

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/ABD. \_\_\_\_\_

\* Location Abandoned - Well never drilled 3-17-82

DATE FILED 1-7-80

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-011879A INDIAN \_\_\_\_\_

DRILLING APPROVED: 1-08-80

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: LA March 17, 1982

FIELD: Gravel Pile Greater Cisco 3/86

UNIT: \_\_\_\_\_

COUNTY: Grand

WELL NO. Harrison Federal 31-1A API NO: 43-019-30589

LOCATION 425' FT. FROM (N) ~~XX~~ LINE. 315' FT. FROM (E) ~~XX~~ LINE. NE NE' 1/4-1/4 SEC. 31

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				20S	24E	31	THOMAS D, HARRISON

6734 Crest Road  
Palos Verdes, Ca.  
90274

December 31, 1979

Mr. Cleon B. Feight, Director  
Utah Division of Oil Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Harrison Fed 31-1A

Dear Mr. Feight:

In accordance with our phone conversation this afternoon, I am enclosing herewith my application to drill the Harrison Federal 31-1A well to the Dakota at a depth of 360 feet. This well would twin the Harrison Federal 31-1, which well was drilled two weeks ago, but is now temporarily suspended, pending a reentry into the Pumpelly-Stava 31-81 (located 30 feet away) in an attempt to re-cement and shut off water we believe is communicating from the Salt Wash/Entrada sand(s) into the Brushy Basin, from that well.

The proposed Harrison Federal 31-1A would allow us to produce the Dakota gas encountered and tested during the drilling of the 31-1 well earlier in the month. The rig would be skidded 50 feet to the other side of the existing pad. The gas could provide some financial base, from which the difficult water shut-off job mentioned above (to mill out 713 feet of existing cemented pipe in the Pumpelly-Stava 31-81 well) could be financially accomplished.

Although the Harrison Fed 31-1 was permitted for Dakota & Cedar Mountain gas in addition to the primary Brushy Basin objective, the lease line distances for wells has, I know, been recently changed. Per the enclosed plot, I operate the 600 acre lease in Section 30 to the North of the well, in addition to the 160 acre NE  $\frac{1}{4}$  of Section 31. Ian Jacobs operates the 160 acre NW  $\frac{1}{4}$  of Section 32 on the East boarder of the well, and is sending you by separate cover his permission for me to drill 300 ft from his line. Furthermore, all of the possible offsets to this well have already been drilled.

The rig is still located at the well site and is available to drill this well right away. If the Board could grant us the exception to drill this "semi-grandfathered" well to this shallow depth, it would help us out a great deal, and we would be most appreciative.

Sincerely,

*Thomas D. Harrison*  
THOMAS D. HARRISON, Operator

RECEIVED

JAN 7 1980

DIVISION OF  
OIL, GAS & MINING

*Called 1-1341  
will send  
Report ~~it~~*

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 BORE  MULTIPLE BORE

2. NAME OF OPERATOR  
 THOMAS D HARRISON

3. ADDRESS OF OPERATOR  
 6734 CREST ROAD, PALOS VERDES CA 90274

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface NE NE NE S-31 T-205 R-24E SLBM  
 At proposed prod. zone SAME 425' FNL, 315' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 5 MILES NE CISCO UTAH

16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 315'  
 16. NO. OF ACRES IN LEASE 280

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 50'  
 19. PROPOSED DEPTH 360 FT. Dakota

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4546 GR  
 22. APPROX. DATE WORK WILL START\* DEC 21, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4	7	20	68'	FILL TO SURFACE
6 1/4	4 1/2	10.5	320	AS NEEDED

- THIS WELL WILL TWIN THE HARRISON FED 31-1, TO PICK UP THE DAKOTA GAS AND/OR CEDAR MOUNTAIN OIL THAT WAS DISCOVERED DURING THE DRILLING OF THE HARRISON FED 31-1 WELL.
- NO ADDITIONAL SURFACE DISTURBANCE WILL BE INCURRED.
- SAME EQUIPMENT AS HARRISON FED 31-1 WELL.

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 Thomas D Harrison TITLE Operator

PERMIT NO. 43-019-30589 APPROVAL DATE 1/14/80

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

5. LEASE DESIGNATION AND SERIAL NO. U-011879A  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_  
 7. UNIT AGREEMENT NAME \_\_\_\_\_  
 8. FARM OR LEASE NAME \_\_\_\_\_  
 9. WELL NO. HARRISON FED 31-1A  
 10. FIELD AND POOL, OR WILDCAT GRAVEL PILE FIELD  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S-31, T-205 R-24E  
 12. COUNTY OR PARISH GRAND 13. STATE UTAH  
 17. NO. OF ACRES ASSIGNED TO THIS WELL 40  
 20. ROTARY OR CABLE TOOLS ROTARY

RECEIVED  
DEC 29 1979

JAN 7 1980

DIVISION OF OIL, GAS & MINING

Ilan Jacobs  
710 Bunker Drive  
Grand Junction, Colorado  
81501

Jack Fight  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Mr. Jack Fight,

I am the owner of the federal oil and gas lease on section 32, of township 20 south, range 24 east, Grand County Utah. I hereby give my permission for Thomas D. Harrison to drill in section 31, within 200 ft. of my lease line. Mr. Harrison all so gives me his permission to drill in section 32 within 200 ft. of his lease line.

Sincerely,

*Bernice Bleckert - Lessee - Bernice Bleckert (Jacobs)*  
Ilan Jacobs, Operator - *Ilan L. Jacobs*

*Typed by Tom Harrison's Secy.*

**RECEIVED**

JAN 7 1980

DIVISION OF  
OIL, GAS & MINING

NENE 330 FUL 330 FEL 30-81 SIGW

S-30

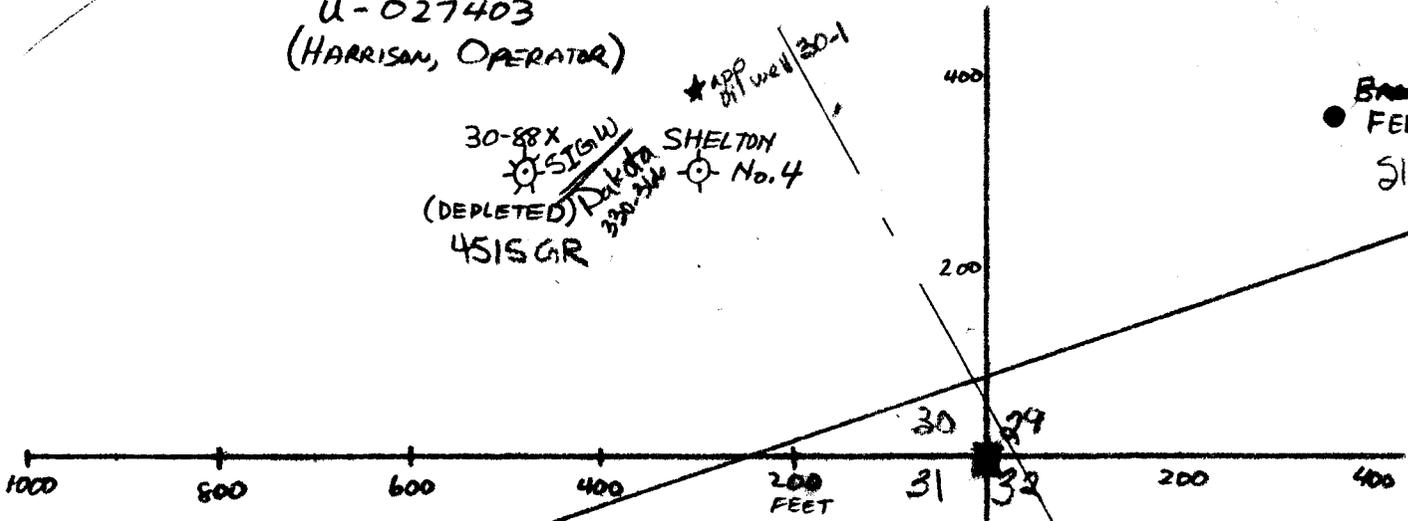
U-027403  
(HARRISON, OPERATOR)

30-88X SIGW  
(DEPLETED) DAKOTA SHELTON  
4515 GR  
No. 4

\* APP  
DIT well 30-1

S-29

Brownhead  
● FED. No 3  
SIGW



S-31

U-011879A  
(HARRISON, OPERATOR)

4546 GR

POMPELY-STARR  
31-81

HARRISON  
FED 31-1

PROPOSED  
31-1 A

DAKOTA  
320-374

oil-producing?  
THUNDERBIRD  
DRILLING  
No. 32-3  
SIGW?

THUNDERBIRD  
DRILLING  
No. 3

S-32

ILAN JACOBS  
OPERATOR

don't know  
location

T-2DS, R-24E, SLBM

GRAVEL PILE FIELD

31-72 SIGW  
DAKOTA  
(DEPLETED) 260-304  
4480 GR

January 8, 1980

Thomas D. Harrison  
6734 Crest Road  
Palos Verdes, California 90274

Re: Harrison Federal #31-1A  
Sec. 31, T. 20S, R. 24E.,  
Grand County, Utah

Attention: Thomas D. Harrison

Gentlemen:

This letter is in response to your Application for Permit to Drill the above referenced well. It has been denied for the following reasons.

After careful checking and research, it has been found that the 31-1A cannot be permitted as a gas well nor an oil well, under Cause No. 102-16B (copy enclosed for your reference). Said well is only 67 feet (400' minimum required) from a SIOW (31-1) and only 880 feet (1320' minimum required) from a SIGW (31-72).

If these two wells (31-1 and 31-72) are properly plugged and abandoned permission may be granted to drill the 31-1A provided all requirements to file an APD are followed (see Cause No. 1-2-16B and Rule C-4, General Rules and Regulations and Rules of Practice and Procedure).

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/b:tm

cc: USGS

\*\* FILE NOTATIONS \*\*

DATE: January 14, 1980

Operator: Thomas D. Harrison

Well No: Harrison Federal #31-1A

Location: Sec. 31 T. 205 R. 24E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-019-30589

CHECKED BY:

Geological Engineer: \_\_\_\_\_

\_\_\_\_\_

Petroleum Engineer: \_\_\_\_\_

\_\_\_\_\_

Director: \_\_\_\_\_

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-16B 11/15/89

O.K. Rule C-3

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site

Lease Designation Fed

Plotted on Map

Approval Letter Written

WDM

# 3  
plus statement  
on plugging &  
survey plat

W  
PI

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

SUBMITTED IN TRIPPLICATE\*  
Instructions on reverse side)

*M*

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  
*THOMAS D HARRISON*

3. ADDRESS OF OPERATOR  
*6734 CREST ROAD, PALOS VERDES CA90274*

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
*425' FNL 330 FEL NENE NE S-31  
T-20S, R-24E, SLBM GRAND COUNTY UTAH*

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
*4546 GR*

5. LEASE DESIGNATION AND SERIAL NO.  
*U-011879A*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.  
*HARRISON FED 31-1A*

10. FIELD AND POOL, OR WILDCAT  
*GRAVEL PILE*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
*S-31, T-20S, R-24E*

12. COUNTY OR PARISH 13. STATE  
*GRAND 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 checked="" 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.)\*

Please be advised that if the permit to drill the HARRISON FEDERAL 31-1A offset well is approved, Operator agrees to plug both the Pumpelly Stora 30-88x and 31-72 Dakota gas wells prior to the start of production from said offset well.

Be advised also that the 30-88x well is located across a known fault from the proposed offset well, and that Operator would prefer not to plug that well - but will do so never-the-less at the direction of the Utah State Oil + Gas Division, as explained in phone conversation you may appear before the Board to present your case if you

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

SIGNED *Thomas D Harrison* TITLE *Operator*

RECEIVED 1980

JAN 4 1980

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

DATE: *1-18-80*

BY: *M. J. Minder*

\*See Instructions on Reverse Side

DIVISION OF OIL, GAS & MINING

THOMAS D HARRISON, OPERATOR  
6734 CREST RD  
PALOS VERDES CA 90274



4-018459S013 01/13/80 ICS IPMBNGZ CSP SLCA  
2133770707 MGM TDBN PALOS VERDES CA 71 01-13 1124P EST

**RECEIVED**

JAN 14 1980

▶ MICHAEL MINDER  
UTAH DIVISION OF OIL AND GAS 1588 WEST NORTH  
TEMPLE  
SALT LAKE CITY UT 84116

DIVISION OF  
OIL, GAS & MINING

PLEASE BE ADVISED THAT IF PERMIT TO DRILL HARRISON FEDERAL 31-1A  
LOCATED IN SECTION 31, TOWNSHIP 20 SOUTH, RANGE 24 EAST, GRAND COUNTY  
UTAH IS APPROVED, OPERATOR AGREES TO PLUG BOTH THE 30-88X AND 31-72  
DAKOTA GAS WELLS LOCATED NEARBY PRIOR TO THE START OF GAS PRODUCTION  
FROM SAID WELL.

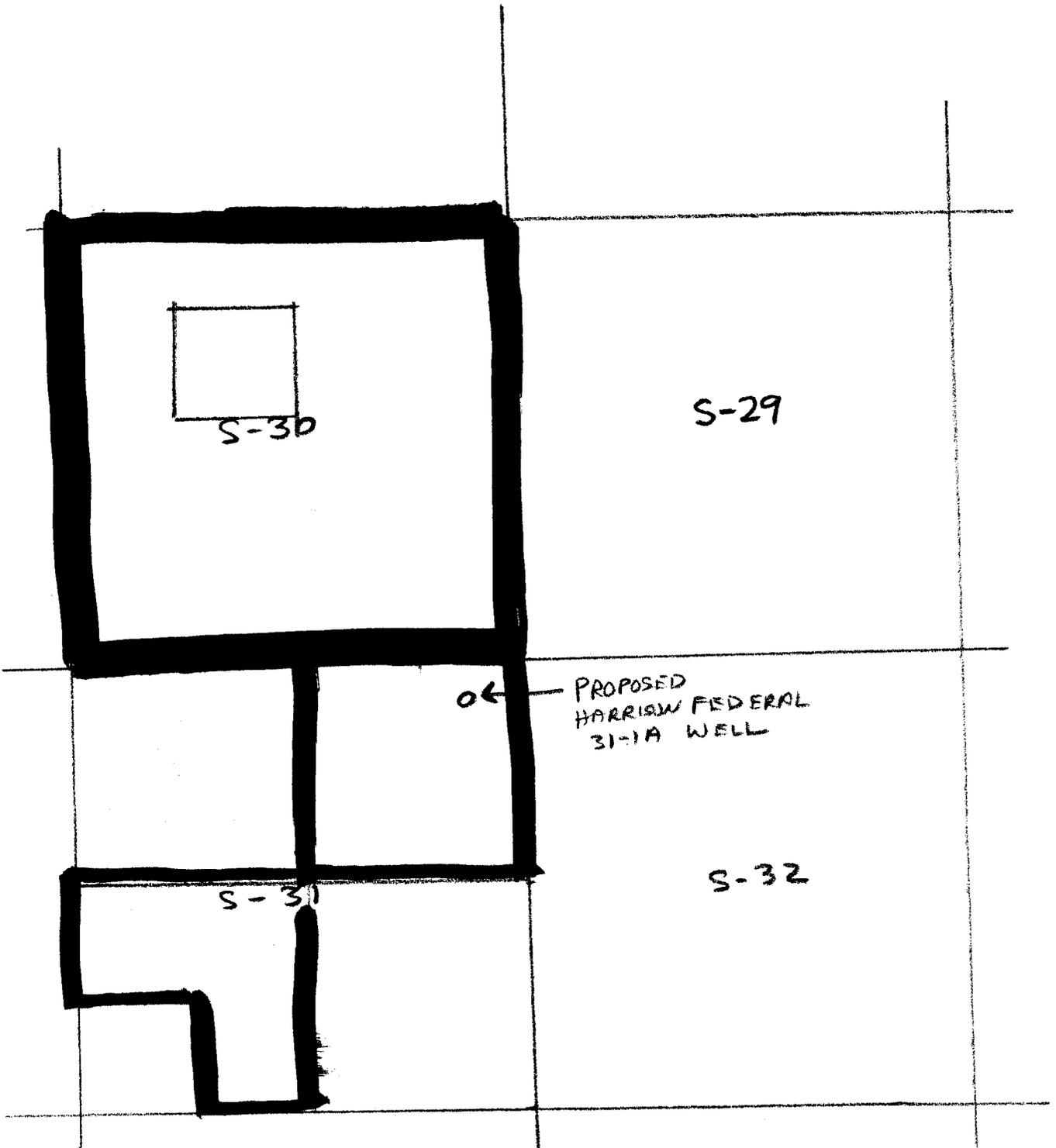
THOMAS D HARRISON, OPERATOR

2326 EST

MGMCOMP MGM

11 JAN 1980  
T.D. Harrison

# LEASE OWNERSHIP PLAT



LEGEND :  = U-027403 , TD HARRISON, OPERATOR  
 = U-011879A , TD HARRISON, OPERATOR

January 18, 1980

Thomas D. Harrison  
6734 Crest Road  
Palos Verdes, California 90274

Re: Well No. Harrison Federal #31-1A  
Sec. 31, T. 20S, R. 24E.,  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with the Order issued in Cause No. 102-168 dated November 15, 1979. However, this approval is contingent upon the plugging of both the 31-72 and the 30-88X gas wells prior to the production of Dakota gas from the 31-1A. Also, the above referenced well is permitted to produce Cedar Mountain Oil and Dakota gas. This approval eliminates any production of oil from the Cedar Mountain formation from the Harrison 31-1. Additionally, an original survey plat showing the accurate location of the Harrison 31-1A must be submitted to this office prior to the spudding of the above referenced well (31-1A).

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

MICHAEL T. MINDER - Geological Engineer  
Office: 533-5771  
Home: 876-3001

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

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 48-019-30589.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/b:tm  
cc: USGS



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

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

January 29, 1982

Thomas D. Harrison  
1923 Wingate Drive  
Grand Junction, Colo. 81503

Re: Well No. Pioneer #2  
Sec. 13, T. 20S, R. 23E  
Grand County, Utah

Well No. Harrison Federal 30-1  
Sec. 30, T. 20S, R. 24E  
Grand County, Utah

Well No. Harrison Federal 31-1A  
Sec. 31, T. 20S, R. 24E  
Grand County, Utah

SECOND NOTICE

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor.  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

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

St. Patrick's Day!

Thomas D. Harrison  
1923 Wingate Drive  
Grand Junction, Colorado 81503

Re: Well No. Pioneer #2  
Sec. 13, T. 20S, R. 23E.  
Grand County, Utah

Well No. Harrison Federal 30-1  
Sec. 30, T. 20S, R. 24E.  
Grand County, Utah

Well No. Harrison Federal 31-1A  
Sec. 31, T. 20S, R. 24E.  
Grand County, Utah

Gentlemen:

Approval to drill the above mentioned wells, which was granted in our letter of December 2, 1980, July 15, 1977 & January 18, 1980, is hereby terminated for failure to spud them within a reasonable period of time.

If and when you should decide to drill these wells, it will be necessary for you to again obtain approval of the Division.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cleon B. Feight* (CF)

Cleon B. Feight  
Director