



POWERS ELEVATION

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

March 1, 1982

Ms. Celeste C. Renberg
c/o Jack Renberg & Associates
1050 17th St., Ste. 1950
Denver, Colorado 80265

RE: MCOR Oil & Gas Corporation - Spacing Exception
#1-28 Federal
NW SW Sec. 28 T38S R26E
1520' FSL & 330' FWL
San Juan County, Utah

Dear Ms. Renberg:

This is to inform you that MCOR Oil & Gas Corporation intends to drill the above location. Please notify the Utah Division of Oil, Gas, and Minerals within 15 days of receipt of this letter if you have any objection to the drilling of this location.

Sincerely,

POWERS ELEVATION

Connie L. Frailey
Connie L. Frailey
Vice President,
Environmental Services

CLF:sb

cc: Mr. Floyd Meade, MCOR Oil & Gas Corporation
State of Utah, Division of Oil, Gas, and Minerals, 1588 West
North Temple, Salt Lake City, Utah 84116



POWERS ELEVATION

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

March 1, 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 and Spacing Exception
MCOR Oil & Gas Corporation
#1-28 Federal
NW SW Sec. 28 T38S R26E
1520' FSL & 330' FWL
San Juan County, Utah

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.

This letter also constitutes a request for spacing exception due to the topography. A legal location would place the well in an area requiring a great amount of cut and fill (e.g. a rock cut of forty feet).

A copy of the letter to the adjacent leaseholder has been enclosed.

Please return the approved copies to:

MCOR Oil & Gas Corporation
3033 NW 63rd Street, Ste. 250
Oklahoma City, Oklahoma 73116
Attn: Mr. Floyd Meade

Very truly yours,

POWERS ELEVATION

Connie L. Frailey
Connie L. Frailey
Vice President,
Environmental Services

CLF:sb
Enclosures

cc: Mr. Floyd Meade

RECEIVED
MAR 04 1982

**DIVISION OF
OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
U-40406

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-28

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 28 T38S R26E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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 St., Ste. 250 Oklahoma City, OK 73116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1520' FSL & 330' FWL (NW SW)
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
The location is 12 miles Northeast of Hatch Trading Post

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1520'

16. NO. OF ACRES IN LEASE 960

17. NO. OF ACRES ASSIGNED TO THIS WELL 960

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

19. PROPOSED DEPTH 5760' *about Creek*

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5082' 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 ₂ ; 1/4#/sx
7 7/8"	4 1/2" New	10.5#, K-55 ST&C	5760' *	Celloflake follow w/300sx Class

* Cement quantity cont.: 450 sx Poz Mix + 10% Salt, 3/4% CFR-2."B" + 2% CaCl₂; 1/4#/sx Celloflake

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" hole to 5760'.
3. Run tests if warranted and run 4 1/2" casing if productive.
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" & "E₁" Access Road Maps to Location
- "F" Radius Map of Field
- "G" & "G₁" Drill Pad Layout, Production Facilities & Cut-Fill Cross-Sections
- "H" Drill Rig Layout

RECEIVED
MAR 04 1982

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 *[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]*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. GEOLOGICAL SURVEY
RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.
U-40406

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A MAR 1 1982

7. UNIT AGREEMENT NAME
SALT LAKE CITY, UTAH
N/A

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-28

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 28 T38S R26E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
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SINGLE ZONE MULTIPLE ZONE

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- "D" The Multi-Point Requirements For A.P.D.
- "E" & "E₁" Access Road Maps to Location
- "F" Radius Map of Field
- "G" & "G₁" 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 Floyd Hume TITLE District Manager DATE 2/24/82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVED BY A.M. RAFFOUL DATE 3-23-82
 APPROVED BY Jov E. W. Guyhn TITLE District Oil & Gas Supervisor DATE 3-23-82

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

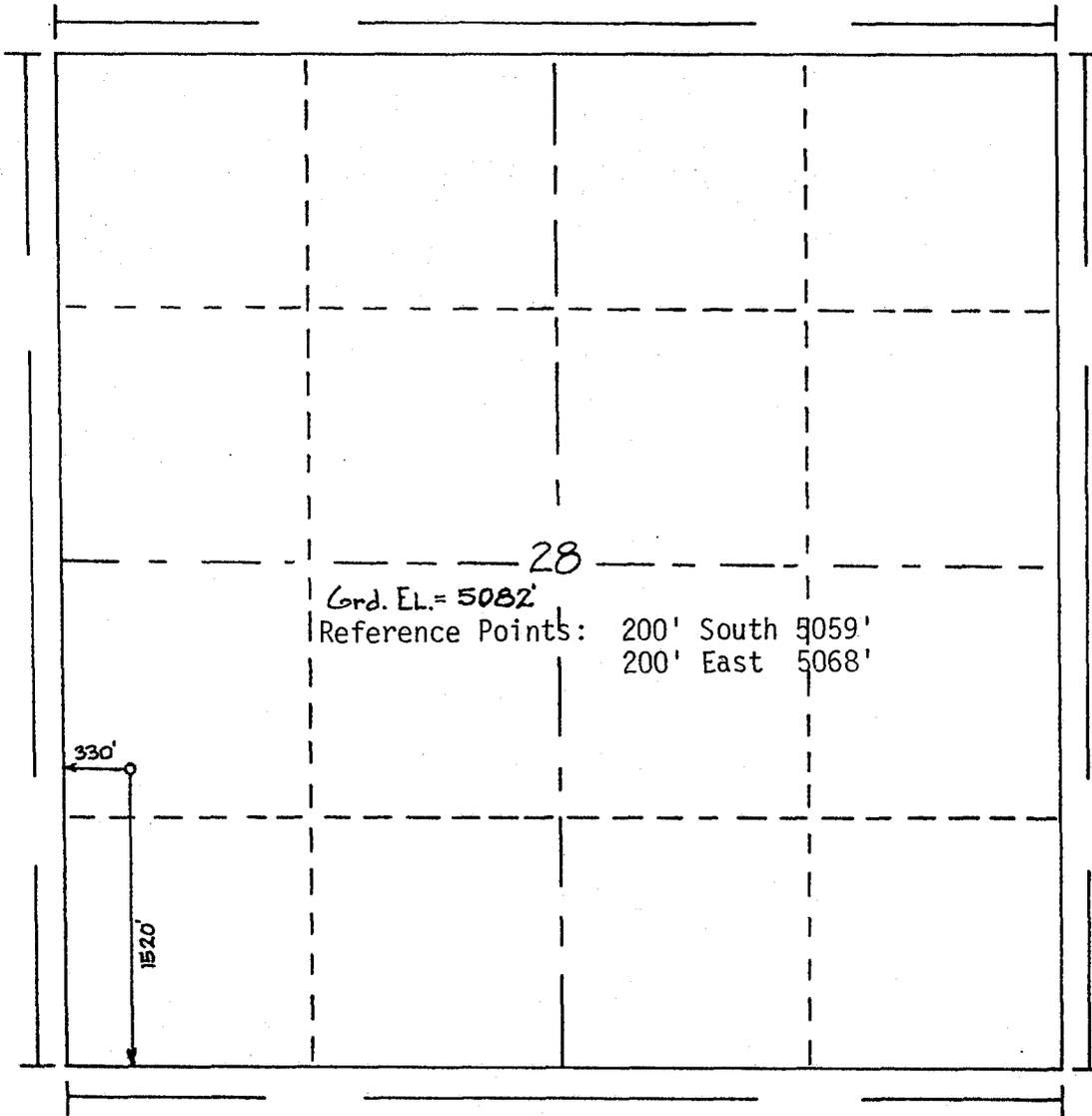
NOTICE OF APPROVAL

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

STATE O & G



R. 26 E



T. 38 S



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 #1-28 Federal
 to be 1520' FSL & 330' FWL
 Range 26 East
 Section 28 Township 38 South
 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: 15 Feb. 82

T Nelson
 Licensed Land Surveyor No. 2711
 State of Utah

Identification No. 204-82

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

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED
MAR 22 1982
SALT LAKE CITY, UTAH

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator MCOR, Incorporated
Project Type single zone oil exploration well
Project Location 1520' FSL/330' FWL, sec. 28, T. 38 S., R. 26 E., San Juan County, Utah
Well No. 1-28 MCOR ^{Federal} Lease No. U-40406
Date Project Submitted _____

FIELD INSPECTION

Date February 22, 1982

Field Inspection
Participants

Gerald Huddleston / Carolyn Wood - Powers Elevation Co.
Fred Frampton - Archaeologist, Powers Elevation Co.
Dean McClellan - McDonald Construction Co.
Trian Wood - Bureau of Land Management
Dan Englishman - Minerals 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.

Feb. 22, 1982
Date Prepared

Donald Englishman
Environmental Scientist

I concur

MAR 22 1982
Date

W. J. Mactee 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)						
1. Public health and safety						✓ 4	✓		
2. Unique charac- teristics							✓		
3. Environmentally controversial							✓		
4. Uncertain and unknown risks							✓		
5. Establishes precedents							✓		
6. Cumulatively significant							✓		
7. National Register historic places	✓ 1								
8. Endangered/ threatened species	✓ 1								
9. 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 (who moved from a geologic target site by ~~130~~ south)

130



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
San Juan Resource Area
P.O. Box 7
Monticello, Utah 84535

IN REPLY REFER TO

T38SR26E Sec. 28
(U-069)

March 17, 1982

Memorandum

To: Minerals Management Service, Durango, Colorado
From: Area Manager, San Juan
Subject: MCOR's Federal 1-28 Well (U-40406)

RECEIVED

MAR 18 1982

**U. S. GEOLOGICAL SURVEY
DURANGO, COLO.**

We concur with approval of the APD. The archaeological requirement has been fulfilled. No threatened or endangered species are indicated.

Edward P. Selina

EXHIBIT "B"

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

Attached to Form 9-331C
MCOR Oil & Gas Corporation
1-28 Federal
NW SW Sec. 28 T38S R26E
1520' FSL & 330' 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	430'
Navajo	638'
Cutler	2354'
Hermosa	4092'
Paradox	5186'
U. Ismay	5400'
Desert Creek	5660'
Total Depth	5760'

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

Cutler	2354'	Water
U. Ismay	5400'	Oil and Gas
Desert Creek	5660'	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 & 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"	0-5760'	5760'	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 5400'-5520') and one 60' core in the Desert Creek (approximately 5660'-5720').
- (d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted for approval.

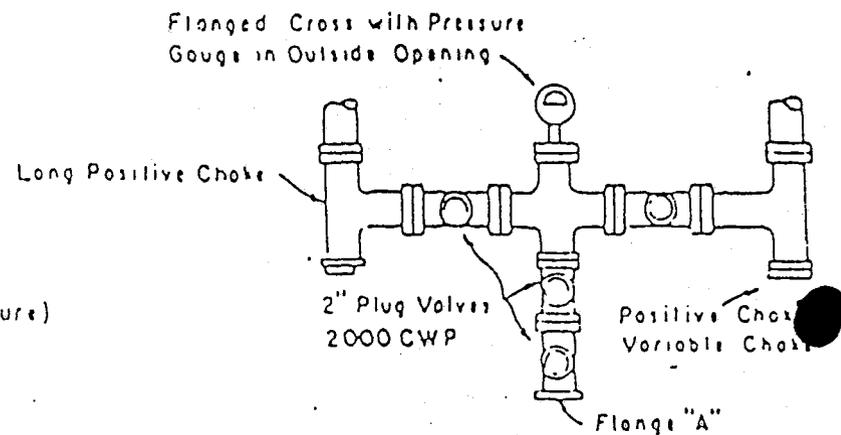
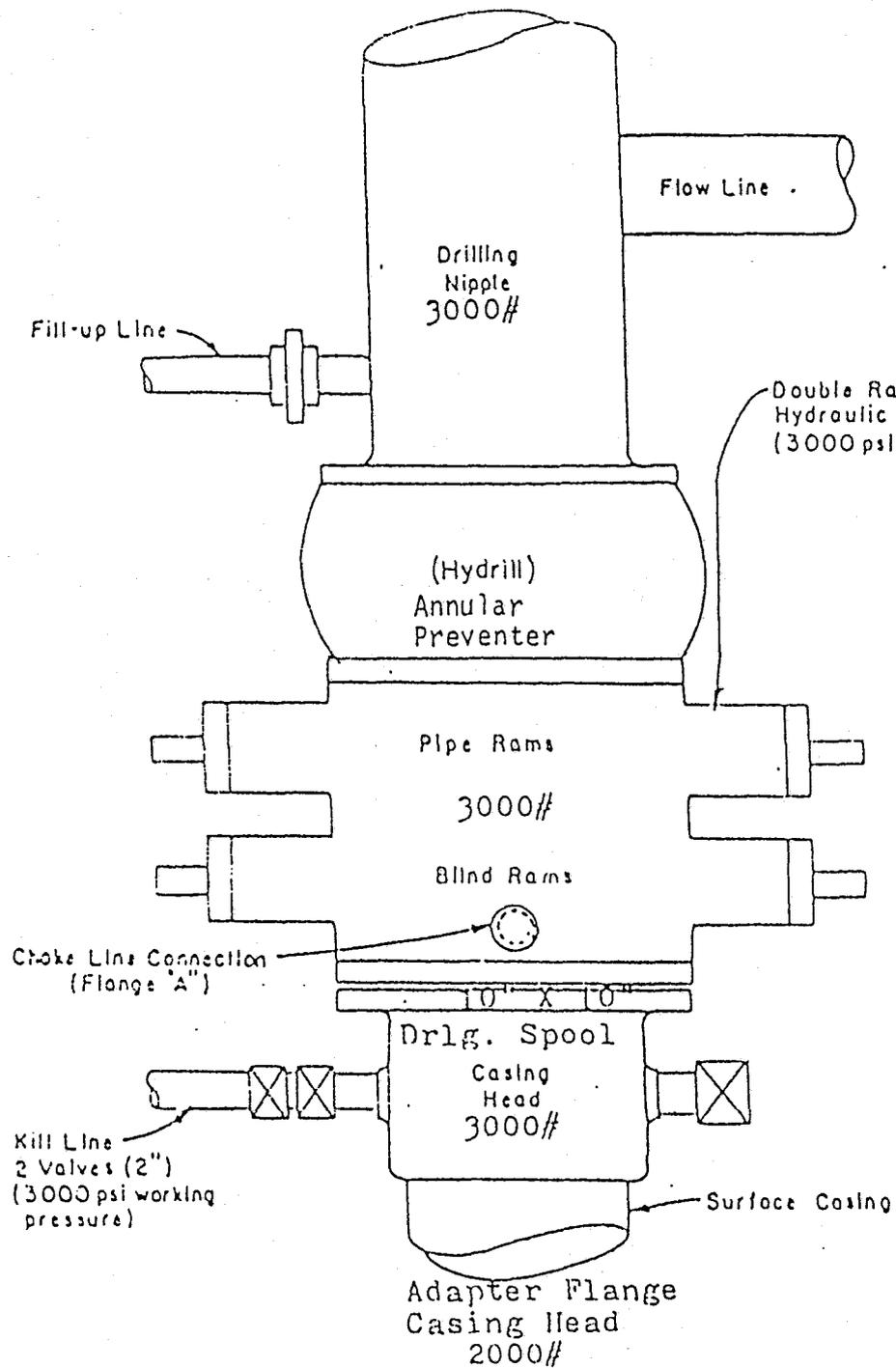
9. Any Anticipated Abnormal Pressures or Temperatures

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: 3-8-82
OPERATOR: Mer Oil & Gas Corp.
WELL NO: Adual #1-28
Location: Sec. 28 T. 38S R. 26E County: San Juan

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:

API Number 43-03730715

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per rule C-3

Administrative Aide: OK as per rule C-3 (c)

(Letter requesting exception received)

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 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 #1-28,
Sec. 28, T. 38S, R. 26E,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted 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:

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 43-037-30715.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: Minerals Management Service
Enclosure



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 notes:
 Approved
 3/15/83
 [Signature]

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

NOTICE OF SPUD

Company: MCOR Oil & Gas

Caller: Mary Smith

Phone: # 405 - 840 - 3285

Well Number: # 1-28

Location: 1/4 1/4 Sec 28 T. 38S R. 26E

County: San Juan State: UT

Lease Number: U-40406

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 3-28-82 8:00 P.M.

Dry Hole Spudder Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 14" cond. @

14" ready mix

Rotary Rig Name & Number: Buekerhoff Signal #70

Approximate Date Rotary Moves In: 3-27-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: Cindy

Date: 3-29-82 3:00 P.M.

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

RECEIVED
MAR 30 1982

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved
Budget Category No. 22-R1424
MANAGEMENT
SERVICE
RECEIVED

5. LEASE U-40498
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
7. UNIT AGREEMENT NAME N/A SALT LAKE CITY, UTAH
8. FARM OR LEASE NAME Federal
9. WELL NO. 1-28
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 28, T38S-R26E
12. COUNTY OR PARISH San Juan 13. STATE Utah
14. API NO. 43-037-30715
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5082' GR

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: 1520' FSL & 330' FWL (NW/4 SW/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 11.0 ppg mud via drill pipe. Through drill pipe:
 - a. Spot 55 sacks of Class "B" cement from 5500' back to 5300'.
 - b. Spot 55 sacks of Class "B" cement from 2500' back to 2300'.
 - c. Spot 55 sacks of Class "B" cement from 1550' back to 1350'.
 - d. Spot 20 sacks of Class "B" cement from 56' 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 13, 1982

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE District Oil & Gas Supervisor DATE APR 22 1982

opn.

cell file

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.)

5. LEASE	U-40406
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	N/A
7. UNIT AGREEMENT NAME	N/A
8. FARM OR LEASE NAME	Federal
9. WELL NO.	1-28
10. FIELD OR WILDCAT NAME	Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Section 28, T38S-R26E
12. COUNTY OR PARISH	San Juan
13. STATE	Utah
14. API NO.	43-037-30715
15. ELEVATIONS (SHOW DF, KDB, AND WD)	5082' GR

1. oil well gas well other Dry Hole

2. NAME OF OPERATOR
MCOR Oil & 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: 1520' FSL & 330' FWL (NW/4 SW/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 type="checkbox"/>	<input checked="" type="checkbox"/>
(other) <input type="checkbox"/>	

(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 5700 ft on 4-11-82 and was abandoned on 4-13-82 using the following procedure:

- The hole was displaced with 11.0 ppg mud and cement plugs were set as follows:
 - 55 sacks from 5500' back to 5300'.
 - 55 sacks from 2500' back to 2300'.
 - 55 sacks from 1550' back to 1350'.
 - 20 sacks from 56' 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 Drig & Prod. Adm. Asst. DATE April 15, 1982

(This space for Federal or State office use)

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

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

SUBMIT IN DUPLICATE*

(See instructions on reverse side)

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

12

5. LEASE DESIGNATION AND SERIAL NO.

U-40406

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-28

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 28, 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

3033 N.W. 63rd St., Suite 250E, Oklahoma City, Okla. 73116

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

At surface 1520' FSL & 330' FWL (NW/4 SW/4)

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-037-30715 DATE ISSUED 3-11-82

15. DATE SPUDDED 3-28-82 16. DATE T.D. REACHED 4-11-82 17. DATE COMPL. (Ready to prod.) 4-13-82 P & A 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5082' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5700' 21. PLUG, BACK T.D., MD & TVD Surface 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → ROTARY TOOLS 0-5700 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-FR, CNL-FDC-GR, BHC Sonic GR 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
8 5/8"	24 #/ft.	1434'	12 1/4	850 sacks	-0-

29. LINER RECORD

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

30. TUBING RECORD

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

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 [Signature] TITLE Drlg & Prod. Admin. Asst. DATE 4-15-82

*(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 38, 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.
Cutler	2368'	2400	Small Water flow (salty)
U. Hermosa	4452	4476	Water flow (salty)
Upper Ismay	5403	5512	Tite
U. Desert Cr.	5582	5642	Tite
L. Desert Cr.	5642	5666	Tite

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
Shimarump	2308'		
Cutler	2445'		
U. Hermosa	4290'		
Upper Ismay	5403'		
Hovenweep Sh	5512'		
Lower Ismay	5515'		
Gothic Shale	5572'		
U. Desert Cr.	5582'		
L. Desert Cr.	5642'		
Chimney Rock Sh	5666'		

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

RECEIVED

APR 27 1982

DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Federal #1-28 U-40406
Operator MCOR Oil & Gas Corp. Address 3033 N.W. 63 St., Okla. City, Okla. 73116
Contractor Brinkerhoff Signal Address 3400 Anaconda Tower, Denver, Colo. 80202
Location NW 1/4 SW 1/4 Sec. 28 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.	2368	2400	Small flow - not measured	Salty
2.	4452	4476	Small flow - not measured	Salty
3.				
4.				
5.				

(Continue of reverse side if necessary)

Formation Tops

- 1) Cutler
- 2) Upper Hermosa

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.