

# TEMPORARY

Application No. 59673

## APPLICATION TO APPROPRIATE WATER STATE OF UTAH

09-1340

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, 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.

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JAN 26 1984

REGISTERED ENGINEER UTAH

1. Irrigation  Domestic  Stockwatering  Municipal  Power  Mining  Other Uses

2. The name of the applicant is Marathon Oil Company

3. The Post Office address of the applicant is P.O. Box 2659, Casper WY 82602

4. The quantity of water to be appropriated 11.0 second-feet and/or 11.0 acre-feet

5. The water is to be used for oil well drilling from Feb. 1, 1984 to Feb. 1, 1985  
(Major Purpose) (Month) (Day) (Month) (Day)

other use period \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_  
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from \_\_\_\_\_ to \_\_\_\_\_  
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is \_\_\_\_\_  
(Leave Blank)

7. The direct source of supply is\* Montezuma Creek-Primary (See reverse for secondary sources)  
(Name of stream or other source)

which is tributary to \_\_\_\_\_, tributary to \_\_\_\_\_

\*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in San Juan County, situated at a point\* N $\frac{1}{2}$ SW $\frac{1}{4}$  of Section 14, T37S-R24E, SLM (See reverse for secondary sources).  
(16 miles SE of Blanding)

\*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of a hole in the stream bed where water will be sucked out. The stream itself will not be diverted (see reverse).

10. If water is to be stored, give capacity of reservoir in acre-feet \_\_\_\_\_ height of dam \_\_\_\_\_  
area inundated in acres \_\_\_\_\_ legal subdivision of area inundated \_\_\_\_\_

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ Total \_\_\_\_\_ Acres

12. Is the land owned by the applicant? Yes \_\_\_\_\_ No X If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes \_\_\_\_\_ No X  
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. \_\_\_\_\_

15. If application is for mining, the water will be used in \_\_\_\_\_ Mining District at the \_\_\_\_\_ mine, where the following ores are mined \_\_\_\_\_

16. If application is for stockwatering purposes, number and kind of stock watered \_\_\_\_\_

17. If application is for domestic purposes, number of persons \_\_\_\_\_, or families \_\_\_\_\_

18. If application is for municipal purposes, name of municipality \_\_\_\_\_

19. If application is for other uses, include general description of proposed uses \_\_\_\_\_

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. NW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 32, T37S-R24E, McCracken Spring Prospect.

21. The use of water as set forth in this application will consume 1.0 second-feet and/or acre-feet of water and 0 second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: \_\_\_\_\_

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Secondary Source Information

Paragraph #7: Underground Water (artesian wells).

Paragraph #8 & #9: #1. Pond on property of Richard Perkins, NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Sec. 12, T38S-R24E, water flowing from artesian well.

Paragraph #12: Primary source; surface and minerals owned by United States Government.

Secondary source; minerals owned by United States Government, surface owned by Richard Perkins.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

*James J. [Signature]*

Signature of Applicant\*

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, }  
County of..... } ss

On the .....day of ....., 19....., personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

**FEEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH**

Flow rate — c.f.s.	Cost	
0.0 to 0.1 .....	\$ 15.00	
over 0.1 to 0.5 .....	30.00	
over 0.5 to 1.0 .....	45.00	
over 1.0 to 15.0 .....	45.00	plus \$7.50 for each cfs above the first cubic
over 15.0 .....	150.00	foot per second.

Storage — acre-feet		
0 to 20 .....	22.50	
over 20 to 500 .....	45.00	
over 500 to 7500 .....	45.00	plus \$7.50 for each 500 a.f. above the first
over 7500 .....	150.00	500 acre feet.

(This section is not to be filled in by applicant)

**STATE ENGINEER'S ENDORSEMENTS**

1. Jan. 26, 1984 Application received by mail ~~over counter~~ in State Engineer's office by AD
2. .... Priority of Application brought down to, on account of .....
3. 2-9-84 Application fee, \$ 15.00, received by an Rec. No. 04563
4. .... Application microfilmed by ..... Roll No. ....
5. 2-9-84 Indexed by an Platted by .....
6. 2-6-84 Application examined by AD
7. 1-27-84 Application returned, ..... or corrected by office .....
8. 2-6-84 Corrected Application resubmitted by mail ~~over counter~~ to State Engineer's office.
9. .... Application approved for advertisement by .....
10. .... Notice to water users prepared by .....
11. .... Publication began; was completed .....
12. .... Proof slips checked by .....
13. .... Application protested by .....
14. .... Publisher paid by M.E.V. No. ....
15. .... Hearing held by .....
16. .... Field examination by .....
17. 2-6-84 Application designated for approval ~~rejection~~ AD S.G.
18. 2/17/84 Application copied or photostated by slm proofread by .....
19. 2/17/84 Application approved ~~rejected~~
20. **Conditions:**  
 This Application is approved, subject to prior rights, as follows:
  - a. Actual construction work shall be diligently prosecuted to completion.
  - b. Proof of Appropriation shall be submitted to the State Engineer's office by NPR
  - c. **TEMPORARY APPROVAL -- EXPIRES February 1, 1985.**
21. .... Time for making Proof of Appropriation extended to .....
22. .... Proof of Appropriation submitted.
23. .... Certificate of Appropriation, No. ...., issued

WATER RIGHTS DATA BASE  
 ENTERED - DATE 2/16/84 BY AD  
 VERIFIED - DATE 2/14/84 BY AD

Carl M. Staker

FOR Dee C. Hansen, P.E., State Engineer

**TEMPORARY**

Application No. 59673

09-1340

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

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

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5. Lease Designation and Serial No.  
Utah ML-36199 ✓

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multizone

8. Farm or Lease Name

2. Name of Operator

Marathon Oil Company

9. Well No.

1-32

3. Address of Operator

P.O. Box 2659, Casper, WY 82602

10. Field and Pool, or ~~Exp. Development~~ **UNDESIGNATED**

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)  
At surface

1,550' FSL & 550' FWL **NWSW** ✓

11. Sec., T., R., M., or Bk. and Survey or Area

Sec. 32, T37S, R24E

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*

11.2 miles northwest from Hatch Trading Post, Utah

12. County or Parrish 13. State

San Juan Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. line, if any)

550'

16. No. of acres in lease

640

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.

2,170'

19. Proposed depth,

6,371' **Akah**

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5,678' GL

22. Approx. date work will start\*

3-1-84

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
Please see Item #4 of 10-Point for complete casing and cementing record.				

WE REQUEST THAT ALL INFORMATION REGARDING THIS WELL BE HELD CONFIDENTIAL AS PRESCRIBED BY FEDERAL AND STATE LAW.

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Please see the following attachments:

1. Surveyor's Plat
2. 10-Point Drilling Program
3. BOP Schematic
4. Maps and Diagrams
5. Letter of Request for exception to location
6. Designation of Operator

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DIVISION OF  
OIL, GAS & MINING

The person responsible for APD is Walt West, Regulatory Coordinator.

Office: (307) 577-1555  
Home: (307) 235-1420

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: Doyle L. Jones Title: District Operations Manager Date: February 14, 1984

(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_

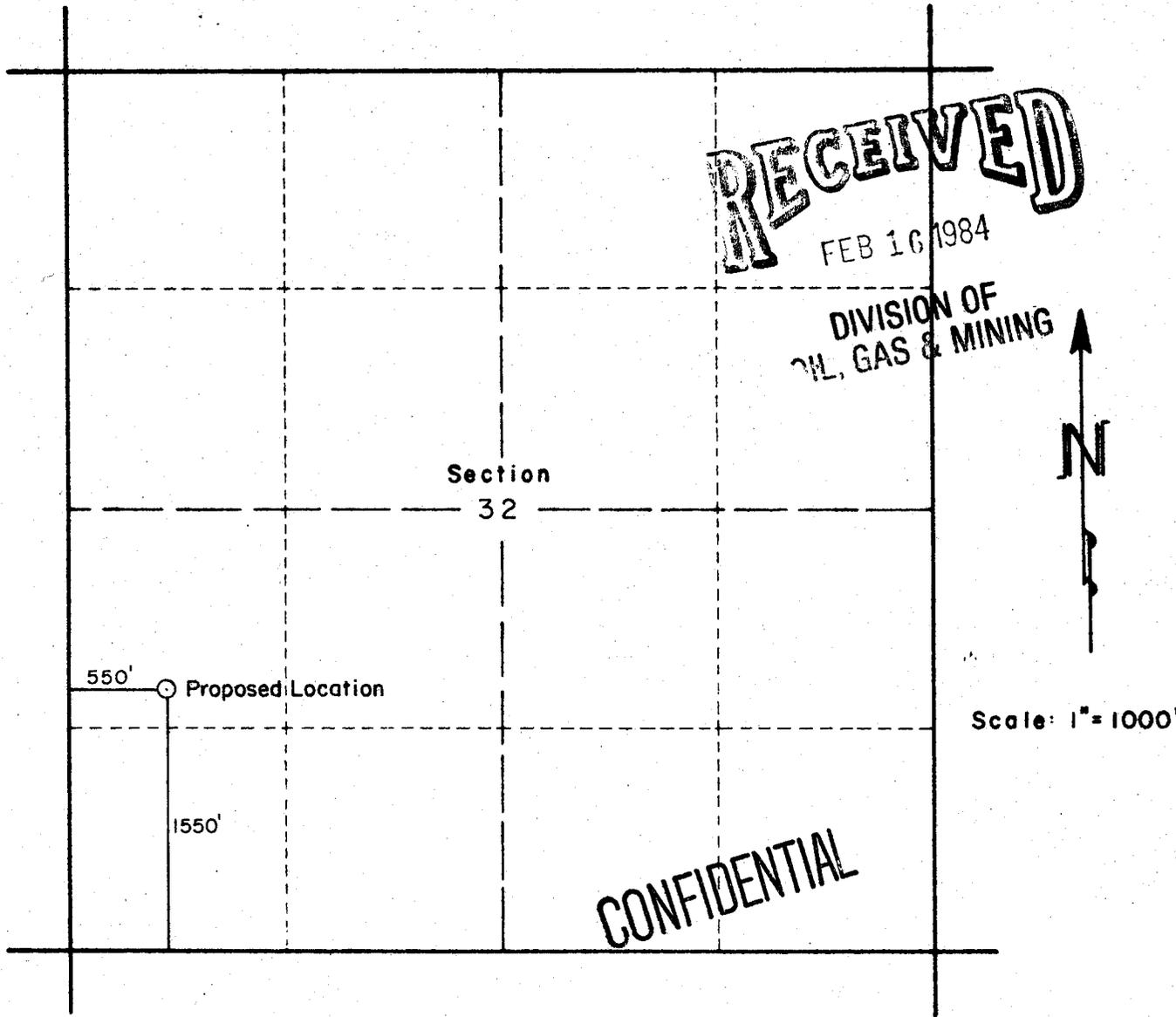
Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any:

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

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

\*See Instructions On Reverse Side



**WELL LOCATION: MARATHON OIL COMPANY - McCracken Spring # 1-32**

Located 550 feet North of the South line and 1550 feet East of the West line of Section 32,  
 Township 37 South, Range 24 East, Salt Lake Base & Meridian  
 San Juan County, Utah.  
 Existing ground elevation determined at 5684 feet based on # 1-31 Well.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief

*Frederick H. Reed*

FREDERICK H. REED  
 Registered Land Surveyor



MARATHON OIL COMPANY Casper, Wyoming	
WELL LOCATION PLAT McCracken Spring # 1-32 Sec. 32, T. 37 S., R. 24 E. San Juan County, Utah	
CLARK - REED & ASSOC. Durango, Colorado	DATE: JAN. 27, 1984 FILE NO: 84002

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands, holder of lease, ML-36199:

and hereby designates

NAME: Marathon Oil Company  
ADDRESS: P. O. Box 2659  
Casper, Wyoming 82602

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

Township 37 South, Range 24 East, SLM  
Section 32: All  
Containing 640.00 acres, more or less  
San Juan County, Utah

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It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands or his representative.

The lessee agrees promptly to notify the Division of State Lands of any change in the designated operator.

WEXPRO COMPANY

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\_\_\_\_\_  
(Signature of Lessee)

W. F. Oline - Attorney-in-Fact

P. O. Box 11070 - Salt Lake City, Utah 84147  
(Address)

February 1, 1984  
(Date)

MARATHON OIL COMPANY  
 DRILLING OPERATIONS PLAN

DATE: February 14, 1984

WELL NAME: McCracken Spring #1-32

LOCATION: 1,550' FSL & 550' FWL, Section 32, T37S, R24E,  
 San Juan County, Utah

1. Geologic name of the surface formation:

Dakota

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2. Estimated tops of important geological markers:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>	<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Dakota	Surface		Honaker Trail	4,973'	721'
Morrison	162'	5,532'	Paradox	5,839'	- 145'
Entrada	1,012'	4,682'	Upper Ismay	5,993'	- 299'
Carmel	1,173'	4,521'	Algal Mound	6,034'	- 340'
Navajo	1,216'	4,478'	Hovenweep	6,124'	- 430'
Kayenta	1,668'	4,026'	Lower Ismay	6,163'	- 469'
Wingate	1,858'	3,836'	Gothic	6,211'	- 517'
Chinle	2,109'	3,585'	Desert Creek	6,243'	- 549'
Shinarump	2,823'	2,871'	Chimney Rock	6,315'	- 621'
Moenkopi	2,845'	2,849'	Akah	6,341'	- 647'
Cutler	3,129'	2,565'	P.T.D.	6,371'	- 677'

3. Estimated depths at which oil, water, gas, or other mineral bearing formations are expected to be encountered:

<u>Formation</u>	<u>Depth</u>	<u>Possible Content</u>
Navajo	1,216'	Fresh Water
Cutler	3,129'	Brine
Honaker Trail	4,973'	Oil
Ismay*	5,993'	Oil
Desert Creek*	6,243'	Oil

\* Primary Objective

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4. The Proposed Casing Program:

Casing Design

<u>Casing String</u>	<u>Hole Size</u>	<u>Interval</u>	<u>Section Length</u>	<u>Size (OD)</u>	<u>Weight, Grade and Joint</u>	<u>New Or Used</u>	<u>Mud Weight</u>	<u>1000# Tension Load</u>	<u>SF<sub>t</sub></u>	<u>SF<sub>c</sub></u>	<u>SF<sub>b</sub></u>
Conductor	20"	60'	60'	16"	Thinwall Steel	New	8.5-9.0				
Surface	12-1/4"	0'-1950'	1,950'	9-5/8"	40# * S-80 LTC	New	8.5-9.0	78	8.90	4.39	1.69
Production	8-3/4"	0'-6371'	6,371'	7"	26# K-55 LTC	New	9.0-9.4	165.6	2.42	1.09	2.13

The 9-5/8" surface casing will be specially drifted to 8.75".

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4. The Proposed Casing Program (Continued):

Cement Program

9-5/8" Casing

Cement Volume:  $1,950' \times .3132 \text{ ft}^3/\text{ft} \times 2.0 = 1,221 \text{ ft}^3$ .

Lead Slurry: 1,450' calculated plus 100% excess - 480 sacks of high yield cement (35% fly ash, 65% cement, 6% bentonite) containing 1/4#/sack cellophane flakes and 2%  $\text{CaCl}_2$ .

Weight: 12.7 ppg  
Yield: 1.84  $\text{ft}^3/\text{sack}$   
Water Requirement: 9.9 gal/sack

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Tail Slurry: 500' calculated plus 100% excess - 270 sacks of Class "B" cement containing 1/4#/sack cellophane flakes and 2%  $\text{CaCl}_2$ .

Weight: 15.6 ppg  
Yield: 1.18  $\text{ft}^3/\text{sack}$   
Water Requirement: 5.2 gal/sack

Casing equipment will include a float shoe, float collar, and 3 centralizers. WOC time will be a minimum of 6 hours. If float equipment holds, closed-in pressure after cementing is not recommended.

7" Casing

Cement Volume:  $4,621' \times .1503 \text{ ft}^3/\text{ft} \times 1.3 \text{ excess} = 903 \text{ ft}^3$ .  
Actual cement volumes will be based upon caliper log plus 30% excess.

Slurry Preflush: 20 barrels

Lead Slurry: (4,121' column height) 440 sacks "Lite" cement w/2%  $\text{CaCl}_2$ .

Weight: 12.7 ppg  
Yield: 1.84  $\text{ft}^3/\text{sack}$   
Water Requirement: 9.9 gal/sack

Tail Slurry: (500' column height) 90 sacks Class "B" w/1% fluid loss additive.

Weight: 15.6 ppg  
Yield: 1.18  $\text{ft}^3/\text{sack}$   
Water Requirement: 5.2 gal/sack

Casing equipment will include a float shoe, float collar, and 6 centralizers.

5. Pressure Control Equipment:

BOP equipment will include a double-ram type preventer with pipe and blind rams and an annular preventer. All equipment will have a 3,000 psi or greater working pressure. Rams, valves, lines, choke manifold, and casing will be tested to 200 psi for 5 minutes and 1,500 psi for 5 minutes prior to drilling out from under 9-5/8" surface casing. After drilling casing shoe and 5 feet of additional hole, a shoe test will be performed to 13.0 ppg equivalent mud weight or leakoff, whichever occurs first. The accumulator should be of sufficient capacity to meet the following requirements:

1. Ability of immediate closure to all members of the stack without recharging.
2. A total of 50% of the original fluid should remain as a reserve after accumulator activation.
3. A minimum pressure of 1,200 psi is required to insure that the preventer remains closed.

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Visual checks of the equipment will be made tourly. Function pipe rams daily and blind rams on trips.

6. Drilling Mud Program:

<u>From</u>	<u>To</u>	<u>Type Mud</u>	<u>Weight</u>	<u>% Oil</u>	<u>Water Loss</u>
0'	1,950'	Spud	8.5-9.0	0	No Control
1,950'	3,129' Cutler	Gel/Water	8.5-9.0	0	No Control
3,129' Cutler	5,993' U. Ismay	Gel/Chemical	9.0-9.4	0	10.0-12.0 cc's
5,993' U. Ismay	T.D.	Gel/Chemical	As Required	0	8.0-9.0 cc's

Mud weights should be kept to a minimum to maximize ROP and minimize lost circulation. However, the existence of water flows may necessitate an increase in mud weight while drilling. Sufficient barite should be on location prior to spud in order to increase mud weight to 11.7 ppg if required.

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7. Auxiliary Equipment Required:

A drilling rate recorder, calibrated to record drilling time for each one foot drilled, will be used.

A kelly cock will be used and a full opening safety valve will be available on the rig floor.

The mud system will include a desander/desilter, gas buster, or degasser.

A manual adjustable choke will be used.

A single shot drift indicator will be used.

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Deviation Control:

<u>From</u>	<u>To</u>	<u>Maximum Distance Between Surveys</u>	<u>Maximum Deviation From Vertical</u>	<u>Maximum Change Per 100' of Depth</u>
0'	1,950'	250'	1°	1°
1,950'	T.D.	500'	5°	1°

8. Testing, Logging, Coring, and Fracing Program:

Samples: 10' intervals from 1,950' to T.D. with a two-man mud logging unit.

Logging: 1. DLL/MSFL/GR from T.D. to the surface casing shoe, with the GR to surface or as specified by a Marathon Representative.

2. BHC Sonic/VDL/GR from T.D. to surface casing.

3. FDC/CNL/GR from T.D. to surface casing.

4. The coriband (Cyberlook) service will be used from the top of the Honaker Trail Formation to T.D.

Testing: Three straddle packer open hole tests are anticipated.

Coring: Two (2) 60' cores are anticipated in the Upper Ismay.

One (1) 60' core is anticipated in the Desert Creek.

Fracing: If necessary, acid stimulated.

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9. Abnormal Conditions:

The DeChelly Member of the Cutler Formation, if penetrated, may contain over-pressured salt water requiring 10.5 to 11.5 ppg mud weight to control.

Maximum anticipated bottom hole pressure is approximately 3,000 psi.

Maximum anticipated bottom hole temperature is approximately 130°F.

10. Anticipated starting date and duration:

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Starting Date: March 1, 1984

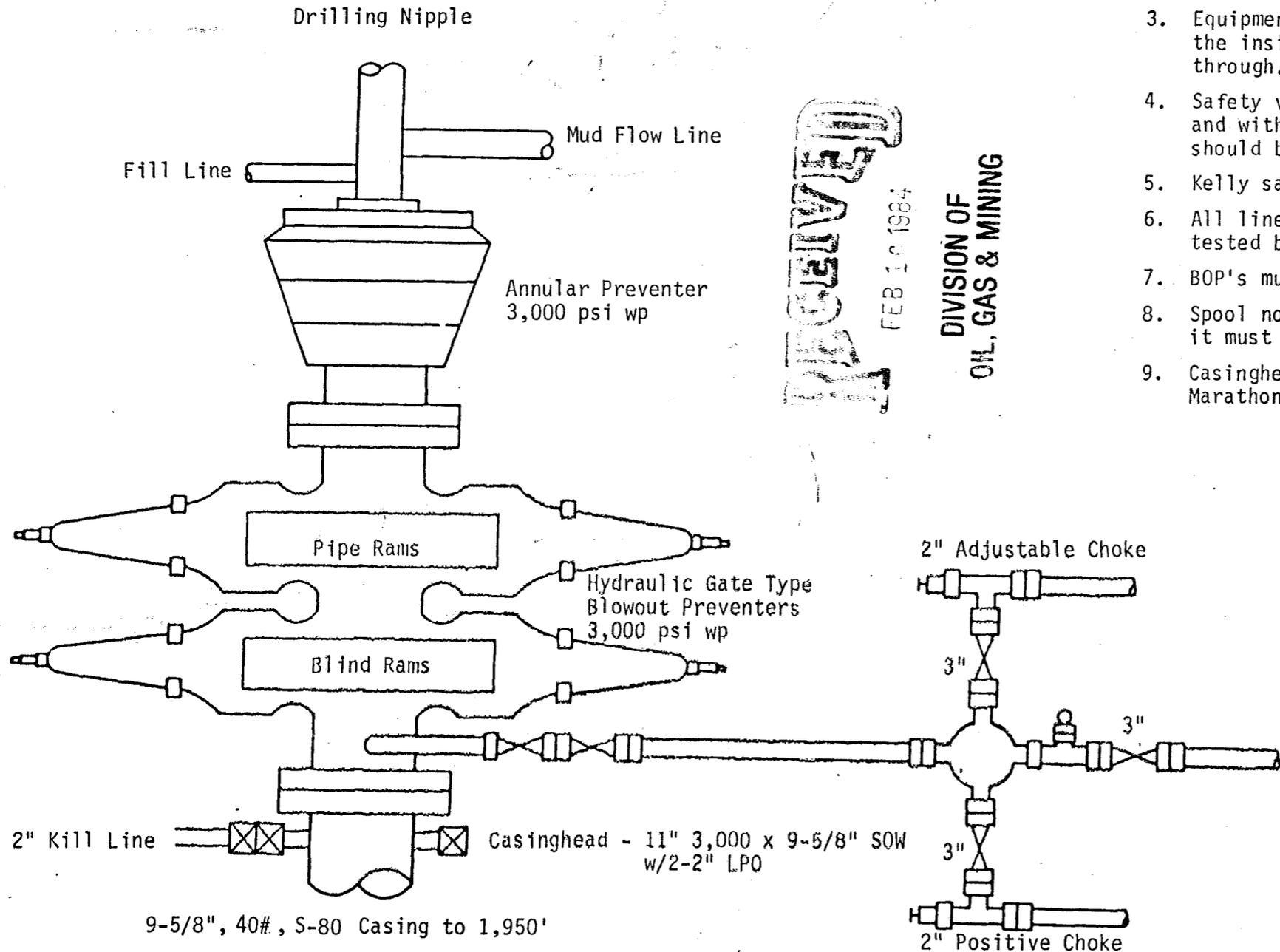
Duration: 22 Days

Name Gray A. Newberry  
Title Drilling Superintendent  
Date Feb 6, 1984

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McCracken Springs #1-32  
 Section 32, T37S, R24E  
 San Juan County, Utah



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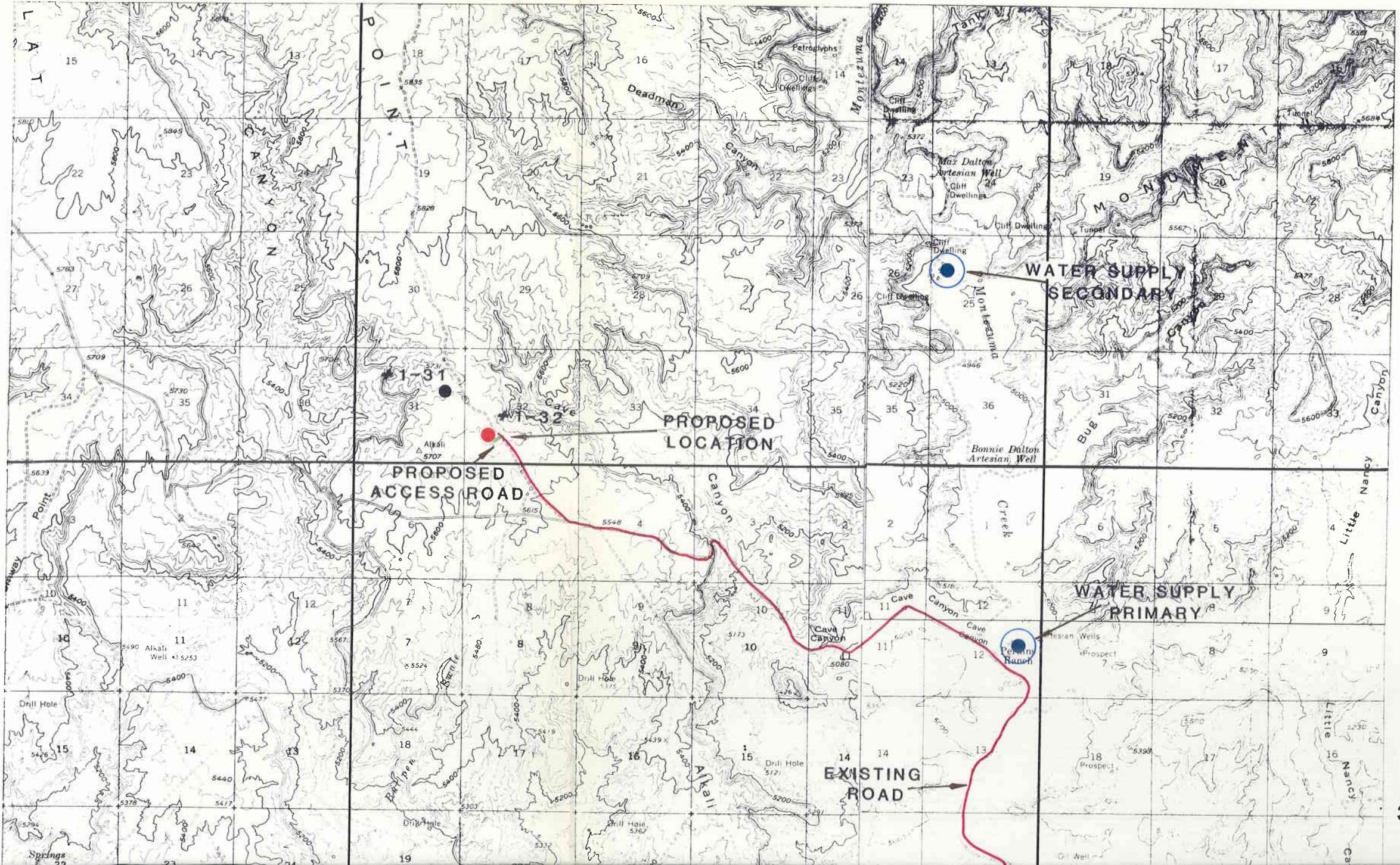
1. Blowout preventers, master valve, plug valve and all fittings must be in good condition. Use new API Seal Rings.
2. All fittings (gates, valves, etc.) to be of equivalent pressure rating as preventers. Valves to be flanged and at least 2" unless otherwise specified. Valves next to BOP to be plug type and nominal 3".
3. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
4. Safety valve must be available on rig floor at all times and with proper connections. The I.D. of safety valves should be as great as I.D. of tool joints on drill pipe.
5. Kelly safety valve installed, same working pressure as BOP's.
6. All lines and controls to preventers must be connected and tested before drilling out of surface pipe.
7. BOP's must be fluid operated, complete with accumulator.
8. Spool not required, but when side outlet on BOP's is used, it must be below bottom ram.
9. Casinghead and casinghead fittings to be furnished by Marathon Oil Company.

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R 23 E

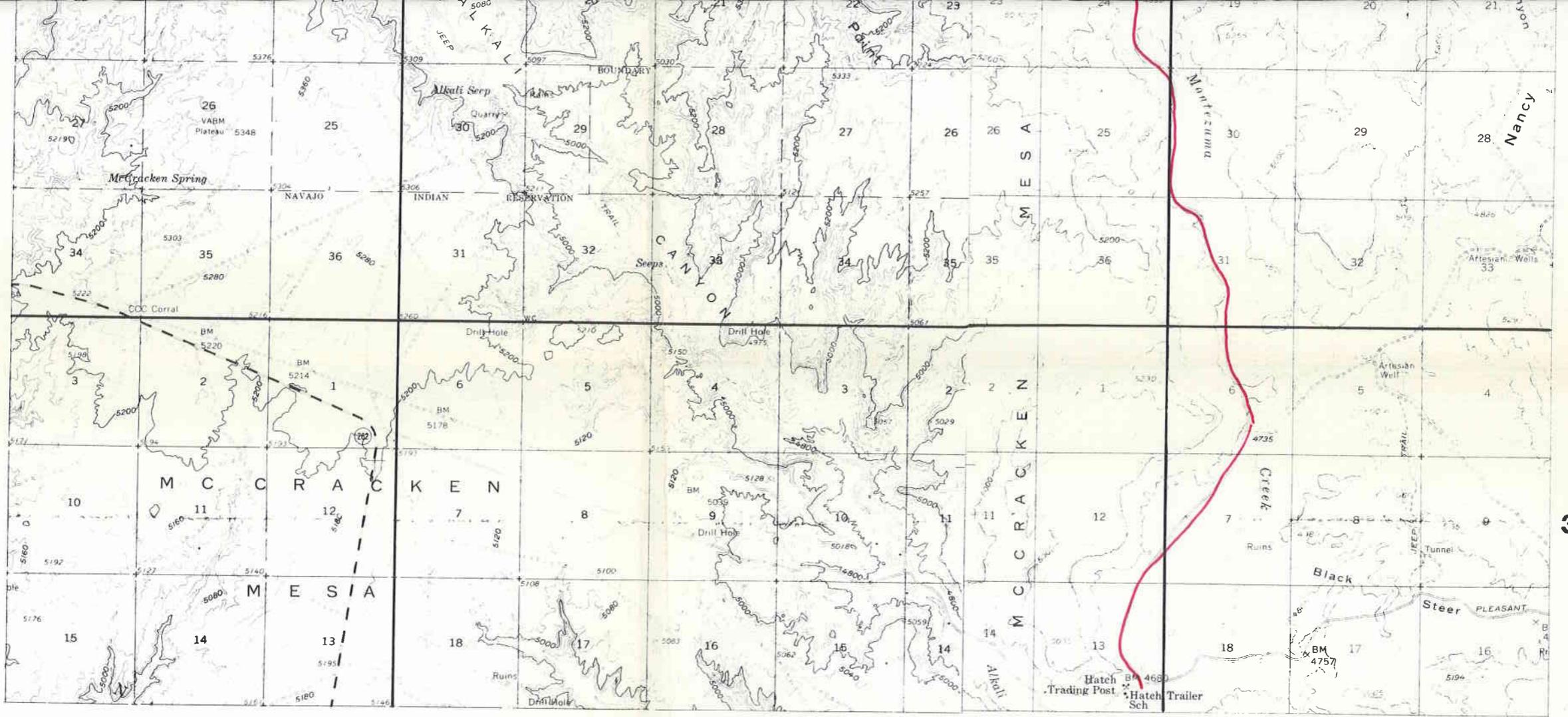
R 24 E

T 25 E



T 37 S

T 38 S



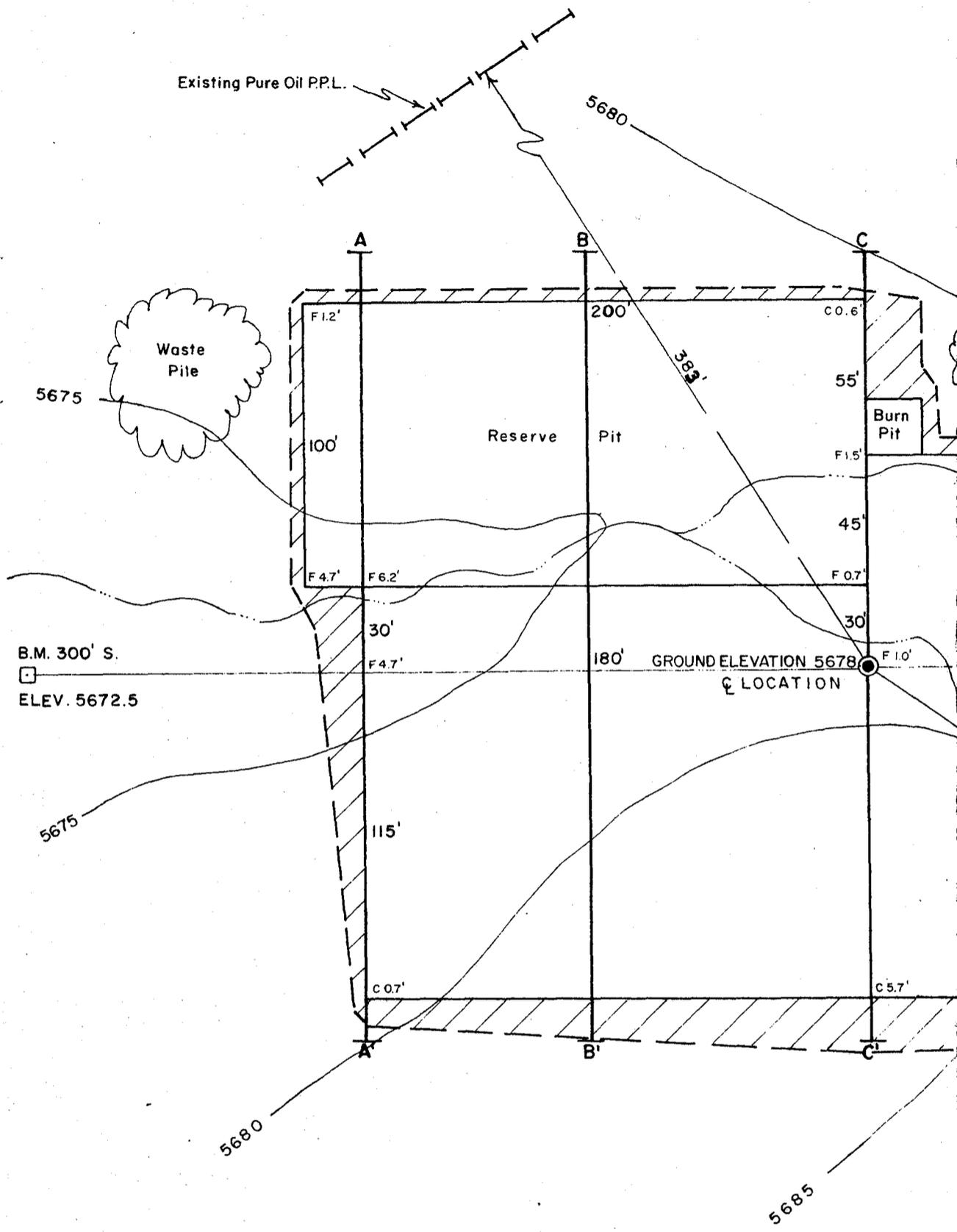
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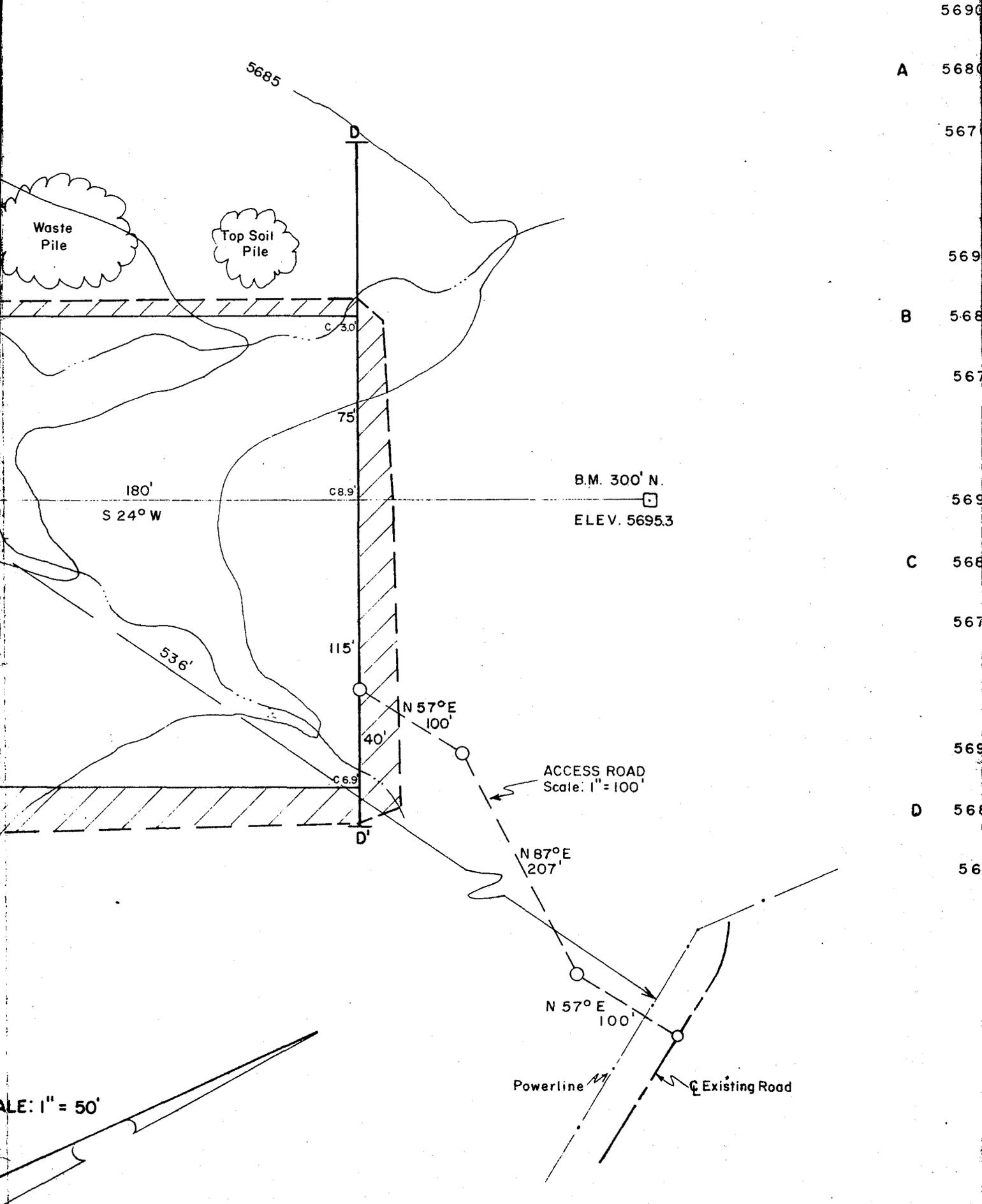
MARATHON OIL COMPANY  
**McCRACKEN SPRING**  
WELL # 1-32  
SEC. 32, T37S, R24E  
SAN JUAN CO., UTAH

DIAGRAM 



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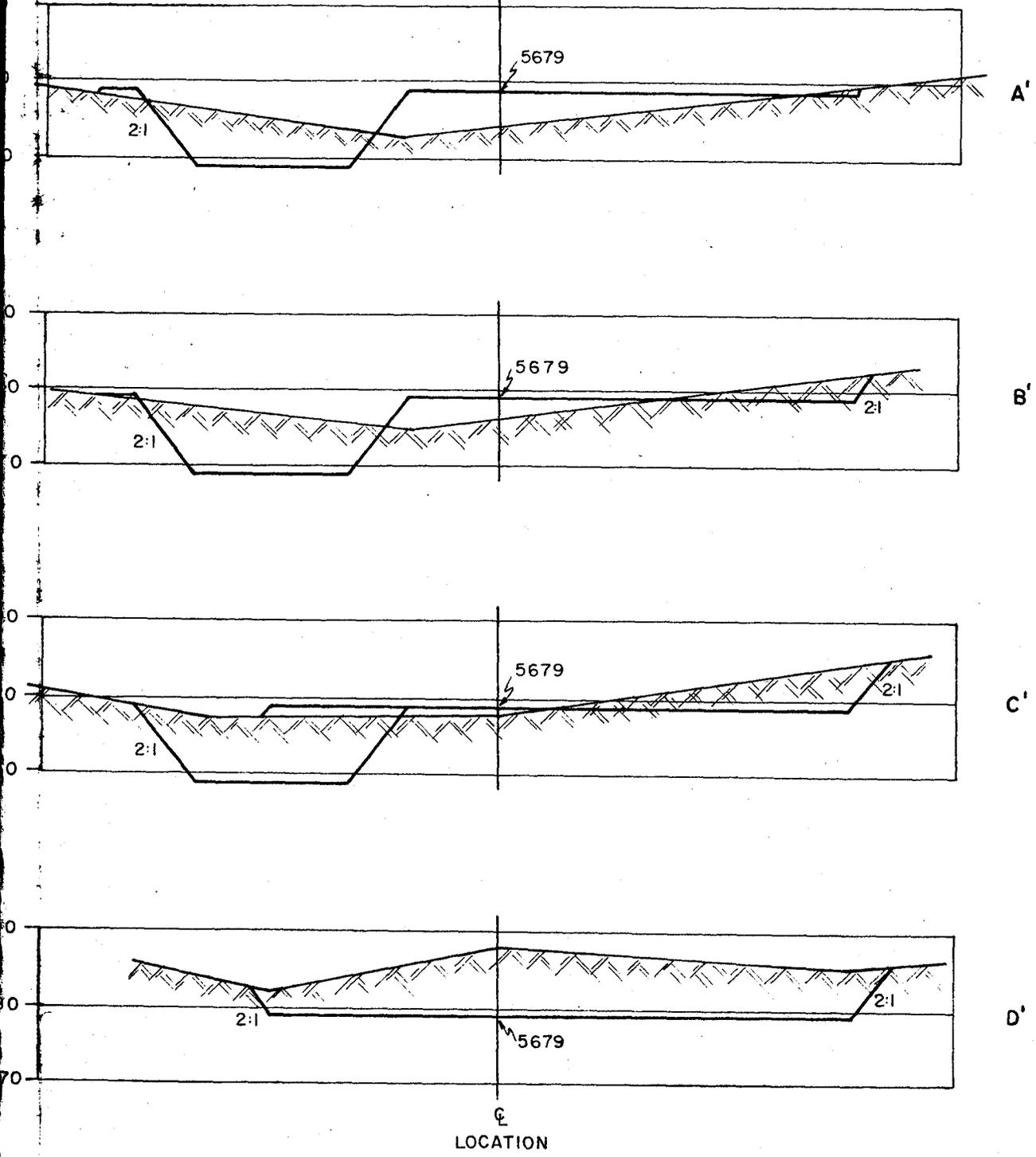
MARATHON OIL COMPANY - MCCrackEN SPRING WE  
NW/4, SW/4, SEC 32, T 37 S, R 24 E, S.L.M., SAN JUAN COUNTY, U



LL # 1-32  
TAH

CROSS SECTION

Horizontal Scale : 1" = 50'  
Vertical Scale : 1" = 20'



TOTAL VOLUMES

CUT = 10,877 CU. YDS.      FILL = 1765 CU. YDS.  
TOP SOIL = 185 CU. YDS.      WASTE = 9112 CU. YDS.  
RESERVE PIT CAPACITY = 20,600 BARRELS

DIAGRAM B'

<b>MARATHON OIL COMPANY</b> <b>CASPER, WYOMING</b>	
<b>WELL SITE PLAN</b> <b>MCCRACKEN SPRING WELL # 1-32</b> SEC. 32, T. 37 S., R. 24 E. SAN JUAN COUNTY, UTAH	
CLARK - REED & ASSOC., INC. Durango, Colorado	DATE: JAN. 27, 1984 File No.: 84002

**RECEIVED** CONFIDENTIAL

FEB 16 1984

DIVISION OF  
OIL, GAS & MINING

Casper Division  
Production United States



P.O. Box 2659  
Casper, Wyoming 82602  
Telephone 307/577-1555

February 14, 1984

**RECEIVED**  
FEB 16 1984

State of Utah  
Natural Resources & Energy  
Oil, Gas & Mining  
Attn: Arlene Sollis  
4241 State Office Building  
Salt Lake City, UT 84114

**DIVISION OF  
OIL, GAS & MINING**

Dear Arlene:

As of this date, I have not received the approved water permit for McCracken Spring #1-32.

✓ I will see you on the morning of the 21st. Hopefully, I will have the approved water permit with me at that time.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Walt West', with a long horizontal flourish extending to the right.

Walt West  
Regulatory Coordinator

WEW:jmb

enclosures



P.O. Box 2659  
Casper, Wyoming 82602  
Telephone 307/577-1555

February 14, 1984

State of Utah  
Natural Resources and Energy  
Oil, Gas & Mining  
Attn: Mr. Ronald J. Firth  
Chief Petroleum Engineer  
4241 State Office Building  
Salt Lake City, UT 84114

**CONFIDENTIAL**

Dear Mr. Firth:

RE: Request for Exception Location Under  
the Provision of Rule C-3-c for Geological  
Conditions for McCracken Spring #1-32,  
1,550' FSL & 550' FWL, Sec. 32, T37S, R24E,  
San Juan County, Utah; State Lease #ML-36199

The proposed location is on existing seismic control which shows that the reefal mound successfully drilled at Marathon Oil Company's #1-31 McCracken Spring extends into the SW/4 of Section 32. The seismic control indicates that the thickest and structurally highest extension of the mound, which is the most prospective portion of the reef, underlies the proposed location. Mound thickness decreases and structural elevation deepens rapidly northwest of this location.

Marathon Oil Company has a farm-in agreement with Celsius (Wexpro) and will be the operator of the well drilled on the above-described lands and will control the acreage within a 660' radius of the proposed well site. Attached is a Designation of Operator for giving Marathon the right to drill the proposed well.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Walt West', written over a horizontal line.

Walt West  
Regulatory Coordinator

WEW:jmb

attachments

**RECEIVED**  
FEB 16 1984

**DIVISION OF  
OIL, GAS & MINING**

Handwritten initials in the bottom right corner, possibly 'AC'.

~~CONFIDENTIAL~~

OPERATOR Marathon Oil Co.

DATE 2-16-84

WELL NAME M<sup>s</sup> Cracked Spring 1-32

SEC N5W 32 T 37S R 24E COUNTY San Juan

43-037-30984

API NUMBER

State

TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

Water of - #09-1340 (T59673) per Ron Chidwick / Water Rights  
Exception letter enclosed  
Designation of Operator enclosed

CHIEF PETROLEUM ENGINEER REVIEW:

✓ Map of Exception location / geology, etc  
✓ Notes pending  
✓ Bonding: State lands 1 &

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

1 Notes

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

No 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

February 20, 1984

Marathon Oil Company  
Attn: Walt West  
P. O. Box 2649  
Casper, Wyoming 82602

RE: Well No. McCracken Spring 1-32  
NWSW Sec. 32, T. 37S, R. 24E  
1550' FSL, 550' FWL  
San Juan County, Utah

Dear Walt:

Approval to drill the above referenced oil 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:

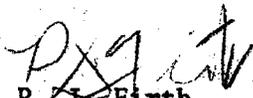
1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

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 R. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. 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 43-037-30984.

Sincerely,

  
R. J. Firth  
Chief Petroleum Engineer

RJF/as  
cc: Branch of Fluid Minerals

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

**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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Temporarily Abandon		5. LEASE DESIGNATION AND SERIAL NO. Utah ML-36199
2. NAME OF OPERATOR Marathon Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2659, Casper, WY 82602		7. UNIT AGREEMENT NAME McCracken Spring
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,550' FSL & 550' FWL NW SW		8. FARM OR LEASE NAME
14. PERMIT NO. 43-037-30984		9. WELL NO. 1-32
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,680' GL, 5,692' KB		10. FIELD AND POOL, OR WILDCAT Undesignated
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 32, T37S, R24E
		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) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Please See Below <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.)\*

We propose to keep the above captioned well status as Temporarily Abandoned as the field is developed; the need may arise for use of this well at a later date. The well has been plugged in accordance with State Engineer, Ron Firth's, recommendation in the following manner:

- #1 Plug 6,390-5,800' w/235 sx "B" cement.
  - #2 Plug 4,117-3,987' w/50 sx Class "B" cement.
  - #3 Plug 2,150-1,750' w/160 sx Class "B" cement.
- Cement slurry was 15.6 ppg.

Set Howco retainer @ 1,700' and tested 1,500 psi okay. Install blind flange on wellhead and test to 1,500 psi okay.

Released rig @ 4:30 p.m. April 27, 1984.

The well status, temporarily abandoned, was discussed between Mr. Ron Firth, State of Utah, SLC, and Walt West, MOC, April 30, 1984.

18. I hereby certify that the foregoing is true and correct  
SIGNED Doyle F. Jones TITLE District Operations Manager DATE April 30, 1984

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

\*See Instructions on Reverse Side

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

SUBMIT **TRIPPLICATE\***  
(On instructions on  
reverse side)

5. LEASE DESIGNATION AND SERIAL NO. **Utah ML-36199**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME **McCracken Spring**

9. WELL NO. **1-32**

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **Section 32, T37S, R24E**

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 **Temporarily Abandon**

2. NAME OF OPERATOR **Marathon Oil Company**

3. ADDRESS OF OPERATOR **P.O. Box 2659, Casper, WY 82602**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface **1,550' FSL & 550' FWL NW SW**

14. PERMIT NO. **43-037-30984** 15. ELEVATIONS (Show whether DF, RT, OR, etc.) **5,680' GL, 5,692' KB**

**RECEIVED**

**MAY 7 1984**

**CASPER DISTRICT  
OPERATIONS  
GOVERNMENT COMPLIANCE**

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)  **Please See Below**

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.)\*

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Cement slurry was 15.6 ppg.

Set Howco retainer @ 1,700' and tested 1,500 psi okay. Install blind flange on wellhead and test to 1,500 psi okay.

Released rig @ 4:30 p.m. April 27, 1984.

The well status, temporarily abandoned, was discussed between Mr. Ron Firth, State of Utah, SLC, and Walt West, MOC, April 30, 1984.

**RECEIVED**

*\*Operational status, only & does not address or deal with any lease considerations.* **MAY 03 1984** *Jan 5-7-84*

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

SIGNED *Doyle F. Jones* TITLE District Operations Manager DATE April 30, 1984

(This space for Federal or State office use)

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

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

DATE: 5/3/84  
BY: *[Signature]*

\*See Instructions on Reverse Side

*Joe*

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

**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.)

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		12. COUNTY OR PARISH San Juan																				
		13. STATE Utah																				

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 See Attachment

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

PROGRESS REPORT

From: 4-5-84 To: 4-28-84

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

SIGNED Darry Newberry by JRW TITLE Drilling Superintendent DATE May 4, 1984

(This space for Federal or State office use)

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

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

MCCRACKEN SPRINGS #1-32

4-5-84 554' MADE 504' IN MORRISON FORMATION. SPUD WELL @ 5:30 A.M. 4-4-84. RAN CSG AS FOLLOWS:

<u>NO.</u>	<u>JTS</u>	<u>SIZE</u>	<u>OVERALL LENGTH</u>	<u>EFFECTIVE LENGTH</u>	<u>SETTING FROM</u>	<u>DEPTH TO</u>
		WELLHD TO KB		14.40	0	14.40
1		9-5/8"X11"X3000#				
		B & B HD	1.42	1.06	14.40	15.46
1		9-5/8" 36#				
		CUTOFF	26.96	26.57	15.46	42.03
45		9-5/8" 36#				
		8RD S-80 LT&C	1880.33	1862.78	42.03	1904.81
1		9-5/8" DOWELL				
		FLT COLLAR	1.21	.95	1904.81	1905.76
1		9-5/8" 36# 8RD				
		S-80 LT&C	44.87	44.48	1905.76	1950.24
1		9-5/8" DOWELL				
		FLT SHOE	1.25	1.25	1950.24	1951.49
	<u>47</u>		<u>1956.04</u>	<u>1951.49</u>		

CEMENTED CSG W/480 SACKS OF CLASS LITE WT 3 W/2% CACL<sub>7</sub> 1/4#/SX CELLOFLAKE FOLLOWED BY 270 SACKS OF CLASS B W/2% CACL<sub>2</sub> 4#/CELLOFLAKE.

4-6-84 1,950' MADE 1,396' IN WINGATE FORMATION.

4-7-84 1,951' MADE 0' IN WINGATE FORMATION. RUN DIL-GR-SP & CAL 1,951' TO SURF. RIG & RUN 47 JTS 9-5/8" CSG & SET @ 1,951'. RIG, CMT W/480 SXS LITE FOLLOWED BY 270 SXS CL "B". TEST P.R. & HYDRIL, O.K.

4-8-84 2,918' MADE 967' IN SHINARUMP FORMATION. FORMATION TOPS: CHINLE 2,120', SHINARUMP: 2,846'.

4-9-84 3,800' MADE 882' IN CUTLER FORMATION. DEV DEPTH 3,416', ANGLE 1°. TOPS: MOENKOPI: 2,890'. CUTLER 3,150'.

4-10-84 4,647' MADE 847' IN CUTLER FORMATION. DEV DEPTH 3,937', ANGLE 3/4°, DEV DEPTH 4,500', ANGLE 3/4°.

4-11-84 5,012' MADE 455' IN HONAKER TRAIL FORMATION.

4-12-84 5,548' MADE 446' IN HONAKER TRAIL FORMATION. HONAKER TRAIL: 4,997'.

4-13-84 5,802' MADE 254' IN HONAKER TRAIL FORMATION.

4-14-84 6,043' MADE 241' IN UPPER ISMAY FORMATION.

4-15-84 6,103' MADE 60' IN UPPER ISMAY FORMATION.

4-16-84 6,164' MADE 61' IN HOVENWEEP FORMATION.

4-17-84 6,284' MADE 120' IN DESERT CREEK FORMATION. DEV DEPTH 6,225', ANGLE 1-1/2°. TOPS: LOWER ISMAY: 6,198', GOTHIC SHALE: 6,238', DESERT CREEK: 6,272'.

4-18-84 6,341' MADE 57' IN DESERT CREEK FORMATION.

4-19-84 6,390' MADE 49' IN AKAH FORMATION. DEV DEPTH 6,390', ANGLE 1-1/2°. RU LOGGERS. RUN #1: DLL-MSFL-GR. RAN DLL-GR FROM TD TO 6,000'. RUN #2: FDC-CNL-GR. PRESENTLY LOGGING.

MCCRACKEN SPRINGS #1-32

- 4-20-84 6,390' MADE 0' IN AKAH FORMATION. RUN #3: BHC-SONIC-VDL-GR, RUN #4: DLL-MSFL-GR.  
RD LOGGERS.
- 4-21-84 6,390' MADE 0' IN AKAH FORMATION. RIH W/DST #1.
- 4-22-84 6,390' MADE 0' IN AKAH FORMATION. POH FOR DST #2.
- 4-23-84 6,390' MADE 0' IN AKAH FORMATION. FIN DST #2.
- 4-24-84 6,390' MADE 0' IN AKAH FORMATION.
- 4-25-84 6,390' MADE 0' IN AKAH FORMATION.
- 4-26-84 6,390' MADE 0' IN AKAH FORMATION. FIN DST #3A.
- 4-27-84 6,390' MADE 0' IN AKAH FORMATION. LD DST TOOLS, RIH SET #1 PLUG 6,390'-5,800'-235 SXS  
"B", #2 PLUG 4,117'-3,987', 50 SXS "B", #3 PLUG 2,150'-1,750'-160 SXS "B".  
PRESENTLY CIRC TO SET RTNR.
- 4-28-84 6,390' MADE 0' IN AKAH FORMATION. PU RTNR. RIH & SET RTNR @ 1,700' TEST TO 1,500  
PSI, RELEASED RIG @ 4:30 P.M. 4-27-84. FINAL REPORT.

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

**CONFIDENTIAL**

(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Utah ML-36199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McCracken Spring

9. WELL NO.

1-32

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Section 32, T37S, R24E

12. COUNTY OR PARISH

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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.)

**RECEIVED**

**MAY 7 1984**

**DIVISION OF OIL  
GAS & MINING**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 2659, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1,550' FSL & 550' FWL

14. PERMIT NO.  
43-037-30984

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5,680' GL, 5,692' KB

**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)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

Please See Attachment

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.)

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PROGRESS REPORT

From: 4-5-84 To: 4-28-84

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

SIGNED Mary Newberry by JRC

TITLE Drilling Superintendent

DATE May 4, 1984

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

MCCRACKEN SPRINGS #1-32

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RD LOGGERS.

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4-23-84 6,390' MADE 0' IN AKAH FORMATION. FIN DST #2.

4-24-84 6,390' MADE 0' IN AKAH FORMATION.

4-25-84 6,390' MADE 0' IN AKAH FORMATION.

4-26-84 6,390' MADE 0' IN AKAH FORMATION. FIN DST #3A.

4-27-84 6,390' MADE 0' IN AKAH FORMATION. LD DST TOOLS, RIH SET #1 PLUG 6,390'-5,800'-235 SXS  
"B", #2 PLUG 4,117'-3,987', 50 SXS "B", #3 PLUG 2,150'-1,750'-160 SXS "B".  
PRESENTLY CIRC TO SET RTNR.

4-28-84 6,390' MADE 0' IN AKAH FORMATION. PU RTNR. RIH & SET RTNR @ 1,700' TEST TO 1,500  
PSI, RELEASED RIG @ 4:30 P.M. 4-27-84. FINAL REPORT.

MCCRACKEN SPRINGS #1-32

4-5-84 554' MADE 504' IN MORRISON FORMATION. SPUD WELL @ 5:30 A.M. 4-4-84. RAN CSG AS FOLLOWS:

<u>NO.</u>	<u>SIZE</u>	<u>OVERALL</u>	<u>EFFECTIVE</u>	<u>SETTING</u>	<u>DEPTH</u>
<u>JTS</u>		<u>LENGTH</u>	<u>LENGTH</u>	<u>FROM</u>	<u>TO</u>
	WELLHD TO KB		14.40	0	14.40
1	9-5/8"X11"X3000#				
	B & B HD	1.42	1.06	14.40	15.46
1	9-5/8" 36#				
	CUTOFF	26.96	26.57	15.46	42.03
45	9-5/8" 36#				
	8RD S-80 LT&C	1880.33	1862.78	42.03	1904.81
1	9-5/8" DOWELL				
	FLT COLLAR	1.21	.95	1904.81	1905.76
1	9-5/8" 36# 8RD				
	S-80 LT&C	44.87	44.48	1905.76	1950.24
1	9-5/8" DOWELL				
	FLT SHOE	1.25	1.25	1950.24	1951.49
<u>47</u>		<u>1956.04</u>	<u>1951.49</u>		

CEMENTED CSG W/480 SACKS OF CLASS LITE WT 3 W/2% CACL<sub>2</sub> 1/4#/SX CELLOFLAKE FOLLOWED BY 270 SACKS OF CLASS B W/2% CACL<sub>2</sub> 4#/CELLOFLAKE.

- 4-6-84 1,950' MADE 1,396' IN WINGATE FORMATION.
- 4-7-84 1,951' MADE 0' IN WINGATE FORMATION. RUN DIL-GR-SP & CAL 1,951' TO SURF. RIG & RUN 47 JTS 9-5/8" CSG & SET @ 1,951'. RIG, CMT W/480 SXS LITE FOLLOWED BY 270 SXS CL "B". TEST P.R. & HYDRIL, O.K.
- 4-8-84 2,918' MADE 967' IN SHINARUMP FORMATION. FORMATION TOPS: CHINLE 2,120', SHINARUMP: 2,846'.
- 4-9-84 3,800' MADE 882' IN CUTLER FORMATION. DEV DEPTH 3,416', ANGLE 1°. TOPS: MOENKOPI: 2,890'. CUTLER 3,150'.
- 4-10-84 4,647' MADE 847' IN CUTLER FORMATION. DEV DEPTH 3,937', ANGLE 3/4°, DEV DEPTH 4,500', ANGLE 3/4°.
- 4-11-84 5,012' MADE 455' IN HONAKER TRAIL FORMATION.
- 4-12-84 5,548' MADE 446' IN HONAKER TRAIL FORMATION. HONAKER TRAIL: 4,997'.
- 4-13-84 5,802' MADE 254' IN HONAKER TRAIL FORMATION.
- 4-14-84 6,043' MADE 241' IN UPPER ISMAY FORMATION.
- 4-15-84 6,103' MADE 60' IN UPPER ISMAY FORMATION.
- 4-16-84 6,164' MADE 61' IN HOVENWEEP FORMATION.
- 4-17-84 6,284' MADE 120' IN DESERT CREEK FORMATION. DEV DEPTH 6,225', ANGLE 1-1/2°. TOPS: LOWER ISMAY: 6,198', GOTHIC SHALE: 6,238', DESERT CREEK: 6,272'.
- 4-18-84 6,341' MADE 57' IN DESERT CREEK FORMATION.
- 4-19-84 6,390' MADE 49' IN AKAH FORMATION. DEV DEPTH 6,390', ANGLE 1-1/2°. RU LOGGERS. RUN #1: DLL-MSFL-GR. RAN DLL-GR FROM TD TO 6,000'. RUN #2: FDC-CNL-GR. PRESENTLY LOGGING.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

RECEIVED

October 30, 1984

NOV 09 1984

DIVISION OF OIL  
GAS & MINING

Marathon Oil Company  
P.O. Box 2659  
Casper, Wyoming 82602

Gentlemen:

Re: Well No. McCracken Spring 1-32, Section 32, T. 37S, R. 24E, San Juan County, Utah.

This letter will advise you that the "Well Completion or Recompletion Report and Log" form OGC-3, for the subject well is due as required by our rules and regulations. In addition, because the last reported date of well activity was April 27, 1984, the period of confidential status on this well will expire at the end of January, 1985, unless it is shown that additional operations have been performed to either complete the well for production or permanently abandon the well.

Rule C-5 of the General Rules of Regulations of the Board of Oil, Gas and Mining states that the well log shall be filed with the Division within ninety (90) days after suspension of operations on, abandonment of, or the completion of any well drilled for the production of oil and gas. Thus, the Division has determined that such report is needed for the subject well.

Additionally, the statutory limitation on well log confidentiality was extended by Utah Senate Bill No. 157 which was passed in 1983 to allow six (6) months of confidential status after the date on which the well log is required to be filed. Therefore, unless further activity is undertaken to complete the well for production or to permanently abandon the well, the period of confidential status for the subject well will expire at the end of January, 1985.

*Please See attached Copy for Temp. Abandonment - Any questions, contact Office - Ron Firth - Please discuss between mv. Ron Firth & walt west 11-6-84 west mae*

RECEIVED

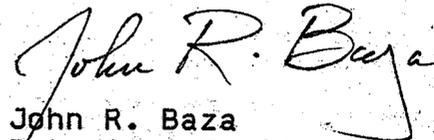
NOV 5 1984

CASPER DISTRICT  
OPERATIONS  
GOVERNMENT-COMPLIANCE

Page 2  
Marathon Oil Company  
October 30, 1984

The necessary form is enclosed for your convenience in complying with these rules. Thank you for your prompt consideration of this matter.

Sincerely,



John R. Baza  
Petroleum Engineer

sb  
Enclosures  
cc: D.R. Nielson  
R.J. Firth  
Well File  
96840-61-62



STATE OF UTAH  
 NATURAL RESOURCES  
 Oil, Gas & Mining

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

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

April 26, 1985

Marathon Oil Company  
 PO Box 2659  
 Casper, Wyoming 82602

Gentlemen:

Re: Well No. McCracken Springs 1-32 - Sec.32, T. 37S., R. 24E.,  
 San Juan County, Utah - API #43-037-30984

This letter is to advise you that the "Well Completion or  
 Recompletion Report and Log" for the above referenced well is due  
 and has not been filed with this office as required by our rules and  
 regulations.

Please complete the enclosed Form OGC-3, and forward it to this  
 office as soon as possible, but not later than May 8, 1985.

Sincerely,

*Pam Kenna*

Pam Kenna  
 Well Records Specialist

Enclosure

cc: Dianne R. Nielson  
 Ronald J. Firth  
 John R. Baza  
 File

0170S/78

*Marathon will  
 send me.*

*Per Hank  
 Krugh. 5.1.85  
 H.*

12

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

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other Temporarily Abandon

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

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 2659, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface NW SW 1550' FSL & 550' FWL  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
Utah ML-36199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
McCracken Springs

9. WELL NO.  
1-32

10. FIELD AND POOL, OR WILDCAT  
Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 32, T37S, R24E

14. PERMIT NO. 43-037-30984 DATE ISSUED 2-20-84

12. COUNTY OR PARISH San Juan 13. STATE Utah

15. DATE SPUDED 4-4-84 16. DATE T.D. REACHED 4-19-84 17. DATE COMPL. (Ready to prod.) 4-28-84 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5692' KB 19. ELEV. CASINGHEAD 5680' GL

20. TOTAL DEPTH, MD & TVD 6390' KB 21. PLUG, BACK T.D., MD & TVD 1750' KB 22. IF MULTIPLE COMPL., HOW MANY\* --- 23. INTERVALS DRILLED BY 0 ROTARY TOOLS 6390' KB CABLE TOOLS ---

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

25. WAS DIRECTIONAL SURVEY MADE  
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-GR-SP, DLL-GR, DC-CNL-GR, DLL-MSEL-GR, ~~DL-MSTE-GR~~, BHC-Sonic-VDL-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
9-5/8"	36#	1951'		750 sx - Surface	None

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)  
No Perforations

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) Temporarily Abandoned WELL STATUS (Producing or shut-in) Temporarily Abandoned

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  
Well Bore Diagram showing Plug Placement

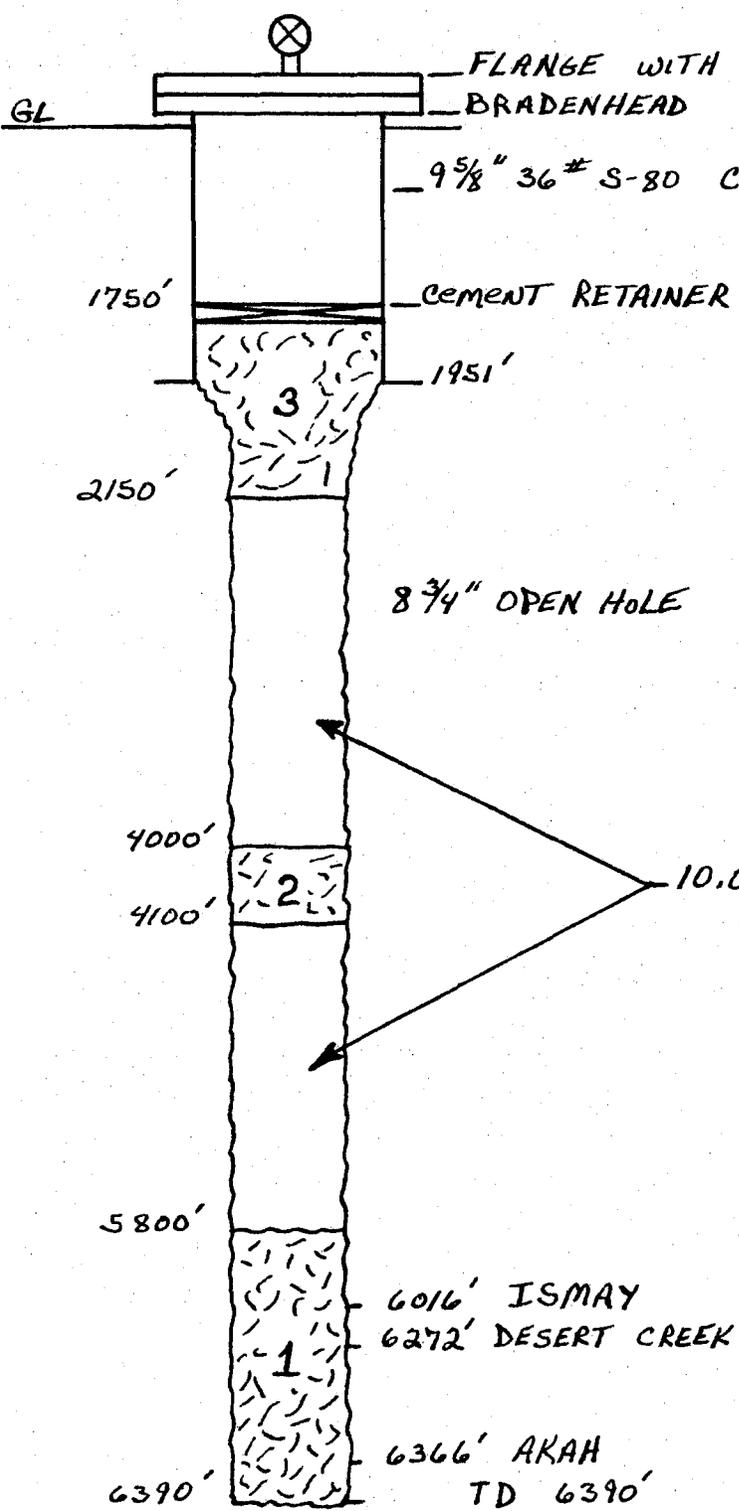
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. G. Clayton FOR D. L. JONES TITLE District Operations Manager DATE May 1, 1985

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



**CRACKEN SPRINGS #1-2**  
 NW SW SEC. 32, T37S, R24E  
 SAN JUAN COUNTY, UTAH



CEMENT PLUGS

- PLUG #1 FROM 6390' TO 5800', 235 SX "B"
- PLUG #2 FROM 4100' TO 4000', 50 SX "B"
- PLUG #3 FROM 2150' TO 1750', 160 SX "B"
- CEMENT RETAINER SET AT 1750'

10.0 PPG 42 VIS. MUD

NOTE: APPROVAL FOR TEMPORARILY ABANDONING, FOLLOWING THIS PROCEDURE WAS GIVEN BY MR. R.J. FIRTH TO MR. GUY WHITLOCK ON 4-24-84.

6016' ISMAY  
 6272' DESERT CREEK  
 6366' AKAH  
 TD 6390'



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

October 4, 1985

Marathon Oil Company  
P.O. Box 2659  
Casper, Wyoming 82602

Gentlemen:

Re: Well No. McCracken Springs 1-32 - Sec. 32, T. 37S., R. 24E.,  
San Juan County, Utah - API #43-037-30984

According to our records a "Well Completion Report" filed with this office May 1, 1985 on the above referenced well indicates the following electric logs were run: DC-CNL-GR, DLL-MSFL,GR, BHC-Sonic-VDL-GR. This office has not yet received the first run of these logs.

Please take care of this matter as soon as possible, but not later than October 18, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna  
Well Records Specialist

Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/22

COMPANY: Marathon Oil Co. UT ACCOUNT # \_\_\_\_\_ SUSPENSE DATE: 12-1-88

WELL NAME: M<sup>c</sup>Cracker Spring 1-32

API #: 43-037-30984

TELEPHONE CONTACT DOCUMENTATION

SEC, TWP, RNG: 32, 37S 24E

CONTACT NAME: Carl Bassett

CONTACT TELEPHONE NO.: 307-587-4961

SUBJECT: Inspector shows well P+ A'd. Mr. Bassett will ck on P+ A  
date x plugs sets. Will send new paper work in. <sup>Some of the</sup> first  
run of logs did not work. Will send in what they have.

(Use attachments if necessary)

RESULTS: Well is now P+ A'd. Will send Sunday A.S.A.P.  
As per inspection 9/28/88 site is rehabed. (per Frank Kline of Marathon)

(Use attachments if necessary)

CONTACTED BY: ASollis

DATE: 10/31/88



P.O. Box 2690  
Cody, Wyoming 82414  
Telephone 307/587-4961

November 3, 1988

**RECEIVED**  
NOV 07 1988

Utah State Division of Oil,  
Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

DIVISION OF  
OIL, GAS & MINING

Attn: Arlene Sollis

RE: McCracken Spring #1-32 WELL LOGS  
Township 37 South, Range 24 East  
Section 32  
San Juan County, Utah

Dear Mrs. Sollis:

Pursuant to your telephone request of October 18, 1988, enclosed please find one (1) copy each of two logs which the State had not received in connection with the above-referenced lease.

Marathon apologizes for any inconvenience which may have been caused by not sending the logs earlier. It was believed all the logs had been sent at the time they were run.

Also, the file status report for the plugging and abandonment of the #1-32 McCracken Spring well is being handled by Marathon's Government Compliance group. The report should be completed in the next 30 days.

If you have any further questions or need additional information, please don't hesitate to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read 'C. L. Bassett'.

C. L. Bassett  
Landman

CLB:by  
009/CLB  
Enclosures

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File McCrackin Spring # 1-32

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other

(Location) Sec 32 Twp 37S Rng 24E  
(API No.) 43-037-30984

1. Date of Phone Call: 5-10-89 Time: 3:45 pm

2. DOGM Employee (name) Jim Simpson (Initiated Call )  
Talked to:

Name Jim Van Gulde (Initiated Call ) - Phone No. (303) 565-0565  
of (Company/Organization) Marathon Oil Co.

3. Topic of Conversation: well plugging

4. Highlights of Conversation:

- Cement return is set @ 1750' in 9 5/8" casing.
- will cut off dig hole marked, and fill remainder with sedi-mix, will send in sunday when work is completed. Work will begin in the next 2 weeks.
- Glenn Gordon will witness final plugging.
- Sunday will include all pipe work and final work on the well.
- OK to fill casing again by JLT 5-10-89.

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

5. LEASE DESIGNATION AND SERIAL NO.  
Utah ML-36199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
McCracken Springs

9. WELL NO.  
1-32

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 32, T37S, R24E

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  Dry Hole

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 2690, Cody, Wyoming 82414

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
NWSW 1550' FSL & 550' FWL

14. PERMIT NO.  
43-037-30984

15. ELEVATION (Show whether DS, ST, OR, etc.)  
5692' KB

RECEIVED  
MAY 30 1989

DIVISION OF OIL, GAS & MINING  
SUDOGM-Orig & 3--cc: BLM-2, WRF, FMK, TKS, Title & Contract (Houston)  
FILE

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 checked="" type="checkbox"/>	(Other) <input type="checkbox"/>

(Other) See Below

(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.)

A request to your office has been made to properly plug and abandon this well. In order to proceed with the proposal a pit approximately 15' x 15' x 8' will need to be constructed near the wellbore in order to collect displaced fluids which are to be encountered during the actual cement work.

Approval to construct this pit is requested at this time. Once the pit is dry, it will be rehabilitated.

SUDOGM-Orig & 3--cc: BLM-2, WRF, FMK, TKS, Title & Contract (Houston)

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

SIGNED RPM TITLE Regulatory Coordinator DATE May 26, 1989

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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

\*See Instructions on Reverse Side  
DATE: 6-8-89  
BY: [Signature]

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

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

5. LEASE DESIGNATION AND SERIAL NO.  
Utah ML-36199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
McCracken Springs

9. WELL NO.  
1-32

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 32, T37S, R24E

12. COUNTY OR PARISH 13. STATE  
San Juan 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 Dry Hole

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 2690, Cody, Wyoming 82414

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.)  
At surface  
NWSW 1550' E1/4 & 550' FWL

14. PERMIT NO.  
43-037-30984

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5692' KB

RECEIVED  
MAY 30 1989

DIVISION OF  
OIL, GAS & MINING

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"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
FULL OR ALTER CASING		REPAIRING WELL	
MULTIPLE COMPLETE		ALTERING CASING	
ABANDON*		ABANDONMENT*	
CHANGE FORM			

(Other) See Below

(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 above referenced well is presently temporarily abandoned with 3 cement plugs and a cement retainer located at 1750' inside the 9-5/8" surface casing. (Refer to the attached wellbore diagram). Marathon requests approval to permanently abandon this well by cutting the existing dry hole marker and flange from the surface casing, fill the hole with cement from 1750' to surface, and reinstall the dry hole marker.

SUDOGM-Orig & 3--cc: BLM-2, WRF, FMK, TKS, Title & Contract (Houston)

18. I hereby certify that the foregoing is true and correct  
SIGNED R.P. Meador TITLE Regulatory Coordinator DATE May 26, 1989

(This space for Federal or State office use)

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

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

DATE: 6-8-89  
BY: [Signature]  
\*See Instructions on Reverse

MC CRACKEN SPRINGS #122

NW SW SEC. 32, T37S, R24E

SAN JUAN COUNTY, UTAH

Dry hole marker (presently exists)



FLANGE WITH ~~PIPE~~ DRY HOLE MARKER  
BRADENHEAD

GL  
9 5/8" 36# S-80 CSG. SET AT 1951'

1750' CEMENT RETAINER

1951'

2150'

8 7/4" OPEN HOLE

4000'

4100'

10.0 PPG 42 VIS. MUD

5800'

6016' ISMAY  
6272' DESERT CREEK

6390'

6366' AKAH  
TD 6390'

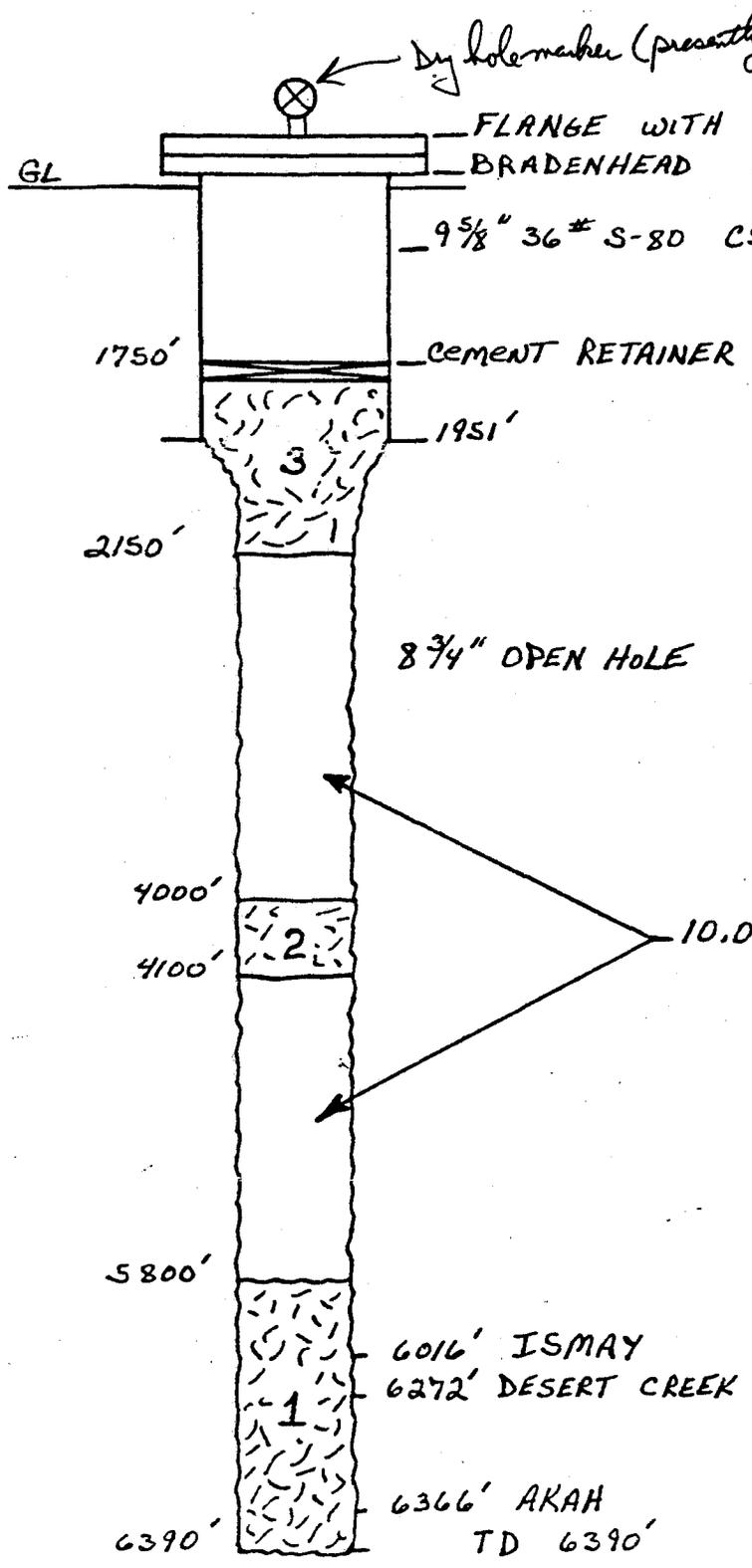
CEMENT PLUGS

PLUG #1 FROM 6390' TO 5800', 235 SX "B"

PLUG #2 FROM 4100' TO 4000', 50 SX "B"

PLUG #3 FROM 2150' TO 1750', 160 SX "B"

CEMENT RETAINER SET AT 1750'



UTAH DIVISION OF OIL, GAS AND MINING  
CONDITIONS OF APPROVAL FOR PLUGGING AND ABANDONMENT OF WELL

McCracken Springs #1-32 Well  
Section 32, T. 37S, R. 24E  
San Juan County, Utah  
June 8, 1989

Reference document: Sundry notice dated May 26, 1989.

1. The operator shall notify the Division of Oil, Gas and Mining at least 24 hours prior to the commencement of plugging operations to allow for witnessing of operations by a Division representative.

OI58/85

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

5. LEASE DESIGNATION AND SERIAL NO.	Utah ML-36199
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	---
8. FARM OR LEASE NAME	McCracken Springs
9. WELL NO.	1-32
10. FIELD AND POOL, OR WILDCAT	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 32, T37S, R24E
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.)

RECEIVED  
AUG 25 1989  
DIVISION OF OIL, GAS & MINING

1. OIL WELL  GAS WELL  OTHER Dry Hole

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 2690, Cody, Wyoming 82414

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
NWSW 1550' FSL & 550' FWL

14. PERMIT NO.  
43-037-30984

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5692' KB

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

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

Final Abandonment of the above referenced well was performed in the following manner:

1. Removed dry hole marker.
2. Filled the hole with 17 yards of 5 sack ready mix cement.
3. Welded on dry hole marker.

The above work was witnessed by Mr. Glen Goodwin with the State of Utah Division of Oil, Gas and Mining.

The remaining disturbed area will be reseeded in October.

SUDOGM-Orig & 3--cc: BLM-2, WRF, FMK, WTR, GBP, Title & Contract (Houston)

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

SIGNED [Signature] TITLE Regulatory Coordinator DATE August 23, 1989

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY: