

u/s

Aztec #1

then 2640  
m 33/T 415R 2GE

Flood 145 BOPD - 15 mi. - Ismay  
36 BOPD  
331 MCF

GOR 1439/180

9/21/67 - gave verbal approval to Mr. Madison Taylor to speak. Approval conditional upon receiving letter in accordance with rule C-3(c) - PAB

### Subsequent Report of Abandonment

FILE NOTATIONS	
Entered in N I D File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
I W R for State or Fee Land	<input type="checkbox"/>
Checked by Chief	<input checked="" type="checkbox"/> <i>PAB</i>
Copy N I D to Field Office	<input type="checkbox"/>
Approval Letter	<input type="checkbox"/>
Disapproval Letter	<input type="checkbox"/>
COMPLETION DATA:	
Date Well Completed	<u>10-21-67</u>
Location Inspected	<input type="checkbox"/>
OW _____ WW _____ TA _____	Bond released
GW _____ OS _____ PA <input checked="" type="checkbox"/>	State of Fee Land
LOGS FILED	
Driller's Log	<u>10-30-67</u>
Electric Logs (No. )	<u>2</u>
<u>1</u> Dual I-Lat. E-I _____ GR _____ GR-N _____ Micro _____	
Lat _____ Mi-L _____ Sonic _____ Others _____	

Bartholomew Compensated Series Log - Ismay Bay

# Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

W. B. Hopkins  
DISTRICT MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
F. O. Mortlock  
DISTRICT EXPLORATION  
MANAGER  
H. A. Rankin  
DISTRICT SERVICES MANAGER

P. O. Drawer 1938  
Roswell, New Mexico 88201

September 19, 1967

U. S. Geological Survey  
Post Office Box 959  
Farmington, New Mexico 87401

Re: Application For Permit to Drill  
Navajo "C"-27 No. 1  
San Juan County, Utah

Gentlemen:

With reference to the above subject, we are enclosing for your consideration and approval the following:

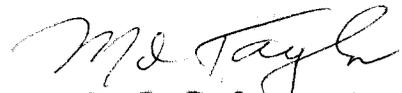
- (1) Five (5) copies of Form 9-331 C, Application For Permit to Drill
- (2) Five (5) copies of Survey Plat

If this Application meets with your approval, please forward Permit to the above address, Attention: District Production Manager.

Please forward two copies of the Permit to the State of Utah, Oil and Gas Conservation Commission, 348 East South Temple, Suite 301, Salt Lake City, Utah 84111.

By carbon copy of this letter, we are furnishing the Navajo Tribe of Indians with copies of the above enclosures.

Yours very truly,

  
M. I. Taylor

Enclosures  
JEN:sz

cc: Navajo Tribe of Indians  
412 Petroleum Building  
3535 East 30th Street  
Farmington, New Mexico 87401  
(w/Enclosures)

 State of Utah  
Oil and Gas Conservation Commission  
348 East South Temple, Suite 301  
Salt Lake City, Utah 84111



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR  
**Post Office Box 1938, Roswell, New Mexico 88201**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
**600' FWL & 1100' FWL Section 27, T-41-S, R-26-E, S.L.M.**  
 At proposed prod. zone  
**within 600' of surface location**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**7 miles SE of Aneth, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
**546.40**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**80**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**First Well**

19. PROPOSED DEPTH  
**6,000'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4900 GR**

22. APPROX. DATE WORK WILL START\*  
**September 22, 1967**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" O.D.	48#	320'	Circulate

**PROGRAM:**

- (1) Move in rotary rig. Drill 17-1/2" hole to 320', set 13-3/8", 48# H-40 casing and circulate cement.
- (2) Drill to TD in 8-3/4" hole using fresh water gal.
- (3) Ream 8-3/4" hole to 11" from 320' to 3000', set 8-5/8", 24# J-55 casing, if needed (It may not be necessary to use Step No. 3).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M. J. Taylor TITLE **District Production Manager** DATE **September 19, 1967**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**  
SEP 20 1967

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR  
**Post Office Box 1938, Roswell, New Mexico 88201**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
**600' FSL & 1100' FSL Section 27, T-41-S, R-26-E, S.L.M.**  
 At proposed prod. zone within 600' of surface location

5. LEASE DESIGNATION AND SERIAL NO.  
**1A-20-0603-471**

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Navajo "C"-27**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 27, T-41-S, R-26-E, S.L.M.**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
**546.40**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**80**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**First Well**

19. PROPOSED DEPTH  
**6,000'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4900 GR**

22. APPROX. DATE WORK WILL START\*  
**September 22, 1967**

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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" O.D.	40#	320'	Circulate

PROGRAM:

- Move in rotary rig. Drill 17-1/2" hole to 320', set 13-3/8", 40# H-40 casing and circulate cement.
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24. SIGNED M. E. Taylor TITLE District Production Manager DATE September 19, 1967

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
DATE  
SEP 20 1967

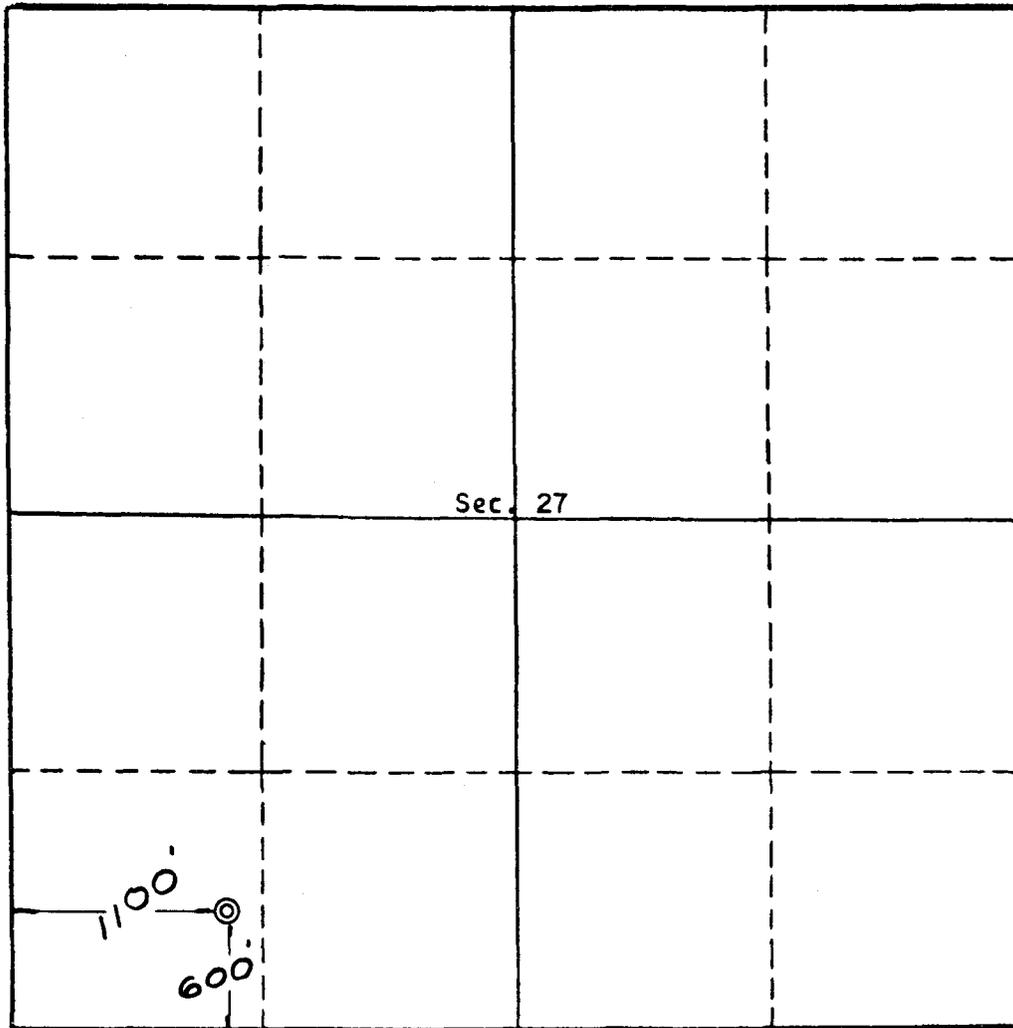
Company GULF OIL CORPORATION

Well Name & No. Navajo "C" - 27, Gulf No. 1

Location 600 feet from the South line and 1100 feet from the West line.

Sec. 27, T. 41 S., R. 26 E., S. L. M., County San Juan, Utah

Ground Elevation 4900, ungraded.



Scale, 1 inch = 1,000 feet

Surveyed September 15, 19 67

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.

Seal:



*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611

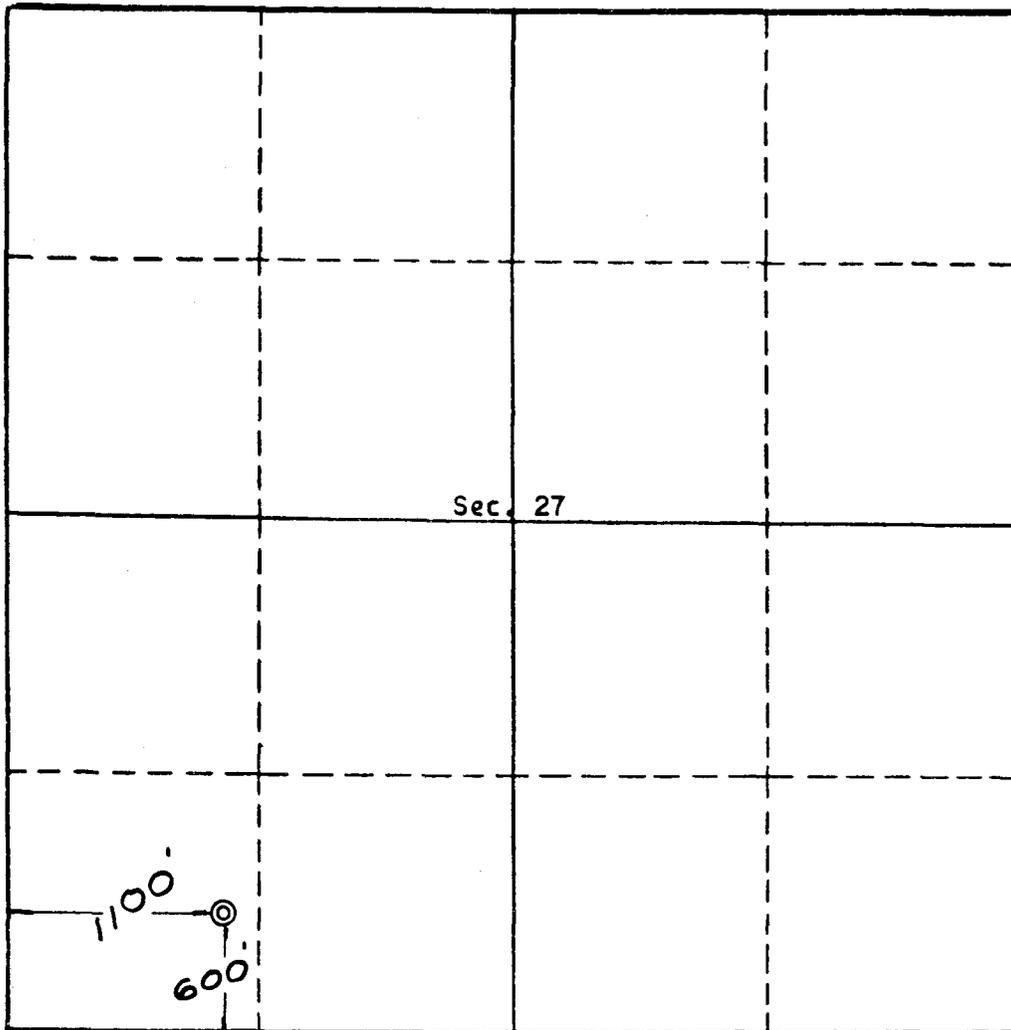
Company GULF OIL CORPORATION

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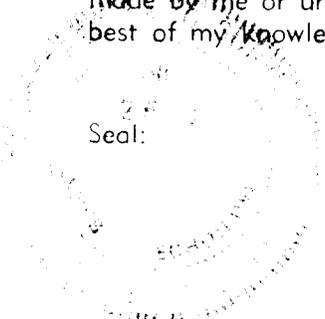


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Seal:



*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR  
**Post Office Box 1938, Roswell, New Mexico 88201**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
**600' FSL & 1100' FWL Section 27, T-41-S, R-26-E, S.L.M.**  
 At proposed prod. zone  
**within 600' of surface location**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**7 miles SE of Aneth, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
**546.40**

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19. PROPOSED DEPTH  
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**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4900 GR**

22. APPROX. DATE WORK WILL START\*  
**September 22, 1967**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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24. SIGNED M. J. Taylor TITLE **District Production Manager** DATE **September 19, 1967**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

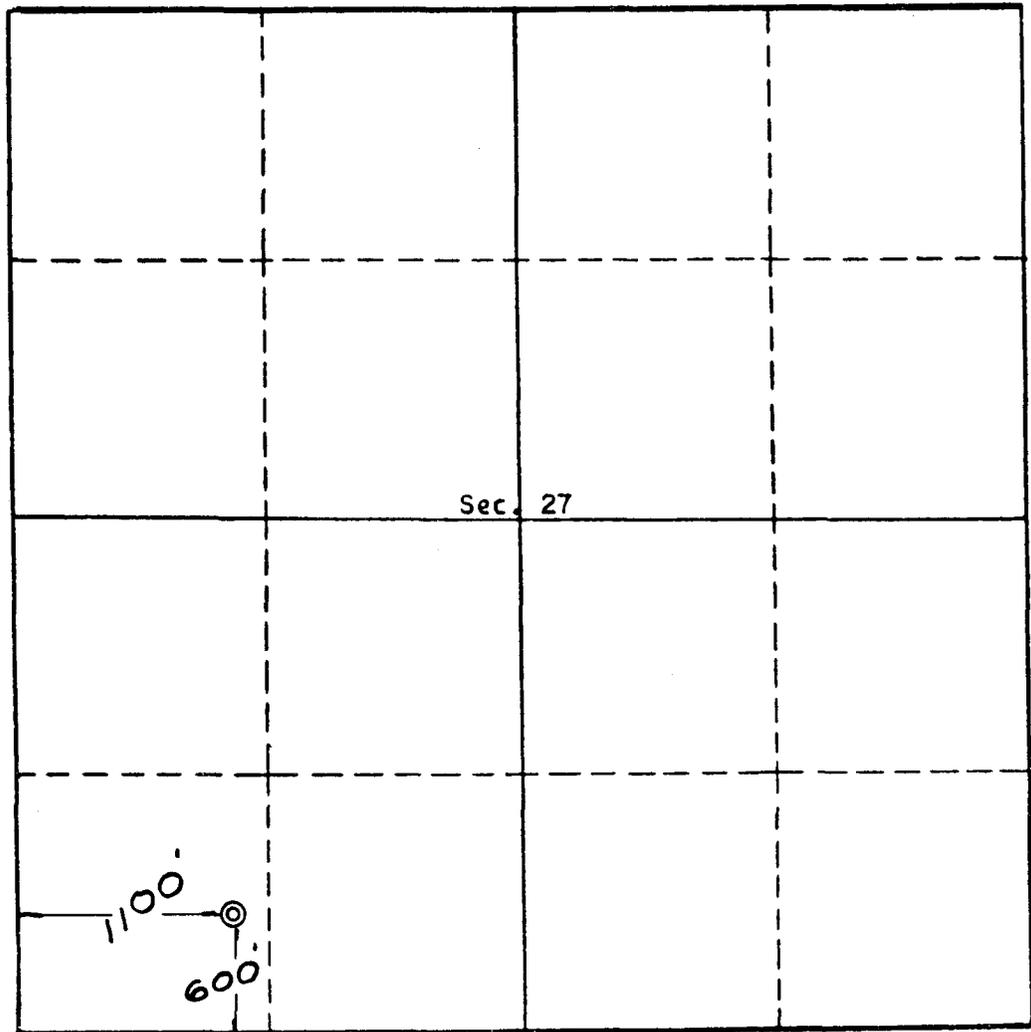
Company GULF OIL CORPORATION

Well Name & No. Navajo "C" - 27, Gulf No. 1

Location 600 feet from the South line and 1100 feet from the West line.

Sec. 27, T. 41 S., R. 26 E., S. L. M., County San Juan, Utah

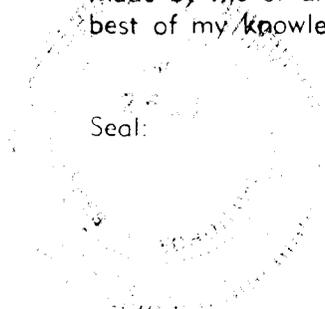
Ground Elevation 4900, ungraded.



Scale, 1 inch = 1,000 feet

Surveyed September 15, 19 67

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Seal:

*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL  DEEPEN  PLUG BACK

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**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR  
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- Drill to TD in 8-3/4" hole using fresh water gel.
- Ream 8-3/4" hole to 11" from 320' to 3000', set 8-5/8", 24# J-55 casing, if needed (It may not be necessary to use Step No. 3).

43-037-20292

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M. J. Taylor TITLE **District Production Manager** DATE **September 19, 1967**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

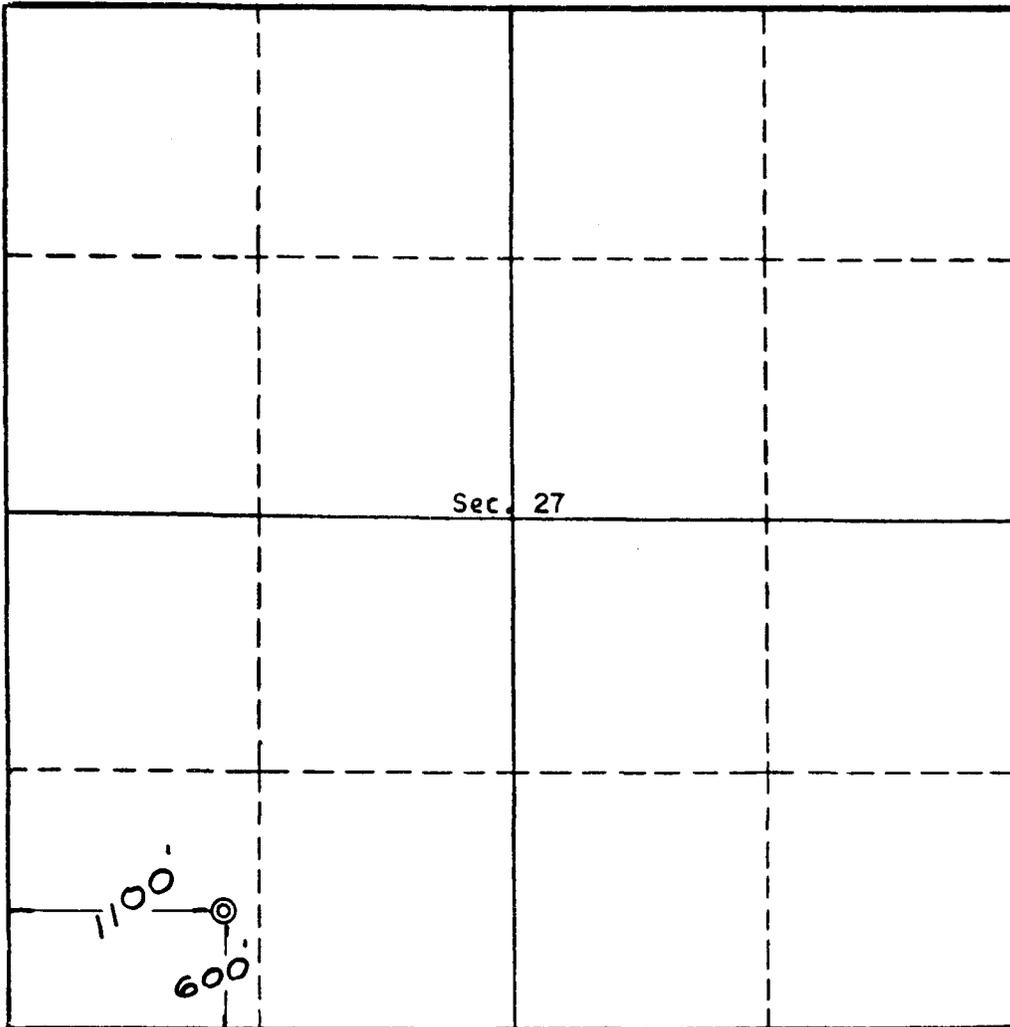
Company GULF OIL CORPORATION

Well Name & No. Navajo "C" - 27, Gulf No. 1

Location 600 feet from the South line and 1100 feet from the West line.

Sec. 27, T. 41 S., R. 26 E., S. L. M., County San Juan, Utah

Ground Elevation 4900, ungraded.

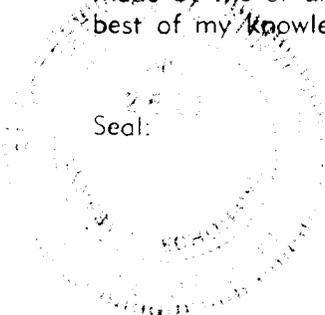


Scale, 1 inch = 1,000 feet

Surveyed September 15, 19 67

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.

Seal:



Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611

# Gulf Oil Corporation

EXPLORATION AND PRODUCTION DEPARTMENT—U. S. OPERATIONS  
ROSWELL DISTRICT

W. B. Hopkins  
DISTRICT MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
F. O. Mortlock  
DISTRICT EXPLORATION  
MANAGER  
H. A. Rankin  
DISTRICT SERVICES MANAGER

P. O. Drawer 1938  
Roswell, New Mexico 88201

September 19, 1967

State of Utah  
Oil and Gas Conservation Commission  
348 East South Temple, Suite 301  
Salt Lake City, Utah 84111

Re: Application For Permit to Drill  
Navajo "C"-27 No. 1  
San Juan County, Utah

Gentlemen:

With reference to the above subject, we are enclosing  
for your consideration and approval the following:

- (1) Two (2) copies of Form 9-331 C, Application For Permit to Drill
- (2) Two (2) copies of Survey Plat

If this Application meets with your approval, please  
forward Permit to the above address, Attention: District Production  
Manager.

Yours very truly,

  
M. I. Taylor

Enclosures  
JEN:sz



# Gulf Oil Corporation

EXPLORATION AND PRODUCTION DEPARTMENT—U. S. OPERATIONS  
ROSWELL DISTRICT

W. B. Hopkins  
DISTRICT MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
F. O. Mortlock  
DISTRICT EXPLORATION  
MANAGER  
H. A. Rankin  
DISTRICT SERVICES MANAGER

P. O. Drawer 1938  
Roswell, New Mexico 88201

September 21, 1967

State of Utah  
Oil and Gas Conservation Commission  
348 East South Temple  
Suite 301  
Salt Lake City, Utah 84111

Attention: Mr. Paul Burchell

Gentlemen:

Referring to telephone conversation this date between Mr. Burchell and Mr. Taylor, Gulf Oil Corporation requests administrative approval of an exception under Utah Rule C-3(c) for an unorthodox location 600 feet from south line and 1100 feet from west line Section 27, Township 41 South, Range 26 East, S.L.M., San Juan County, Utah. The deviation is requested due to topographical conditions.

Please be advised that Gulf Oil Corporation owns all oil and gas leases within 660 feet of the proposed drillsite.

Yours very truly,



M. I. Taylor

MIT:bc



September 29, 1967

Gulf Oil Corporation  
P. O. Box 1938  
Rosewell, New Mexico 88201

Re: Well No. Navajo "C"-27 #1,  
Sec. 27, T. 41 S., R. 26 E.,  
San Juan County, Utah.  
API number 43-037-20292.

Gentlemen:

This letter is to confirm verbal approval granted by Mr. Paul W. Burchell, Chief Petroleum Engineer on September 21, 1967 in accordance with Rule C-3(c) General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sc

cc: U. S. Geological Survey  
P. T. McGrath, District Engineer  
Box 959  
Farmington, New Mexico

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION SERIAL

14-20-0603-471

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	6. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Gulf Oil Corporation	7. FARM OR LEASE NAME Navajo "C"-27
3. ADDRESS OF OPERATOR Box 670, Hobbs, New Mexico 88240	8. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface	9. FIELD AND POOL, OR WILDCAT Wildcat
PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL	
10. FIELD AND POOL, OR WILDCAT Wildcat	11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA Sec 27, 41-S, 26-E, S.L.M.
12. COUNTY OR PARISH San Juan	13. STATE Utah
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4900' 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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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

JCM Drilling Company spudded 12-1/4" hole at 1:00 PM, September 23, 1967. Drilled to 326'. Reamed 12-1/4" hole to 17-1/2" to 326'.

Ran 10 joints, 309' of 13-3/8" 48# H-40 casing. Set and cemented at 324' with 100 sacks of Class A cement with 4% gel and 100 sacks of Class A with 2% Ca Cl. Cement circulated. WOC & NU over 18 hours. Tested casing with 1000#, 30 minutes, OK.

Started drilling 8-3/4" hole at 326'.

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

ORIGINAL SIGNED BY \_\_\_\_\_ TITLE Area Production Manager DATE September 29, 1967

SIGNED C. D. BORLAND

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

DEPARTMENT OF THE INTERIOR (Reverse side)  
**GEOLOGICAL SURVEY**

**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. <b>OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b> Navajo
2. <b>NAME OF OPERATOR</b> Gulf Oil Corporation		7. <b>UNIT AGREEMENT NAME</b> None
3. <b>ADDRESS OF OPERATOR</b> Box 670, Hobbs, New Mexico 88240		8. <b>FARM OR LEASE NAME</b> Navajo "C"-27
4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		9. <b>WELL NO.</b> 1
14. <b>PERMIT NO.</b>		10. <b>FIELD AND POOL, OR WILDCAT</b> Wildcat
15. <b>ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 4900' GL		11. <b>SEC., T., R., M., OR BLM. AND SURVEY OR AREA</b> Sec 27, 41-S, 26-E, S.L.M.
		12. <b>COUNTY OR PARISH</b> 13. <b>STATE</b> San Juan Utah

PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL

1100' FWL & 600' FSL, Section 27, 41-S, 26-E, S.L.M.

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"/>	REPAIR 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"/>

(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.)\*

JCM Drilling Company spudded 12-1/4" hole at 1:00 PM, September 23, 1967. Drilled to 326'.  
 Reamed 12-1/4" hole to 17-1/2" to 326'.  
 Ran 10 joints, 309' of 13-3/8" 48# H-40 casing. Set and cemented at 324' with 100 sacks of Class A cement with 4% gel and 100 sacks of Class A with 2% Ca Cl. Cement circulated.  
 WOC & NU over 18 hours. Tested casing with 1000#, 30 minutes, OK.  
 Started drilling 8-3/4" hole at 326'.

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

ORIGINAL SIGNED BY C. D. BORLAND TITLE Area Production Manager DATE September 29, 1967

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

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

CONFIDENTIAL

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(See other instructions on reverse side)

Budget Bureau No. 42-R355

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.

11-20-0603-471

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo "C" - 27

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 27, 41-S, 26-E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [X] Other [ ]

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other [ ]

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 1938, Roswell, New Mexico

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

At surface 600' FSL & 1100' FWL, Section 27, 41-S, 26-E, S.L.M.

At top prod. interval reported below

At total depth PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

9-23-67

16. DATE T.D. REACHED

10-21-67

17. DATE COMPL. (Ready to prod.)

Dry

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

4900' GL

19. ELEV. CASINGHEAD

--

20. TOTAL DEPTH, MD & TVD

5918'

21. PLUG, BACK T.D., MD & TVD

--

22. IF MULTIPLE COMPL., HOW MANY\*

--

23. INTERVALS DRILLED BY

-->

ROTARY TOOLS

10 - 5918'

CABLE TOOLS

--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Did not produce

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger Dual Ind., GR-N-Sonic-BHC & Continuous Dipmeter

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Row 1: 13-3/8", 48#, 324', 17-1/2", 200 sacks (Circulated)

29. LINER RECORD

Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD). Row 1: None

30. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Row 1: None

31. PERFORATION RECORD (Interval, size and number)

None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Row 1: None

33. PRODUCTION

DATE FIRST PRODUCTION: Did not Produce. PRODUCTION METHOD: (Flowing, gas lift, pumping--size and type of pump). WELL STATUS: (Producing or shut-in)

Table with columns: DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, OIL--BBL., GAS--MCF., WATER--BBL., GAS-OIL RATIO, FLOW, TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL--BBL., GAS--MCF., WATER--BBL., OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

ORIGINAL SIGNED

SIGNED BY M. I. TAYLOR

TITLE District Production Manager DATE October 26, 1967

M. I. TAYLOR

(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(See other instructions reverse side)

Budget Bureau No. 42-R355.0

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-471

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo "C" - 27

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 27, 41-S, 26-E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [X] Other [ ]

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other [ ]

2. NAME OF OPERATOR Gulf Oil Corporation

3. ADDRESS OF OPERATOR Box 1938, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* At surface 600' FSL & 1100' FWL, Section 27, 41-S, 26-E, S.L.M. At top prod. interval reported below

At total depth PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 9-23-67 16. DATE T.D. REACHED 10-21-67 17. DATE COMPL. (Ready to prod.) Dry 18. ELEVATIONS (DF, REB, BT, GR, ETC.)\* 4900' GL 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 5918' 21. PLUG, BACK T.D., MD & TVD -- 22. IF MULTIPLE COMPL., HOW MANY\* -- 23. INTERVALS DRILLED BY -- ROTARY TOOLS 10 - 5918' CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Did not produce 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Dual Ind., GR-N-Sonic-BHC & Continuous Dipmeter 27. WAS WELL CORED No

Table with 5 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Row 1: 13-3/8", 48#, 324', 17-1/2", 200 sacks (Circulated)

Table with 3 columns: LINER RECORD (SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD)), TUBING RECORD (SIZE, DEPTH SET (MD), PACKER SET (MD)).

Table with 2 columns: 31. PERFORATION RECORD (Interval, size and number) - None; 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED) - None

33.\* PRODUCTION DATE FIRST PRODUCTION Did not Produce PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

Table with 8 columns: DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL—BBL., GAS—MCF., WATER—BBL., GAS-OIL RATIO. Includes flow, tubing press., casing pressure, calculated 24-hour rate, oil—bbl., gas—mcf., water—bbl., oil gravity-API (corr.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

ORIGINAL SIGNED

SIGNED BY M. I. TAYLOR TITLE District Production Manager DATE October 26, 1967

\*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

CONFIDENTIAL

(See other instructions on reverse side)

Budget Bureau No. 42-R355.3

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-471

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo "C" - 27

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 27, 41-S, 26-E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR  
Box 1938, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 600' FSL & 1100' FWL, Section 27, 41-S, 26-E, S.L.M.

At top prod. interval reported below

At total depth PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED 9-23-67 16. DATE T.D. REACHED 10-21-67 17. DATE COMPL. (Ready to prod.) Dry 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 4900' GL 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 5918' 21. PLUG, BACK T.D., MD & TVD -- 22. IF MULTIPLE COMPL., HOW MANY\* -- 23. INTERVALS DRILLED BY 10 - 5918' ROTARY TOOLS -- CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Did not produce

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger Dual Ind., GR-N-Sonic-BHC & Continuous Dipmeter

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>13-3/8"</u>	<u>48#</u>	<u>324'</u>	<u>17-1/2"</u>	<u>200 sacks (Circulated)</u>	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
	<u>None</u>			

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<u>None</u>		

31. PERFORATION RECORD (Interval, size and number)

None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>None</u>	

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) \_\_\_\_\_

Did not Produce

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			<u>→</u>				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		<u>→</u>					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

ORIGINAL SIGNED

SIGNED \_\_\_\_\_ BY \_\_\_\_\_

M. I. TAYLOR

TITLE District Production Manager

DATE October 26, 1967

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types of logs, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Contact your local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:** SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING BIRTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TELE. VERT. DEPTH
NAVAJO SAND	1123	1550	Clean med. grained angular sand containing fresh water.	NAVAJO	1123	
DE CHELLY	2924	2995	Pink sub rounded med. grained sand containing salt water.	CHINLE	1550	
LOWER ISMAY	5726	5779	Tan Dolomite containing salt water. DST 5724-77 op. 1 hr. 45 min. Rec. 460' gas. in drill pipe, 462' GC & Water cut mud, 4162' GC salt water. FP 1397-2207#, HP 3088-3045#, 3:45" ISIP 2236# 2:00 FSIP 2221#, BHT 120°	SHINARUMP DE CHELLY ORGAN ROCK HERMOSA ISMAY L. ISMAY PARADOX SHALE	2783 2924 2995 4697 5645 5726 5779	
				DESERT CREEK	5830	
				T.D.	5918	

OCT 30 1967

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

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**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NAVAJO SAND	1123	1550	Clear med. grained angular sand containing fresh water.	NAVAJO	1123	
DE CHELLY	2924	2995	Pink sub rounded med. grained sand containing salt water.	CHINLE SHILARUMP	1550 2703	
LOWER ISMAY	5726	5779	Tan Dolomite containing salt water. DST 5724-77 op. 1 hr. 45 min. Rec. 460' gas in drill pipe, 462' GCS water cut mud, 4162' CC salt water. FP 1397-2297, NP 3088-3045, 13:45" ISIP 22367 2:00 PSIP 22217, BHT 120"	DE CHELLY ORISKANY HEMPHOSA ISMAY L. ISMAY PARADOX SHALE DESERT CREEK L.D.	2924 2995 4697 5645 5726 5779 6000 6910	

OCT 30 1967

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers', geologists', sample' and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments, items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		MEAS. DEPTH	TRUE VERT. DEPTH
NAVAJO SAND	1123	1550		Clean med. grained angular sand containing fresh water.	NAVAJO		1123	
DE CHELLY	2924	2995		Pink sub rounded med. grained sand containing salt water.	CHINLE SHINARUMP		1550 2783	
LOWER ISMAY	5726	5779		Tan Dolomite containing salt water. DST 5724-77 op. 1 hr. 45 min. Rec. 460" gas in drill pipe, 462" GCL Water cut mud, 4162' GC salt water. FP 1397-2207', HP 3088-3045', 3:45" ISIP 2236F 2:00 FSIP 2221', BHT 120"	DE CHELLY ORIGIN ROCK HERNOSA ISMAY L. ISMAY PARADOX SHALE DESERT CREEK T.D.		2924 2995 4697 5645 5726 5779 5830 5918	

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38.

OCT 30 1967

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  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR  
Box 670, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
600' FSL & 1100' FWL, Section 27, 41-S, 26-E, S.L.M.

5. PERMIT NO. \_\_\_\_\_ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4900' GL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME  
Navajo <sup>UCN</sup> - 27

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 27, 41-S, 26-E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL

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>Plugged and abandoned</u>	
(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.)\*

5918' TD. Reached TD of 8-3/4" hole at 5918' at 4:00 PM, October 21, 1967. Ran logs. Obtained verbal permission from Mr. John Ward with U. S. G. S. and Mr. Paul Burchell with Utah Oil & Gas Conservation Commission to plug and abandon as follows:

Spotted 90 sack cement plug #1 from 5918' to 5700'; 80 sack plug #2 from 4735' to 4635'; 90 sack cement plug #3 from 2965' to 2865' and 75 sack cement plug #4 from 1556' to 1456'. Filled cellar, cleaned pits and installed dry hole marker. Well to be left for possible water supply well or disposal well.

*Write for P & A Date*

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

SIGNED G. D. BORLAND TITLE Area Production Manager DATE October 26, 1967

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

FORM OGCC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING  
-----

Well Name & Number Navajo "C" - 27, Well No. 1  
Operator Gulf Oil Corporation Address Box 1938 Phone 505-622-7160  
Roswell, N. M.  
Contractor J.C.M. Drilling Co. Address 600 Citizens Bank Tower Bldg. Phone \_\_\_\_\_  
Okla. City, Okla.  
Location SW ¼ SW ¼ Sec. 27 T. 41-S N R. 26-E E San Juan County, Utah.  
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1. 1123	1550	Not allowed to flow	Fresh
2. 2924	2995	Not allowed to flow	Salty
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

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  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR  
Box 670, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
600' FSL & 1100' FWL, Section 27, 41-S, 26-E, S.L.M.

5. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4900' GL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo MCH - 27

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
Sec 27, 41-S, 26-E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. PERMIT NO.

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

PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL

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>Plugged and abandoned</u>	

(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.)\*

5918' TD. Reached TD of 8-3/4" hole at 5918' at 4:00 PM, October 21, 1967. Ran logs. Obtained verbal permission from Mr. John Ward with U. S. G. S. and Mr. Paul Burchell with Utah Oil & Gas Conservation Commission to plug and abandon as follows:

Spotted 90 sack cement plug #1 from 5918' to 5700'; 80 sack plug #2 from 4735' to 4635'; 90 sack cement plug #3 from 2965' to 2865' and 75 sack cement plug #4 from 1556' to 1456'. Filled cellar, cleaned pits and installed dry hole marker. Well to be left for possible water supply well or disposal well.

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

ORIGINAL SIGNED BY SIGNED C. D. BORLAND TITLE Area Production Manager DATE October 26, 1967

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR <b>Gulf Oil Corporation</b></p> <p>3. ADDRESS OF OPERATOR <b>Box 670, Hobbs, New Mexico</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>600' FSL &amp; 1100' FWL, Section 27, 41-S, 26-E, S.L.M.</b></p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>Navajo</b></p> <p>9. WELL NO. <b>1</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b></p> <p>11. SEC., T. R., M., OR BLEK. AND SURVEY OR AREA <b>Sec 27, 41-S, 26-E</b></p> <p>12. COUNTY OR PARISH <b>San Juan</b></p> <p>13. STATE <b>Utah</b></p>
<p><b>PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL</b></p>	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, CR, etc.) <b>4900' GL</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input 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>Plugged and abandoned</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

5918' TD. Reached TD of 8-3/4" hole at 5918' at 4:00 PM, October 21, 1967. Ran logs. Obtained verbal permission from Mr. John Ward with U. S. G. S. and Mr. Paul Burchell with Utah Oil & Gas Conservation Commission to plug and abandon as follows:

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18. I hereby certify, **ORIGINAL SIGNED BY**, that the foregoing is true and correct

SIGNED C. D. BORLAND TITLE Area Production Manager DATE October 26, 1967

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Nov. 27 - 27 #1

see 27 T41 S 20E - Am. Iron Co.

Mr. Lummner - Gulf Oil Corp

(4) (1) 1475 - 1575 - ~~Q~~ @ base of Hervey  
to be left for water.

(1) (2) T.D. 5918 - 5700 to T.D. across  
Derrick Creek & Dismal.

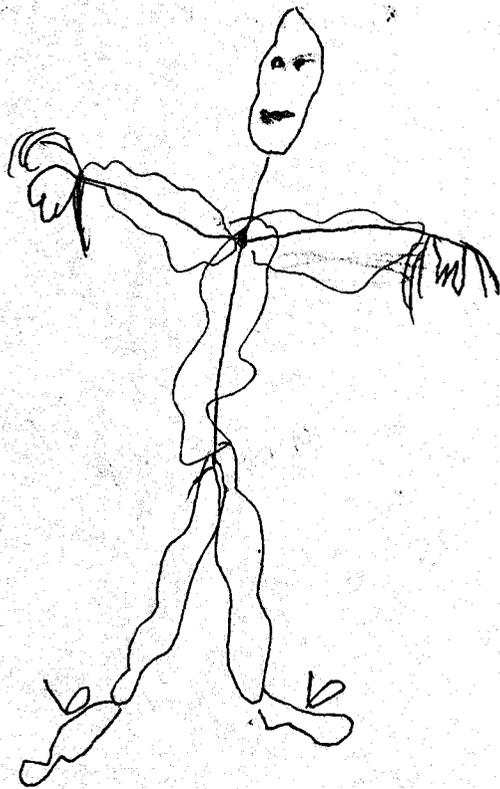
(2) (3) 5650 - 5750 - Top of Hervey

(3) (4) 2875 - 2975 - Top of ~~20~~ Challey  
(2924)

1 PST - G/cut/water -

"Confidential"

GMB - 70/27/67



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  Water Injection  
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR  
 P. O. DRAWER G, CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 1078'FWL, 618' FSL, Sec. 27, SWSW  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 6.5 Miles East-Southeast of Aneth, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 618'

16. NO. OF ACRES IN LEASE 546.4

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3650'

19. PROPOSED DEPTH 5820' *LOWER ISMAY*

20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4906' GR

22. APPROX. DATE WORK WILL START\*  
 February 20, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	5-1/2"	15.5 & 17#	5820'	1st stage: 328 ft. <sup>3</sup> or enough to cover zone of interest. 2nd stage: 1108 ft. <sup>3</sup> to surface through DV tool at 1600'

Superior Oil proposes to re-enter the subject well, formerly called The Gulf #1 Navajo C-27, to a total depth of 5820'. A 17-1/2" hole was drilled and 324' of 13-3/8", 48#/ft. casing is presently set. We will run 5-1/2" casing to T.D. and complete in the Lower Ismay Formation as a water disposal well.

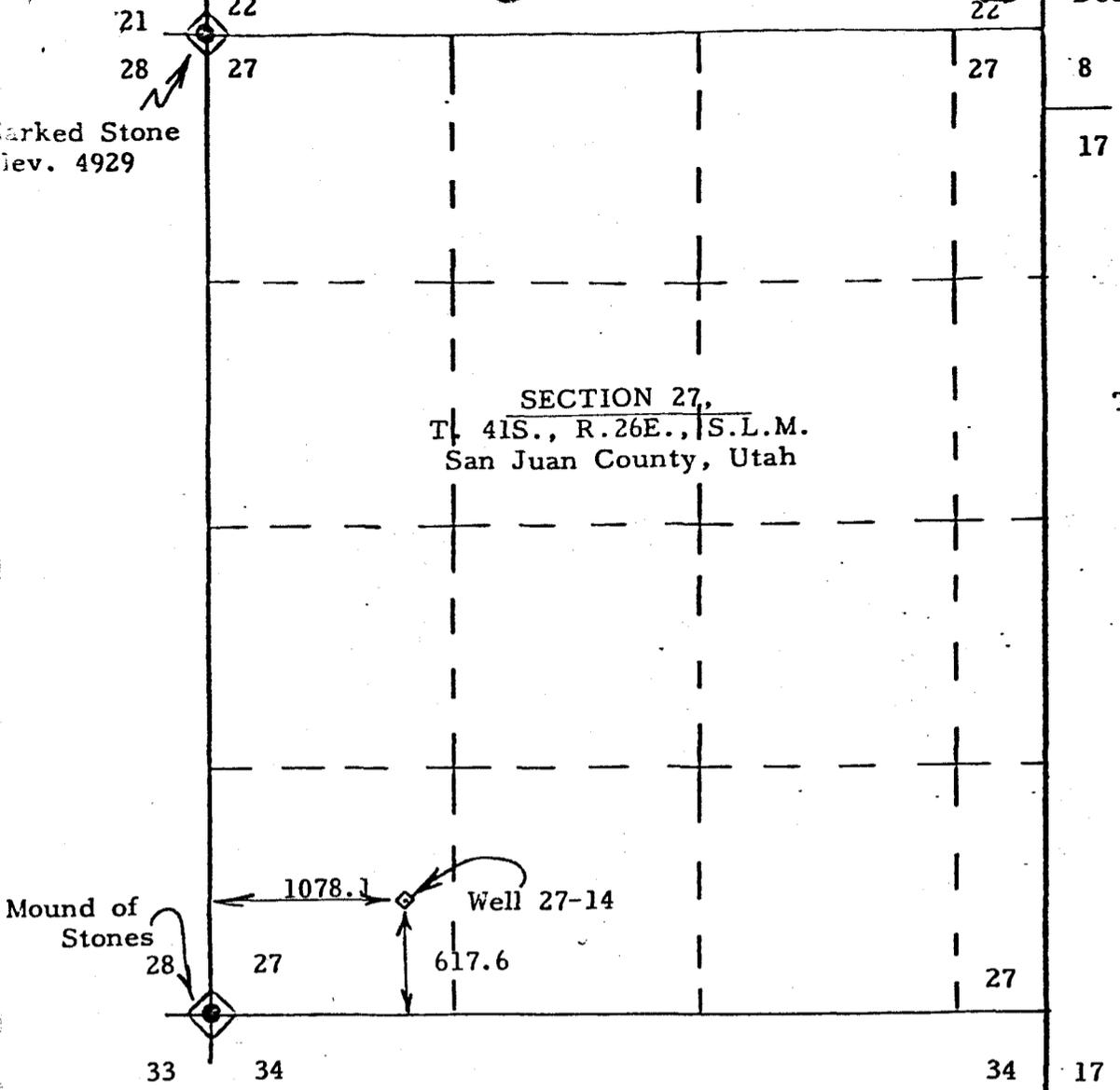
DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED James S. Andres TITLE Petroleum Engineer DATE Dec. 27, 1983  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

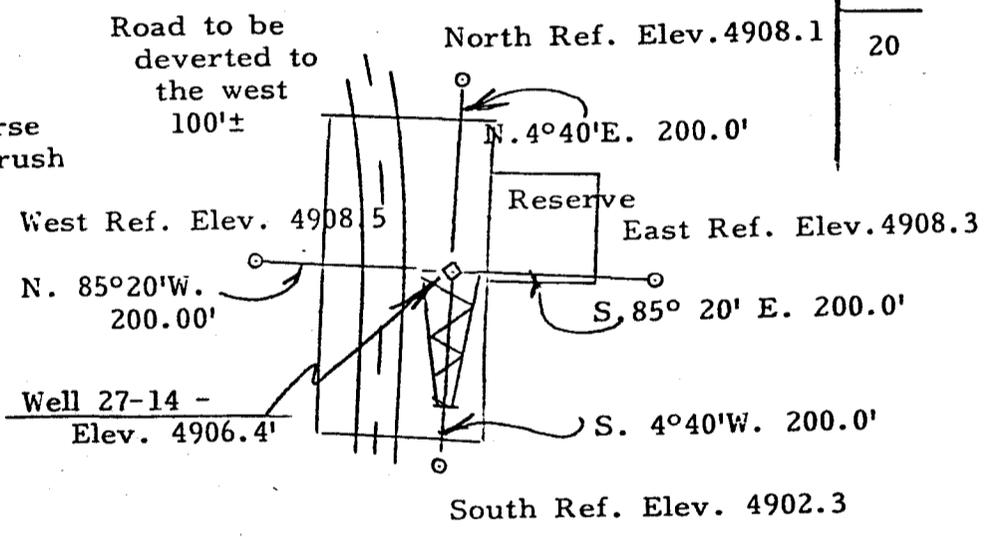
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 1/11/84  
BY: [Signature]



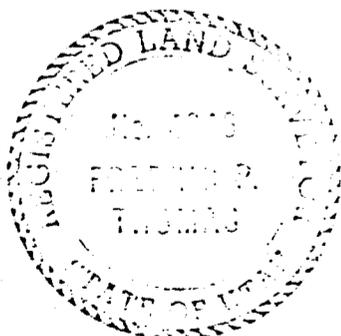
T. 33 1/2 N., R. 20 W.  
Colorado

Scale 1" = 1000'

Soil: Sandy  
Vegetation: Sparse brush



Scale 1" = 200'



*Handwritten signature*  
 THOMAS  
 ENGINEERING INC.

DIVISION OF  
OIL, GAS & MINING

KNOW ALL MEN BY THESE PRESENTS:  
 THAT I, FREDRIC P. THOMAS  
 do hereby certify that I prepared this plat from an  
 actual and accurate survey of the land and that the  
 same is true and correct to the best of my knowledge  
 and belief.

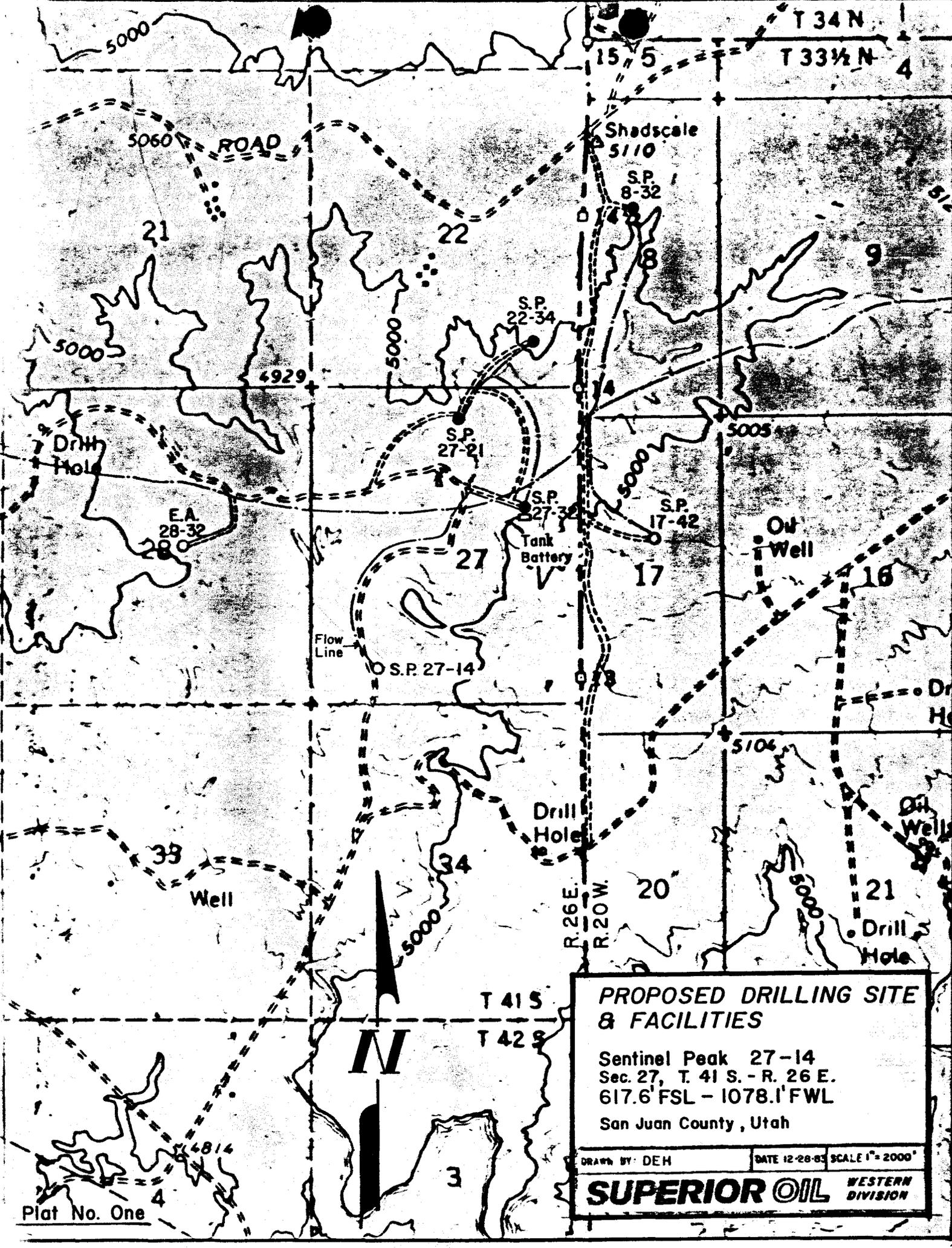
*Fredric P. Thomas*

FREDRIC P THOMAS Bearing by  
 Reg. L.S. and P.E. Solar  
 Colo. Reg. No. 6728 observation



**THOMAS** Engineering Inc.

215 N. Linden  
 Cortez, Colorado  
 565-4496



**PROPOSED DRILLING SITE & FACILITIES**

Sentinel Peak 27-14  
 Sec. 27, T. 41 S. - R. 26 E.  
 617.6' FSL - 1078.1' FWL  
 San Juan County, Utah

---

DRAWN BY: DEH      DATE 12-28-63      SCALE 1" = 2000'

**SUPERIOR OIL**      WESTERN DIVISION

Plat No. One

SUPPLEMENTAL TO FORM 9-331-C

WELL: Sentinel Peak #27-14 (Formerly the Gulf #1 Navajo C-27)

ELEVATION: 4906' Ground Level

SURFACE FORMATION: Dakota

ESTIMATED FORMATION TOPS:  
(Provided by Petroleum Information Corp. 1966)

<u>Formation</u>	<u>Depth</u>
Navajo	1123'
Chinle	1550'
Shinarump	2783'
DeChelly	2924'
Organ Rock	2995'
Hermosa	4697'
Ismay	5645'
Lower Ismay	5726'
Gothic Shale	5779'

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OIL, GAS & MINING

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 324' to 1550'.

HYDROCARBON BEARING FORMATION: None expected.

MUD PROGRAM: Surface to 2800' - fresh water.  
2800' to 5820' - Lignosulfonate or similar mud system. Water loss controlled to 25 cc or less and weighted with Barite as necessary.

<u>CASING PROGRAM:</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O. D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>
	Production 5820'	8-3/4"	5-1/2"	15.5 & 17#	K-55	ST&C

(2)

CEMENT PROGRAM:

Production: 1st Stage - 220 sxs Self Stress II  
cmt. (Estimated TOC - 4400')  
2nd Stage - Cement to surface thru DV tool @ 1600'  
w/500 sxs Lite + 2% CaCl<sub>2</sub> + 1/6#/sx Cellophane  
Flakes & 100 sxs Class B + 2% CaCl<sub>2</sub> + 1/6#/sx  
Cellophane Flake.

PRESSURE CONTROLS:

Blowout preventer equipment is shown on the  
attached plat. It will be a 10" series 600 with  
blind rams and drill pipe rams hydraulically and  
manually controlled. The blind rams will be tested  
daily. The mud system will be monitored by visual  
inspection.

LOGGING PROGRAM:

FDC-CNL-GR-CAL, DIL-GR

HIGH PRESSURE AND/OR H<sub>2</sub>S GAS: High pressure gas or gas containing detectable  
H<sub>2</sub>S are not anticipated while drilling  
this well.

DRILL STEM TESTS:

None anticipated.

CORING:

None anticipated.

ANTICIPATED STARTING DATE:

February 20, 1984.

JSA/dc

# SUPERIOR OIL

January 3, 1984

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JAN 05 1984

Mr. Mat N. Millenbach  
Area Manager  
U. S. Department of Interior  
Bureau of Land Management  
Caller Service 4104  
Farmington, New Mexico 87499

DIVISION OF  
OIL, GAS & MINING

Re: Surface Use Development Plan  
Proposed Well  
Sentinel Peak #27-14  
1078' FWL, 618' FSL  
Section 27, T41S, R26E, SLM  
San Juan County, Utah

Dear Sir:

We submit the following Application and Plats for permission to re-enter the referenced well.

1. The existing roads are shown on the attached drill site and facilities plats. Direction to the location from the Colorado-Utah state line are as follows:

Proceed along Highway 262 going northwest 1.3 miles to a gravel road on the right. Proceed north on the gravel road for two (2) miles to location. Refer to Plat #1.

It should be noted that the existing road will be diverted 100'  $\pm$  to the west to build the location.

2. No planned access roads will be constructed. Existing access road will be used.
3. Location of Existing Wells within one mile:
  - a. Water wells - none.
  - b. Abandoned wells - none.
  - c. Temporarily abandoned wells - none.
  - d. Disposal wells - none.
  - e. Drilling wells - none.
  - f. Producing wells - two.
  - g. Shut-in wells - none.
  - h. Injection wells - none.

(Refer to Plat #2).

4. Location of Existing and/or Proposed Producing Facilities:
- There is one existing producing facility owned and controlled by Superior Oil within the one-mile radius. An injection line will be laid and buried along the existing road and will be used to transport produced water from the producing facilities to the well. (Refer to Plat #1).
5. Location and Type of Water Supply will be from Superior's McElmo Creek Unit fresh water supply wells near the San Juan River (SW-1/4 Sec. 17, T41S, R25E). Water will be trucked to location over existing roads.
6. Source of Construction Materials necessary to build the drilling pad will be obtained from the location. If gravel is needed to maintain existing roads or to top off the drilling pad it will be trucked from a privately owned gravel pit 0.25 miles west of Montezuma Creek.
7. Methods of handling waste disposal is to collect it in an earthen pit 6' to 8' deep with steep sides and fenced with small mesh wire and located near the mud pit. The reserved mud pit will be located on the west side of the location. When drilling operations are complete the mud pits will be allowed to dry and then backfilled and leveled to the contour of the original landscape. The reserve pit will be fenced on three sides while drilling and on the fourth side as soon as the drilling rig moves out. OSHA approved chemical toilets will be provided and maintained. (Refer to Plat #3 & #6).
8. Ancillary facilities. No permanent campsites or airstrips will be constructed. Two small portable trailer houses for Superior's and contractors drilling Supervisory personnel will be on the location while drilling the well. (Refer to Plat #3).
9. Wellsite layout. The location and position of all drilling equipment is shown on the attached plat. There is also a plat attached showing the cross section diagram of the drill pad including all cuts and fills. Material from the location will be used for pad elevation. (Refer to Plats #3, #4, #5 & #6).
10. Plans for restoration of the surface. Upon completion of drilling operations the site will be restored to the contour of the original landscape and seeded in accordance with the BIA requirements.
11. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation is sparse desert type ground cover. There are no Indian habitations or artifacts in the immediate vicinity of the access road, flow line or drill site.

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JAN 05 1981

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OIL, GAS & MINING

12. Superior's representatives:

Permitting - Wm. H. Edwards  
Construction - J. A. Calhoon  
Drilling - J. E. Gagneaux  
Production - D. C. Collins  
Mailing Address - P. O. Drawer 'G', Cortez, Co. 81321  
Telephone (24 hrs) - 303-565-3733  
Dirt Contractor - Perry McDonald Construction  
P. O. Box 1750, Cortez, Co. 81321  
Telephone - 303-565-3656  
Drilling Contractor - not determined at this time.

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by the SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Respectfully submitted,

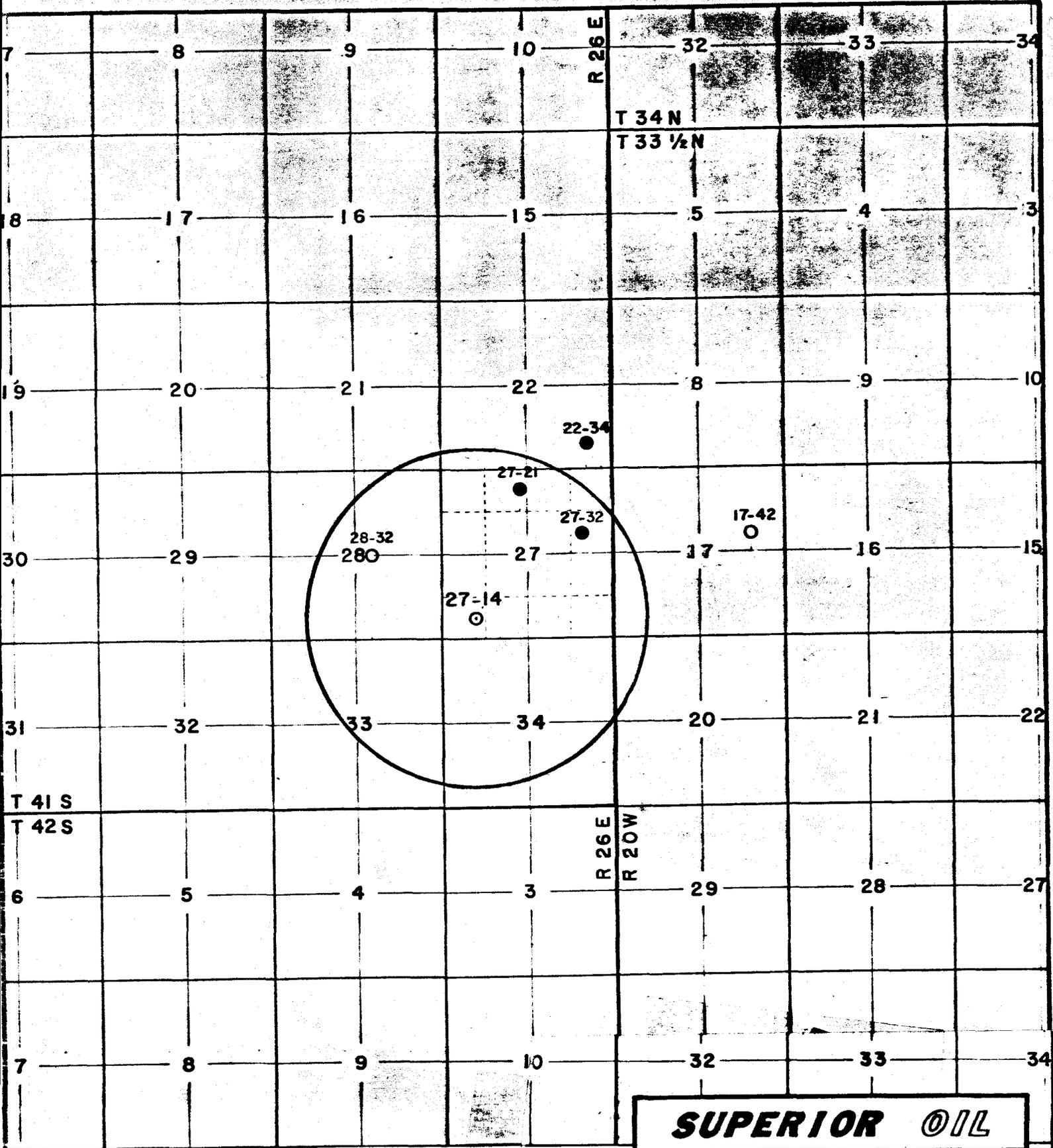
SUPERIOR OIL COMPANY

10/12 '84  
Date

W. H. Edwards  
W. H. Edwards  
Special Projects Superintendent

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JAN 05 1984

DIVISION OF  
GAS & MINING



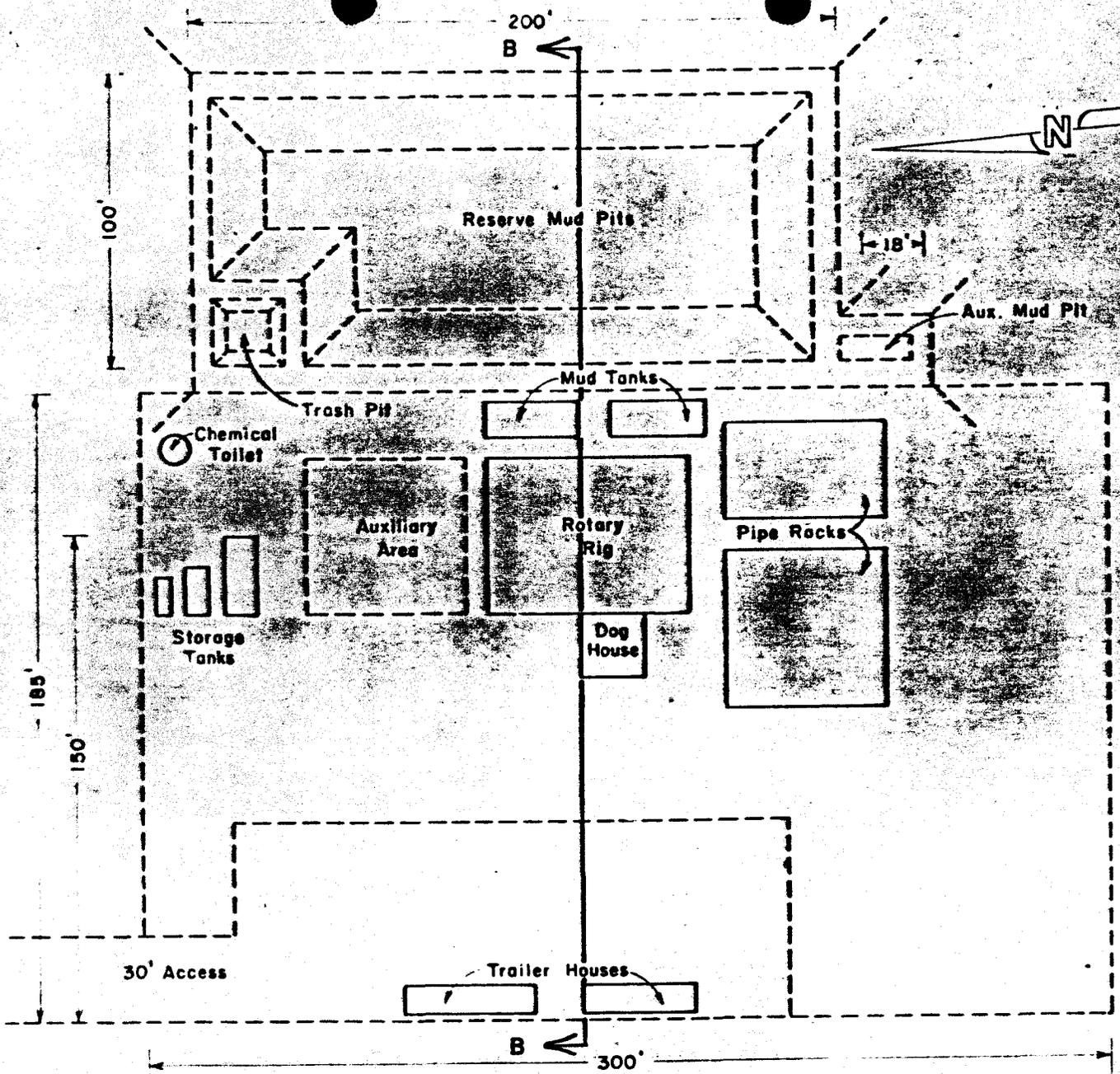
- Proposed Well
- Producing Well
- ⊗ Gas Well
- ⊖ Water Disposal Well
- ⊙ Temporarily Abandoned
- ⊕ Plugged and Abandoned

**SUPERIOR OIL**

EXISTING WELLS  
SURROUNDING  
PROPOSED WELL

0 1/2 1 mile

By: DEH Date: 12-28-83

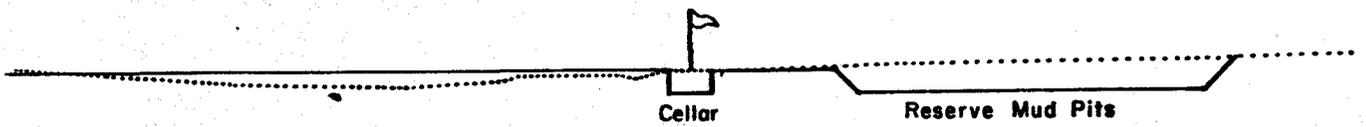


The Drilling Pad will be graded and compacted, and composed of native materials.

**PROPOSED WELL SITE**

S. P. 27-14

Original Elev. 4906.4'



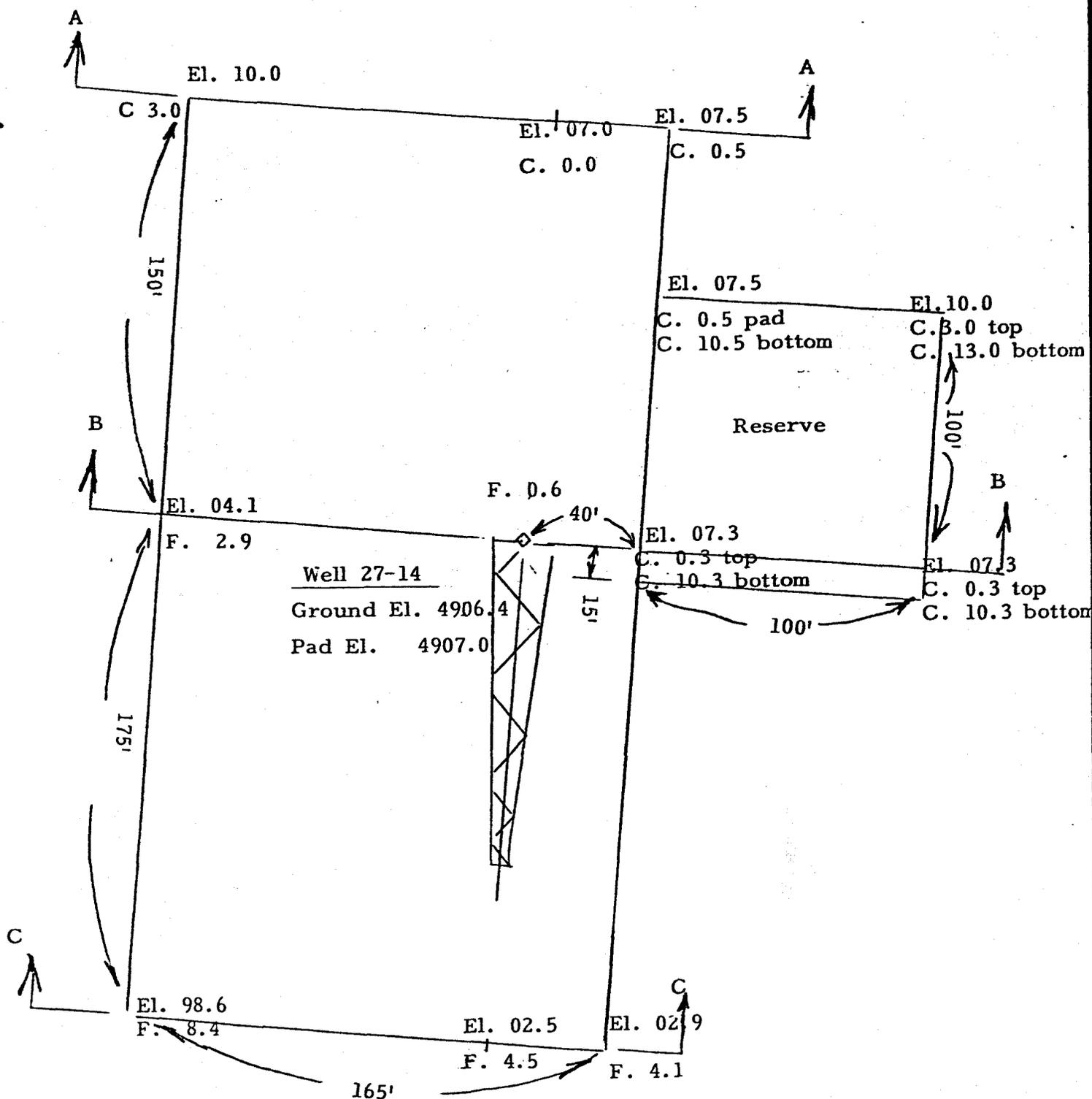
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JAN 05 1961

DIVISION OF  
OIL, GAS & MINING

Original Contour   
Reference Point   
Graded Proposal 

**THE SUPERIOR OIL CO.**   
CORTAZ CASPER DISTRICT  
ENGINEERING DEPARTMENT  
**RIG LAYOUT & DRILL  
PAD CROSS SECTION**  
SENTINEL PEAK 27-14  
Sec. 27, T. 41 S. - R. 26 E.  
San Juan County, Utah  
BY JEG DATE 12-28-60  
SCALE 1" = 50' REVISION DEN

Sentinel Peak Well 27-41



Scale 1" = 50'



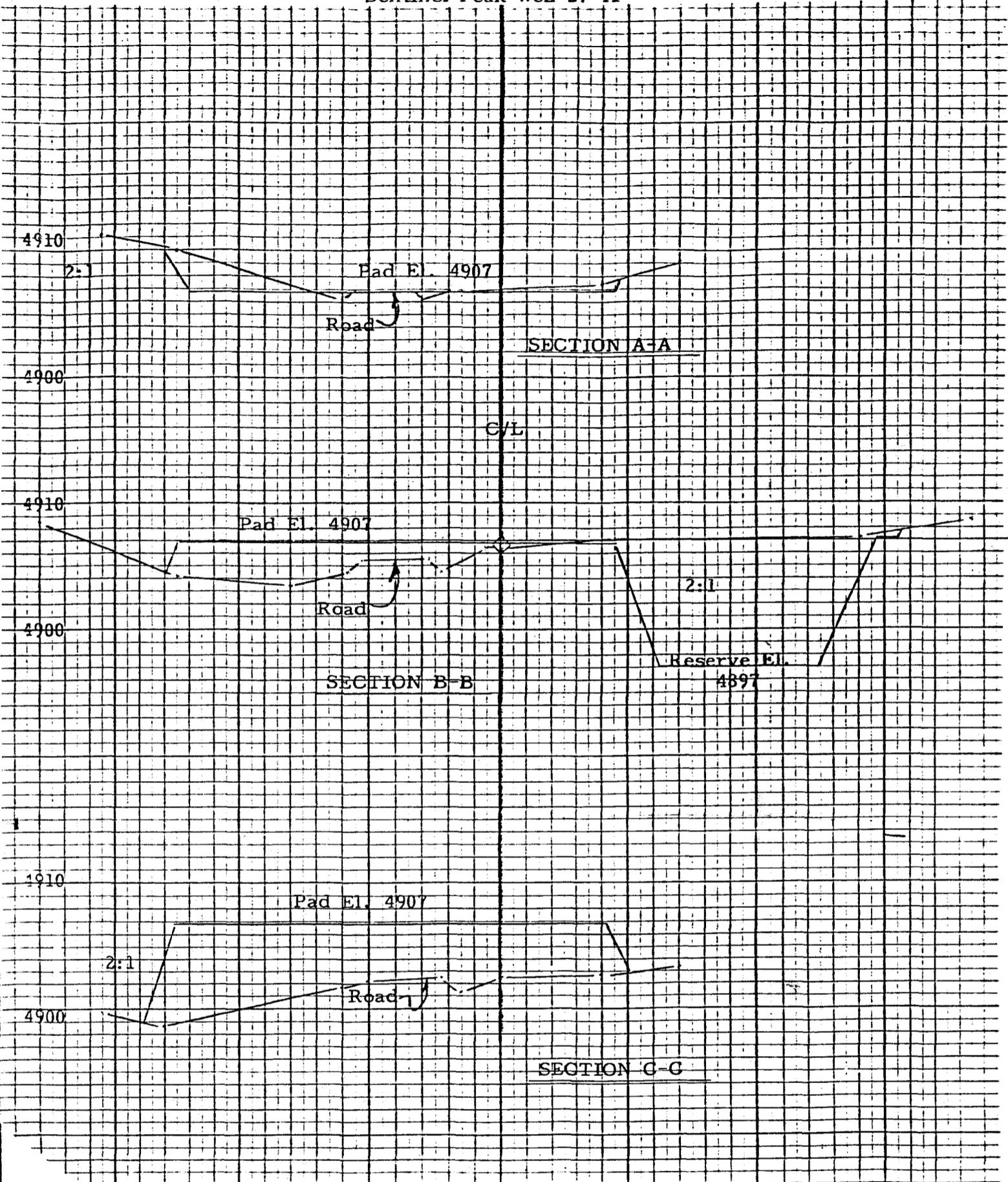
**RECEIVED**  
 JUN 05 1984

DIVISION OF  
 OIL, GAS & MINING

**THOMAS Engineering Inc.**

25 N. Linden  
 Cortez, Colorado  
 565-4496

Sentinel Peak Well 27-41



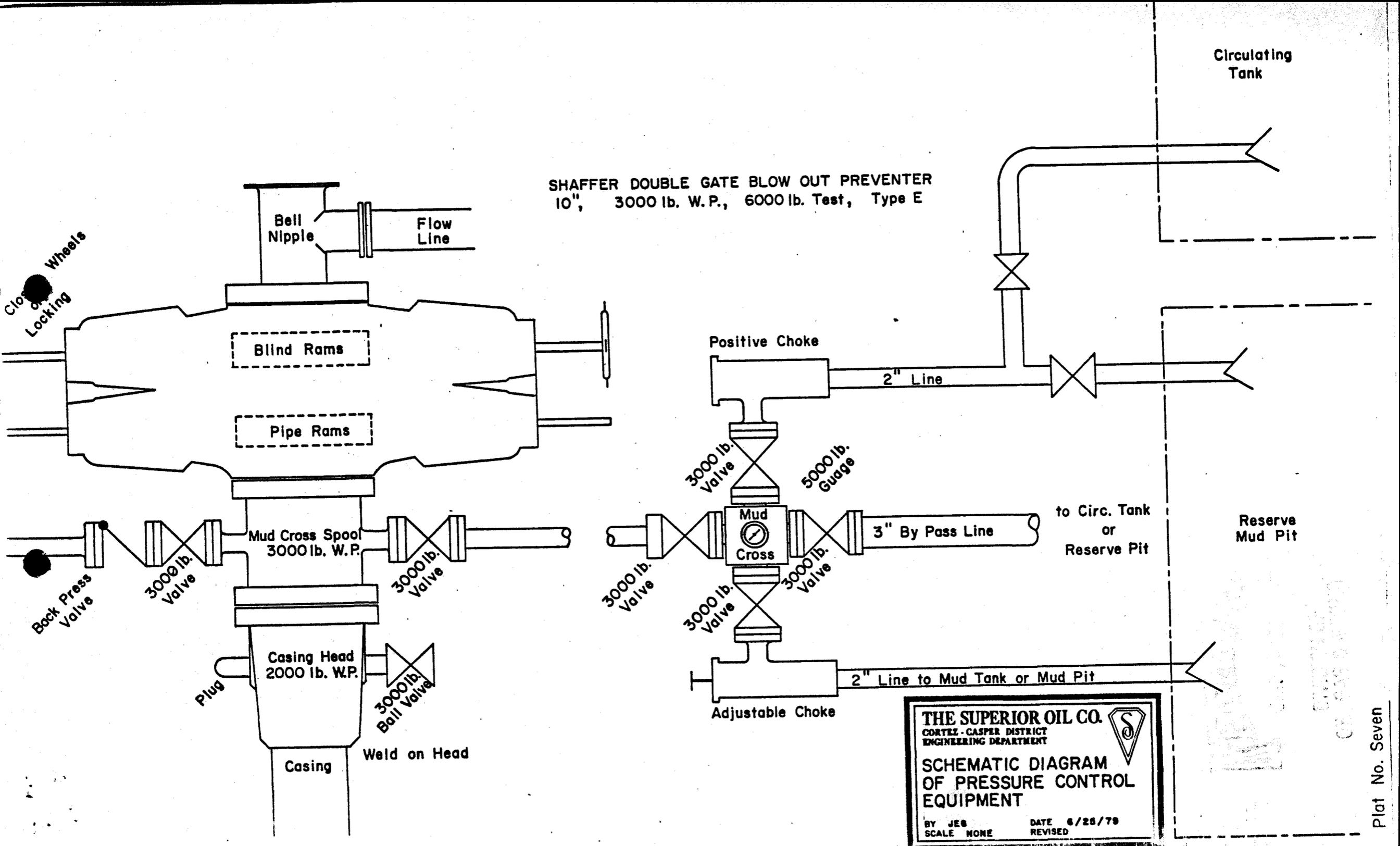
Horizontal Scale 1" = 50'  
 Vertical scale 1" = 10'

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 JAN 05 1984

**THOMAS** Engineering Inc.

25 N. Linden  
 Cortez, Colorado  
 565-4496

DIVISION OF  
 OIL, GAS & MINING



SHAFFER DOUBLE GATE BLOW OUT PREVENTER  
 10", 3000 lb. W.P., 6000 lb. Test, Type E

Circulating Tank

Closing  
 Locking  
 Wheels

Bell Nipple  
 Flow Line

Blind Rams

Pipe Rams

Back Press Valve  
 3000 lb. Valve  
 Mud Cross Spool  
 3000 lb. W.P.  
 3000 lb. Valve

Plug  
 Casing Head  
 2000 lb. W.P.  
 3000 lb. Ball Valve  
 Weld on Head  
 Casing

Positive Choke  
 2" Line  
 3000 lb. Valve  
 5000 lb. Gauge  
 Mud Cross  
 3000 lb. Valve  
 3" By Pass Line  
 to Circ. Tank or Reserve Pit  
 Reserve Mud Pit  
 2" Line to Mud Tank or Mud Pit  
 Adjustable Choke

**THE SUPERIOR OIL CO.**  
 CORTEZ - CASPER DISTRICT  
 ENGINEERING DEPARTMENT

**SCHEMATIC DIAGRAM  
 OF PRESSURE CONTROL  
 EQUIPMENT**

BY JEB  
 SCALE NONE

DATE 6/26/79  
 REVISED

OPERATOR Superior Oil Co. DATE 1-9-84  
WELL NAME Sentinel Peak 27-14  
SEC SWSW 27 T 41S R 26E COUNTY San Juan

43-037-20292 ✓  
API NUMBER

Indian  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/> INDEX	<input type="checkbox"/> MAP	<input type="checkbox"/> HL
<input type="checkbox"/> NID	<input type="checkbox"/>	<input type="checkbox"/> PI

PROCESSING COMMENTS:  
No other wells within Sec 27 or 1000'

CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE:  
1. Water  
2. ~~Geophysical Location request~~

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT \_\_\_\_\_

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

VERIFY LEGAL AND SUFFICIENT DRILLING WATER



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

January 17, 1984

Superior Oil Company  
PO Drawer G,  
Cortez, Colorado 81321

RE: Sentinel Peak Well No. #27-14  
Sec. 27, T41S, R26E, SLBM

Gentlemen:

With reference to your application to convert the above mentioned well to an injection well, please advise this office on the proposed rate of injection and pressure.

Thank you,

DIVISION OF OIL, GAS & MINING

*Marilyn Doulsen*  
*Office Specialist*

CLEON B. FEIGHT  
UIC MANAGER



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

January 24, 1984

Newspaper Agency Corp.  
Legal Advertising  
143 South Main  
Salt Lake City, Utah

RE: Cause # UIC-031

Gentlemen:

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

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 31st day of January 1984. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Marjorie L. Larson*  
for

MARJORIE L. LARSON  
Administrative Assistant

CAUSE NO. UIC-031

Notice was sent to the following:

Newspaper Agency  
San Juan Record

Superior Oil Company  
PO Drawer G,  
Cortez, Colorado 81321

Utah Department of Health  
Bureau of Water Pollution Control  
Attn: Jerry Riding  
Room 410  
150 West North Temple  
Salt Lake City, UT 84103

Bureau of Land Management  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

U.S. Environmental Protection Agency  
Attn: Mike Strieby  
1860 Lincoln Street  
Denver, CO 80295

Navajo Tribe  
Navajo Area Office  
Window Rock, AZ 85616

*Marlene Carlson*  

---

*Jan 24, 1984*

To ~~Marlayne~~ Jack

Bo Andrews

superior oil

303 - 565 - 3733

Please Call

~~1111~~ p 1

W/ 5700. ~~ps/d - vac~~  
3000 ps, 2K  
500 work -

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

IN THE MATTER OF THE APPLICATION )  
OF SUPERIOR OIL COMPANY, FOR )  
ADMINISTRATIVE APPROVAL TO INJECT )  
WATER INTO WELL NO. 27-14, SECTION ) CAUSE NO. UIC-031  
27, TOWNSHIP 41 SOUTH, RANGE 26 )  
EAST, SAN JUAN COUNTY, UTAH. )

-----  
THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS,  
PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS,  
PARTICULARLY IN SAN JUAN COUNTY, UTAH:

NOTICE IS HEREBY GIVEN THAT Superior Oil Company, P.O. Drawer "G",  
Cortez, Colorado 81321, is requesting that the Division authorize the  
approval to convert the well mentioned below, to a water injection  
well as follows:

Township 51 South, Range 26 East

Sec. 27, # 27-14 SW SW

INJECTION ZONE: Lower Ismay Formation 5726' to 5779'

MAXIMUM INJECTION PRESSURE: 3,000 psi, Working pressure 2,500 psi

MAXIMUM INJECTION RATE: on vacuum - 5,700 B/D

This application will be granted unless objections are filed with  
the Division of Oil, Gas and Mining within fifteen days after publication  
of this Notice. Objections if any, should be mailed to: Division of  
Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City,  
Utah 84114.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

*Marjorie Larson*  
*for*

MARJORIE L. LARSON  
Administrative Assistant

# Affidavit of Publication

ADM-35B

STATE OF UTAH,  
County of Salt Lake

SS.

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

BEFORE THE DIVISION OF OIL, GAS AND MINING  
 Room 4241 State Office Building  
 Salt Lake City, Utah 84114  
 CAUSE NO. UIC-031  
 IN THE MATTER OF THE APPLICATION OF SUPERIOR OIL COMPANY, FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO WELL NO. 27-14, SECTION 27, TOWNSHIP 41 SOUTH, RANGE 26 EAST, SAN JUAN COUNTY, UTAH.

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN SAN JUAN COUNTY, UTAH: NOTICE IS HEREBY GIVEN THAT Superior Oil Company, P.O. Drasler "G", Cortez, Colorado 81321, is requesting that the Division authorize the approval to convert the well mentioned below, to a water injection well as follows:

Township 51 South,  
 Range 26 East,  
 Sec. 27, # 27-14 SW SW  
 INJECTION ZONE: Lower Ismay Formation 5726' to 5779'  
 MAXIMUM INJECTION PRESSURE: 3,000 psi, Working pressure 2,500 psi  
 MAXIMUM INJECTION RATE: on vacuum 5,700 B/D

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City, Utah 84114.

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

B-55

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

That the legal notice of which a copy is attached hereto  
 .... Cause No. UIC-031 - Application of Superior Oil .....  
 .... Company .....

.....  
 .....  
 .....  
 .....  
 was published in said newspaper on .....  
 .... January 31, 1984 .....

*Cheryl Gierloff*  
 Legal Advertising Clerk

Subscribed and sworn to before me this ..... 13th ..... day of  
 ..... February ..... A.D. 1984 .....

*S. County*  
 .....  
 Notary Public

My Commission Expires  
 .....  
 October 1, 1986 .....

# Affidavit of Publication

20292 M. 358

STATE OF UTAH,  
County of Salt Lake

SS.

Cheryl Gierloff

BEFORE THE DIVISION OF OIL, GAS AND MINING  
 Room 4241 State Office Building  
 Salt Lake City, Utah 84114  
 CAUSE NO. UIC-031

IN THE MATTER OF THE APPLICATION OF SUPERIOR OIL COMPANY, FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO WELL NO. 27-14, SECTION 27, TOWNSHIP 41 SOUTH, RANGE 26 EAST, SAN JUAN COUNTY, UTAH.

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN SAN JUAN COUNTY, UTAH: NOTICE IS HEREBY GIVEN THAT Superior Oil Company, P.O. Drawer "G", Cortez, Colorado 81321, is requesting that the Division authorize the approval to convert the well mentioned below, to a water injection well as follows:

Township 51 South,  
 Range 26 East  
 Sec. 27, # 27-14 SW SW  
 INJECTION ZONE: Lower Ismay Formation 5726' to 5779'

MAXIMUM INJECTION PRESSURE: 3,000 psi, Working pressure 2,500 psi  
 MAXIMUM INJECTION RATE: on vacuum 5,700 B/D

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City, Utah 84114.

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

B-55

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

That the legal notice of which a copy is attached hereto

Cause No. UIC-031 - Applicaton of Superior Oil  
Company

was published in said newspaper on

January 31, 1984

*Cheryl Gierloff*  
Legal Advertising Clerk

Subscribed and sworn to before me this 13th day of February, A.D. 1984

*[Signature]*  
Notary Public

My Commission Expires

October 1, 1986

# AFFIDAVIT OF PUBLICATION

## PUBLIC NOTICE

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

IN THE MATTER OF THE AP-  
PLICATION OF SUPERIOR OIL  
COMPANY, FOR ADMINISTRA-  
TIVE APPROVAL TO INJECT  
WATER INTO WELL NO. 27-14,  
SECTION 27, TOWNSHIP 41  
SOUTH, RANGE 26 EAST, SAN  
JUAN COUNTY, UTAH.

\*\*\*

CAUSE NO. UIC-031

THE STATE OF UTAH TO  
ALL PERSONS, OWNERS, PRO-  
DUCERS, OPERATORS, PUR-  
CHASERS AND TAKERS OF OIL  
AND GAS AND ALL OTHER  
INTERESTED PERSONS, PAR-  
TICULARLY IN SAN JUAN  
COUNTY, UTAH:

NOTICE IS HEREBY GIVEN  
THAT Superior Oil Company,  
P. O. Drawer "G", Cortez,  
Colorado 81321, is requesting that  
the Division authorize the  
approval to convert the well  
mentioned below, to a water in-  
jection well as follows:

Township 41 South, Range 26 East

Sec. 27, # 21-14 SW SW

INJECTION ZONE: Lower

Ismay Formation 5726' to 5720'



ING

I, Joyce Martin, being duly sworn,  
depose and say that I am the publisher of the San  
Juan Record, a weekly newspaper of general circulation  
published at Monticello, Utah, every Thursday; that  
notice of Cause UIC-031, Superior Oil

a copy of which is hereunto attached, was published in  
the regular and entire issue of each number of said  
newspaper for a period of 1 issues, the first  
publication having been made on February 1, 1984  
and the last publication having been made on \_\_\_\_\_

Signature Joyce A. Martin  
Publisher

Subscribed and sworn to before me this 1st  
day of February, A.D. 1984.

Liquid K Adams  
Notary Public  
Residing at Monticello, Utah  
December 2, 1987

My commission expires \_\_\_\_\_

# AFFIDAVIT OF PUBLICATION

## PUBLIC NOTICE

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

IN THE MATTER OF THE AP-  
PLICATION OF SUPERIOR OIL  
COMPANY, FOR ADMINISTRA-  
TIVE APPROVAL TO INJECT  
WATER INTO WELL NO. 27-14,  
SECTION 27, TOWNSHIP 41  
SOUTH, RANGE 26 EAST, SAN  
JUAN COUNTY, UTAH.

\* \* \*

CAUSE NO. UIC-031

THE STATE OF UTAH TO  
ALL PERSONS, OWNERS, PRO-  
DUCERS, OPERATORS, PUR-  
CHASERS AND TAKERS OF OIL  
AND GAS AND ALL OTHER  
INTERESTED PERSONS, PAR-  
TICULARLY IN SAN JUAN  
COUNTY, UTAH:

NOTICE IS HEREBY GIVEN  
THAT Superior Oil Company,  
P. O. Drawer "G", Cortez,  
Colorado 81321, is requesting that  
the Division authorize the  
approval to convert the well  
mentioned below, to a water in-  
jection well as follows:

Township 41 South Range 26 East

Sec. 27, # 27-14 SW SW

INJECTION ZONE: Lower

Ismap Formation 5726' to 5779'

I, Joyce Martin, being duly sworn,  
depose and say that I am the publisher of the San  
Juan Record, a weekly newspaper of general circulation  
published at Monticello, Utah, every Thursday; that  
notice of Cause UIC-037, Superior Oil

a copy of which is hereunto attached, was published in  
the regular and entire issue of each number of said  
newspaper for a period of 1 issues, the first  
publication having been made on February 1, 1984  
and the last publication having been made on \_\_\_\_\_

Signature

Joyce A. Martin  
Publisher

Subscribed and sworn to before me this 1st  
day of February, A.D. 1984.

Ingrid K Adams  
Notary Public  
Residing at Monticello, Utah

My commission expires December 2, 1987



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

March 2, 1984

Superior Oil Company  
PO Drawer "G"  
Cortez, CO 81321

RE: Injection Well Approval  
Cause No. UIC-031  
Navajo "C" #27-14  
Section 27, T41S, R26E  
San Juan County, Utah

Gentlemen:

Administrative approval is hereby granted for the above referenced well to be used as a water injection well. This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions, please call.

Best Regards,

A handwritten signature in cursive script, appearing to read "Dianne R. Nielson".

Dianne R. Nielson  
Director

DNR/~~GM~~/mfp

April 2, 1984

Superior Oil Company  
P. O. Drawer G  
Cortez, Colorado 81231

RE: Well No. Sentinel Peak 27-14  
SWSW Sec. 27, T. 41S, R. 26E  
718' PSL, 1078' PML  
San Juan County, Utah

Gentlemen:

Approval to re-enter the above referenced well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify E. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-5068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Superior Oil Company  
Well No. Sentinel Peak 27-14  
April 2, 1984  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-20292.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals  
Bureau of Indian Affairs

Enclosures

APPLICATION NO. 84-09-21  
DISTRIBUTION SYSTEM N.A.

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use

RECEIVED

## STATE OF UTAH

SEP 19 1984

(To Be Filed in Duplicate)

STATE ENGINEER  
PRICE, UTAH

Cortez, Colorado ..... September 14 ..... 1984 .....  
Place Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use (Strike out written matter not needed) of water, the right to the use of which was acquired by 29718(a-3777), 09-229, Cert. No. 8446 .....  
(Give No. of application, title and date of Decree and Award No.)  
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

- The owner of right or application is The Superior Oil Company.....
- The name of the person making this application is same as above.....
- The post office address of the applicant is P. O. Drawer 'G', Cortez, Colorado 81321.....

### PAST USE OF WATER

- The flow of water which has been used in second feet is 6.45.....
- The quantity of water which has been used in acre feet is.....
- The water has been used each year from January 1 to December 31 ..... incl.  
(Month) (Day) (Month) (Day)
- The water has been stored each year from..... to..... incl.  
(Month) (Day) (Month) (Day)
- The direct source of supply is unground water (22 wells) in San Juan ..... County.
- The water has been diverted into.....  
ditch canal at a point located see attached sheet.....
- The water involved has been used for the following purpose: secondary oil recovery.....

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

### THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

- The flow of water to be changed in cubic feet per second is.....
- The quantity of water to be changed in acre-feet is 2.0.....
- The water will be diverted into the a tank truck .....  
ditch canal at a point located see attached sheet from the collection point of the wells listed on the attachment.....
- The change will be made from October 1 ..... 1984 ..... to October 1 ..... 1985.....  
(Period must not exceed one year)
- The reasons for the change are source of water for redrilling an existing well.....
- The water involved herein has heretofore been temporarily changed 0 ..... years prior to this application.

(List years change has been made)

- The water involved is to be used for the following purpose: exploratory drilling fluid for a well to be redrilled at the following location - 718' FSL, 1078' FWL Sec. 27, T41S, R26E SLM, San Juan County, Utah .....  
Total..... acres.

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

### EXPLANATORY

Paragraph #17 continued:  
Sentinel Peak 27-14 N 718 ft & E. 1078 ft from SW corner Section 27, T41S, R26E SLM SLB&M

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

W. H. Edwards  
Special Projects Superintendent  
Signature of Applicant

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$5.00. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No. (River System)

- 1. Application received by Water Commissioner (Name of Commissioner)
Recommendation of Commissioner
2. SEPT 19, 1984 Application received over counter by mail in State Engineer's Office by
3. Fee for filing application, \$5.00, received by ; Rec. No.
4. Application returned, with letter, to , for correction.
5. Corrected application resubmitted over counter by mail to State Engineer's Office.
6. Fee for investigation requested \$
7. Fee for investigation \$ , received by : Rec. No.
8. Investigation made by ; Recommendations:
9. Fee for giving notice requested \$
10. Fee for giving notice \$ , received by : Rec. No.
11. Application approved for advertising by publication mail by
12. Notice published in
13. Notice of pending change application mailed to interested parties by as follows:
14. Change application protested by (Date Received and Name)
15. Hearing set for , at
16. 9-19-84 Application recommended for rejection approval by
17. 9-24-84 Change Application rejected approved and returned to Applicant

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

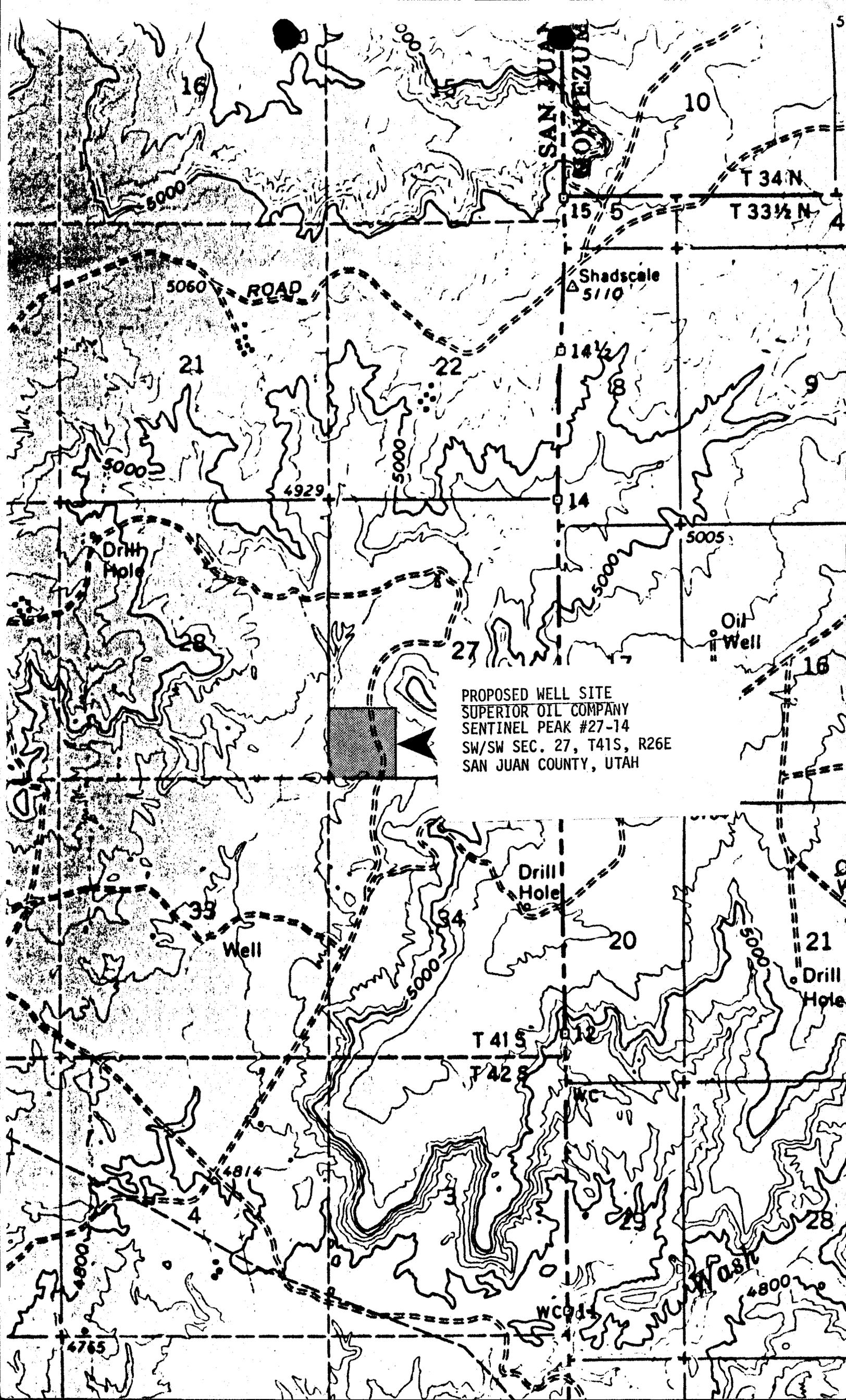
- 1.
2.
3.

Mark Page - State Engineer
FOR State Engineer

Point of diversion and Method of diversion:

<u>Well</u>	<u>Point of Diversion</u>	<u>Diameter</u>	<u>Depth</u>
1 - N. 2142 ft. E. 437 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		8-inch	34 ft.
2 - N. 1978 ft. E. 682 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	29 ft.
3 - N. 1805 ft. E. 930 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	29 ft.
4 - N. 1605 ft. E. 1150 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	26 ft.
5 - N. 1400 ft. E. 1382 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	26 ft.
6 - N. 1178 ft. E. 1582 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	28 ft.
7 - N. 935 ft. E. 1711 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	29 ft.
8 - N. 741 ft. E. 1950 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	28 ft.
9 - N. 650 ft. E. 2028 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	29 ft.
10 - N. 582 ft. E. 2500 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	29 ft.
11 - N. 541 ft. E. 2490 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	28 ft.
12 - N. 752 ft. E. 2290 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	28 ft.
13 - S. 2050 ft. W. 145 ft. from NE Cor. Sec. 18, T41S, R25E, SLBM		12-inch	24 ft.
14 - S. 2028 ft. W. 418 ft. from NE Cor. Sec. 18, T41S, R25E, SLBM		12-inch	23.5 ft.
15 - S. 2217 ft. E. 105 ft. from NW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	28 ft.
16 - S. 2482 ft. E. 222 ft. from NW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	29 ft.
17 - N. 2500 ft. E. 302 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	29 ft.
18 - N. 765 ft. E. 2380 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	28.5 ft.
19 - Abandoned			
20 - N. 982 ft. E. 1902 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	28.5 ft.
21 - Abandoned			
22 - Abandoned			
Pit- S. 1740 ft. W. 640 ft. from NE Cor. Sec. 18, T41S, R25E, SLBM			
23 - N. 650 ft. E. 2028 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	28 ft.
24 - N. 755 ft. E. 1783 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	61 ft.
25 - N. 590 ft. E. 2337 ft. from SW Cor. Sec. 17, T41S, R25E, SLBM		12-inch	28 ft.

Wells # 1-12, 15-18, 20, 23-25 SEC 17, T41S, R25E  
 # 13, 14 SEC 18, T41S, R25E



SAN JUAN COUNTY

Shadscale 5110

PROPOSED WELL SITE  
SUPERIOR OIL COMPANY  
SENTINEL PEAK #27-14  
SW/SW SEC. 27, T41S, R26E  
SAN JUAN COUNTY, UTAH

Drill Hole

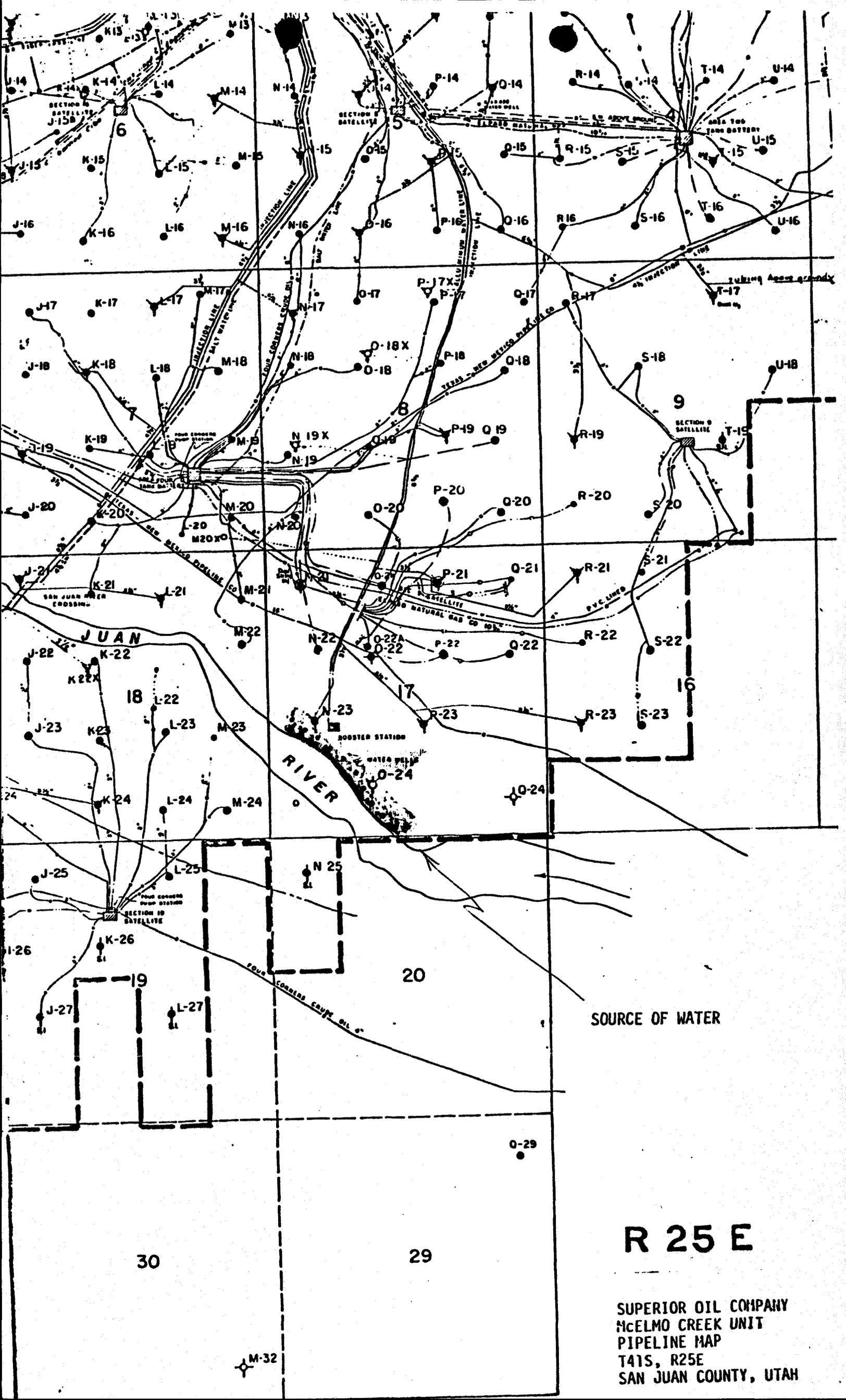
Well

Drill Hole

T 41 S  
T 42 S

WC 11

WC 11



SOURCE OF WATER

R 25 E

SUPERIOR OIL COMPANY  
 McELMO CREEK UNIT  
 PIPELINE MAP  
 T41S, R25E  
 SAN JUAN COUNTY, UTAH

30

29

M-32



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dee C. Hansen, State Engineer

453 South Carbon Avenue • P.O. Box 718 • Price, UT 84501 • 801-637-1303

September 24, 1984

The Superior Oil Company  
Attn: Bill Edwards  
P.O. Drawer G  
Cortez, Colorado 81321

Re: Temporary Change Application 84-09-21

Dear Mr. Edwards:

The above referenced Temporary Change Application has been approved.  
A copy is herewith enclosed for your records and information.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Mark P. Page".

Mark P. Page  
Area Engineer  
for Dee C. Hansen, P.E.  
State Engineer

Enclosure

DCH/MPP/mjk

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

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

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

5. LEASE DESIGNATION AND SERIAL NO.  
N00-C-14-20-5118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SENTINEL PEAK

9. WELL NO.

#27-14

10. FIELD AND POOL, OR WILDCAT

SENTINEL PEAK

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

SEC. 27, T41S, R26E

14. PERMIT NO.

43-037-20292

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

4906' GR

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

16.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

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)

Drilling Operations

(Other)

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

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

- 11-28-84: MIRU drilling rig. Weld on 10" X 3000 psi drilling flange. NU and test BOP's. Drilled rat holes.
- 11-29-84: PU 8-3/4" bit & drill collars. Tag cement plug at 360'. Drilled out cement. Circulated and conditioned mud. Washed and reamed hole. Drilled out cement plugs 1306-89', 2710-37'.
- 11-30-84: Drilled out cement plug 2810-60'. Circulated and conditioned mud. Washed and reamed hole to 4482'.
- 12-1-84: Washed and reamed hole. Circulated and conditioned mud. Drilled cement plug 5773-5820'.
- 12-2-84: Circulated and conditioned hole. Ran FDC-CNL-GR-CAL log from 5808-4360'. Ran caliper to surface.
- 12-3-84: Circulated and conditioned hole. Ran 5-1/2" 15.5#/ft K-55 csg to TD - 5820'. (DV tool at 1610'). Cemented 5-1/2" csg in two (2) stages as follows:  
 1st stage: Pumped 800 gals mud sweep + 595 sx (678 cu.ft) Class 'B' cmt w/ 1.7% D-79 + 3% R5. Est TOC: 4600'  
**NOTE: TOC will be determined with CBL-VDL log.**  
 2nd stage: Dropped bomb & opened DV tool. Pumped 819 sx (1318 cu.ft.) B.J. Lite w/ 10#/sx Gilsonite + .4% A-2 LoDense & 50 sx (58 cu.ft) Class 'B' cmt w/ 2% CaCl. Circulated cmt to surface.
- 12-3-84: ND BOP's. RDMO.

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

SIGNED

*James S. Andres*  
James S. Andres

TITLE

Petroleum Engineer

DATE

12-15-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.  
N00-C-14-20-5118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
SENTINEL PEAK

9. WELL NO.  
#27-14

10. FIELD AND POOL, OR WILDCAT  
SENTINEL PEAK

11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA  
SEC. 27, T41S, R26E

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

OIL WELL  GAS WELL  OTHER  WATER DISPOSAL

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR  
P.O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1078' FWL, 618' FSL, SEC. 27 SWSE

14. PERMIT NO.  
43-037-20292

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4906' GR

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

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

12-5-84: MIRU workover rig. PU & RIH w/ 4-3/4" bit, scraper & 2-7/8" tubing. Tagged DV at 1581'.

12-6-84: Drilled out DV tool. Pressure test casing to 1500 psi. PU 2-7/8" tbg. Tagged top of cmt at 5740'. Drilled out cement to PBD of 5790' (driller).

12-7-84: POH w/ 2-7/8" tbg scraper & bit. MIRU wireline unit. Ran GR/CBL/VDL/CCL from PBD of 5787' (logger) to 4600'. Cement top at 4750'. Ran CBL from 1700' to 300'. POH. RIH w/ 4" csg gun. Perf'd Lower Ismay (5734-75'/ 2 JSPF). RDMO wireline unit. RIH w/ packer and 2-7/8" tbg.

12-10-84: Acidized Lower Ismay perfs w/ 3000 gals 28% MSR. Swabbed back 150 bbls load.

12-11-84: Acidized Lower Ismay perfs w/ 5000 gals Super-X-Emulsion & 3500# rock salt. Swabbed and recovered 120 bbls load.

12-12-84: Swabbed.

12-13-84: Laid down 2-7/8" tbg & packer.

12-14-84: PU & RIH w/ 5-1/2" plastic coated packer & 2-7/8" plastic coated tbg. Filled annulus w/ 90 bbls inhibited fresh water. Set packer at 5684'. Landed tbg, made up wellhead. RDMO. Waiting on surface facilities - well shut-in.

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

SIGNED James S. Andres TITLE Petroleum Engineer DATE 1-17-85

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other Water Disposal

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other Re-entry

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR  
P. O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1078' FWL, 618' FSL SEC. 27 SWSE  
At top prod. interval reported below  
Same  
At total depth  
Same

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

RECEIVED  
JAN 24 1985  
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
N00-C-14-20-5118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
SENTINEL PEAK

9. WELL NO.  
#27-14

10. FIELD AND POOL, OR WILDCAT  
GREATER ANETH

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA  
SEC. 27, T41S, R26E

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

15. DATE SPUDDED 11-28-84 16. DATE T.D. REACHED 12-2-84 17. DATE COMPL. (Ready to prod.) 12-14-84 18. ELEVATIONS (DF, RKB, BT, OR, ETC.)\* GR: 4906' 19. ELEV. CASINGHEAD 4907'

20. TOTAL DEPTH, MD & TVD 5820' 21. PLUG, BACK T.D., MD & TVD 5787' (logger) 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY Rotary ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Lower Ismay 5734-75'

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
FDC-CNL-GR-CAL CBL-VDL-GR-CCL

27. WAS WELL CORED  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#/ft	324'	17-1/2"	200 sx Class A cmt to surface	Sept '67
5-1/2"	15.5#/ft	5820'	8-3/4"	1st stage - 678 ft <sup>3</sup> Class 'B'	
				2nd stage - 1318 ft <sup>3</sup> B.J. Lite + 48 ft <sup>3</sup> Class 'B' to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5684'	5684'

31. PERFORATION RECORD (Interval, size and number)

Lower Ismay 5734-75' 1/2 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5734-75'	3000 gals 28% MSR
	5000 gals Super-X-Emulsion

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in)  
Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED James S. Andres TITLE Petroleum Engineer DATE 1-17-85

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Lower Ismay	5728'	5777'	Limestone & Dolomite	Navajo Chinle Shinarump DeChelly Organ Rock Hermosa Ismay Lower Ismay Gothic Shale	1123' 1550' 2783' 2924' 2995' 4697' 5668' 5728' 5777'	

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW  
 \* \* \* \* \*

Operator: Superior Oil (Mobil) Well No. 27-14  
 County: San Juan T 41S R 26E Sec. 27 API# 43-037-20292  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well   
Re-entry

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	_____	<input checked="" type="checkbox"/>
Plat including <u>Surface Owners</u> , Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<u>NO leaseholders surrounding?</u>
Schematic Diagram	_____	<input checked="" type="checkbox"/>
Fracture Information	_____	<input checked="" type="checkbox"/>
Pressure and Rate Control	_____	<input checked="" type="checkbox"/>
Adequate Geologic Information	_____	<input checked="" type="checkbox"/>
Fluid Source	_____	<u>?</u>
Analysis of Injection Fluid	Yes _____ No <input checked="" type="checkbox"/>	TDS _____
Analysis of Water in Formation to be injected into	Yes _____ No <input checked="" type="checkbox"/>	TDS _____
Known USDW in area	<u>Navajo</u>	Depth <u>TP 1123'</u>
Number of wells in area of review	<u>2</u> Prod. <u>2</u> P&A _____	Water _____ Inj. _____
Aquifer Exemption	Yes _____ NA <input checked="" type="checkbox"/>	
Mechanical Integrity Test	Yes <input checked="" type="checkbox"/> No _____	
	Date <u>10/6/84</u>	Type <u>PT casing</u>

Comments: SOME question whether disposal or enhanced rec. well?  
Area shows any bordering leaseholders and were they notified?  
Doesn't appear to be any danger to fresh water.

Reviewed by: [Signature] 4/9/85

FORM NO. DOGM-UIC-5  
(1981)

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 8414  
(801) 533-5771

RULE I-7 (d & e)

NOTICE OF COMMENCEMENT (TERMINATION) OF INJECTION  
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/ ~~Termination~~

1/24/85

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name SENTINEL PEAK #27-14

Location: Section 27 Twp. 41S Rng. 26E, County SAN JUAN

Order No. authorizing Injection UIC-031 Date 3/2/84

Zone into Which Fluid Injected LOWER ISMAY

If this is a Notice of Termination of injection, please indicate date well commenced injection. \_\_\_\_\_

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval \_\_\_\_\_

Operator SUPERIOR OIL COMPANY

Address P.O. DRAWER 'G' CORTEZ, COLORADO 81321

James S. Andrews  
Signature

4/11/85  
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

Copied 5/20/87

Form 3160-5  
(November 1983)  
(Formerly 9-331)

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

5. LEASE DESIGNATION AND SERIAL NO.  
*N00-C-14-20-511B*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

*Navajo*

7. UNIT AGREEMENT NAME

-

8. FARM OR LEASE NAME

*Sentinel Peak*

9. WELL NO.

*27-14*

10. FIELD AND POOL, OR WILDCAT

*Sentinel Peak*

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

*Sec 27, T41S, R26E, S1M*

12. COUNTY OR PARISH

*San Juan*

13. STATE

*Utah*

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER *Water Disposal*

2. NAME OF OPERATOR  
*Mobil Oil Corporation*

3. ADDRESS OF OPERATOR  
*P.O. Drawer G*

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

*1078' FWL, 618' FSL*

14. PERMIT NO.  
*43-037-20292*

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
*GR: 4900'*

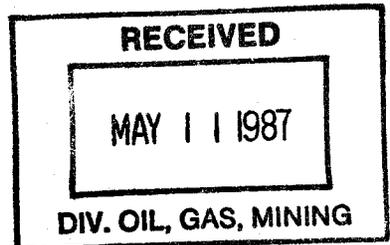
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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

*3-31-87 Shut-in injection. Pumped 550 gals inhibited 15% Hel mixed w/ 28 gals DP-7MX mutual solvent. Displaced w/ 36.6 bbls injection water and shut in for one hr. Backflowed well into 300 bbl tank recovered 80 bbls. Returned well to injection.*



18. I hereby certify that the foregoing is true and correct  
SIGNED *[Signature]* TITLE *Sr Staff Op Engr* DATE *5.5.87*

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN \_\_\_\_\_

SDW

SUNDRY NOTICES AND REPORTS ON WELLS

**RECEIVED**  
JUL 1 1988

1. Oil Well (X) Gas Well ( ) Other ( )

2. Name Of Operator

Mobil Oil Corporation

3. Address Of Operator

P. O. Box 5444, Denver, CO 80217-5444

4. Location Of Well

618 FSL, 1078 FWL Sec. 27, T41S, R26E SLM

DIVISION OF  
OIL, GAS & MINING

5. Lease Designation And Serial No

NDD-C-14-20-5118

6. Indian, Allottee Tribe Name

NAVAJO

7. Unit Agreement Name

8. Farm Or Lease Name

Sentinel Peak

9. Well No.

27-14

10. Field And Pool, Or Wildcat

Sentinel Peak

11. Sec., T., R.,

Sec 27, T41S, R26E SLM

14. Permit No.

43-037-20292

15. Elevation 4906 GR

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 : : Pull Or Alter Casing : :  
Fracture Treat : : Multiple Complete : :  
Shoot Or Acidize : : Abandon : :  
Repair Well : : Change Plans : :  
(Other) \_\_\_\_\_ : :

Water Shut-off : : Repairing Well : :  
Fracture Treatment : : Altering Casing : :  
Shooting Or Acidizing : : Abandonment : :  
(Other) SALE OF PROPERTY : :

17. Describe Proposed Or Completed Operations

Effective May 1, 1988 this lease, including the reference well was sold to:

Pioneer Oil & Gas  
6925 Union Park Center  
Suite 145  
Midvale, Utah 84047

560-3000

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2-MICROFILM	✓
3-FILE	

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

Signed S. R. Myrland

Title Mgr., Regulatory Compliance Date June 28, 1988

Approved By \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

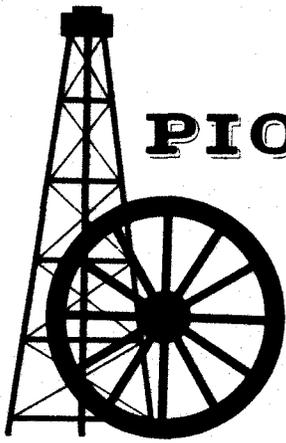
Conditions Of Approval If Any:

Mag. Max  
Noise

Conditions

- 1580 psi  $\rightarrow$  frac. date Styringer
- SWAD

$$.75 \times \text{depth} - (.43 \times \text{depth})$$



# PIONEER OIL & GAS

**RECEIVED**  
OCT 27 1988

DIVISION OF  
OIL, GAS & MINING

October 26, 1988

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

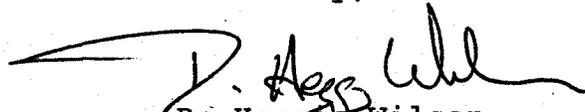
Attn: Stephen Mason

Re: Water Disposal Well #27-14  
Sec. 27-T41S-26E  
San Juan County, Utah

Gentlemen:

Enclosed herewith please find five (5) signed copies of a Sundry Notice pertaining to Pioneer's proposed plans for disposal of water in the Sentinel Peak area.

Sincerely,

  
R. Heggie Wilson  
Land Manager

RHW/tbp

Enc.

cc: State of Utah  
3 Triad Center, #300  
SLC, UT 84180-1204

**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

5. LEASE DESIGNATION AND SERIAL NO.  
**NOO-C-14-20-5118**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Navajo**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Sentinel Peak**

9. WELL NO.

**#27-14**

10. FIELD AND POOL, OR WILDCAT

**Sentinel Peak**

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

**Sec. 27-T41S-R26E**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

1.  OIL WELL  GAS WELL  OTHER **Water Disposal Well**

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

3. ADDRESS OF OPERATOR  
**6925 Union Park Ctr, #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

**1078' FWL and 618" FSL, Sec. 27**

14. PERMIT NO.

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

**4906 Gr., 4918 KB**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) **Change water disposal zone**

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

It is proposed to change the zone in which produced water is currently being disposed of in the Lower Ismay formation to a zone uphole in the Honaker Trail formation, both of which are within the Hermosa Group.

This well is currently disposing of produced water back into the producing horizon causing excess water production.

The procedure is to be as follows:

- 1) Set a cast iron bridge plug at 5700 feet (30' above existing perforations) and dump 5 sacks of cement on top to seal off the current injection zone.
- 2) Perforate the porosity zones from 4938 to 4948 and 4968 to 5006 with 4 shots/foot.
- 3) Acidize perforations with 1000 gal. 15% HCL to clean out cement around wellbore.
- 4) Run tubing with injection packer to 4930'. Set packer at 4925'± and begin water injection into new zone.

**Note: Cement bond log on well indicates good cement behind pipe to 4740'.**

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

SIGNED

*Jason G. Blake*  
**Jason G. Blake**

TITLE **Field Operations Mgr.**

DATE **10-26-88**

(This space for Federal or State office use)

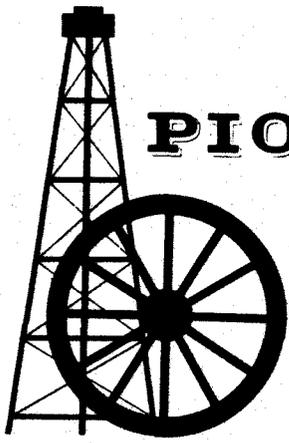
APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**\*See Instructions on Reverse Side**



# PIONEER OIL & GAS

February 16, 1989

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

Attn: Stephen Mason

Re: Water Disposal Well  
Section 27-T41S-R26E  
San Juan County, Utah

Dear Mr. Mason:

Please find enclosed 5 signed copies of a Sundry Notice pertaining to the acid stimulation of the Sentinel Peak #27-14 injection well in Section 27-T41S-R23E, San Juan County, Utah.

Sincerely,

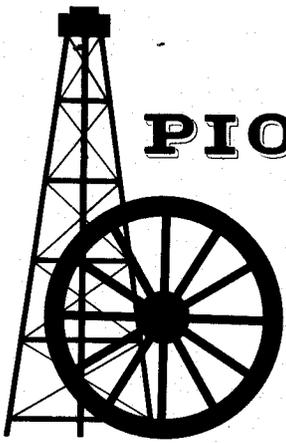
A handwritten signature in cursive script, appearing to read "Jason G. Blake".

Jason G. Blake  
Field Operations Manager

JGB/tp

Enc.

cc: State of Utah  
3 Triad Center, #300  
SLC, UT 84180-1204



# PIONEER OIL & GAS

**RECEIVED**  
JAN 18 1989

DIVISION OF  
OIL, GAS & MINING

January 17, 1989

Ronald Firth  
Division of Oil, Gas & Mining  
3 Triad Center  
Suite 350  
SLC, UT 84180-1203

Dear Mr. Firth:

Please find enclosed three copies of a Sundry Notice pertaining to the proposed acid stimulation of the Sentinel Peak #27-14 injection well in San Juan County, Utah.

This stimulation is needed to clean up the formation around the wellbore because the well has been exhibiting slightly elevated injection pressures.

If you should have any questions concerning the above proposed work, please don't hesitate to call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jason G. Blake".

Jason G. Blake  
Field Operations Manager

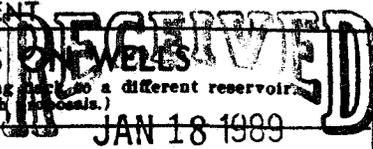
JGB/tbp

Enc.

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

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Injection Well		5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-5118
2. NAME OF OPERATOR Pioneer Oil & Gas		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR 6925 Union Park Ctr, Suite 145, Midvale, Utah 84047		7. UNIT AGREEMENT NAME -----
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1078' FWL, 618' FSL		8. FARM OR LEASE NAME Sentinel Peak
14. PERMIT NO. 43-037-20292		9. WELL NO. 27-14
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4906 Gr.		10. FIELD AND POOL, OR WILDCAT Sentinel Peak Field
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 27-T41S-R26E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

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

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

(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 proposes to stimulate the well as follows:

- 1) Shut in injection.
- 2) Pump 750 gallons of inhibited 15% HCL with 30 gallons DP-TIMX mutual solvent.
- 3) Displace with 40 bbls. of injecton water and shut in for 2 hours.
- 4) Backflow well into tank.
- 5) Return well to injection

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

**Date:** January 24, 1989

**By:** For Record Purposes Only

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

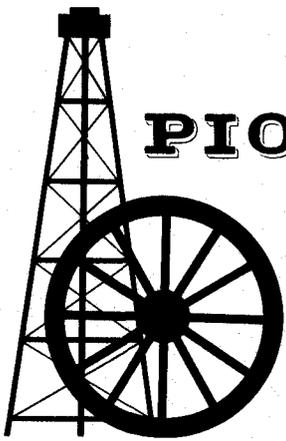
SIGNED Jason G. Blake TITLE Field Operations Mgr. DATE 1-16-89

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



# PIONEER OIL & GAS

**RECEIVED**  
FEB 17 1989

February 16, 1989

DIVISION  
OIL, GAS & MINING

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

Attn: Ronald J. Firth

Re: Water Disposal Well  
Section 27-T41S-R26E  
San Juan County, Utah

Dear Mr. Firth:

Please find enclosed 3 signed copies of a Sundry Notice pertaining to the acid stimulation of the Sentinel Peak #27-14 injection well in Section 27-T41S-R23E, San Juan County, Utah.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jason G. Blake".

Jason G. Blake  
Field Operations Manager

JGB/tbp

Enc.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate\*  
(Other instructions on re-  
verse 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 wells into a different reservoir.  
Use "APPLICATION FOR PERMIT TO DRILL" for such proposals.)

RECEIVED  
FEB 17 1989

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Injection Well		5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-5118
2. NAME OF OPERATOR Pioneer Oil & Gas		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR 6925 Union Park Ctr., Suite 145, Midvale, UT 84047		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1078' FWL, 618' FSL		8. FARM OR LEASE NAME Sentinel Peak
14. PERMIT NO. 43-037-20292	15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4906 Gr.	9. WELL NO. 27-14
		10. FIELD AND POOL, OR WILDCAT Sentinel Peak
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27-T41S-R26E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

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

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

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

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

The Sentinel Peak #27-14 Injection well was stimulated on January 19, 1989 as follows:

- 1) Shut in injection. MIRU Dowell
- 2) Established inj. rate-Pumped 750 gallons 15% HCL mixed with 2 gallons R-250 inhibitor, 2 gallons F-78 surfactant, 5 gallons U-42 iron agent and 19 gallons U-66 mutual solvent
- 3) Average injection rate: 2 1/2 barrels per minute  
Average treating pressure: 2100#
- 4) Displaced with 38 barrels injection water and shut in for 1 hour.
- 5) Backflowed well-recovered 80 barrels.
- 6) Returned well to injection.

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

SIGNED Jason G. Blake TITLE Field Operations Mgr. DATE 2-16-89

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on re-  
verse side.)

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.)

OIL WELL  GAS WELL  OTHER Disposal Well

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 applicable requirements.\*  
See also space 17 below.)  
At surface

1078' FWL, 618' FSL

14. PERMIT NO.  
43-037-20292

15. ELEVATIONS (Show whether DF, RT, CR, etc.)  
4906 Gr

RECEIVED  
JUL 28 1989

DIVISION OF  
OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
N00-C-14-20-5118  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Sentinel Peak  
9. WELL NO.  
27-14  
10. FIELD AND POOL, OR WILDCAT  
Sentinel Peak  
11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
Sec. 27: T41S-R26E  
12. COUNTY OR PARISH | 13. STATE  
San Juan | Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

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

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

Pioneer is proposing to acidize the injection well to clean out around wellbore to reduce injection pressures. We propose to acidize with 1700 gal. 20% HCL with 400 gal. 6-77 mutual solvent and 200 gal. xylene.

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

Date: 8-1-89

By: [Signature]

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

SIGNED [Signature] TITLE Field Operations Manager DATE 7-26-89  
Jason G. Blake

(This space for Federal or State office use)

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

Federal Approval of this  
Action is Necessary

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

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

13

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-5118
2. NAME OF OPERATOR Pioneer Oil & Gas		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR 6925 Union Park Center, Suite 145, Midvale, Utah 84047		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1078' FWL, 618' FSL		8. FARM OR LEASE NAME Sentinel Peak
14. PERMIT NO. 43-037-20292	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4906 Gr.	9. WELL NO. #27-14
		10. FIELD AND POOL, OR WILDCAT Sentinel Peak Field
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 27-T41S-R26E
		12. COUNTY OR PARISH San Juan
		13. STATE 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"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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 checked="" 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.)\*

The Sentinel Peak #27-14 injection well was stimulated on 7-27-89 as follows:

- 1) Shut in injection. MIRU Dowell and pressure test lines to 3800 psi.
- 2) Establish injection rate - pumped 5 bbls xylene followed by 41 bbls 20% HCL. Maximum rate-2bbl/min. Maximum treating pressure-580 psi. Acid flushed with 47 bbls water, ISIP: 360 psi, down to 0 psi in 5 min.
- 3) Return well to injection.

OIL AND GAS	
DPN	GLF
JRB	GLH
DTS	SLS
D-TAS	
3- MICROFILM	
DATE RECEIVED 8-25-89	

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

SIGNED Jason G. Blake

TITLE Field Operations Manager

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

*\* Changes made 9-26-90*

Routing:

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
7- LCR	<input checked="" type="checkbox"/>

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 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> <sup>(TSMY)</sup>	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> <sup>(DSCA)</sup>	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> <sup>(DSCA)</sup>	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> <sup>(DSCA)</sup>	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> <sup>(DSCA)</sup>	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> <sup>(TSMY)</sup>	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> <sup>(TSMY)</sup>	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: \_\_\_\_\_.
- 3 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.
- 3 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- 3 6. Cardex file has been updated for each well listed above.
- 3 7. Well file labels have been updated for each well listed above.
- 3 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 3 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)  
 00926 Per DTS re: MEPNA telephone verification (see phone doc.) ok to change (2) wells listed above!

Routing:	
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: SENTINEL PEAK 27-32 (ISM) API: 4303730537 Entity: 06025 Sec 27 Twp 41S Rng 26E Lease Type: INDIAN
- Name: SENTINEL PEAK 27-33 (ISM) API: 4303731029 Entity: 06025 Sec 27 Twp 41S Rng 26E Lease Type: INDIAN
- Name: GOTHIC MESA 6-23 (DSCP) API: 4303715039 Entity: 06008 Sec 6 Twp 41S Rng 23E Lease Type: INDIAN
- Name: GOTHIC MESA 6-34 (DSCP) API: 4303715034 Entity: 06008 Sec 6 Twp 41S Rng 23E Lease Type: INDIAN
- Name: GOTHIC MESA 7-21 (DSCP) API: 4303715036 Entity: 06008 Sec 7 Twp 41S Rng 23E Lease Type: INDIAN
- Name: GOTHIC MESA 7-41 (DSCP) API: 4303715032 Entity: 06008 Sec 7 Twp 41S Rng 23E Lease Type: INDIAN
- Name: GOTHIC MESA 8-12 (DSCP) API: 4303715035 Entity: 06008 Sec 8 Twp 41S Rng 23E Lease Type: INDIAN

CONTINUED-----

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.

Routing:

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)	<u>GIANT EXPLOR. &amp; PROD. CO.</u>	FROM (former operator)	<u>PIONEER OIL AND GAS</u>
(address)	_____	(address)	_____
	_____		_____
	_____		_____
	phone ( ) _____		phone ( ) _____
	account no. <u>N 0075</u>		account no. <u>N 3025</u>

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

Name: <u>GOTHIC MESA 8-33 (DSCR)</u>	API: <u>4303715037</u>	Entity: <u>06008</u>	Sec <u>8</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 8-42 (DSCR)</u>	API: <u>4303715033</u>	Entity: <u>06008</u>	Sec <u>8</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 9-13 (DSCR)</u>	API: <u>4303715041</u>	Entity: <u>06008</u>	Sec <u>9</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>NAVAJO 67-4 (9-24) (DSCR)</u>	API: <u>4303716452</u>	Entity: <u>99990</u>	Sec <u>9</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 16-11 (DSCR)</u>	API: <u>4303715042</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 UNIT 16-13A</u>	API: <u>4303731454 (DSCR)</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 16-22 (DSCR)</u>	API: <u>4303715043</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>

CONTINUED-----

**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.

Routing:

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)	<u>GIANT EXPLOR. &amp; PROD. CO.</u>	FROM (former operator)	<u>PIONEER OIL AND GAS</u>
(address)	_____	(address)	_____
	_____		_____
	_____		_____
	phone ( ) _____		phone ( ) _____
	account no. <u>N 0075</u>		account no. <u>N3025</u>

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

Name: <u>GOTHIC MESA 16-33 (DSCP)</u> <sup>IBM</sup> 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.

**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.)

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 Below

14. PERMIT NO. \_\_\_\_\_ 15. ELEVATIONS (Show whether DF, HT, OR, etc.) \_\_\_\_\_

**RECEIVED**  
AUG 15 1990  
DIVISION OF  
OIL, GAS & MINING

3. LEASE DESIGNATION AND SERIAL NO.  
N00-C-14-20-5118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME  
Sentinel Peak

9. WELL NO. \_\_\_\_\_

10. FIELD AND POOL, OR WILDCAT  
Sentinel Peak

11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA  
Sec. 27: T41S-R26E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

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

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

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

Well Name	Legal Description	Well Type	Status	API Number
No. 27-14	SWSW 27-41S-26E	INJ	P	43-037-20292 -
No. 27-21	NWSE 27-41S-26E	P	OP	43-037-30747 -
No. 27-23	NESW 27-41S-26E	INJ	SI	43-037-31144 <i>MEAN - 47370</i>
No. 27-32	SWNE 27-41S-26E	P	OP	43-037-30537 -
No. 27-33	NWSE 27-41S-26E	P	OP	43-037-31029 -

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

Giant Exploration and Production Company shall therefore be the operator effective August 1, 1990.

Former Operator:  
Pioneer Oil and Gas

New Operator:  
Giant Exploration & Production Company  
PO Box 2810  
Farmington, NM 87499

Signed: Gregg B. Colton  
Gregg B. Colton, Vice President  
Date: July 31, 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. Haggie Wilson TITLE Land Manager DATE July 31, 1990

(This space for Federal or State office use)

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

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

\*See Instructions on Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

RECEIVED  
JAN 23 1995

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

N00-C-14-20-5118

6. If Indian, Allottee or Tribe Name:

Navajo

7. Unit Agreement Name:

8. Well Name and Number:

Sentinel Peak Well #27-14

9. API Well Number:

43-037-20292

10. Field and Pool, or Wildcat:

Sentinel Peak

1. Type of Well: OIL  GAS  OTHER: Injection Well

2. Name of Operator:

Giant Exploration & Production Company

3. Address and Telephone Number:

P.O. Box 2810, Farmington, New Mexico 87499

4. Location of Well

Footages: 1078' FWL, 618' FSL

OO, Sec., T., R., M.: Sec. 27, T41S R26E

County: San Juan

State: Utah

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

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion 01/13/95

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

See Attachment "A".

13.

Name & Signature:

*Gregory E. McIntosh*  
Gregory E. McIntosh

Title: Area Engineer

Date:

JAN 18 1995

(This space for State use only)

Giant Exploration & Production Company  
Sentinel Peak Well No. 27-14

Attachment "A"

- 1/11/95 Set cement retainer at 5680'. Pumped 38 sack (44.8 cuft) plug, 22 sacks (26.0 cuft) below retainer and 16 sacks (18.9 cuft) on top of retainer to cover Desert Creek and Ismay formations. Perforated squeeze holes at 4747'. Set cement retainer at 4700'.
- 1/12/95 Could not pump under retainer. Set 12 sack (14.2 cuft) plug inside casing to cover Hermosa top. Plug inside casing from 4700' to 4594'. Set 18 sack (21.4 cuft) plug inside casing from 1609' to 1450' to cover Chinle top. Set 13 sack (15.3 cuft) plug inside casing from 379' to 264' to cover surface casing shoe.
- 1/13/95 Perforated squeeze holes at 100'. Could not pump into formation. Set 17 sack (20.1 cuft) plug inside casing from 126' to surface. Good cement returns. Cut off wellhead. Installed dry hole marker with 20 sacks of cement.

Note: All cement was Class B cement mixed at 15.6 ppg, 1.18 cuft/sk yield. 8.33 ppg plugging mud was used between cement plugs.

Note: All changes from intent sundry were approved by Jim Walker.

Casing remaining in hole:

Surface casing: 13-3/8", 48#, H-40 to 324'

Production casing: 5-1/2", 15.5#, K-55 to 5820'

BLM representative: Notified 1/10/95 - no representative on location.

Navajo EPA representative: Jim Walker and Charmaine V. Tso

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

MAR - 9 1995

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

NOO-C 12-20-5118

6. If Indian, Allottee or Tribe Name:

Navajo

7. Unit Agreement Name:

1. Type of Well: OIL  GAS  OTHER: Water Injection

8. Well Name and Number:

Sentinel Peak #27-14

2. Name of Operator:

Giant Exploration & Production Company

9. API Well Number:

43-037-20292

3. Address and Telephone Number:

P.O. Box 2810, Farmington, New Mexico 87499 (505)326-3325

10. Field and Pool, or Wildcat:

Sentinel Peak

4. Location of Well

Footages: 1078' FWL, 618' FSL

County: San Juan

OO, Sec., T., R., M.: Sec. 27, T41S, R26E

State: Utah

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

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Annual Status Report:

The Sentinel Peak #27-14 was plugged and abandoned on 01/13/95.

13.

Name & Signature:

*Gregory E. McIntosh*  
Gregory E. McIntosh

Title:

Area Engineer

Date:

MAR 07 1995

(This space for State use only)