

UTAH DIVISION OF OIL AND GAS CONSERVATION

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

*Location  
abandoned  
3-15-78  
Well was  
not drilled*

DATE FILED 12-9-76

LAND: FEE & PATENTED  STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: 12-8-76 o.k. Rule C-3

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

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

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

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

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

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

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

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

DATE ABANDONED: LA 3-15-78

FIELD: Wildcat 3/86

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

COUNTY: Kane

WELL NO. McArthur 42-11

API NO: 43-025-30016

LOCATION 1980' FT. FROM (N) ~~XX~~ LINE. 657' FT. FROM (E) ~~XX~~ LINE. SE NE 1/4 - 1/4 SEC. 11

8

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
41S	7W	11	HOUSTON OIL & MINERALS				

FILE NOTATIONS:

Entered in NID File

Entered On S R Sheet \_\_\_\_\_

Location Map Pinned \_\_\_\_\_

Card Indexed

IWR for State or Fee Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_

Copy NID to Field Office \_\_\_\_\_

Approval Letter \_\_\_\_\_

Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed \_\_\_\_\_

Location Inspected \_\_\_\_\_

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log \_\_\_\_\_

Electric Logs (No. ) \_\_\_\_\_

E \_\_\_\_\_ I \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_

Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

DME  
1-29-91



HOUSTON OIL & MINERALS CORPORATION



November 30, 1976

Mr. Pat Driscoll  
State of Utah  
Division of Oil, Gas & Mining  
1588 West, North Temple  
Salt Lake City, Utah 84116

Re: Permit to Drill for  
HOM # 42-11 McArthur  
SE/4 NE/4, Sec. 11-T41S-R7W  
Kane County, Utah

Dear Pat:

Last week, permits were submitted from this office for a Federal (41-11) location in the NE/4 NE/4 of Section 11, Township 41 South, Range 7 West, Kane County Utah. I am now submitting permits for a well to be located in the SE/4 NE/4 of the same section. Only one well will be drilled, however, between the two permits which are being submitted.

The reason for permitting both locations is that the 41-11 (NE/4 NE/4) location is on Federal land, and may require a long time for final approval; whereas, the 42-11 (SE/4 NE/4) location is on fee land and should require a minimum of time for approval. The time is critical due to our rig (Loffland #184) which will become available on or about December 10, 1976.

The permit for the 42-11 location, along with the applicable plats are attached in duplicate and the same supporting information sent for the 41-11 location will also apply for this well.

If there are any questions, please advise.

Respectfully yours,

  
Ronald D. Scott

RDS/gs  
Enclosures

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

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

-

7. Unit Agreement Name

-

8. Farm or Lease Name

Mc Arthur

9. Well No.

42-11

10. Field and Pool, or Wildcat

Wildcat

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

Sec. 11-T41S-R7W

12. County or Parrish 13. State

Kane County Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Houston Oil and Minerals Corporation

3. Address of Operator

1700 Broadway - Suite 504, Denver, Colorado 80290

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

At surface

1980' FNL and 657' FEL of Sec. 11, T41S-R7W

At proposed prod. zone

Same

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

4 miles south of Glendale, Utah

15. Distance from proposed\* location to nearest property or lease line, ft.

657'

(Also to nearest drlg. line, if any)

16. No. of acres in lease

160

17. No. of acres assigned to this well

160

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

N/A

19. Proposed depth

9500'

20. Rotary or cable tools

Rotary

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

6667' (Ungraded ground elevation)

22. Approx. date work will start\*

December 15, 1976

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"	48.0#	300'	300 sx.
15"	9-5/8"	36.0#	3000'	2000 sx.
8-3/4"	5-1/2"	17.0#	9500'	500 sx.

Set 13-3/8" conductor casing, circulate cement to surface, install BOP's. Drill to 3000' with native mud and set 9-5/8" surface casing with 1-1/4" parasite string; nipple up with 10" Series 1500 double hydraulic ram type BOP and rotating head, with necessary choke manifold. Pressure test to 3000 psi. No high pressures are anticipated, however, the minimum safety requirements for the state of Utah will be followed.

Drill to approximately 9500' using air as far as possible, then mud up with a low solids, non-dispersed system, utilizing the parasite string (to lighten hydrostatic column and prevent lost circulation). Mud logging and sample analysis will be utilized from surface to TD with cores and DST's taken where necessary to properly evaluate any potentially productive zones.

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

Ronald D. Scott

Title District Drilling Engineer

Date 11-30-76

(This space for Federal or State office use)

Permit No.

13-025-30016

Approval Date

Approved by

Title

Date

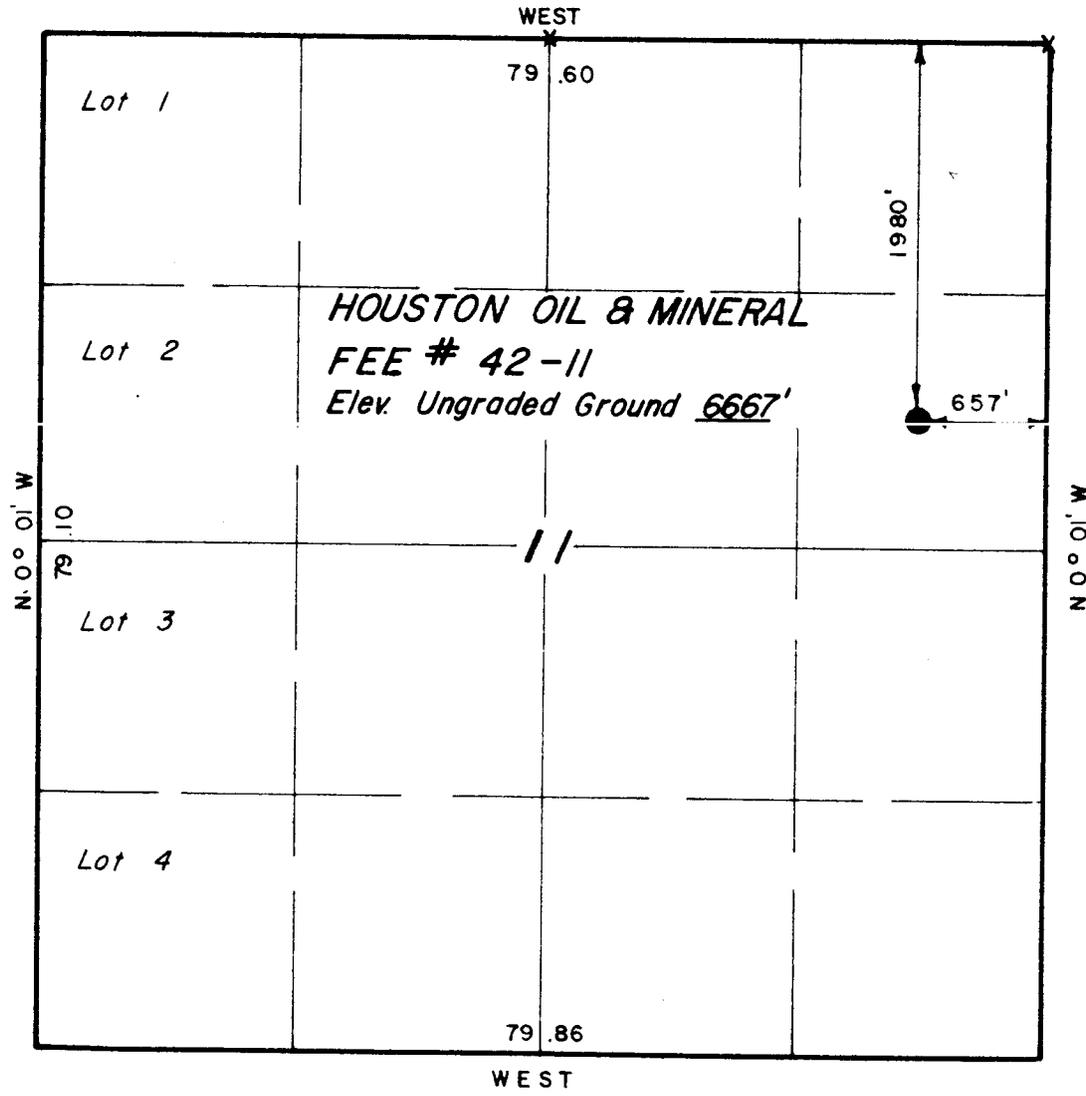
Conditions of approval, if any:

T41S, R7W, SLB. & M.

PROJECT

HOUSTON OIL & MINERAL CORPORATION

Well location, Houston Oil & Mineral # 42 - 11, located as shown in the SE1/4 NE1/4 Section 11, T41S, R7W, SLB. & M. Kane County, Utah.



CERTIFICATE

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

*Robert J. Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11/17/76
PARTY N.M. M.M. H.M. B.W. RS	REFERENCES GLO PLAT
WEATHER COLD & STORMY	FILE H. O. & M. CORP.

X = Section corners located.

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

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

5. Lease Designation and Serial No. Fee

6. If Indian, Allottee or Tribe Name -

7. Unit Agreement Name -

8. Farm or Lease Name Mc Arthur

9. Well No. 42-11

10. Field and Pool, or Wildcat Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area Sec. 11-T41S-R7W

12. County or Parrish 13. State Kane County Utah

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 Houston Oil and Minerals Corporation

3. Address of Operator 1700 Broadway - Suite 504, Denver, Colorado 80290

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)  
At surface 1980' FNL and 657' FEL of Sec. 11, T41S-R7W  
At proposed prod. zone Same

14. Distance in miles and direction from nearest town or post office.\* 4 miles south of Glendale, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 657'

16. No. of acres in lease 160

17. No. of acres assigned to this well 160

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft. N/A

19. Proposed depth 9500'

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.) 6667' (Ungraded ground elevation)

22. Approx. date work will start\* December 15, 1976

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"	48.0#	300'	300 sx.
15"	9-5/8"	36.0#	3000'	2000 sx.
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Drill to approximately 9500' using air as far as possible, then mud up with a low solids, non-dispersed system, utilizing the parasite string (to lighten hydrostatic column and prevent lost circulation). Mud logging and sample analysis will be utilized from surface to TD with cores and DST's taken where necessary to properly evaluate any potentially productive zones.

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 Ronald D. Scott Title District Drilling Engineer Date 11-30-76  
Ronald D. Scott  
(This space for Federal or State office use)

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

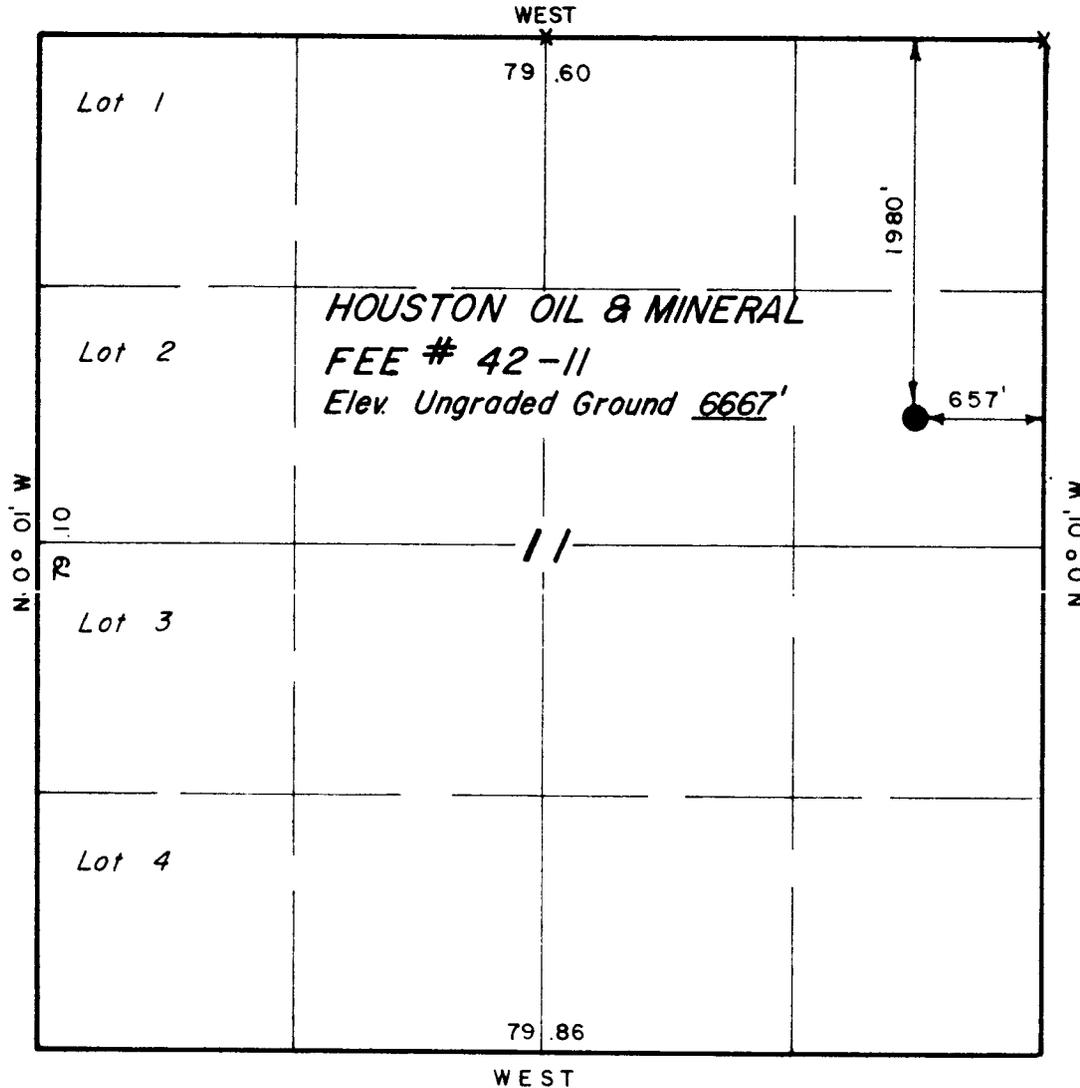
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

T41S, R7W, SLB. & M.

PROJECT

HOUSTON OIL & MINERAL CORPORATION

Well location, Houston Oil & Mineral # 42 - 11,  
located as shown in the SE1/4 NE1/4 Section 11,  
T41S, R7W, SLB. & M. Kane County, Utah.



CERTIFICATE

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.

*Robert J. Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11/17/76
PARTY N.M. M.M. H.M. B.W. RS	REFERENCES GLO PLAT
WEATHER COLD & STORMY	FILE H. O. & M. CORP.

X = Section corners located.

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: December 3  
Operator: Houston Oil & Minerals  
Well No. McArthur 42-11  
Location: Sec. 11 T. 41S R. 7W, County: Kane

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

Checked By:

Administrative Assistant: [Signature]

Remarks: well located in NENE, Verbal Approval on 12/8/76 to Randall Thompson, Bond on way.

Petroleum Engineer: OK [Signature]

Remarks:

Director: [Signature]

Remarks:

Include Within Approval Letter:

Bond Required  Survey Plat Required   
Order No.  Surface Casing Change   
to

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

O.K. Rule C-3  O.K. In  Unit

Other:

Letter Written

*Location  
Abandoned  
3-15-78*

*Added to Houston  
oil & minerals corp  
3/15/78. This well  
will not be  
drilled*

December 8, 1976

Houston Oil and Minerals Corporation  
1700 Broadway - Suite 504  
Denver, Colorado 80290

Re: McArthur #42-11  
Sec. 11, T. 41 S, R. 7 W,  
Kane County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Said approval is, however, conditional upon filing a drilling and plugging bond with this Division prior to commencing spudding operations.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-025-30016.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

*Driscoll  
3/15/78  
3E*



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

January 31, 1986

TO: Jean Doutre, Oil and Gas Field Specialist  
 THROUGH: John R. Baza, Petroleum Engineer *JRB*  
 FROM: Dorothy Swindel, Oil and Gas Field Specialist *DS*  
 RE: Kane County Inspections

The information listed below concerns inspections which I conducted in Kane County. The list includes 6 plugged and abandoned wells which require no further inspections. There are no producing or shut-in wells in Kane County. This material was compiled to assist you in your inspections of that area and prevent any repetitious inspections.

- 43-02530016* HOUSTON OIL AND MINERALS *RA*  
 Federal 41-11 *3/11/77*  
 Sec.11, T.41S, R.7W,
- TIDEWATER OIL COMPANY *2/10/57.*  
 Utah Federal A-1  
 Sec.34, T.42S, R.2W,
- SUPERIOR OIL COMPANY *12/23/62*  
 Kanab Creek 32-16  
 Sec.16, T.42S, R.7W,
- G.C. BINGHAM  
 Richter Federal #1 *10/16/69.*  
 Sec.34, T.39S, R.7E,
- SHELL OIL COMPANY  
 Soda Unit #1 *1/16/60*  
 Sec.2, T.40S, R.7E,
- MOUNTAIN FUEL SUPPLY *9/30/75*  
 Henrieville #1  
 Sec.31, T.38S, R.2W,