

FILE NOTATIONS

Entered in NID File ✓
 Entered on S R Sheet _____
 Location Map Pinned ✓
 Card Indexed 7
 IWR for State or Fee Land _____

Checked by Chief PMB
 Copy NID to Field Office —
 Approval Letter 7
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 7-9-65 Location Inspected _____
 OW _____ WW _____ TA _____ Bond released _____
 GW _____ OS _____ PA ✓ State of Fee Land _____

LOGS FILED

Driller's Log 9-2-65
 Electric Logs (No.) 2

E _____ L _____ EI ✓ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic ✓ Others _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0122102

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME ✓
O'Connell Government

9. WELL NO.
1 ✓

10. FIELD AND POOL, OR WILDCAT
Wildcat-Recapture Creek ✓

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA ✓
Sec. 12, T-38S, R-22E

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

17. NO. OF ACRES ASSIGNED TO THIS WELL

22. APPROX. DATE WORK WILL START*
June 15, 1965

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
Marathon Oil Company ✓

3. ADDRESS OF OPERATOR
P. O. Box 120, Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At proposed prod. zone
660' FNL, 660' FEL, Sec. 12, T-38S, R-22E, San Juan County, Utah
At proposed prod. zone
NE, NE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
27 miles South of Monticello, Utah ✓

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)
660' ✓

16. NO. OF ACRES IN LEASE
1280 ✓

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None ✓

19. PROPOSED DEPTH
6200' ✓

20. ROTARY OR CABLE TOOLS
Rotary

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

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	48# H-40	200' ✓	To surface ✓
7-7/8"	5 1/2"	15.5# J-55	6200' ✓	

It is our intention to drill this well to approximately 6200'. We will land approximately 200' of 13-3/8" surface casing and cement to surface. If a water flow is encountered we will land and cement a sufficient amount of 8-5/8" intermediate casing to control the flow. If commercial production is encountered we will run a 5 1/2", 15.5#, J-55 long string and cement with sufficient cement to conform to state regulations.

Expected tops are as follows:

Navajo	1200'
Chinle	2200'
DeChelly	3200' ✓
Hermosa	4900' ✓
Paradox "A"	5775'
TD	6200' ✓

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 H. C. Sylvester TITLE Division Operations Manager DATE June 4, 1965
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

COMPANY MARATHON OIL COMPANY

Well Name & No. # 1 Government

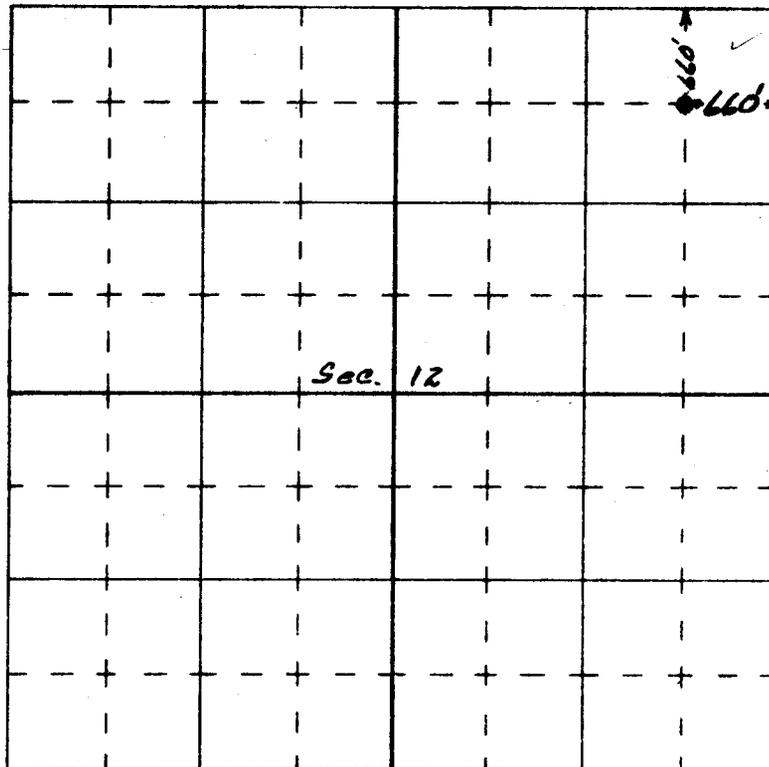
Lease No. _____

Location 660' FROM THE NORTH LINE & 660' FROM THE EAST LINE

Being in Center NE NE

Sec. 12, T 38 S, R 22 E, S.I.W., San Juan County, Utah

Ground Elevation 5438' ungraded



Scale — 4 inches equals 1 mile

Surveyed 5 June, 19 65

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Registered Land Surveyor.
Robert H. Ernst
Colo. PE & LS 4979
N. Mex. PE & LS 2463

ERNST ENGINEERING CO, DURANGO, COLORADO

June 9, 1965

Marathon Oil Company
P. O. Box 120
Casper, Wyoming

Re: Notice of Intention to Drill Well
No. O'Connell-Gov't 1, 660' FNL &
660' FEL of Section 12, T 38 S, R.
22 E, SLEB, San Juan County, Utah

Gentlemen:

Insofar as this office is concerned approval to drill the above mentioned well is hereby granted.

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

Paul W. Burchell, Chief Petroleum Engineer
Home : 277-2890, Salt Lake City

Harvy L. Coonts, Petroleum Engineer
Home: 487-1113, Salt Lake City

Office: 328-5771

This approval terminates within 90 days if this well has not been spudded in within said period.

Enclosed please find Form OGCC 8-X, which is to be completed if water sands are encountered while drilling, particularly accessible near surface water sands. Your cooperation with respect to completing this form will be very much appreciated.

Very truly yours

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:kgw

cc: Jerry Long, District Engineer
U. S. Geological Survey

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE MANNER SPECIFIED
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Utah 0122102																				
2. NAME OF OPERATOR Marathon Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
3. ADDRESS OF OPERATOR P. O. Box 120, Casper, Wyoming 82602		7. UNIT AGREEMENT NAME																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL, 660 FHL, Sec 12, T-38S, R-22E, San Juan County, Utah		8. FARM OR LEASE NAME Connell Government																				
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5438 SR / 5450 KB	9. WELL NO. 1																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Wildcat-Recapture Creek																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> </tr> </table>		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"/>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 12, T 38S, R 22E
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REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>																			
		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.)*

June 14, 1965 - Spudded 1:00 am, drilled to 216ft.

June 15, 1965 - Drilled 64ft, for a total of 280ft. Ran casing as follows: 10 ft, 13 3/8" O.D., 40' , 8rd thd, Grade 40 S&W, range 2, Cond #1. Overall 260.12 ft, effective 257.20, landed at 271.20 from AB.

June 16, 1965 - R.O.C. for 12 hours. Cut off casing and welded on casing shoe.

June 17, 1965 - Drilled out as follows: 0 to 245 open hole - 245 to 249 cement - 249 to 250 plug - 250 to 270 cement - 270 to 271 shoe - 271 to 274 cement. Drilling ahead.

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

SIGNED: [Signature] TITLE: Area Superintendent DATE: June 17, 1965

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER Utah 0122102
UNIT O'Connell Govt. #1

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Recapture Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 65

Agent's address McFadden, Wyoming 82080 Company Marathon Oil Company

P.O. Box 97 Signed [Signature]

Phone 370-2403 Agent's title Area Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)				
Sec 12	38S	22E	1	June	14						Finished rigging up; drilled rat and mouse hole. Spudded 1:00 am.			
					15							Drilled 12 1/4" hole to 280ft. Keamed with 17 1/4" bit to 277ft KB. Circulated 30 minutes with rig pump and come out of hole. Ran casing as follows: 10ft -13 3/8" O 48# 8rd H40 ST&C R2 Cond 1 Overall 260.12-effective 257.20 Landed at 271.20 KB		
					16							Circulated with rig pump for 30 minutes, pumped 15 bbl water ahead of cement, cemented with 200 sacks 50/50 pozmix with 2% HA-5 by Halliburton. Displaced with 39 bbl water leaving 20ft cement in casing. Good cement returns to surface. Plug down @ 4:45am. WOC 12hr. Cut off casing and welded on casing head. Installed blow-out equipment. Wait on pump parts.		
					17							Went in hole: top of cement plug in casing 245ft KB. Drilled out at 12:30pm- drilled out as follows: 0 to 245ft, open hole - 245 to 249 cement - 249 to 250 plug - 250 to 270 cement - 270 to 271 snce - 271 to 274 cement - 274 to 280 open hole.		
					18								Drilling, 1610ft: Navajo sand stone. Navajo top 1222ft / 4228 sub sea. 10hr installing blow-out equipment.	
					19								Drilling, 2350ft: salty sand.	
					20								Drilling, 2927ft: sand and shale Sample tops: Naventa 1723' / 3722 Wingate 1935' / 3515 Chinle 2220' / 3230	
					21								Drilling, 3438ft: Sand and shale Sample tops: De-Chelly 3265' / 2185 Organ Rock 3355' / 2095	
														Mudded up @ 3200'
														Continued to page 2

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER Utah 0122102
UNIT O'Connell-Govt. #1

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Recapture Creek

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Agent's address McFadden, Wyoming 82080 Company Marathon Oil Company

P.O. Box 97

Signed [Signature]

Phone 378-2403

Agent's title Area Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec 12	38S	22E	1	June	22					Continued from page 1 Drilling, 3770ft: Sand and shale Drilling, 4112ft: Cutter evaporites Sample top: Cutter Evaporites 3986' / 1514 Drilling, 4639ft: Cutter Evaporites Drilling, 5217ft: Hermosa Sample top: Hermosa Lime 4942' / 508 Drilling, 5365ft: Hermosa Strapped pie; no correction Drilling, 5728ft: Hermosa
					23					
					24-25					
					26-27					
					28					
					29-30					

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
State Capitol Building
Salt Lake City 14, Utah

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REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County San Juan Field or Lease #1 O'Connell Government

The following is a correct report of operations and production (including drilling and producing wells) for

June, 1965

Agent's address P.O. Box 268 Company Marathon Oil Company

Salt Lake City, Utah 84110 Signed Marion W. Scholes

Phone 322-3401 Agent's title District Exploration Manager

State Lease No. _____ Federal Lease No. 0122102 Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
C NE NE 12	38S	22E	#1					<p>*Spudded 1:00 A.M., June 14, 1965. Ran 10 joints 13 3/8" surface casing. Landed at 271.2' KB. Cemented to surface.</p> <p>T.D., 6/30/1965: 5728'.</p>

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

10.

Copy H.M.

10
11

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

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 **Dry hole**

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 268, Salt Lake City, Utah 84110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **C NE NE Sec. 12-38S-22E**
660' FNL & 660' FEL
At top prod. interval reported below

At total depth
Same

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

Federal, Utah 0122102

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Federal

7. UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME

O'Connell-Gov't. #1

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 12-T38S-R22E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

15. DATE SPUNDED **6-14-65** 16. DATE T.D. REACHED **7-7-65** 17. DATE COMPL. (Ready to prod.) **7-9-65** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **KB 5451 GL 5438** 19. ELEV. CASINGHEAD **-**

20. TOTAL DEPTH, MD & TVD **6342 Schlumb.** 21. PLUG, BACK T.D., MD & TVD **-** 22. IF MULTIPLE COMPL., HOW MANY* **-** 23. INTERVALS DRILLED BY **Rotary** ROTARY TOOLS **Surface to T.D.** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* **None** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Induction-Electric, Sonic - Gamma Ray & Dip Meter** 27. WAS WELL CORED **Yes.** **5925 to 5982 & 6200 to 6223**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48#	271 KB	17 1/4	200 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None		

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

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

33.* **None** PRODUCTION
DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

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

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

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

35. LIST OF ATTACHMENTS _____

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Area Supt DATE 7-29-65

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

INSTRUCTIONS

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

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

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

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

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Navajo Ss. Wingate Ss. DeChelly Ss.	1223 1937 3265	1734 2240 3360	<p>) Porous sandstones</p> <p>No fluid was recorded as having entered the borehole during the drilling of the hole.</p> <p>Core #1 - 5925 to 5982. Rec'd 57' Limestone and shale, cherty, dense, no shows of oil or gas.</p> <p>Core #2 - 6200 to 6223. No recovery.</p> <p>No drill stem tests taken.</p> <p>T.D. 6340 (driller).</p>
			<p>NAME</p> <p>Navajo Kayenta Wingate Chinle Shinarump Moenkopi DeChelly Organ Rock Hermosa Upper Ismay Lower Ismay Desert Creek T.D.</p>
			<p>MEAS. DEPTH</p> <p>1223 1734 1937 2240 2895 2960 3265 3360 5089 6051 6180 6267 6342</p>
			<p>TRUE VERT. DEPTH</p> <p style="text-align: right;">Schlumberger</p>

AUG 2 1965

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: O'Connell-Government #1
Operator Marathon Oil Company Address P.O. Box 268
Salt Lake City, Ut. Phone 322-3401
5303 East Evans Ave.
Contractor Arapahoe Drilling Company Address Box 22273, Denver, Phone _____
Colorado
Location NE 1/4 NE 1/4 Sec. 12 T. 38 N R. 22 E San Juan County, Utah.
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>No water flows into borehole encountered, though some sandstone bearing water</u>		
2.	<u>probably drilled, such as the Navajo and DeChelly sandstones.</u>		
3.	_____		
4.	_____		
5.	_____		

(Continued on reverse side if necessary)

Formation Tops:

Navajo 1223, Kayenta 1734, Wingate 1937, Chinle 2240, Shinarump 2895, Moenkopi 2960,
DeChelly 3265, Organ Rock 3360, Hermosa 5089, Paradox A (Upper Ismay) 6051, Lower
Ismay 6180, Desert Creek 6267. TD 6342 Schlumberger.

Remarks:

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

Drillers Log: (Continued)

Core #1 5925 to 5982 Rec'd 57' of limestone and shale with some chert.
Core #2 6200 to 6223 No recovery.
No drill stem tests taken.
Driller's TD 6340, Schlumberger TD 6342.
No shows of oil or gas recorded.

Rule C-20 REPORTING OF FRESH WATER SANDS

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.

AUG 2 1965

PLUGGING PROGRAM FORM

Name of Company Marathon Oil Co. Verbal Approval Given To: Marion Scholtz

Well Name: O'Connell #1 Sec. R T. 38S R. 22E County: Logan

Verbal Approval was given to plug the above mentioned well in the following manner:

DeChaley - ~~Progression~~ - surface
 Norway - 1222 → 99' might be water saturated
 DeChaley - 2220 → 90 ft → Pot water well
 DeChaley - 3265 → 90 ft → Pot water well
 Oregon Red - 3355
 Cutler Camp - 3936
 Hermsen - 4942
 Pawlet A - Ismay - 5794
 T.D. - 100 ft into another zone 6100 → sometimes has porosity
 @ 5982 (at 100 ft to gr.)

- 1) 100 ft across top of Ismay assuming another in tight (will place another plug if porosity below Ismay is encountered)
 - 2) 100 ft across top of Hermsen
 - 3) 125 ft across top of DeChaley
 - 4) 100 ft across top of Norway
 - 5) ~~100~~ 50 ft in & 50 ft out of surface casing
 - 6) 10 ft (mud) - mud between all plugs
- T.D. at morning and log and plug at night.

Date Verbally Approved: July 2 1965 Signed: Paul H. Benchell

July 3, 1965 → Paul H. D. about midnight → circulate till 2:00 A.M. → log and send report from Wyoming to evaluate formation. If going to plug well call Jerry Gray but if he isn't available, call me to witness operation for tomorrow afternoon.
 July 5, 1965 → at 6:20 A.M. and will be logging direction → might plug between midnight and

Handwritten initials/signature in top left corner.

Handwritten initials/signature in top right corner.

Vertical handwritten note on the right margin: "tomorrow morning"

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Federal, Utah 0122102

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Federal

7. UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME

O'Connell-Gov't. #1

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 12-T38S-R22E

12. COUNTY OR PARISH 18. 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 97, McFadden, Wyoming

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

C NE NE Sec. 12-38S-22E
660' FNL & 660' FEL

14. PERMIT NO.

-

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

5451 KB 5438 GL

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)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)* Ran Logs by Schlumberger to their total depth as follows: Gamma Ray Sonic

Caliper & continuous Dipmeter log. Log tops as follows: 1. Navajo Sandstone 1222'(+4228 2. DeChelly Shale 3265'(+2185 3. Hermosa 5087'(+363) 4. Paradox A 6051'(-601) 5. Paradox A2 6158(-708) 6. Paradox A3 6180'(-730) 7. Paradox B 6240'(790) 8. Paradox B1 D.C. 6266'(-816). Had no shows of oil or gas. Verbal Permission & instructions to Plug & Abandon given by Paul W. Buchell, Chief Petr. Engr. with Utah Oil & Gas Conservation Comm., Salt Lake, Utah. Verbal approval given by Jerry Long, Dist. Engr. with U.S.G.S., Durango, Colo.

Went in hole open ended with drill pipe, ran plugs as follows: Plug #1, top of Ismay or Paradox A-3, 6130' to 6230', 100' plug with 40 sacks, with 1 to 1 Diamix by BJ. Plug #2, top of Hermosa, 5038' to 5138', 100' plug, 50 sacks 1 to 1 Diamix. Plug #3, DeChelly, 3250' to 3375', 125' plug with 45 sacks. Plug #4, top Navajo, 1172' to 1272', 100' plug with 40 sacks. Plug #5, bottom of surface csg., 222' to 322', 100' plug with 65 sacks. Dismantled blowout preventer & stripping cellar. Finished stripping cellar, cut off casing head. Plug #6, 10 sacks cement at surface, with dry hole marker. Rig released at 8 AM, 7-9-65.

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

SIGNED

Leah Brown

TITLE

Area Superintendent

DATE

7-30-65

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Copy Mem

Budget Bureau No. 42-R356.6
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER Utah 0122102
UNIT 01 Cornell Govt. #1

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Recapture Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1965

Agent's address McFadden, Wyoming Company Marathon Oil Company

P. O. Box 97

Signed [Signature]

Phone 378-2403

Agent's title Area Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec 12	38S	22E	1	July 1	1965					Drilling 5887- Sampletop Paradox 5794'
				2						Drilling 5958- Drilled to 5925-Circulated 1 1/2 hr and strapped pipe out of hole for core barrel. No correction in pipe.
				3						Core #1-5925 - 5982 - 18' Shale dark gray to black
										6' Lime light gray, Crinoidal
										3' Shale, Black, Fissil P.C.
										1/2' Shale black and black chert
										3' Shale, gray, limey, Crinoidal
	1' Shale, gray to dark gray									
		11' Lime, light, gray, dense, with some gray chert								
		5 1/2' Shale, gray silty								
		9' Lime light gray dense								
		4	Drilling 6120							
		5	Drilling 6200- circulating prior to logging							
		6	After drilling to 6200', circulated 3 1/2 hours waiting on orders. Come out of hole to log. Ran logs by Schlumberger to their total depth 6201' as follows. I.E.S. and Gamma Ray- Had some malfunction of sonic log which will be run later after Core #2							
			Log Tops:							
			Hermosa 5087' + 363							
			Paradox 6051' - 601							
			Paradox A-2 6158' - 708							
			Paradox A-3 6180' - 730							
			7	Drilling 6230'- Core #2-6200 to 6223, cut 23' and recovered-lost core in hole while making connection at 6223-came out of hole with core barrel and core catcher had broken, allowing core to remain in hole. Layed down core barrel, went in hole with bit to drill up core.						

Cont. to page 2

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

-2- Copy NEIL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER Utah 0122102
UNIT 01 Connally Govt. #1

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Recapture Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1965,

Agent's address McFadden, Wyoming Company Marathon Oil Company
P. O. Box 97
Signed [Signature]
Phone 378-2409 Agent's title Area Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 12	38S	22E	1	July	1965 8					Drilled to 6340' - Circulated 1 hour. Came to log. Now logging.
					9					Ran logs by Schlumberger to their depth as follows: Gamma Ray Sonic Caliper & continuous Dipmeter log. Log tops as follows: 1. Navajo Sandstone - 1222' (+4228) 2. DeChelly Shale - 3265' (+2185) 3. Hermosa - 5087' (+363) 4. Paradox A - 6051' (-601) 5. Paradox A2 - 6158' (-708) 6. Paradox A3 - 6180' (-730) 7. Paradox B - 6240' (-790) 8. Paradox B1 D.C. - 6266' (-816) Had no shows of oil or gas. Verbal permission and instructions to plug and abandon given by Paul W. Buchell, Chief Petr. Engineer, with Utah Oil and Gas Conservation Comm., Salt Lake City, Utah. Verbal approval given by Jerry Long, Dist. Engineer, with U.S.G.S. Durango, Colorado. Went in hole open ended with drill pipe, ran plugs as follows: Plug #1, Top of Ismay or Paradox A-3, 6130' to 6230', 100' plug with 40 sacks, with 1 to 1 Diamix by BJ. Plug #2, Top of Hermosa, 5038' to 5138', 100' plug, 50 sacks 1 to 1 Diamix. Plug #3, DeChelly, 3250 to 3375, 125' plug with 45 sacks. Plug #4, Top Navajo, 1172 to 1272, 100' plug with 40 sacks. Plug #5, Bottom of surface CSG, 222 to 322, 100' plug with 65 sacks. Dismantled blow out preventer and stripping cellar.

Continued to page 3

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah 0122102
LEASE NUMBER Connell Govt. #1
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Recapture Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1965,

Agent's address McFadden, Wyoming Company Marathon Oil Company
P. O. Box 97

Phone 378-2409 Signed [Signature] Agent's title Area Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec 12	38S	22E	1	July 9	1965					Finished stripping cellar, Cut off casing head. Plug #6, 10 sacks cement at surface, with dry hole marker. Rig released at 8 a.m.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



MARATHON OIL COMPANY

P.O. Box 268
Salt Lake City, Utah 84110

August 11, 1965

Utah Oil & Gas Conservation Commission
348 East South Temple Street, Suite 301
Salt Lake City, Utah

Gentlemen:

Enclosed for your file are two sets of final prints of the Induction-Electrical log and Sonic log - Gamma Ray for the Marathon Oil #1 Government O'Connell, NE NE 12-38S-22E, San Juan County, Utah.

Please forgive the delay in transmitting these logs to you. I hope this delay has caused you no serious inconvenience.

It is my understanding that with this transmittal all obligations concerning the subject well will have been fulfilled. If this understanding is in error, please advise.

Yours very truly,

Marion W. Scholes
Marion W. Scholes

MWS:wa
Enclosures 4

cc: Mr. E. F. Smigel
Mr. F. G. Knight