5329-5480 -- Very weak blow at beginning, dead after 1 hour, recovered 35' - very slightly gas cut drilling mud.  
Drill Stem Test #2 - 5499-5630 -- No blow during flow, recovered 60' drilling mud last 25' - very slightly oil and gas cut.

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

Company AZTEC OIL & GAS COMPANY  
Address P. O. DRAWER 570  
FARMINGTON, NEW MEXICO  
By JOE C. SALMON  
Title DISTRICT SUPERINTENDENT



*Copy H.L.C.*  
(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_

**NAVAJO**

Allottee \_\_\_\_\_

Lease No. **14-60-603-242**

**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	<b>XX</b>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

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

April 9, 1963

**NAVAJO**

Well No. **67-4** is located **550** ft. from **XXX** [S] line and **1620** ft. from **XXX** [W] line of sec. **9**

**SW 1/4, SECTION 9**      **T-41-S**      **R-23-E**      **S.L.P.M.**  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
**GOthic MESA**      **SAN JUAN**      **UTAH**  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is **4559** ft. **S.L.**

**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)

**P.B.T.D. - 5602**

Acidized with 7500 gallons, 15% HCL acid, plus 2500 gallons, 10% SSS- acetic acid.

Breakdown pressure-4100, Average treating pressure-4100, Maximum pressure-4700, Average Injection Rate-3 bpm, Flushed with 24 barrels water, Shut In - 3700, 15 Min Shut In-3600. Left shut in for 1 1/2 hours.

Perforated with 4 shots per foot -- 5540-5544, 5556-5560 and 5566-5574.

Ran 176 joints, 5555' of 2 3/8" tubing, landed at 5567 K.B.

Flowing through tubing.

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

Company **AZTEC OIL & GAS COMPANY**

Address **P. O. DRAWER 570**

**FARMINGTON, NEW MEXICO**

By \_\_\_\_\_

**JOE C. SALMON**

Title **DISTRICT SUPERINTENDENT**



FOLD MARK

13 3/8	318	280	Displacement
8 5/8	1327	190	Two Plug

**PLUGS AND ADAPTERS**

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

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Perforated w/4 shots/ft - 5395-5402 and 5408-5412, Acidized w/10,000 gals., 15% acid, BDP-4100, ATP-4100, MP-4700, AIR-3 bpm, flushed w/24 bbls water, ISP-3700, left shut in 1 1/2 hrs.						
Perforated w/4 shots/ft - 5540-5544, 5556-5560, 5566-5574, Acidized w/15,000 gals., acid, BDP-3200, ATP-4500, MP-4500, AIR-2.5 bpm, flushed w/24 bbls oil, ISP-2900, left shut in 1 hr.						

**TOOLS USED**

Rotary tools were used from 0 feet to 5630 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

APRIL 18, 1963 Put to producing APRIL 17, 1963  
 The production for the first 24 hours was 80 barrels of fluid of which 30 barrels was oil; no % emulsion 50 % water; and no % sediment. Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0	490	490	Surface <span style="float: right;">LOG TOPS</span>
490	995	505	Sand & Shale Moenkopi 2158
995	1330	335	Sand & Shale Organ Rock 2490
1330	1558	228	Sand & Shale Cutler 3252
1558	1913	355	Sand & Shale Hermosa 4347
1913	2512	593	Sand & Shale Ismay 5246
2512	2685	173	Sand & Shale Paradox Shale 5424
2685	2808	123	Sand & Shale Desert Creek 5463
2808	2925	117	Sand & Shale B. Desert Creek 5587
2925	3143	218	Sand & Shale
3143	3267	124	Sand & Shale
3267	3433	166	Sand & Shale
3433	3526	93	Sand & Shale
3526	3655	129	Sand & Shale
3655	3779	124	Sand & Shale
3779	3836	57	Sand & Shale
3836	3938	102	Sand & Shale
3938	4000	62	Sand & Shale
4000	4099	99	Sand & Shale
4099	4150	51	Sand & Shale
4150	4227	77	Sand & Shale
4227	4300	73	Sand & Shale
4300	4356	56	Sand, Shale & Lime
4356	4418	62	Sand & Lime
4418	4450	32	Shale & Lime
4450	4516	66	Shale & Lime

H.



*George*

*PMB*

(SUBMIT IN TRIPLICATE)

Indian Agency \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-603-242

X		

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

August 17, 1964

Well No. NAVAJO 67-1/4 is located 550 ft. from [S] line and 1820 ft. from [W] line of sec. 9  
SW/4 Sec. 9 41S 23E SLPM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Gothic Mesa San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4559 ft. GL

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)

Set Bridge Plug at 5400'  
 Squeeze off Ismay perms from 5395-5402, 5408-5412  
 Clean out to 5595'  
 Run plastic coated tubing and set packer at approx. 5500'

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

Company Aztec Oil & Gas Company

Address Drawer 570

Farmington, New Mexico

By ORIGINAL SIGNED BY JOE C. SALMON

Title District Superintendent

*P.*

(SUBMIT IN TRIPLICATE)

X		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Agency \_\_\_\_\_  
Allottee \_\_\_\_\_  
Lease No. 14-20-501-112

**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	X	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	X	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO INDOT ON ACTIVE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
Prepare well for water injection			

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

August 19, 19 68

Well No. NAVAJO 67 is located 550 ft. from S line and 1820 ft. from W line of sec. 9

SW/4 Sec. 9 (4 Sec. and 40. No.)      418 (Twp.)      23E (Range)      SLPM (Mudline)  
Gothig Mass (Field)      San Juan (County or Subdivision)      Utah (State or Territory)

The elevation of the derrick floor above sea level is 4559 ft. GL

**DETAILS OF WORK**

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

Set Bridge Plug at 5400'  
Squeeze off Lmmy perfs from 5395-5402, 5408-5412  
Clean out to 5595'  
Run plastic coated tubing and set packer at approx. 5500'

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

Company Aztec Oil & Gas Company

Address Drawer #570,  
Farmington, New Mexico

By Joe C. Salmon  
Title District Superintendent

*George M. Mc*

X		

STAMIT IN TRIPLICATE

Indian Agency \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Altogether \_\_\_\_\_

Less No. 14-20-60-242

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	X
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	Repair for water injection	

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

August 20, 19 64

NAVAJO

Well No. 67-4 is located 550 ft. from S line and 1820 ft. from W line of sec. 9

8/4 Section 9      418      23E      SLPM  
(4 Cor. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Goshute Mesa      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 4559 ft.

DETAILS OF WORK

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

Rigged up. Pulled rods & tubing. Ran packer. Set Mag. Bridge Plug 5475'. Set packer 5232. Squeezed Ismay perfs w/100 sx 50-50 poundx, 6% Hald-9 No job. Re-squeeze with 100 sx 50-50 poundx 6% Hald-9, 2% cacl. Bridge plug failed. Cemented both zones. Cleaned out to FSD. Pressured to 2000# = O.K.  
Re-perforate Desert Creek formation. Perf 4 shots per foot at 5540-44 5556 to 60 5566 to 74 Ran Halliburton R-3 packer

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

Company Astec Oil & Gas Company

Address Drewer #570

Demington, New Mexico

By Joe C. Salmon  
Title District Superintendent

POOR COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE -----  
TRIBE -----  
LEASE NO. 14-20-603-212

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field UNRESERVED  
The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1964, NAVAJO 67-1  
Agent's address DRAWER 570 Company ARCO OIL & GAS COMPANY  
FARMINGTON, NEW MEXICO Signed Carl E. Jameson  
Original Signed By  
Phone 325-1041 Agent's title DISTRICT ENGINEER

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE SE	41S	23E	1	0						Injection Well
9 NW SE	41S	23E	2	30	563.86	43.0	310.0		40	Injection Well
9 SE SW	41S	23E	4	0			310.0		40	
<b>TOTALS</b>										

NOTE.—There were 553.86 runs or sales of oil; 90 M. cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

November 24, 1964

Artes Oil & Gas Company  
Boxer 570  
Farmington, New Mexico

Re: Well No. Navajo 67-1  
Sec. 9, T. 41 S., R. 23 E.,  
  
Well No. Navajo 67-4  
Sec. 9, T. 41 S., R. 23 E.,  
  
Well No. Navajo 68-4  
Sec. 16, T. 41 S., R. 23 E.,  
  
Well No. Navajo 68-6  
Sec. 16, T. 41 S., R. 23 E.,  
San Juan County, Utah

Gentlemen:

It would be appreciated if you could furnish this office with the dates that you commenced and completed operations to convert to water injection for the above mentioned wells.

Also, it was noted that a correlation log was run on Well No. 68-6, of which we would like a copy.

Thank you for your cooperation in this request.

Very truly yours,  
OIL & GAS CONSERVATION COMMISSION

CLARELLA H. PECK  
SUPERVISING CLERK STENOGRAPHER

CHP:ech

W.

**AZTEC OIL & GAS COMPANY**

P. O. DRAWER 570  
FARMINGTON, NEW MEXICO

November 30, 1964

Oil & Gas Conservation Commission  
348 East South Temple  
Suite 301  
Salt Lake City, Utah

Attn: Clarella N. Peck  
Supervising Clerk Stenographer

Dear Mrs. Peck:

Below is the information you asked for in your letter to us dated November 24, 1964:

Navajo 67-1	Commenced 8-11-64	Completed 8-15-64
<del>Navajo 67-4</del>	Commenced 8-16-64	Completed 8-20-64
<del>Navajo 68-4</del>	Commenced 8-24-64	Completed 8-26-64
Navajo 68-6	Commenced 8-21-64	Completed 8-24-64

Yours truly,



Carl E. Jameson  
District Engineer

CEJ/ab



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

*sent to Superior  
3-22-84*

February 6, 1984

Southland Royalty Company  
PO Drawer 570  
Farmington, New Mexico 87401

RE: GMV Well #67-1 and #67-4

Gentlemen,

The "Monthly Produced Water Disposal Report" filed by Southland Royalty for the month of December 1983 states that water is being injected into Gothic Mesa in wells #67-1 and #67-4.

The records of this Division do not indicate that said wells were ever converted to water disposal and/or injection wells.

Would you please inform this Division of their present status.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cleon B. Feight*  
CLEON B. FEIGHT  
UIC MANAGER

CBF/mfp

*Jack talked to Doug Harris 2/17/84 Both wells  
are still carried SWD (call injection because of  
the unit agreement + waterflood program 5-23-85*

**SUPERIOR OIL**

**RECEIVED**  
FEB 14 1984

February 9, 1984

**DIVISION OF  
OIL, GAS & MINING**

Hal Balthrop  
State of Utah  
Oil, Gas & Mining  
4241 State Office Bldg  
Salt Lake City, Utah 84114

Re: Well Names  
White Mesa/Gothic Mesa Units  
San Juan County, Utah

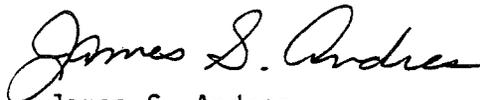
Dear Sir:

Superior Oil Company has recently purchased Southland Royalty's interest in the White Mesa and Gothic Mesa Units and as of February 1, 1984 has taken over as operator. As operator we are in the process of establishing a standard for naming future wells to be drilled. In order for this system to be consistent existing well names will need to be changed. It is proposed that a system be implemented where by a well is named according to the section and 1/4-1/4 section in which the well lies.

Unless additional information is required Superior Oil will begin using the well names as cross referenced on the following attachments one week from the above date.

Sincerely,

SUPERIOR OIL COMPANY



James S. Andres  
Engineer

JSA/1h  
Attach.

PROPOSED WELL NAMES GOTHIC MESA

GOTHIC

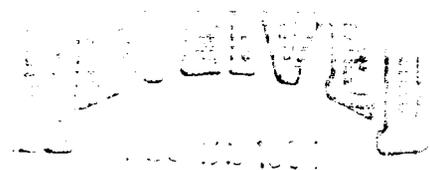
*36*

	Navajo 58A-1	<i>43-037-15032</i>	7-41	<i>415</i>	<i>23E</i>	<i>Sec 7</i>	<i>7</i>
	Navajo 58A-2	<i>15034</i>	6-34				<i>6</i>
	Navajo 58A-4	<i>15036</i>	7-21				<i>7</i>
	Navajo 58B-2	<i>15033</i>	8-42				<i>8</i>
	Navajo 58B-3	<i>15035</i>	8-12				<i>8</i>
	Navajo 58B-4	<i>15037</i>	8-33				<i>8</i>
	Navajo 58B-5	<i>15038</i>	8-44				<i>8</i>
	Navajo 58B-6	<i>15039</i>	6-23				<i>6</i>
	Navajo 59-1	<i>15040</i>	17-31				<i>17</i>
<i>WI</i>	Navajo 67-1	<i>16451</i>	9-44				<i>9</i>
	Navajo 67-2	<i>15041</i>	9-13				<i>9</i>
<i>WI</i>	Navajo 67-4	<i>16452</i>	9-24				<i>9</i>
<i>WI</i>	Navajo 68-1	<i>15042</i>	16-11				<i>16</i>
	Navajo 68-2	<i>15043</i>	16-22				<i>16</i>
	Navajo 68-3	<i>15044</i>	16-33				<i>16</i>
<i>WI</i>	Navajo 68-4	<i>16453</i>	16-44				<i>16</i>
	Navajo 68-5	<i>15045</i>	16-13				<i>16</i>
<i>WI</i>	Navajo 68-6	<i>16454</i>	16-24				<i>16</i>



**Southland Royalty Company**

February 17, 1984



Mr. Cleon B. Feight  
State of Utah Natural Resources  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

DIVISION OF  
OIL, GAS & MINING

Dear Mr. Feight:

Effective February 1, 1984, Superior Oil Company will operate the White Mesa Unit and Gothic Mesa Unit in San Juan County, Utah. Any correspondence regarding either Unit should be directed to Superior Oil Company in Cortez, Colorado.

Sincerely,

SOUTHLAND ROYALTY COMPANY

Doug R. Harris  
Petroleum Engineer

DRH/eg



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

December 3, 1985

Mobil Oil Company  
 P.O. Box 5444  
 Denver, Colorado 80217

ATTN: Lowell Martinson-mail stop 6G

Gentlemen:

According to our records, the information required to be filed no later than October 8, 1984 for the following listed water injection wells under Rule I-4 has not been received by this Division.

GOTHIC MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
9-44(67-1)	9	41 South	23 East
9-24 (67-4)	9	41 South	23 East
16-11	16	41 South	23 East
16-24	16	41 South	23 East
16-44	16	41 South	23 East

WHITE MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
G21 (21-13)	13	41 South	24 East
4 (22-32)	22	41 South	24 East
A-9 (33-23)	33	41 South	24 East
38 (33-41)	33	41 South	24 East
60 (2-21)	2	42 South	24 East
68 (3-12)	3	42 South	24 East
63 (4-41)	4	42 South	24 East
67 (4-32)	4	42 South	24 East
75 (4-43)	4	42 South	24 East
78 (4-14)	4	42 South	24 East
83 (10-41)	10	42 South	24 East

Page 2  
December 3, 1985  
Mobil Oil Company  
Lowell Martinson

If water or other liquids are being injected into any of these wells, they are being operated illegally (see enclosed Attorney General's informal opinion No. 85-55). If injection is taking place, please shut-in the well or wells until an application for a Class II well has been filed and approved.

Incidentally, failure to shut-in an illegal well could result in a fine of \$5,000 or \$10,000 per day for each day of violation.

Enclosed are some forms and a copy of Rule I-4 and I-5.

Thank you,

  
Cleon B. Feight  
UIC Manager

Enclosures

mfp  
0009U-34

cc: Mobil Oil Company  
P.O. Drawer G  
Cortez, Colorado 81321  
ATTN: Gregg Tript



STATE OF UTAH  
 NATURAL RESOURCES  
 Oil, Gas & Mining

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

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

December 13, 1985

CERTIFIED RETURN RECEIPT REQUESTED  
 P 168 903 789

Mr. Gregg Tript  
 Mobil Oil Company  
 P.O. Box G  
 Cortez, Colorado 81321

Dear Mr. Tript:

Re: Request for Information of Existing Class II Injection Wells

The purpose of this letter is to confirm your telephone conversation with Ron Firth, Associate Director of Oil and Gas, and clarify the status of certain existing Class II Injection Wells.

According to our records, information required in Rule I-4 (enclosed) has not been filed with the Division for the following wells:

GOTHIC MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
9-44(67-1) <i>NO</i>	9	41 South	23 East
9-24 (67-4) <i>NO</i>	9	41 South	23 East
16-11 <i>NO</i>	16	41 South	23 East
16-24 <i>NO</i>	16	41 South	23 East
16-44 <i>NO</i>	16	41 South	23 East

Page 2  
Mr. Gregg Tript  
December 13, 1985

WHITE MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
G21 (21-13) <sup>NO</sup>	13	41 South	24 East
4 (22-32)✓	22	41 South	24 East
A-9 (33-23) <sup>NO</sup>	33	41 South	24 East
38 (33-41) <sup>NO</sup>	33	41 South	24 East
60 (2-21)✓	2	42 South	24 East
68 (3-12)✓	3	42 South	24 East
63 (4-41)✓	4	42 South	24 East
67 (4-32)✓	4	42 South	24 East
75 (4-43)✓	4	42 South	24 East
78 (4-14) <sup>NO</sup>	4	42 South	24 East
83 (10-41) <sup>NO</sup>	10	42 South	24 East

As Mr. Firth indicated, you are being given a thirty-day period, effective from receipt of this letter, to file the necessary information with the Division. You are not required to shut-in the above-referenced wells, as indicated in the December 3, 1985 letter from Cleon Feight. You may continue to operate in accordance with Division statute and rules until we have reviewed your submission. At that time, we will notify you in writing of the sufficiency of information filings and the status of the wells.

Thank you for your assistance with this matter.

Best regards,



Dianne R. Nielson  
Director

mjm  
Enclosure  
cc: R. J. Firth  
Mobil Oil Company  
ATTN: Lowell Martinson - mail stop GG  
P.O. Box 5444  
Denver, Colorado 80217  
0454V

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

RECEIVED

JAN 30 1986

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

DIVISION OF OIL  
 GAS & MINING

IN THE MATTER OF THE APPLICATION OF  
 Mobil Oil Corp, as agent for Superior Oil

CAUSE NO. \_\_\_\_\_

ADDRESS P. O. Drawer G  
Cortez, Co. 81321  
 ZIP \_\_\_\_\_

INDIVIDUAL \_\_\_\_\_ PARTNERSHIP \_\_\_\_\_ CORPORATION \_\_\_\_\_

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR

INJECT FLUID INTO THE \_\_\_\_\_ WELL

SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_

\_\_\_\_\_ COUNTY, UTAH

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

APPLICATION

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

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

Lease Name <u>Gothic Mesa Unit</u>	Well No. <u>9-24</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>550 FSL 1820 FWL</u> Sec. <u>9</u> Twp. <u>41S</u> Rge. <u>23E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Date <u>3-14-63</u> State <u>Oil &amp; Gas</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>250'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
Location of Injection Source(s) <u>Gothic Mesa Unit Produced Water</u>	Geologic Name(s) and Depth of Source(s) <u>Desert Creek &amp; Ismay Aug. 5500'</u>		
Geologic Name of Injection Zone <u>Desert Creek</u>	Depth of Injection Interval <u>5540'</u> to <u>5574'</u>		
a. Top of the Perforated Interval <u>5540'</u>	b. Base of Fresh Water <u>200'</u>	c. Intervening Thickness (a minus b) <u>5340'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>See Attachment I</u>			
Injection Rates and Pressures Maximum _____ 2000 B/D _____ 3000 PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			

State of Colorado, County of Montezuma, Allyce F. Bessly Applicant

Before me, the undersigned authority, on this day personally appeared Allyce F. Bessly known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 24 day of Jan, 19 86

My commission expires 9/29/89 Notary Public In and for Colorado



PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed)

COMPLETION & TEST DATA BY PRODUCING FORMATION

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY  
 LEASE NO.

API NO. 43-037-16452

DIVISION OF OIL, GAS, AND MINING  
 Room 4241 State Office Building  
 Salt Lake City, Utah 84114

840 Acres  
 N

COUNTY San Juan SEC. 9 TWP. 41S RGE. 23E

COMPANY OPERATING Mobil as Agent for Superior

OFFICE ADDRESS P. O. Drawer G

TOWN Cortez STATE ZIP Co. 81321

FARM NAME Gothic Mesa Unit WELL NO. 9-24

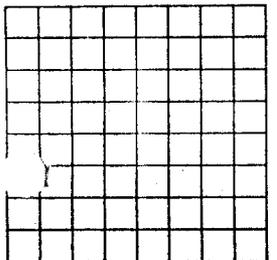
DRILLING STARTED 3-12-63 DRILLING FINISHED 4-12-63

DATE OF FIRST PRODUCTION 4-17-63 COMPLETED 4-17-63

WELL LOCATED SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  SW  $\frac{1}{4}$

550 FT. FROM SL OF  $\frac{1}{4}$  SEC. & 1820 FT. FROM WL OF  $\frac{1}{4}$  SEC.

ELEVATION DERRICK FLOOR 4570 GROUND 4559



Locate Well Correctly  
 and Outline Lease

TYPE COMPLETION

Single Zone \_\_\_\_\_

Multiple Zone \_\_\_\_\_

Comingled \_\_\_\_\_

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay	5345	5412			
Desert Creek	5540	5574			

CASING & CEMENT

Casing Set			Csg. Test	Cement			
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
13-3/8	48	H-40	318 KB		280		Surface
8-5/8	24	J-55	1327 KB		190		
4-1/2	9.5	J-55	5630 KB		180		

TOTAL DEPTH 5630

PACKERS SET  
 DEPTH 5500' for injection

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

	1	2	3
FORMATION	Ismay	Desert Creek	
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Oil	Oil	
PERFORATED	5395-5402	5540-5544	
INTERVALS	5408-5412	5556-5560	
		5566-5574	
ACIDIZED?	12,000 gal.	16,000 gal.	
FRACTURE TREATED?			

INITIAL TEST DATA

Date 4-6-63  
 Oil, bbl./day 105  
 Oil Gravity \_\_\_\_\_  
 Gas, Cu. Ft./day \_\_\_\_\_ CF  
 Gas-Oil Ratio Cu. Ft./Bbl. \_\_\_\_\_  
 Water-Bbl./day 45  
 Pumping or Flowing flow  
 CHOKE SIZE 22-64"  
 FLOW TUBING PRESSURE \_\_\_\_\_


A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
 (use reverse side)

Telephone 303-565-2205

C. J. Bonelli, Sr. Environmental Engr.  
 Name and title of representative of company

Date: 1-21-96

ATTACHMENT I

Gothic Mesa 9-24

RULE I-5: Application for Approval of Class II Injection Well

- (A) Form DOGM-UIC-1 is attached
- (B) (1) See attached land plats
- (2) Form DOGM-UIC-2 is attached
- (3) See attached well bore sketch and Form DOGM-UIC-2
- (4) (i) The intervening thickness is approximately 4,340 feet between the injection interval and the deepest fresh water sand. Furthermore, all fresh water sands are behind 8 5/8" surface casing. The annulus pressure will be monitored to insure no behind pipe communication occurs.
- (ii) Maximum estimated surface pressure: 3,000 psi  
Maximum estimated rate: 2,000 BWPD

<u>Formation</u>	<u>Depth</u>	<u>Lithology</u>
Moenkopi	2158	Sand and Shale
Organ Rock	2490	Shale
Cutler	3252	Sand and Shale
Hermosa	4347	Limestone
Ismay	5246	Limestone
Paradox Shale	5424	Shale
Desert Creek	5463	Limestone

- (5) (i) A throttling valve is installed on the wellhead to control injection rates and pressures.
- (ii) The source of injection water is produced water from oil wells in the Gothic Mesa Unit. The wells produce from the Ismay and Desert Creek formation ranging in depth from 5,000' to 6,000'.
- (iii) The injection water consists of:
 

Barium: Absent	Hydroxide: Absent
Bicarbonate: 390 ppm	Iron: 4352 ppm
Calcium: 12,800 ppm	Magnesium: 972 ppm
Carbonate: Absent	Sodium: 12,217 ppm
Chlorides: 49,700 ppm	Sulfate: 100 ppm
- (iv) The injection zone in the Desert Creek Formation. It consists of limestone, anhydrite and dolomite. It extends throughout the Paradox Basin and is underlain by the Chimney Rock Shale and overlain by the Paradox Shale.
- (v) All fresh water sands are behind surface casing.
- (vi) See (iii) above for representative sample.

- (6) If the injection well must be shut-in, then the producing wells can also be shut-in.

- (7) N/A

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JAN 30 1986

DIVISION OF OIL  
GAS & MINING

- (8) The Division will be notified of the date and time of the mechanical integrity test. This advance notice will enable DOGM to monitor the test.
- (9) There are no known defective wells in the area.
- (10) Well was initially drilled by Aztec Oil and Gas. It was subsequently operated by Southland Royalty, and now by Mobil Oil as agent for Superior Oil. Well converted to injection status in August, 1964. Well is currently shut-in pending evaluation this year of its future use.

COMPANY Aztec Oil & Gas Company

Well Name & No. Navajo 67-4

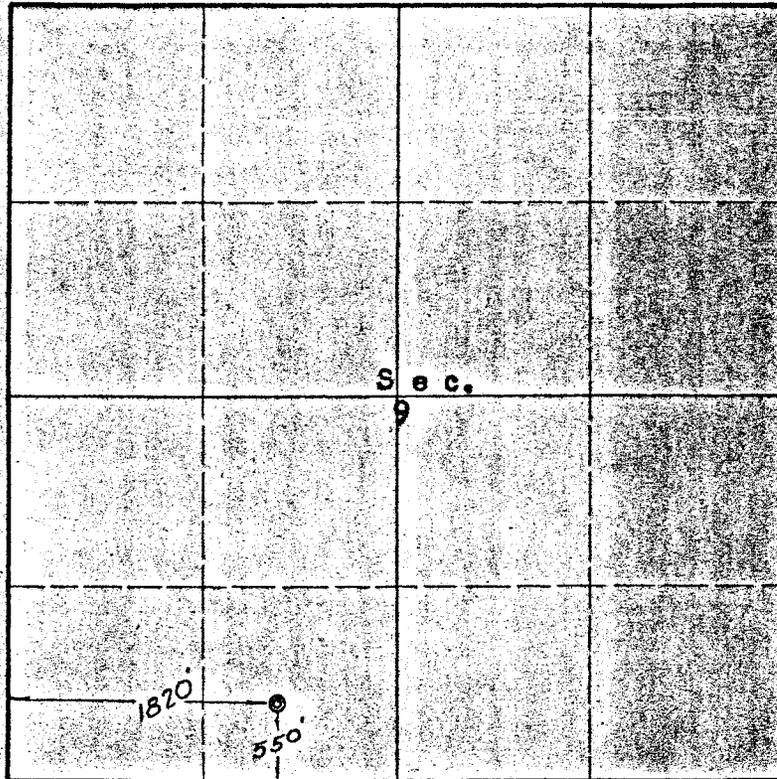
Lease No. \_\_\_\_\_

Location 550 feet from the South line and 1820 feet from the West line.

Being in SE1/4

Sec. 9, T41 <sup>So.</sup> N, R 23 <sup>East</sup> W, Salt Lake Meridian, San Juan County, Utah.

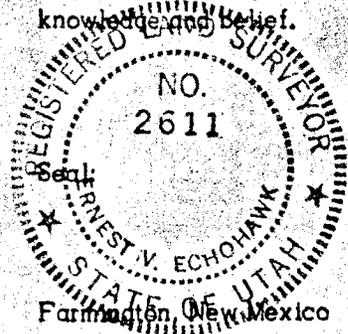
Ground Elevation 4559, ungraded



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JAN 16 1962  
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& GAS MINING

Surveyed November 12, \_\_\_\_\_, 19 62

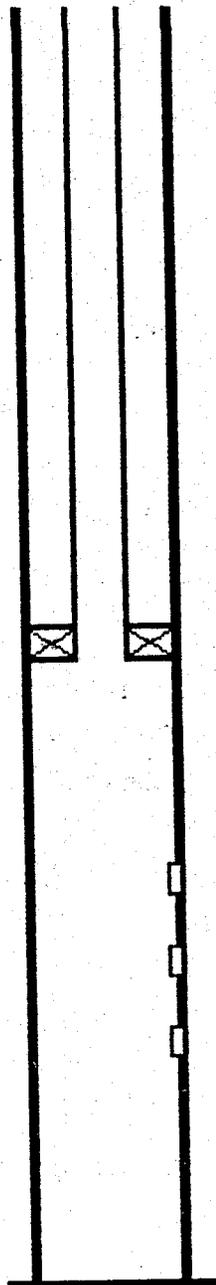
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
~~Utah Reg. #1545~~  
Utah Reg. No, 2611

Gothic Mesa Unit 9-24 Injection Well Diagram  
Greater Aneth Field  
San Juan County, Utah



2-3/8" Tubing

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GAS & MINING

Packer @ 5500'

Desert Creek 5540'-5544'

Desert Creek 5556'-5560'

Desert Creek 5566'-5574'

9.5\* J-55 4-1/2" Casing @ 5618'

Barium: Absent  
Bicarbonate: 390 ppm  
Calcium: 12,800 ppm  
Carbonate: Absent  
Chlorides: 49,700 ppm

Hydroxide: Absent  
Iron: 4,352 ppm  
Magnesium: 972 ppm  
Sodium: 12,317 ppm  
Sulfate: 100 ppm

22E

R23E

SHELL OIL  
RECAPT  
UNIT

26

25

TIGER OIL  
USA-GOVT.

30

29



48

57

ZOLLER & DANNEBERG  
NAVAJO



35

MIAMI PET.  
NAVAJO-48



31

32

CARTER  
NAVAJO-57



CARTER OIL  
NAVAJO-48



GULF OIL  
DESERT CREEK FEDERAL



AZTEC (SRC) NAVAJO-58

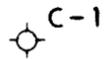
GULF OIL  
DESERT CREEK FEDERAL



2

1

6-23



5

TIDEWATER OIL  
GULF-NAVAJO



6-34

AZTEC (SRC) NAVAJO-58



AZTEC (SRC) NAVAJO-58

49

58

TIDEWATER OIL  
GULF-NAVAJO



7-21

7-41

7-32



8-12

11

12

7

8

8-42

GULF OIL  
AZTEC NAVAJO



AZTEC (SRC) NAVAJO-58

8-33

9-13

8-44

AZTEC (SRC) NAVAJO-58

CARTER OIL  
NAVAJO-50



AZTEC (SRC), ZOLLER & DANNEBERG  
NAVAJO-59

17-31

16-1

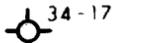
14

13

18

17

SHELL OIL  
MOLE HILL



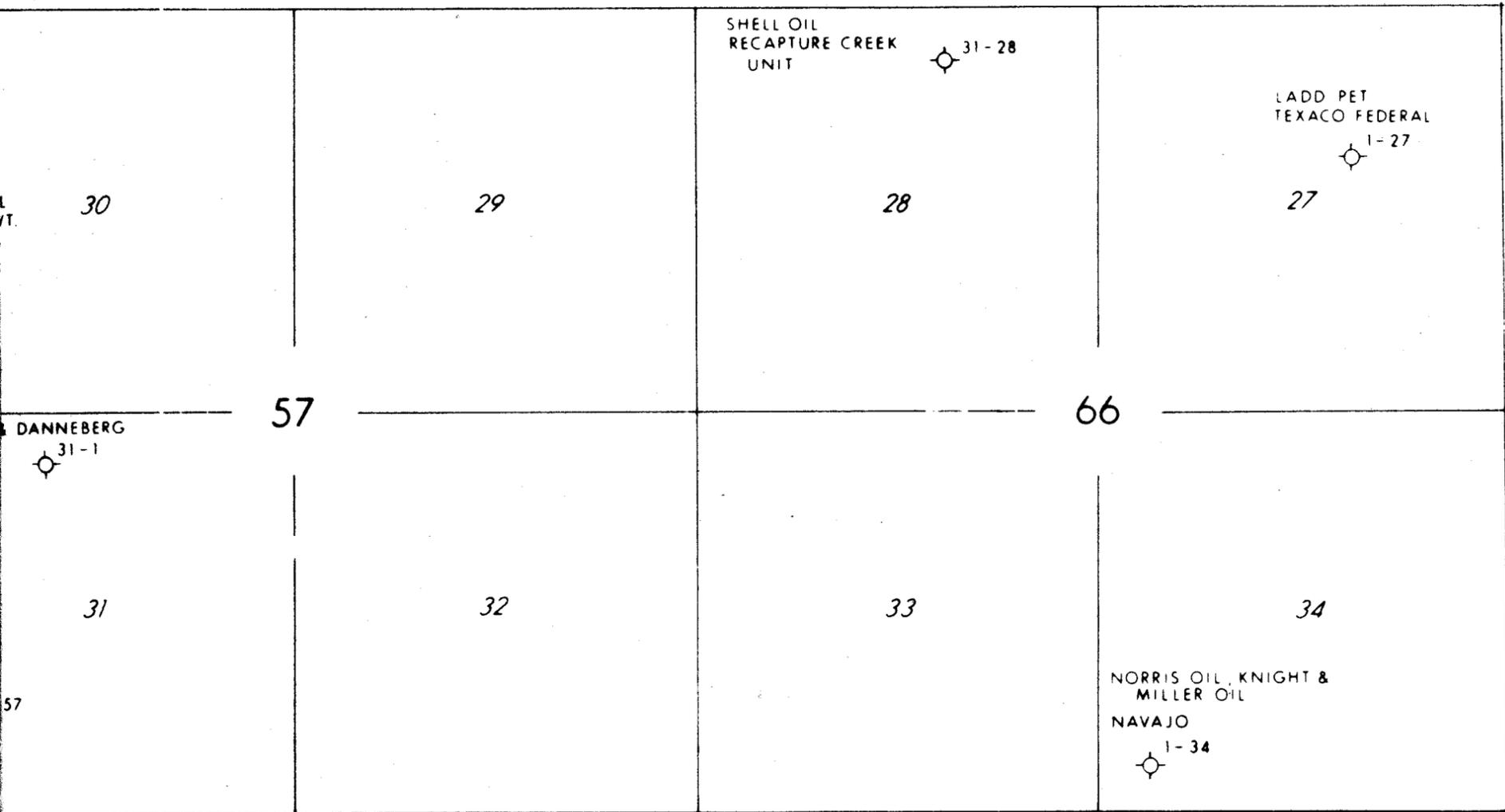
16-13

AZTEC (SRC) NAVAJO-58

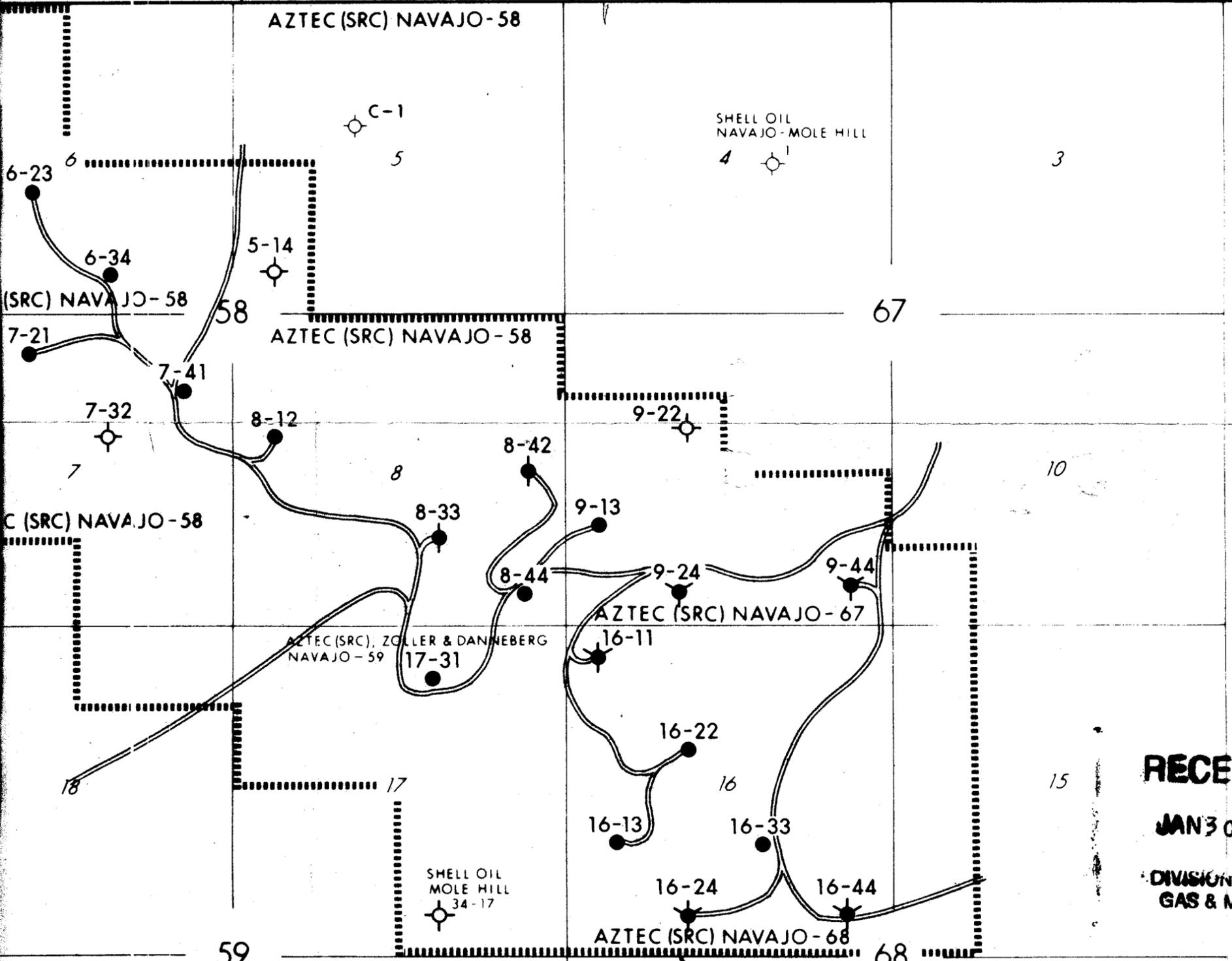
50

59

R23E



T  
40  
S



T  
41  
S

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JAN 30 1986

DIVISION OF OIL  
GAS & MINING

CARTER OIL  
NAVAJO-48

CARTER  
NAVAJO-57

AZTEC (SRC) NAVAJO-58

GULF OIL  
DESERT CREEK FEDERAL

GULF OIL  
DESERT CREEK FEDERAL

TIDEWATER OIL  
GULF-NAVAJO

TIDEWATER OIL  
GULF-NAVAJO

CARTER OIL  
NAVAJO-50

GULF OIL  
AZTEC NAVAJO

AZTEC (SRC), ZOLLER & DANNEBERG  
NAVAJO-59

SHELL OIL  
MOLE HILL

III

- Proposed Well
- Producing Well
- ☼ Gas Well
- ⊖ Water Injection Well
- ⦿ Temporarily Abandoned
- ⦿ Plugged and Abandoned
- ⊕ Dry Hole

CARTER OIL  
NAVAJO-50

2

23

24

19

20

50

59

14

13

18

17

11

12

7

8

49

AZTEC (SRC) NAVAJO-58

AZTEC (SRC)-NAVAJO-58

6-23

6-34

7-21

7-32

8-12

8-33

8-42

8-44

9-13

16-1

16-13

C-1

5

5-14

AZTEC (SRC) NAVAJO-58

AZTEC (SRC) NAVAJO-58

9

AZTEC

AZTEC

G-1

1

1

2

1

1-A

1

1

2

1

3

2

1

58

AZTEC (SRC) NAVAJO-58

CARTER OIL  
NAVAJO-50

18

59

19

20

○ Proposed Well

● Producing Well

☼ Gas Well

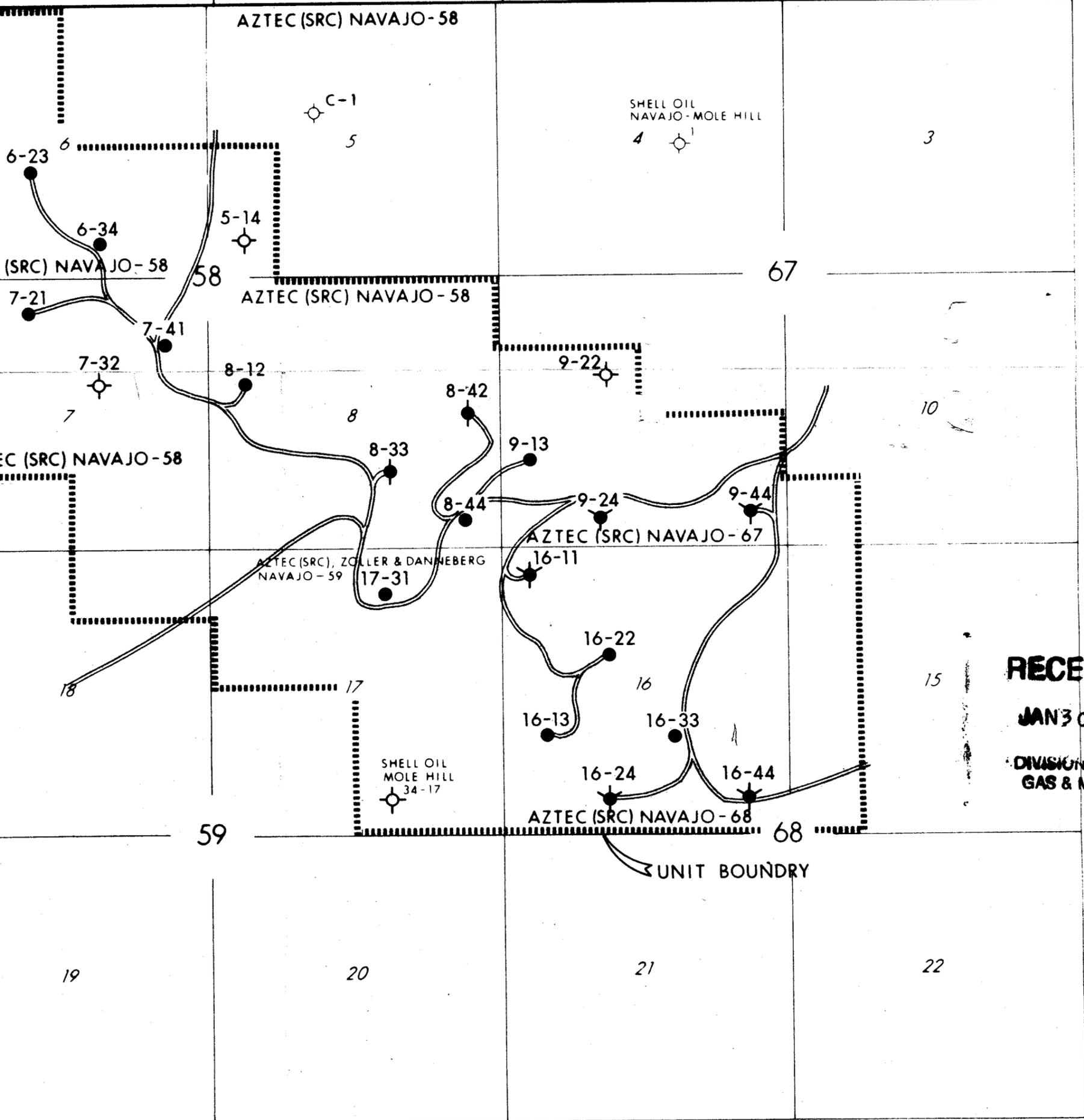
⊖ Water Injection Well

⦿ Temporarily Abandoned

⦿ Plugged and Abandoned

⊕ Dry Hole

NORRIS OIL, KNIGHT &  
MILLER OIL  
NAVAJO  
1-34



**Southland Royalty Company**  
**ROCKY MOUNTAIN DISTRICT**

DENVER, COLORADO

**GOTHIC MESA UNIT**  
SAN JUAN COUNTY, UTAH

# ROAD MAP

- Proposed Well
- Producing Well
- ☀ Gas Well
- ⦿ Water Injection Well
- Temporarily Abandoned
- ⦿ Plugged and Abandoned
- ⊕ Dry Hole

J. E. GREEN  
R. B. MELLOR

SCALE : 1" = 2000'

JAN. 2, 1935  
MAY 17, 1979



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

February 10, 1986

Mobil Oil Corporation  
 P.O. Drawer G  
 Cortez, Colorado 81321

ATTN: Mr. C.J. Benally

Dear Mr. Benally:

RE: Existing Class II Injection Wells - Information Request of  
 December 13, 1985

The information requested by the Division concerning existing Class II injection wells, which was requested in our letter dated December 13, 1985, has been received and found complete.

You are authorized to continue operation of the following listed wells in accordance with the Utah state statutes and rules until further notice from this Division.

Gothic Mesa - San Juan County

<u>Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>
9-44 (67-1)	41 South	23 East	9
9-24 (67-4)	41 South	23 East	9
16-24	41 South	23 East	9
16-44	41 South	23 East	9

White Mesa - San Juan County

4 (22-32)	41 South	24 East	22
A-9 (33-23)	41 South	24 East	33
38 (33-41)	41 South	24 East	33
60 (2-21)	42 South	24 East	2
68 (3-12)	42 South	24 East	3
63 (4-41)	42 South	24 East	4
67 (4-32)	42 South	24 East	4
75 (4-43)	42 South	24 East	4
78 (4-14)	42 South	24 East	4
83 (10-41)	42 South	24 East	10

Page 2  
C.J. Benally  
February 10, 1986

A review of our records indicates that well No. 16-11, Township 4 South, Range 23 East, Section 16, is a shut-in oil well and well No. G21 (21-13), Township 41 South, Range 24 East, Section 13, has been plugged and abandoned.

Thank you for your cooperation and assistance. If further information or discussion is necessary concerning this matter, please give me a call.

Sincerely,



Gil Hunt  
UIC Program Manager

mfp  
0156U-59-60

# 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

Injection Wells 1/5  
Only

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)  
FOR THE CORTEZ SUPERVISOR AREA  
FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	ST T API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
GOTHIC MESA	<del>9-24</del>	<del>SAN JUAN</del>	<del>UT</del>	<del>SE SW</del>	<del>9-41S</del>	<del>23E</del>	<del>INJ SI</del>	<del>43-037-16452</del>	<del>14-20-603-242</del>	<del>94-004216</del>	
	9-44	SAN JUAN	UT	SE SE	9-41S	23E	INJ SI	43-037-16451	14-20-603-242	94-004216	
	16-24	SAN JUAN	UT	SE SW	16-41S	23E	INJ SI	43-037-16454	14-20-603-243	94-004216	
	16-44	SAN JUAN	UT	SE SE	16-41S	23E	INJ SI	43-037-16453	14-20-603-243	94-004216	
HC ELMO CREEK	A17-1	SAN JUAN	UT	NE NE	10-41S	24E	INJ OP	43-037-05592	14-20-0603-6148	96-004190	
	A17-2	SAN JUAN	UT	NE NE	10-41S	24E	INJ SI	43-037-05592	14-20-0603-6140	96-004190	
	B-13	SAN JUAN	UT	NW NW	2-41S	24E	INJ OP	43-037-05701	14-20-603-6509	96-004190	
	B-15	SAN JUAN	UT	NW SW	02-41S	24E	INJ OP	43-037-05657	14-20-603-6508	96-004190	
	D-13	SAN JUAN	UT	NW NE	2-41S	24E	INJ OP	43-037-16267	14-20-603-6510	96-004190	
	D-15	SAN JUAN	UT	NW SE	2-41S	24E	INJ OP	43-037-05656	14-20-0603-6147	96-004190	
	D-17	SAN JUAN	UT	NW NE	11-41S	24E	INJ OP	43-037-15704	14-20-603-5447	96-004190	
	E-19	SAN JUAN	UT	NE SE	11-41S	24E	INJ OP	43-037-16342	14-20-603-5449	96-004190	
	E-21	SAN JUAN	UT	NE NE	14-41S	24E	INJ OP	43-037-16343	14-20-603-370	96-004190	
	E-23	SAN JUAN	UT	NE SE	14-41S	24E	INJ OP	43-037-16344	14-20-603-370	96-004190	
	F-11	SAN JUAN	UT	NW SW	36-40S	24E	INJ OP	43-037-05743	14-20-0603-6146	96-004190	
	F-13	SAN JUAN	UT	NW NW	01-41S	24E	INJ OP	43-037-16345	14-20-603-4032	96-004190	
	F-15A	SAN JUAN	UT	NW SW	1-41S	24E	INJ OP	43-037-31149	14-20-603-4032	96-004190	
	F-17	SAN JUAN	UT	NW NW	12-41S	24E	INJ OP	43-037-15493	14-20-603-4039	96-004190	
	F15A	SAN JUAN	UT	NW SW	01-41S	24E	INJ OP	43-037-31149	14-20-603-4032	96-004190	
	G-18	SAN JUAN	UT	SE NW	12-41S	24E	INJ OP	43-037-15494	14-20-603-4039	96-004190	
	G-19	SAN JUAN	UT	NE SW	12-41S	24E	INJ OP	43-037-05532	14-20-603-5450	96-004190	
	G-21	SAN JUAN	UT	NE NW	13-41S	24E	INJ SI	43-037-16347	14-20-603-370	96-004190	
	G-21A	SAN JUAN	UT	NE NW	13-41S	24E	INJ OP	43-037-30974	14-20-603-370	96-004190	
	G-23	SAN JUAN	UT	NE SW	13-41S	24E	INJ OP	43-037-16348	14-20-603-370	96-004190	
G-25	SAN JUAN	UT	NE NW	24-41S	24E	INJ OP	43-037-16349	14-20-603-370	96-004190		
H-11	SAN JUAN	UT	NW SE	36-40S	24E	INJ OP	43-037-05739	14-20-0603-6145	96-004190		
H-13	SAN JUAN	UT	NW NE	01-41S	24E	INJ OP	43-037-05708	14-20-603-4032	96-004190		
H-15	SAN JUAN	UT	NW SE	01-41S	24E	INJ OP	43-037-05666	14-20-603-4039	96-004190		
H-17	SAN JUAN	UT	NW NE	12-41S	24E	INJ OP	43-037-05605	14-20-603-4039	96-004190		
I-20	SAN JUAN	UT	SE SE	12-41S	24E	INJ OP	43-037-05524	14-20-603-4495	96-004190		



STATE OF UTAH  
 NATURAL RESOURCES  
 Oil, Gas & Mining

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

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

February 10, 1986

Mobil Oil Corporation  
 P.O. Drawer G  
 Cortez, Colorado 81321

ATTN: Mr. C.J. Benally

Dear Mr. Benally:

RE: Existing Class II Injection Wells - Information Request of  
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<u>Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>
9-44 (67-1)	41 South	23 East	9
9-24 (67-4)	41 South	23 East	9
16-24	41 South	23 East	9
16-44	41 South	23 East	9

White Mesa - San Juan County

4 (22-32)	41 South	24 East	22
A-9 (33-23)	41 South	24 East	33
38 (33-41)	41 South	24 East	33
60 (2-21)	42 South	24 East	2
68 (3-12)	42 South	24 East	3
63 (4-41)	42 South	24 East	4
67 (4-32)	42 South	24 East	4
75 (4-43)	42 South	24 East	4
78 (4-14)	42 South	24 East	4
83 (10-41)	42 South	24 East	10

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

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-603-243**

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

7. UNIT AGREEMENT NAME  
**Gothic Mesa**

8. FARM OR LEASE NAME

9. WELL NO.  
**See attached Exhibit "A"**

10. FIELD AND POOL, OR WILDCAT  
**Gothic Mesa**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**T41S-R23E**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Pioneer Oil and Gas**

3. ADDRESS OF OPERATOR  
**6925 Union Park Center, Suite 145, Midvale, UT 84047**

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

14. PERMIT NO.

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

AUG 15 1990

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

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

Pioneer Oil and Gas has assigned all its ownership in the subject leases effective August 1, 1990. Pioneer Oil and Gas shall no longer be the Operator of the subject properties.

Giant Exploration & Producing Company shall therefore be the Operator effective August 1, 1990.

Former Operator:  
Pioneer Oil and Gas

New Operator:  
Giant Exploration & Production Company  
P.O. Box 2810  
Farmington, NM 87499

Signed: Gregg B. Colton  
Gregg B. Colton, Vice President  
Date: July 30, 1990

Signed: Aldrich L. Kuchera  
Title: Aldrich L. Kuchera, President and CEO  
Date: August 13, 1990

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

SIGNED R. Hedgie Wilson TITLE Land Manager DATE 7-31-90  
R. Hedgie Wilson

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

**EXHIBIT "A"**  
**Gothic Mesa Unit Area**  
**Unit Number 94-004216**  
**San Juan County, Utah**

<u>Well Name</u>	<u>Legal Description</u>	<u>Well Type</u>	<u>Status</u>	<u>API Number</u>	<u>Tribal Lease #</u>
6-23	NESW 6-41S-23E	P	SI	43-037-15039 <del>-</del>	14-20-603-239
6-34	SWSE 6-41S-23E	P	OP	43-037-15034 <del>-</del>	14-20-603-239A
7-21	NENW 7-41S-23E	P	OP	43-037-15036 <del>-</del>	14-20-603-239A
7-41	NENE 7-41S-23E	P	OP	43-037-15032 <del>-</del>	14-20-603-239A
8-12	SWNW 8-41S-23E	P	OP	43-037-15035 <del>-</del>	14-20-603-239
8-33	NWSE 8-41S-23E	P	SI	43-037-15037 <del>-</del>	14-20-603-239
8-42	SENE 8-41S-23E	P	TA	43-037-15033 <del>-</del>	14-20-603-239 <del>-</del>
9-13	NWSW 9-41S-23E	P	TA	43-037-15041 <del>-</del>	14-20-603-242
9-24	SESW 9-41S-23E	INJ	SI	43-037-16452 <del>-</del>	14-20-603-242 <del>-</del>
WSW 1	SENW 9-41S-23E	WSW	SI		14-20-603-242
16-11	NENW 16-41S-23E	P	SI	43-037-15042 <del>-</del>	14-20-603-243
16-13A	NWSW 16-41S-23E	P	OP	43-037-31452 <del>-</del>	14-20-603-243
16-22	SENW 16-41S-23E	P	TA	43-037-15043 <del>-</del>	14-20-603-243 <del>-</del>
16-33	NWSE 16-41S-23E	P	G	43-037-15044 <del>-</del>	14-20-603-243
16-44	SESE 16-41S-23E	P	SI	43-037-16453 <del>-</del>	14-20-603-243
17-31	NWNE 17-41S-23E	P	SI	43-037-15040 <del>-</del>	14-20-603-240

*\* Changes made 9-26-90*

Routing:

1- LCR	<i>✓</i>
2- DPS/DTS	<i>✓</i>
3- VLC	<i>✓</i>
4- RJF	<i>✓</i>
5- RWM	<i>✓ Dan Jarvis</i>
7- LCR	<i>✓</i>

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: 8-1-90)

TO (new operator)	<u>GIANT EXPLOR. &amp; PROD. CO.</u>	FROM (former operator)	<u>PIONEER OIL AND GAS</u>
(address)	<u>P. O. BOX 2810</u>	(address)	<u>6925 UNION PARK CTR. #145</u>
	<u>FARMINGTON, NM 87499</u>		<u>MIDVALE, UT 84047</u>
	<u>phone (505 ) 326-3325</u>		<u>phone (801 ) 566-3000</u>
	<u>account no. N 0075</u>		<u>account no. N 3025</u>

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

Name: <u>SENTINEL PEAK 22-34</u> <i>(JSM)</i>	API: <u>4303730748</u>	Entity: <u>00546</u>	Sec <u>22</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>MCCELMO CR Q-29</u> <i>(DSCR)</i>	API: <u>4303715524</u>	Entity: <u>05995</u>	Sec <u>29</u> Twp <u>41S</u> Rng <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: <u>NAVAJO TR 125 #1</u> <i>(DSCR)</i>	API: <u>4303715541</u>	Entity: <u>05990</u>	Sec <u>21</u> Twp <u>41S</u> Rng <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: <u>NAVAJO TRE 125 #2</u> <i>(DSCR)</i>	API: <u>4303715542</u>	Entity: <u>05990</u>	Sec <u>28</u> Twp <u>41S</u> Rng <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: <u>NAVAJO TR 125 #4</u> <i>(DSCR)</i>	API: <u>4303715543</u>	Entity: <u>05990</u>	Sec <u>28</u> Twp <u>41S</u> Rng <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: <u>SENTINEL PEAK #27-14</u> <i>(JSM)</i>	API: <u>4303720292</u>	Entity: <u>99991</u>	Sec <u>27</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>SENTINEL PEAK 27-21</u> <i>(JSM)</i>	API: <u>4303730747</u>	Entity: <u>06020</u>	Sec <u>27</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>

CONTINUED-----

OPERATOR CHANGE DOCUMENTATION

- 1* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- 2* 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:       .
- 1* 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.
- 1* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- 1* 6. Cardex file has been updated for each well listed above.
- 1* 7. Well file labels have been updated for each well listed above.
- 1* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 1* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: October 9 1990.

FILED

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

REMARKS

8-20-90 Earl Beecher / Btm Farmington Nm - No documentation as of yet.  
 8-29-90 Earl Beecher - Informed me that these wells are under the jurisdiction of EPA.  
 (2 wells - 43-037-30511 (W1W) and 43-037-31144 (W1W) are still listed under MEPNA)  
 900926 per DTS re: MEPNA telephone verification (see phone doc.) ok to change (2) wells listed above!





1-
2-
3-
4-
5-
6-

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: 8-1-90)

TO (new operator) GIANT EXPLOR. & PROD. CO.                      FROM (former operator) PIONEER OIL AND GAS  
 (address) \_\_\_\_\_ (address) \_\_\_\_\_  
 \_\_\_\_\_  
 phone ( ) \_\_\_\_\_ phone ( ) \_\_\_\_\_  
 account no. N 0075    account no. N3025

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

CONTINUED-----

Name: <u>GOthic MESA 16-33 (DSCP) <sup>115m</sup></u>	API: <u>4303715044</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOthic MESA 16-44 (DSCP)</u>	API: <u>4303716453</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOthic MESA 17-31 (DSCP)</u>	API: <u>4303715040</u>	Entity: <u>06008</u>	Sec <u>17</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: <u>**SENTINEL PK #27-23</u>	API: <u>4303731144</u>	Entity: <u>99990</u>	Sec <u>27</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>**MCELMO CR 28-23</u>	API: <u>4303730511</u>	Entity: <u>05980</u>	Sec <u>28</u> Twp <u>41S</u> Rng <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

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

STATE OF UTAH  
 DIVISION OIL, GAS AND MINING

<p align="center"><b>SUNDRY NOTICES AND REPORTS ON WELLS</b>                  (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>		5. LEASE DESIGNATION & SERIAL NO. 14-20-603-242	
		6. IF INDIAN ALLOTTEE OR TRIBE NAME Navajo	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection		7. UNIT AGREEMENT NAME Gothic Mesa Unit	
2. NAME OF OPERATOR Giant Exploration & Production Company		8. FARM OR LEASE NAME Gothic Mesa	
3. ADDRESS OF OPERATOR P.O. Box 2810, Farmington, N.M. 87499		9. WELL NO. 9-24	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 550' FSL, 1820' FWL, Sec. 9, T41W, R23E At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T41S, R23E	
14. API NO. 43-037-16452	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4559' GL	12. COUNTY San Juan	13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Status Report</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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

\* Must be accompanied by a cement verification report.

Annual Status Report

The Gothic Mesa Unit #9-24 is currently shut-in. It is planned to return this well to injection pending a workover. Notice has been made to the BLM for the administrative review to allow an adequate review period after the change in ownership.

**RECEIVED**

APR 02 1992

DIVISION OF  
OIL GAS & MINING

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

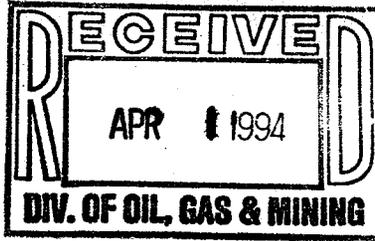
SIGNED Jeffrey R. Vaughan TITLE Engineering Manager DATE MAR 31 1992

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side



**GIANT**

**GIANT EXPLORATION &  
PRODUCTION COMPANY**

2200 Bloomfield Highway  
Post Office Box 2810  
Farmington, New Mexico  
87499-2810

505 326-3325      FAX 505 327-7987

March 30, 1994

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

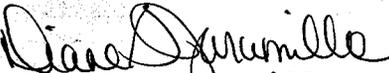
Gentlemen:

Enclosed please find Sundry Notices for the following wells,  
which were plugged and abandoned in 1993:

Sentinel Peak #22-34  
Gothic Mesa Unit #8-42  
Gothic Mesa Unit #9-13  
Gothic Mesa Unit #9-24  
Gothic Mesa Unit #16-22  
Gothic Mesa Unit #16-33  
Gothic Mesa Unit #16-44

If you have any questions regarding this information please call  
me at (505) 326-3325.

Sincerely,

  
Diane G. Jaramillo  
Production Regulatory Manager

DGJ/pmm

Enclosures

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.  
14-20-603-242

6. IF INDIAN ALLOTTEE OR TRIBE NAME  
Navajo Allotted

7. UNIT AGREEMENT NAME  
Gothic Mesa Unit

8. FARM OR LEASE NAME  
Gothic Mesa Unit

9. WELL NO.  
# 9-24

10. FIELD AND POOL, OR WILDCAT  
Greater Aneth

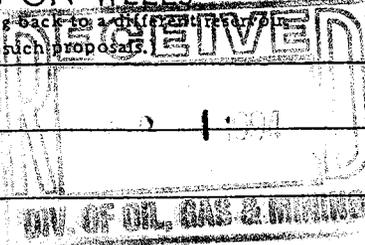
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 9, T41S, R23E

12. COUNTY  
San Juan

13. STATE  
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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



1. OIL WELL  GAS WELL  OTHER  Injection Well

2. NAME OF OPERATOR  
Giant Exploration & Production Co.

3. ADDRESS OF OPERATOR  
P.O. Box 2810, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
At proposed prod. zone 550' FSL, 1820' FWL, Sec. 9, T41S, R23E

14. API NO.  
43-037-16452

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4559' GL

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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____		DATE OF COMPLETION _____	

APPROX. DATE WORK WILL START \_\_\_\_\_

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.

See Attachment "A"

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

SIGNED Jeffrey R. Vaughan  
(This space for Federal or State office use)

TITLE Vice President Operations

DATE MAR 3 0 1994

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

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

See Instructions On Reverse Side

Attachment "A"  
Gothic Mesa 9-24

Giant Exploration & Production Co. plugged and abandoned the referenced well as follows:

- 10/13/93 Set Cast Iron Bridge Plug at 5502'.  
Set 10 sack cement plug from 5502' to 5372'.  
Filled casing from 5372' to 2100' with 9 ppg, 50 vis. mud.  
Perforated squeeze holes at 2100'.  
Set cement retainer at 1981'.
- 10/14/93 Pumped 56 sacks cement under retainer. Plug from 2100' to 1981' inside and outside casing.  
Set 6 sack cement plug over retainer from 1981' to 1903'.  
Filled casing from 1903' to 1377' with 9 ppg, 50 vis. mud.  
Perforated squeeze holes at 1377'.  
Set 68 sack cement plug inside and outside casing from 1377' to 1243'.  
Filled casing from 137' to surface with 9 ppg, 50 vis. mud.  
Set 8 sack cement plug from 60' to surface inside casing.  
Set 15 sack cement plug from 60' to surface in annulus.
- 10/15/93 Cut off wellhead.  
Installed regulation dry hole marker.

All neat cement was Class "B" mixed at 15.8 ppg, yield of 1.18 cuft/sk and using 5.2 gal/sk water.

BLM representative: Leonard Bixler

Casing remaining in hole:

Surface casing: 13-3/8", 48#, J-55 to 318'  
Intermediate casing: 8-5/8", 24#, J-55 to 1327'  
Production casing: 4-1/2", 9.5#, J-55 to 5630'

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

5. Lease Designation And Serial No  
14-20-603-242

SUNDRY NOTICES AND REPORTS ON WELLS

6. Indian, Allottee Tribe Name  
NAVAJO

7. Unit Agreement Name  
GOTHIC MESA

8. Farm Or Lease Name

092911

9. Well No.  
9-24

10. Field And Pool, Or Wildcat  
GREATER ANETH

11. Sec., T., R.,  
SE SW Sec. 9-41s-23E

12. County : 13. State  
SAN JUAN : UTAH

1. Oil Well : : Gas Well : : Other WATER INJECTION

2. Name Of Operator  
MOBIL OIL CORPORATION

3. Address Of Operator  
P. O. BOX 5444, DENVER, CO., 80217-5444

4. Location Of Well  
550 FSL, 1820 FWL, SEC. 9-41s-23E

14. Permit No. : 15. Elevation  
API 43-037-16452

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

Notice Of Intention To :			Subsequent Report Of :				
Test Water Shut-off		Pull Or Alter Casing		Water Shut-off		Repairing Well	
Fracture Treat		Multiple Complete		Fracture Treatment		Altering Casing	
Shoot Or Acidize		Abandon		Shooting Or Acidizing		Abandonment	
Repair Well		Change Plans		(Other) SALE OF PROPERTY			
(Other)							

17. Describe Proposed Or Completed Operations

EFFECTIVE 10-3-86 MOBIL OIL CORPORATION SOLD THEIR INTEREST IN THE REFERENCED LEASE TO PIONEER OIL & GAS - 6925 UNION PARK CENTER, SUITE 145- MIDVALE, UTAH 84047.

RECEIVED

SEP 25 1987

DIVISION OF OIL  
AND GAS MINING

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

Signed J. Kelly Title GENERAL ACCOUNTING SUPERVISOR Date 9-27-87

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions Of Approval If Any:

COMPANY: PIONEER OIL & GAS UT ACCOUNT # 123025 SUSPENSE DATE: N/A

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: JOHN ANDERSON AND HEGGIE WILSON

CONTACT TELEPHONE NO.: 566-3000 (LOCAL) 6975 UNION PARK CENTER, SUITE 145 - MIDVALE, UT  
84047

SUBJECT: CHANGE OF OPERATOR - GOTHIC MESA UNIT  
QUESTION ABOUT EFFECTIVE DATE

(Use attachments if necessary)

RESULTS: JOHN ADVISES THAT THE SALES TRANSACTION WAS EFFECTIVE 10-3-86,  
HOWEVER THE CHANGE OF OPERATOR WAS NOT EFFECTIVE UNTIL 9-16-87.  
PIONEER WILL REPORT FOR THE ENTIRE MONTH OF SEP, PROVIDING  
THEY CAN GET THE INFO FROM MEANA (MOBIL OIL CORP). JOHN  
AND HEGGIE PLAN TO COME INTO THE OFFICE FOR AN OPERATOR'S  
ORIENTATION.

(Use attachments if necessary)

CONTACTED BY: Norm

DATE: 9-29-87

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

SUBMIT IN TRIPLICATE  
(Other instructions on  
verse side)

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

3. LEASE DESIGNATION AND SERIAL NO.  
14-20-603-242 *WJW*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL  GAS WELL  OTHER Water Injection **MAY 3 1988**

2. NAME OF OPERATOR  
Pioneer Oil & Gas

3. ADDRESS OF OPERATOR  
6925 Union Park Center, Suite 145, Midvale, UT 84047

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
  
550' FSL, 1820' FWL, 9-41S-23E

7. UNIT AGREEMENT NAME  
Gothic Mesa

8. FARM OR LEASE NAME

9. WELL NO.  
9-24

10. FIELD AND POOL, OR WILDCAT  
Greater Aneth

11. SEC., T., R., N., OR BLK. AND  
SUBVY OR AREA  
SESW, 9-41S-23E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. PERMIT NO.  
API 43-037-16452

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

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

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

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

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR 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.)\*

Pioneer Oil & Gas is reevaluating the field potential and thus requests that in order to maximize all possible reserves, Pioneer have two years to evaluate the potential for a resumed water filled in the Desert Creek and/or Ismay Formations based on the surrounding wells and wells to be drilled in the unit.

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

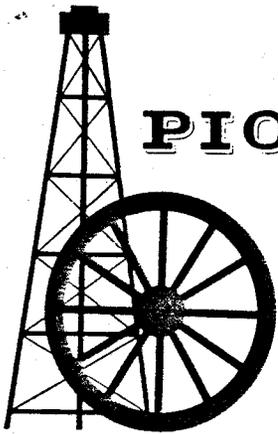
SIGNED *R. Heggie Wilson* TITLE Land Manager DATE 5/2/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

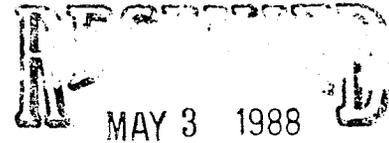
\*See Instructions on Reverse Side



# PIIONEER OIL & GAS

AIRBORNE #242726750

May 2, 1988



DIVISION OF  
OIL, GAS & MINING

Bureau of Land Management  
Farmington Resource Area  
1235 La Plata Highway  
Farmington, NM 87401

Attn: Ron Fellows

Re: Gothic Mesa Unit  
Well Nos. 9-24, 9-44, 16-24, 16-44, 17-31,  
9-13, 16-22, 16-11, 6-23, 8-42 and 8-33  
San Juan County, Utah

*-Flowing 1/2 BBL/day*

Gentlemen:

Pursuant to your letters of April 6, 1988 and your letter of April 12, 1988 in which you request response to the current status and plans for the above captioned wells, we are hereby submitting in triplicate Sundry Notices pertaining to said wells.

Pioneer Oil & Gas acquired the Gothic Mesa Unit and associated leases from Mobil Oil Corporation and has acted as Operator since September 16, 1987. On March 31, 1988, the Assignments of Interest to Pioneer were approved by the Bureau of Indian Affairs and on April 7, 1988, by the Navajo Nation Mineral Department.

From September, 1987 until recently, Pioneer has been attempting to place together complete and accurate well files pertaining to all the Gothic Mesa wells. However, since the field has changed operators three times since 1983, it is extremely difficult to establish files that our management feels are complete.

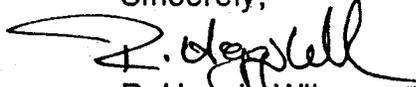
Nevertheless, we are currently in the process of reevaluating the entire field as far as new exploration possibilities and are anticipating two wells to be drilled in 1988 to test Akah, Desert Creek and Ismay possibilities. Along with these wells, Pioneer is reevaluating the entire unit for future reconditioning and redevelopment possibilities.

Therefore, as specifically outlined in the individual Sundry Notices, Pioneer is requesting a two year period commencing May 1, 1988, in which we plan to drill two tests to evaluate the Ismay, Desert Creek and Akah formations. During this time Pioneer will also evaluate the water flood, tertiary recovery, recompletion and reentry potential throughout the field. Our management feels that this time frame would

prudently allow us to fully analyze and thus develop to its maximum potential, the remaining oil and gas reserves within the Gothic Mesa Unit.

I shall be meeting with representatives of your office on May 4th so that we may further discuss these matters. However, please do not hesitate to contact me if you should have any immediate questions concerning this matter.

Sincerely,



R. Heggie Wilson  
Land Manager

RHW/tbp

Enc.

cc: State of Utah  
Division of Oil, Gas & Mining  
3 Triad Center, Suite 300  
SLC, UT 84180-1204

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(Other instructions reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to 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  
Pioneer Oil & Gas

3. ADDRESS OF OPERATOR  
6925 Union Park Center, #145, Midvale, UT 84047

4. LOCATION OF WELL (Report location clearly and in accordance with BLM Application Form 3160-1.  
See also space 17 below.)  
At surface  
550' FSL, 1820' FWL

14. PERMIT NO.  
43-037-16452

15. ELEVATIONS (Show whether of, at, or below surface)  
4559 Gr, 4569 Gr

RECEIVED  
APR 18 1989

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-603-242

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
Gothic Mesa Unit

8. FARM OR LEASE NAME

9. WELL NO.  
#9-24

10. FIELD AND POOL, OR WILDCAT  
Gothic Mesa

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 9-T41S-R23E

12. COUNTY OR PARISH 13. STATE  
San Juan Utah

18. 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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Pioneer Oil & Gas proposes to plug and abandon this well as follows:

- 1) Set 100' cement plug across the existing perforations, or Set a CIBP above perforations and dump 2 sacks of cement on top.
- 2) Perforate the top of the Hermosa and squeeze a 100' plug in the annulus and leave a 100' plug in the 4 1/2" casing.
- 3) Cut and pull the 4 1/2" casing at the base of the 8 5/8" intermediate casing.
- 4) Spot a 100' plug in and out of the base of the 8 5/8" casing.
- 5) Set a 50' plug at the surface and weld plate over the surface casing. Erect a regulation dry hole marker.
- 6) Clean and rehabilitate location.

NOTE: 9# mud will be circulated between all plugs.

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

SIGNED Eric Noblitt TITLE Production Manager DATE 4/14/89

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

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

DATE: 4-23-89

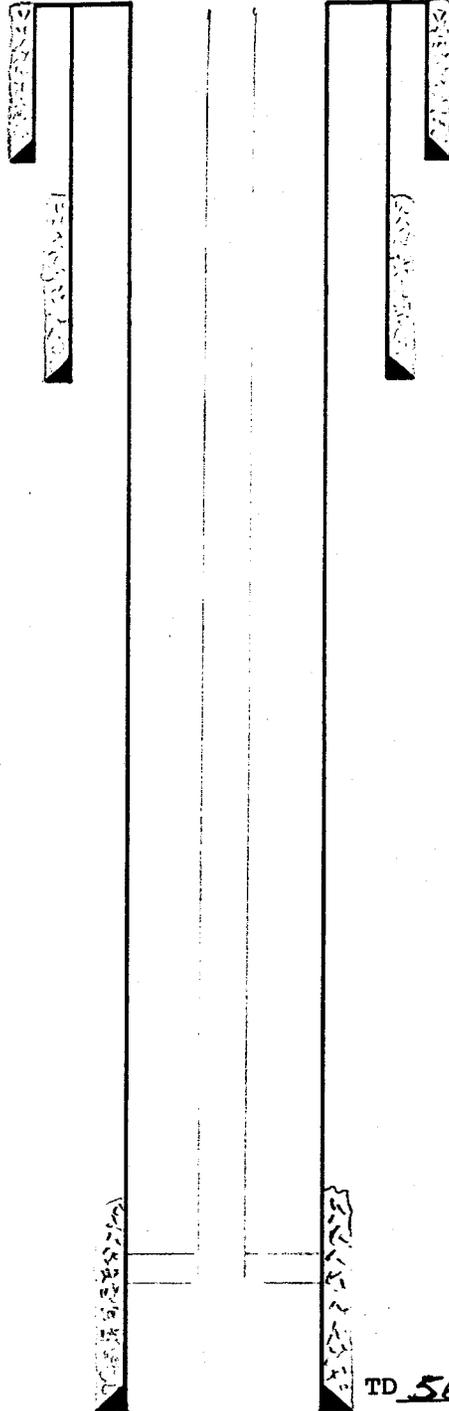
BY: [Signature]

\*See Instructions on Reverse Side

WELL BORE DIAGRAM

INT. Well

Well Name: Gothic Mesa 9-24  
 Location: 9-415-23 E



Conductor Casing: 13 3/8  
 Set to: 300'  
 Cement: 280 SX  
 CIRC CEMENT

Surface Casing: 8 5/8  
 Set to: 1327'  
 Cement: 190 SX  
 Est. CMT. Top 722'

Formation:	Depth:
<u>Chinle</u>	<u>1320</u>
<u>Moenkopi</u>	<u>2158</u>
<u>Organlock</u>	<u>2490</u>
<u>Cutice</u>	<u>3252</u>
<u>Hermosa</u>	<u>4347</u>
<u>TSMAY</u>	<u>5246</u>
<u>Desert Creek</u>	<u>5463</u>

Remarks: INT Well  
2 3/8 TBG 5500'  
Packer set @  
5500'  
Halliburton R-3 PKR  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Production Casing: 4 1/2  
 Set to: 5630'  
 Cement: 180 SX  
 EST. Cat Top 4,946'

TD 5630