



POWERS ELEVATION

OIL WELL ELEVATIONS — LOCATIONS  
ENVIRONMENTAL — ARCHAEOLOGICAL SERVICES  
800 SOUTH CHERRY STREET, SUITE 1201  
DENVER, COLORADO 80222  
PHONE NO. 303/321-2217

February 24, 1982

State of Utah  
Division of Oil, Gas, and Minerals  
1588 West North Temple  
Salt Lake City, Utah 84116

RE: Filing Application for Permit to Drill  
MCOR Oil & Gas Corporation  
1-17 Federal  
SW NW Sec. 17 T38S R26E  
1980' FNL & 660' FWL  
San Juan County, Utah

**RECEIVED**

MAR 01 1982

**DIVISION OF  
OIL, GAS & MINING**

Gentlemen:

Enclosed are three copies each of the Federal A.P.D. Form 9-331C, the Location and Elevation Plat, the Ten-Point Compliance Program, and the Blowout Preventer Diagram for the above-referenced well location.

Please return the approved copies to:

MCOR Oil & Gas Corporation  
3033 NW 63rd Street, Suite 250  
Oklahoma City, Oklahoma 73116  
ATTN: Floyd Meade

Very truly yours,

POWERS ELEVATION

*Connie L. Frailey / sb*

Connie L. Frailey  
Vice President, Environmental Services

CLF:k1e  
Enclosures

cc: Mr. Floyd Meade

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  
MCOR Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
3033 NW 63rd Street, Suite 250, Oklahoma City, Oklahoma 73116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface 1980' FNL & 660' FWL (SW NW)  
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
The location is 12.4 miles northeast of Hatch Trading Post, Utah.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE 800

17. NO. OF ACRES ASSIGNED TO THIS WELL 800

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

19. PROPOSED DEPTH 5500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5164' GR

22. APPROX. DATE WORK WILL START\* March 5, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" New	24# K-55 ST&C	1400'	450 sx lite + 2% CaCl <sub>2</sub> ; 1/4#/sx celloflake followed w/300 sx Class "B" + 2% CaCl <sub>2</sub> ; 1/4#/sx celloflake.
7 7/8"	4 1/2" New	10.5# K-55 ST&C	5500' *	

\*Cement Quantity: 450 sx Pozmix + 10% salt; 3/4% CFR-2.

1. Drill 12 1/4" hole and set 8 5/8" surface casing to 1400' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 7 7/8"
3. Run tests if warranted and run 4 1/2" casing if productive
4. Run logs, as needed, and perforate and stimulate as needed

**RECEIVED**  
MAR 01 1982

**DIVISION OF OIL, GAS & MINING**

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" The Ten-Point Compliance Program
- "C" The Blowout Preventer Diagram
- "D" The Multi-Point Requirements for A.P.D.
- "E" & "E<sub>1</sub>" Access Road Maps to Location
- "F" Radius Map of Field
- "G" & "G<sub>1</sub>" Drill Pad Layout, Production Facilities & Cut-Fill Cross-Sections
- "H" Drill Rig Layout

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 [Signature] TITLE District Manager DATE 2-24-82

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

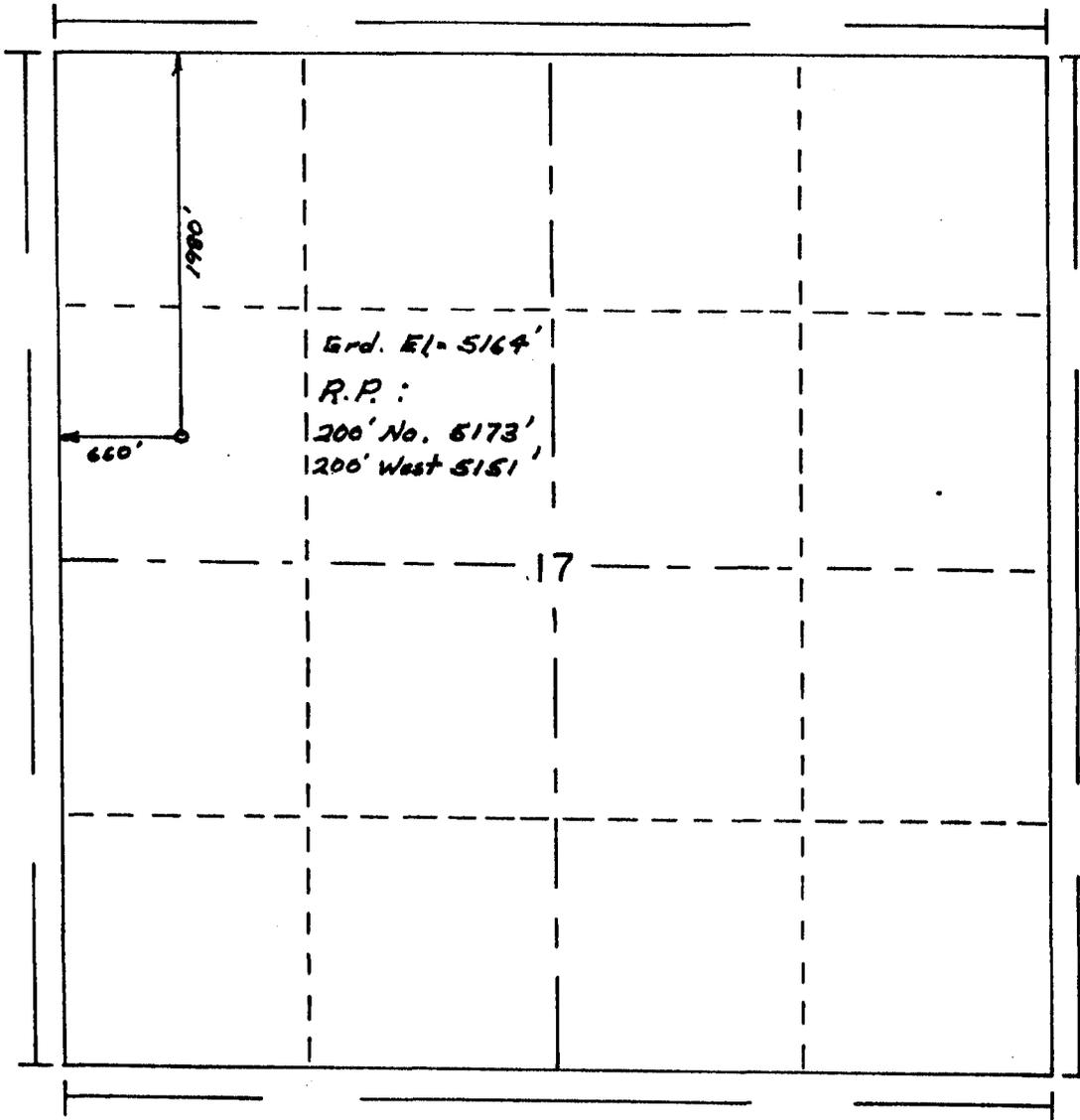
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

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

DATE: 3/10/82  
BY: [Signature]



R. 26E.



T. 38S.

Scale... 1" = 1000'

**Powers Elevation of Denver, Colorado**  
 has in accordance with a request from *Floyd Mead*  
 for *M.C.O.R.*  
 determined the location of *# 1-17 Federal*  
 to be *1980' FNL & 660' FWL* Section *17* Township *38 South*  
 Range *26 East* Salt Lake Meridian  
 San Juan County, Utah

I hereby certify that this plat is an  
 accurate representation of a correct  
 survey showing the location of

Date: 10 Feb. '82

T Nelson  
 Licensed Land Surveyor No. 2711  
 State of Utah

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM  
OF NTL-6 APPROVAL OF OPERATIONS

Attached to Form 9-331C  
MCOR Oil & Gas Corporation  
1-17 Federal  
SW NW Sec. 17 T38S R26E  
1980' FNL & 660' FWL  
San Juan County, Utah

1. The Geologic Surface Formation

The surface formation is the Morrison Sandstone.

2. Estimated Tops of Important Geologic Markers

Entrada	330'
Navajo	538'
Cutler	2122'
Hermosa	3860'
Paradox	4954'
U. Ismay	5140'
Desert Creek	5400'
Total Depth	5500'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

Cutler	2122'	Water
U. Ismay	5140'	Oil and Gas
Desert Creek	5400'	Oil and Gas

4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE &amp; JOINT</u>	<u>NEW OR USED</u>
12 1/4"	0-1400'	1400'	8 5/8"	24# K-55 ST&C	New
7 7/8"	0-5500'	5500'	4 1/2"	10.5# K-55 ST&C	New

Cement Program -

Surface Casing: 450 sacks Lite plus 2% CaCl, 1/4# per sack celloflake followed with 300 sacks Class "B" plus 2% CaCl, 1/4# per sack celloflake.

Production Casing: 450 sacks Pozmix plus 10% salt, 3/4% CFR-2.

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to half of working pressure after nipling up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT #/gal.</u>	<u>VISCOSITY-sec./qt.</u>	<u>FLUID LOSS cc</u>
0-1400'	Water spud, mud	8.6-9.0	35-40	N/C
1400'-2500'	Water	8.4-8.6*	28-30	N/C
2500'-5000'	Gel-chem	9.0-10.0*	35-45	10-20
5000'-T.D.	Gel-chem	9.0-10.0*	40-50	6-8

\*If water flow encountered - 11+ppg.

7. The Auxiliary Equipment to be Used

- (a) An upper kelly cock will be kept in the string.
- (b) A float will be used at the bit.
- (c) Neither a mud logging unit nor a gas detecting device will be monitoring the system.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

- (a) Drill Stem Tests may be run (depending on core results) in the Upper Ismay and Desert Creek formations.
- (b) The logging program will consist of the following:
  - DI-SFL with gamma ray - BHC sonic: T.D. to base of Surface casing.
  - Formation Density - compensated neutron with gamma ray: T.D. to 3500'.
- (c) Three cores are anticipated; two 60' cores in the U. Ismay (approximately 5140'-5260') and one 60' core in the Desert Creek (approximately 5400'-5460').
- (d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted for approval.

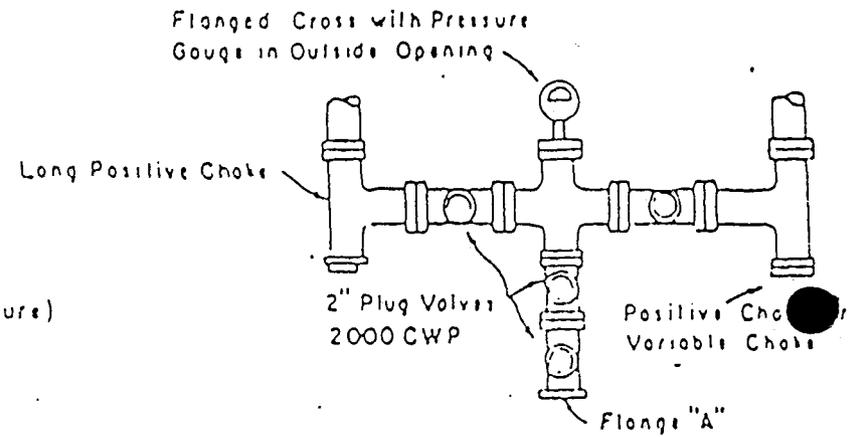
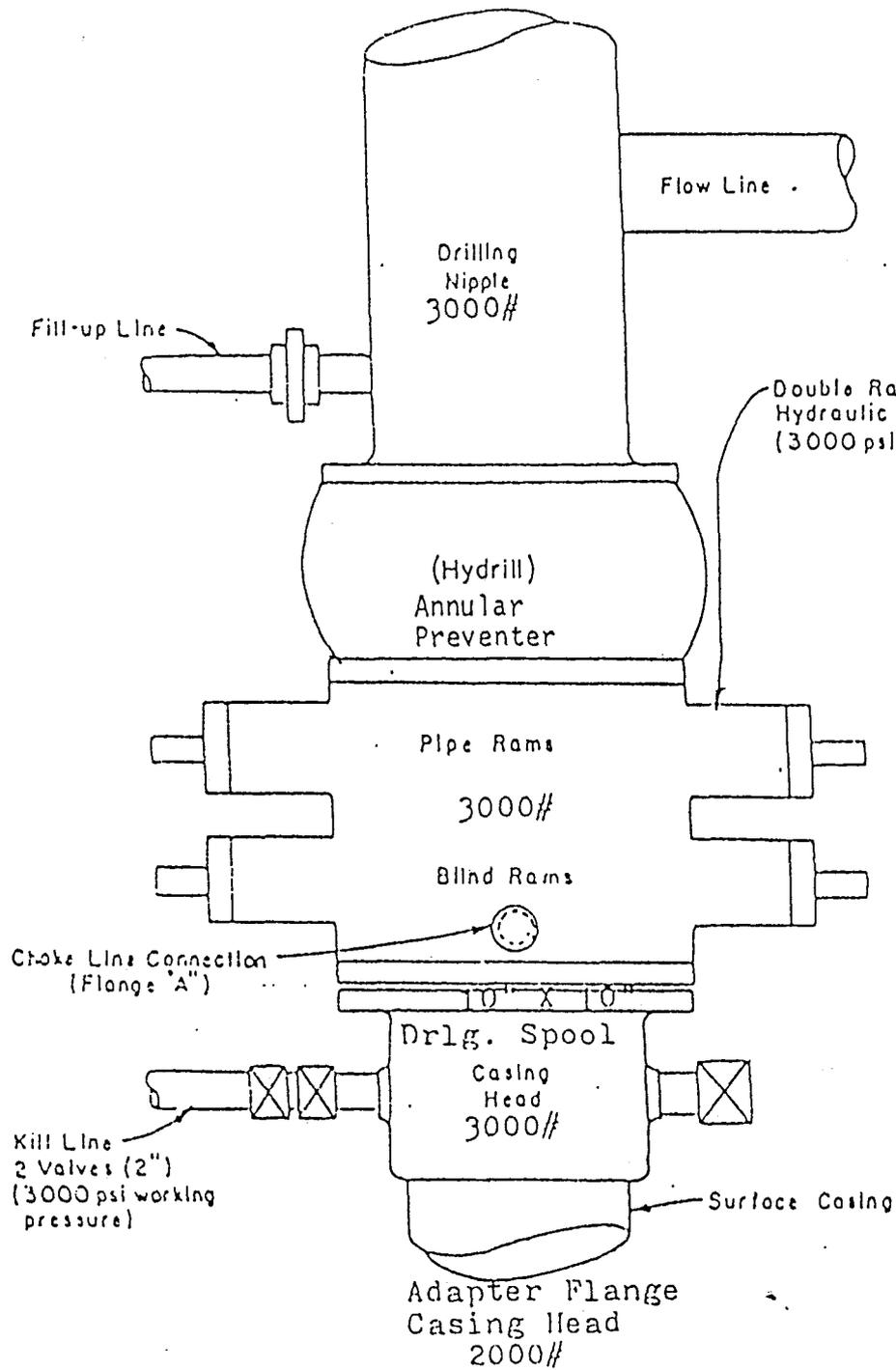
9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for March 5, 1982, or as soon as possible after examination and approval of drilling requirements. Operations should be completed within 15 days after spudding the well and drilling to casing point.



PLAN VIEW - CHOKE MANIFOLD

\*\* FILE NOTATIONS \*\*

DATE: 3-9-82

OPERATOR: MCOR Oil & Gas Corp.

WELL NO: Ad. 1-17

Location: Sec. 17 T. 38S R. 26E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-037-30767

CHECKED BY:

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

Director: OK as per rule C-3

Administrative Aide: OK as per rule C-3

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

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 Ad.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

March 11, 1982

MCOR Oil & Gas Corp.  
3033 NW 63rd St., STE. #250  
Oklahoma City, OK 73116

RE: Well No. Federal #1-17,  
Sec. 17, T. 38S, R. 26E,  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, 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:

CLEON B. FEIGHT  
Office: 533-5771  
Home: 466-4455

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 43-037-30767.

Sincerely,

DIVISION OF OIL, GAS AND MINING

  
Cleon B. Feight  
Director

CBF/db  
CC: Minerals Management Service  
Enclosure

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(Other instructions on reverse side)

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  
 MCOR Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
 3033 NW 63rd Street, Suite 250, Oklahoma City, Oklahoma 73116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 1980' FNL & 660' FWL (SW NW)  
 At proposed prod. zone  
 same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 The location is 12.4 miles northeast of Hatch Trading Post, Utah.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drlg. unit line, if any)  
 1980'

16. NO. OF ACRES IN LEASE  
 800

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 800

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

19. PROPOSED DEPTH  
 5500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5164' GR

22. APPROX. DATE WORK WILL START\*  
 March 5, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
 U-17064

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
 N/A

8. FARM OR LEASE NAME  
 Federal

9. WELL NO.  
 1-17

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 17 T38S R26E

12. COUNTY OR PARISH  
 San Juan

13. STATE  
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" New	24# K-55 ST&C	1400'	450 sx lite + 2% CaCl; 1/4#/sx celloflake followed w/300 sx Class "B" + 2% CaCl; 1/4#/sx celloflake.
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3. Run tests if warranted and run 4 1/2" casing if needed;
4. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" The Ten-Point Compliance Program
- "C" The Blowout Preventer Diagram
- "D" The Multi-Point Requirements for A.P.D.
- "E" & "E<sub>1</sub>" Access Road Maps to Location
- "F" Radius Map of Field
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- "H" Drill Rig Layout

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 [Signature] TITLE District Manager DATE 2-24-82

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] FOR E. W. GUYNN DATE MAR 17 1982  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE DISTRICT OIL & GAS SUPERVISOR

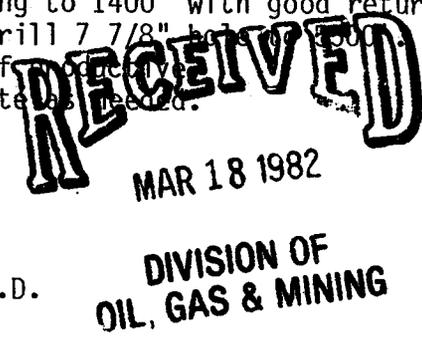
CONDITIONS OF APPROVAL ATTACHED

TO OPERATOR'S COPY  
 See Instructions On Reverse Side

NOTICE OF APPROVAL

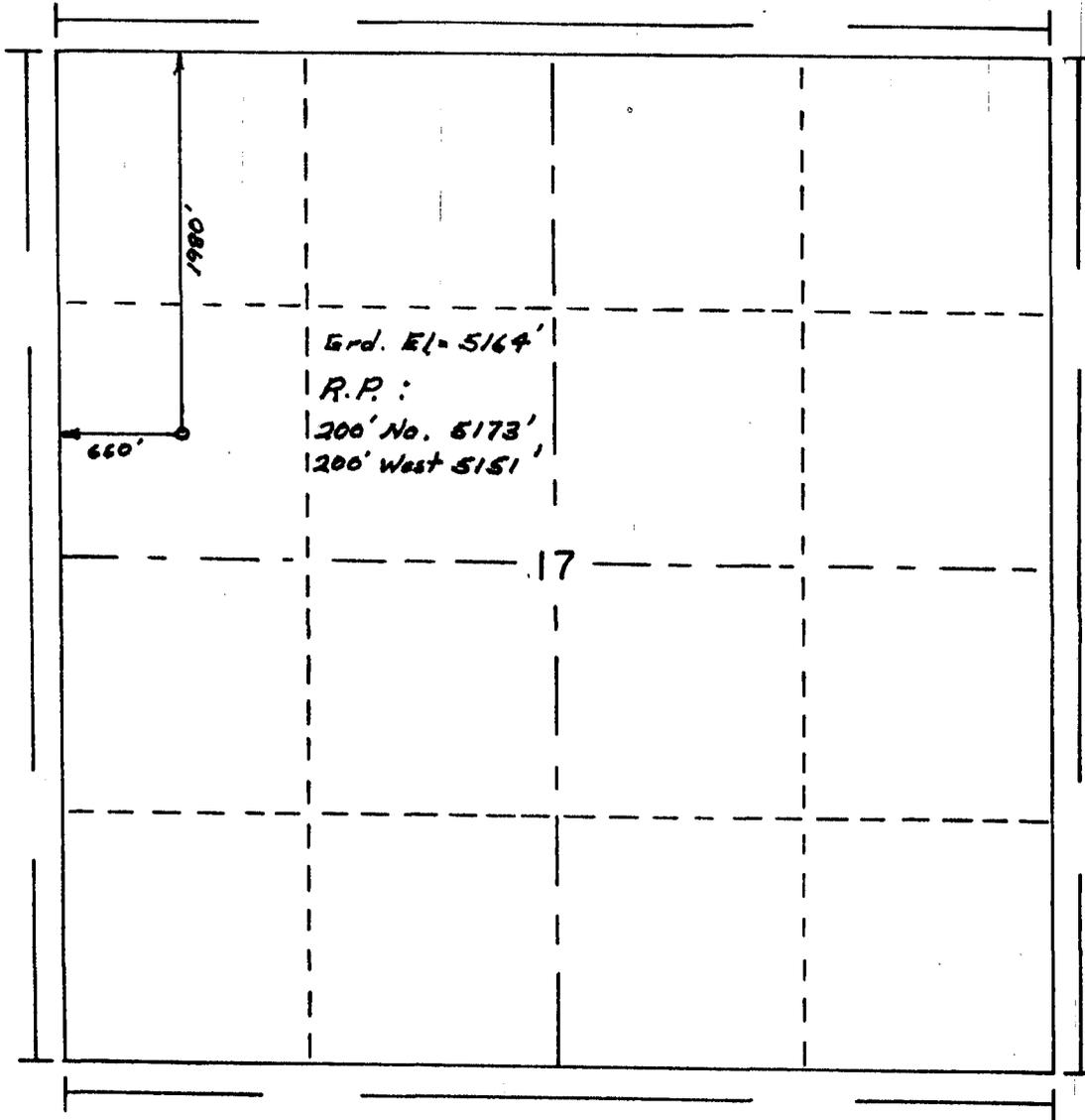
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

STATE OF OK





R. 26E.



T. 38S.



Scale... 1" = 1000'

Powers Elevation of Denver, Colorado  
 has in accordance with a request from *Floyd Mead*  
 for *M.C.O.R.*  
 determined the location of # *1-17 Federal*  
 to be *1980' FNL & 660' FWL* Section *17* Township *38 South*  
 Range *26 East* Salt Lake Meridian  
 San Juan County, Utah

I hereby certify that this plat is an  
 accurate representation of a correct  
 survey showing the location of

Date: 10 Feb. '82

T Nelson  
 Licensed Land Surveyor No. 2711  
 State of Utah

Identification No. 200-82

United States Department of the Interior  
~~Geological Survey~~ MMS  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

MINERAL'S MANAGEMENT  
SERVICE OPERATIONS  
OIL & GAS RECEIVED  
MAR 15 1982  
SALT LAKE CITY, UTAH

PROJECT IDENTIFICATION

Operator MCOR Incorporated  
Project Type single zone oil exploration well  
Project Location 1980' FNL/660' FWL, sec 17, T. 38 S., R. 26 E., San Juan County, Utah  
Well No. 1-17 MCOR <sup>Federal</sup> Lease No. U-17064  
Date Project Submitted \_\_\_\_\_

FIELD INSPECTION

Date February 22, 1982

Field Inspection Participants

Gerald Huddleston / Carolyn Wood - Powers Elementary Co.  
Fred Frampton - Archaeologist, Powers Elementary Co.  
Dean McClellan - McDonald Construction  
Brian Wood - Bureau of Land Management  
Don Englishman - Mineral Management Service

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

February 22, 1982  
Date Prepared

Donald Englishman  
Environmental Scientist

I concur

MAR 15 1982  
Date

W. W. Mouton  
FOR E. W. GUYNN  
DISTRICT OIL & GAS SUPERVISOR  
District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
• Public health and safety						✓ 4	✓		
• Unique charac- teristics							✓		
• Environmentally controversial							✓		
• Uncertain and unknown risks							✓		
• Establishes precedents							✓		
• Cumulatively significant							✓		
• National Register historic places	✓ 1								
• Endangered/ threatened species	✓ 1								
• Violate Federal, State, local, tribal law						✓ 4	✓		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

Remarks:

Location was not changed as stated by  
surveyor.



United States Department of the Interior

MINERAL MANAGEMENT SERVICE  
OIL & GAS OPERATIONS  
RECEIVED  
IN REPLY REFER TO  
T38SR26E Sec. 17  
(U-069)

BUREAU OF LAND MANAGEMENT  
Moab District  
San Juan Resource Area  
P.O. Box 7  
Monticello, Utah 84535

MAR 15 1982

SALT LAKE CITY, UTAH

March 11, 1982

Memorandum

To: Mineral Management Service, Durango, Colorado  
From: Area Manager, San Juan  
Subject: MCOR Federal 1-17 Well (U-17064)

RECEIVED

MAR 12 1982

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

We concur with approval of the APD for MCOR Federal 1-17 well located in SWNW, Section 17, T. 38 S., R. 26 E.

The archaeological requirements have been fulfilled, and no threatened or endangered species are indicated in the area.

*Robert Zurru*

ACTING

NOTICE OF SPUD

Company: MCOR Oil & Gas

Caller: Gary Smith

Phone: #405-840-3285

Well Number: # 1-17

Location: SW/NE Sec 17 T. 38S R. 26E

County: San Juan State: UT

Lease Number: U-17064

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: 3-26-82 9:30 P.M.

Dry Hole Spudded ~~Rotary~~: \_\_\_\_\_

Details of Spud (Hole, Casing, Cement, etc.): set 8 5/8" cc  
@ 1434' cont. 450 SX lite pozmix + 2% cc  
plug down 1:30 A.M. - 3-29-82

Rotary Rig Name & Number: Coleman Drilling #2

Approximate Date Rotary Moves In: 3-28-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: Cindy

Date: 3-27-82

cc: Well file  
UT. St. & G  
MMS Ural  
TAM  
APD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MINERALS MANAGE.  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED

U-17064

**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 Form 9-331-C for such proposals.)

APR 19 1982

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
1-17.

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 17, T38S-R26E.

12. COUNTY OR PARISH | 13. STATE  
San Juan | Utah

14. API NO.  
43-037-30767

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5164' GR

1. oil well  gas well  other  Dry Hole

2. NAME OF OPERATOR  
MCOR Oil and Gas Corporation

3. ADDRESS OF OPERATOR 3033 N.W. 63rd, Suite 250E  
Oklahoma City, Okla. 73116

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL & 660' FWL (SW/4 NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

1. Displace hole with 10.8 ppg mud via drill pipe. Through drill pipe:
  - a. Spot 55 sacks of Class "B" cement from 5300' back to 5100'.
  - b. Spot 80 sacks of Class "B" cement from 2430' back to 2130'.
  - c. Spot 55 sacks of Class "B" cement from 1530' back to 1330'.
  - d. Spot 10 sacks of Class "B" cement from 30 back to surface.
2. Cut off 8-5/8" casing and weld on steel plate. Erect a dry hole marker.
3. Restore location as outlined in "Multi-Point Surface Use and Operations Plan" and in stipulations attached to approved application for permit to drill.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED G.R. Smith TITLE Drlg & Prod Admin Asst. DATE April 15, 1982

(This space for Federal or State office use)  
APPROVED BY E. W. Gynn TITLE District Oil & Gas Supervisor DATE APR 22 1982  
CONDITIONS OF APPROVAL, IF ANY \_\_\_\_\_

opa.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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 Form 9-331-C for such proposals.)

1. oil well  gas well  other  **Dry Hole**

2. NAME OF OPERATOR  
MCOR Oil and Gas Corporation

3. ADDRESS OF OPERATOR 3033 N.W. 63rd, Suite 250E  
Oklahoma City, Okla. 73116

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL & 660' FWL (SW/4 NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE	U-17064
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	N/A
7. UNIT AGREEMENT NAME	N/A
8. FARM OR LEASE NAME	Federal
9. WELL NO.	1-17
10. FIELD OR WILDCAT NAME	Wildcat
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA	Section 17, T38S-R26E
12. COUNTY OR PARISH	San Juan
13. STATE	Utah
14. API NO.	43-037-30767
15. ELEVATIONS (SHOW DF, KDB, AND WD)	5164' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input checked="" type="checkbox"/>
(other) _____	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 subject well reached total depth of 5705 ft on 4-12-82 and was abandoned on 4-16-82 using the following procedure:

- The hole was displaced with 10.8 ppg mud and cement plugs were set as follows:
 

a. 55 sacks from 5300' back to 5100'.	c. 55 sacks from 1530' back to 1330'.
b. 80 sacks from 2430' back to 2130'.	d. 10 sacks from 30' back to surface.
- The 8-5/8" surface casing was cut off, a steel plate welded on, and dry hole marker erected.
- Restoration of the location will begin approx. May 1, 1982, as provided in the Multi-Point Surface Use and Operations Plan and the Permit to Drill.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED G. R. Smith TITLE Drlg. & Prod. Adm. Asst. DATE April 16, 1982

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number Federal #1-17 U-17064

Operator MCOR Oil & Gas Corp. Address 3033 N.W. 63., Okla. City, Okla. 73116

Contractor Coleman Drlg. Co. Address Drawer 3337, Farmington, NM. 87401

Location SW 1/4 NW 1/4 Sec. 17 T. 38S R. 26E County San Juan

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	2805	2814	Small flow - not measured	Salty
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

Formation Tops

1) Cutler

Remarks

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE  
(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5

5

5. LEASE DESIGNATION AND SERIAL NO.  
U-17064

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
I-17

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 17, T38S-R26E

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 Abandoned

2. NAME OF OPERATOR  
MCOR Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
3303 N.W. 63rd St., Suite 250E, Oklahoma City, OK

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1980' FNL & 660' FWL (SW/4 NW/4)

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-037-30767 | DATE ISSUED 3/11/82

15. DATE SPUDDED 3/26/82 | 16. DATE T.D. REACHED 4/12/82 | 17. DATE COMPL. (Ready to prod.) 4/16/82 P & A | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* GD 5164' | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5705' | 21. PLUG, BACK T.D., MD & TVD Surface | 22. IF MULTIPLE COMPL., HOW MANY\* | 23. INTERVALS DRILLED BY ROTARY TOOLS 0-5705 | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* N/A | 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-SFL-GB, CNL-FDC-GR, BHC Senie GR, Dip Meter | 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24 #/ft.	1434'	12 1/4	750 sacks	-0-

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION  
DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plugged and Abandoned | WELL STATUS (Producing or 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 G. R. Smith | TITLE Drlg. & Prod. Adm. Ast | DATE April 16, 1982

\*(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 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.)

**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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Cutler	2805	2814	Water flow (salty)	Shinarump	2228'
Upper Ismay	5319	5466	DST #2, Tite	Cutler	2402'
U. Desert Creek	5570	5594	DST #1, Tite	Upper Hermosa	4224'
L. Desert, Creek	5622	5637	DST #1, Tite	Upper Ismay	5319'
				Hovenweep Shale	5466'
				Lower Ismay	5492'
				Gothic Shale	5549'
				Upper Desert Cr.	5570'
				l. Desert Creek	5622'
				Chimney Rock Sh	5646'



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

March 12, 1983

MCOR Oil & Gas Corporation  
 3033 NW 63rd Street, Suite # 250  
 Oklahoma City, Oklahoma 73116

*Handwritten note:*  
 See file # 1-17  
 1-28

Re: Well No. Federal # 1-17  
 Sec. 17, T. 38S, R. 26E.  
 San Juan County, Utah

Well No. Federal # 1-28  
 Sec. 28, T. 38S, R. 26E.  
 San Juan County, Utah

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 you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
 Well Records Specialist

CF/cf