

FILE NOTATIONS

Entered in NID File _____
 Entered On S R Sheet _____
 Location Map Pinned _____
 Card Indexed _____
 I W R for State or Fee Land _____

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

COMPLETION DATA:

Date Well Completed 1-3-77
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA _____

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log _____
 Electric Logs (No.) _____

E _____ I _____ E-I _____ CR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic _____ Others _____



HOUSTON OIL & MINERALS CORPORATION

ok pd



November 5, 1976

Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

Re: H.O.M. Federal 12-7
Section 7, T4S, R20E
Uintah Co., Utah
~~*~~Formerly Shenandoah
Oil Corporation's Federal 1-7)

Attention: Mr. Patrick L. Driscoll

Dear Mr. Driscoll:

Attached are two sets of the complete permit programs for Houston Oil and Minerals Corporations's Federal 12-7 well, located in Section 7, Township 4 South, Range 20 East, Uintah County, Utah. The site is the former location of the Shenandoah Oil Corporation Federal 1-7 well (our location being exactly 100' northwest of the existing wellbore).

If there are any other questions, please advise.

Respectfully yours,

Ronald D. Scott
District Drilling Engineer

RDS/gs
Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 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: 1318 FNL and 443 FWL, Section 7, T4S, R20E
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10 miles west of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 640

16. NO. OF ACRES IN LEASE
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL
 640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 100'

19. PROPOSED DEPTH
 4000'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7223 (ungraded ground)

22. APPROX. DATE WORK WILL START*
 11-15-76

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3	350'	250 sx.
8-3/4"	4-1/2"	9.5	4000'	400 sx.

Set 9-5/8" surface pipe and circulate cement to surface; install and test BOP's. Attempt to air drill hole from under surface pipe to TD; however, a KCI base - low solids mud will be utilized if necessary. No high pressures are anticipated, however, all safety requirements for the State of Utah and USGS will be followed.

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 11-2-76
 (This space for Federal or State office use)

PERMIT NO. 43-047-30245 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
 U-6765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

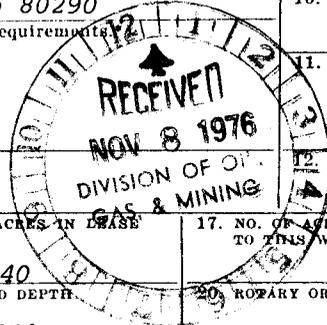
9. WELL NO.
 12-7

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 7, T4S, R20E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah



FILE NOTATIONS

Date: Nov. 8 -
Operator: Amstar Oil & Minerals
Well No: Federal 12-7
Location: Sec. 7 T 48 R. 20E County: Unitah

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

ok

Checked By:

Administrative Assistant: *[Signature]*

Remarks: *No other wells in Township & Range, the method of topog. survey?*
Petroleum Engineer/Mined Land Coordinator: *[Signature]*

Remarks:
Director: *[Signature]*

Remarks:

Include Within Approval Letter:

Bond Required Survey Plat Required
Order No. Blowout Prevention Equipment
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:

Request in fo. as to when this well starts Letter Written

November 9, 1976

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

Re: Well No. Federal #12-7
Sec. 7, T. 4 S, R. 20 E,
Uintah 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(c), General Rules and Regulations and Rules of Practice and Procedure.

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

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 43-047-30245.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

/sw

cc: U.S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

c. NAME OF OPERATOR
 Houston Oil and Minerals Corporation

d. ADDRESS OF OPERATOR
 1700 Broadway - Suite 504, Denver, Colorado 80290

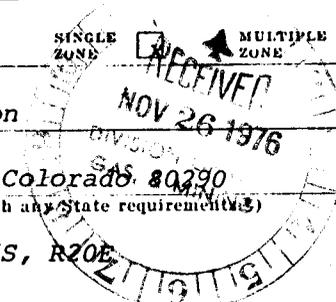
e. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface: 1316 FNL and 443 FWL, Section 7, T4S, R20E
 At proposed prod. zone: Same

f. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10 miles west of Vernal, Utah

5. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 640

8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 100'

i. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7223 (ungraded ground)



5. LEASE DESIGNATION AND SERIAL NO.
 U-6765
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 So Little mtn
 8. FARM OR LEASE NAME
 Federal
 9. WELL NO.
 12-7
 10. FIELD AND POOL, OR WILDCAT
 Wildcat
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 7, T4S, R20E
 12. COUNTY OR PARISH | 13. STATE
 Uintah | Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL
 640

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 11-15-76

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3	350'	250 sx.
8-3/4"	4-1/2"	9.5	4000'	400 sx.

Approval notice - SW of O, So Little mtn - Utah

Set 9-5/8" surface pipe and circulate cement to surface; install and test BOP's. Attempt to air drill hole from under surface pipe to TD; however, a KCI base - low solids mud will be utilized if necessary. No high pressures are anticipated, however, all safety requirements for the State of Utah and USGS will be followed.

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.

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 control program, if any.

SIGNED Ronald D. Scott TITLE District Drilling Engineer DATE 11-2-76
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY (ORIG. SGD) E. W. CUNNINGHAM TITLE _____ DATE NOV 9 1976
 CONDITIONS OF APPROVAL, IF ANY:

CIRCULATE TO:

DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL

RETURN TO Kathy
FOR FILING

December 1, 1976

Memo to File:

Re: Houston Oil & Minerals
Federal 12-7
Sec. 7, T. 4 S, R. 20 E.
Uintah Co., Utah

The above referred to well was spudded in on the 30th day of November
1976 at approximately 1:45 a.m.

Chandler and Associates rig is on the location.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/tlb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPROVED
NOV 9 1976

5. LEASE DESIGNATION AND SERIAL NO.
U-6765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
12-7

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7, T4S, R20E

12. COUNTY OR PARISH Uintah 13. STATE Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WORK
DRILL DEEPEEN PLUG BACK

TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

NAME OF OPERATOR
Houston Oil and Minerals Corporation

ADDRESS OF OPERATOR
1700 Broadway - Suite 504, Denver, Colorado 80290

LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1318 FNL and 443 FWL, Section 7, T4S, R20E

At proposed prod. zone
Same

DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles west of Vernal, Utah

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

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
100'

19. PROPOSED DEPTH
4000' Manual

20. ROTARY OR CABLE TOOLS
Rotary

ELEVATIONS (Show whether DF, RT, GR, etc.)
7223 (ungraded ground)

22. APPROX. DATE WORK WILL START*
11-15-76

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3	350'	250 sx.
8-3/4"	4-1/2"	9.5	4000'	400 sx.

Set 9-5/8" surface pipe and circulate cement to surface; install and test BOP's. Attempt to air drill hole from under surface pipe to TD; however, a KCI base - low solids mud will be utilized if necessary. No high pressures are anticipated, however, all safety requirements for the State of Utah and USGS will be followed.

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.

Personnel of well, Gas + Mining - Utah

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 prevention program, if any.

SIGNED Ronald D. Scott TITLE District Drilling Engineer DATE 11-2-76
Ronald D. Scott
(This space for Federal or State office use)

PERMIT NO. 43-047-30245 APPROVAL DATE
E. W. [Signature] DISTRICT ENGINEER
APPROVED BY TITLE DATE NOV 24 1976

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

Houston Oil & Min
Well # 12-7
SEC. 7-T48-R00E
Uintah Co. Utah

HOUSTON - G. STEWART
D. COIT - L. HEENY
BLM - D. GARDNER
USGS - B. FIANT

- NO EFFECT
- ENHANCES
- MINOR IMPACT
- MAJOR IMPACT

	Construction				Pollution				Drilling Production				Transport Operations			Accidents		0
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	

Land Use	Forestry	✓																		
	Grazing	✓			/		/							/				/		
	Wilderness	✓																		
	Agriculture	✓																		
	Residential-Commercial	✓																		
	Mineral Extraction	✓																		
	Recreation	✓																		
	Scenic Views	✓				/				/								/		
	Parks, Reserves, Monuments	✓																		
	Historical Sites	✓	NO EVIDENCE																	
Unique Physical Features	✓																			
Flora & Fauna	Birds	✓			/		/						/					/		
	Land Animals	✓			/		/						/					/		
	Fish	✓																		
	Endangered Species	✓	NONE KNOWN																	
	Trees, Grass, Etc.	✓				/													/	
Phy. Charact.	Surface Water	✓																		
	Underground Water	✓																		
	Air Quality	✓							/					/						
	Erosion	✓																		
	Other	✓																		
	Effect On Local Economy																			
	Safety & Health																			
	Other																			

Other Copy to: File
DOAM - Utah
Bureau
Blm - 27
Utah Water

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNIT AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) NO NEAR-BY LOCATIONS COULD BE FOUND THAT WOULD JUSTIFY MOVING THE PROPOSED WELL SITE

Lease

U-6767

Well No. & Location # 12.7 SW/NW SECTION 7
T4S. R00E Uintah Co, Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Houston Oil & Minerals proposes to drill an exploratory well with rotary tools to the depth of approx 3100'. To clear & level approx 50' of new ground parallel to an existing rehabed location. No new road will be required.

2. Location and Natural Setting (existing environmental situation)

(100' north)
The proposed location is adjacent to an existing dry hole & rehabed location near the top of Little Mountain approx 12 miles north west of Uernal, Utah.

The rehabed location will require partial disturbance along the north side to allow for rig & reservoir pit.

Approx 50' of new ground will be leveled to allow ~~see~~ room for the rig. Vegetation is pinion-juniper, sage & native grasses.

There is an existing all weather road to this site that will require grading only.

For additional information on location & natural setting see section # 11 of the multi-point surface use plan and EIA previously written on Shenandoah Well 1-7 approx 100' south of proposal

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM TRUCK ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. Determination

(This requested action (~~does~~) (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected

11-3-76

Inspector

B. [Signature]

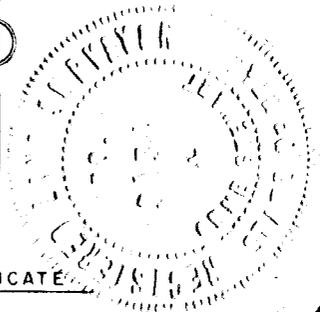
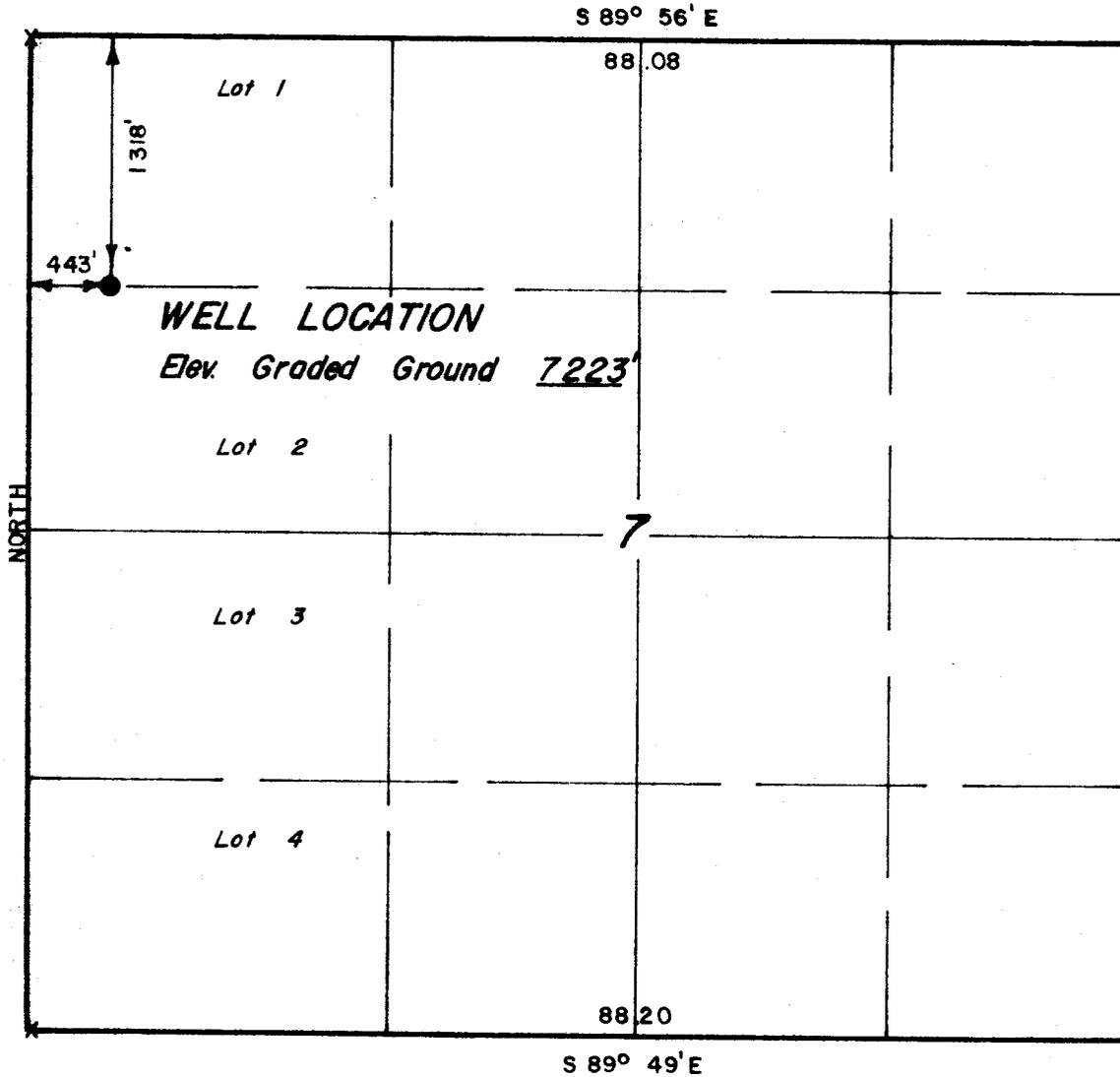
[Signature]
U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

T4S, R20E, SLB. & M.

PROJECT

HOUSTON OIL & MINERAL CORPORATION

Well location, located as shown in
 Lot 1, Section 7, T4S, R20E, SLB. & M.
 Uintah 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.

Gene Stewart

REGISTERED LAND SURVEYOR
 REGISTRATION NO 3154
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE 11/1/76
PARTY GS SS	REFERENCES GLO PLAT
WEATHER COOL	FILE HOUSTON OIL & MIN. CORP.

X = Section corners located

Ten Point Plan for
Houston Oil and Minerals Federal 12-7
Uintah County, Utah

1. Surface formation: Duchesne River
2. Estimated tops of important geologic markers - Mancos: 2290'
3. Estimate depths where water, oil, or gas is anticipated:
Mancos: 2290' (gas)
4. Surface casing: 350', 9-5/8", 32.3#, K-55, ST&C (new) ✓
Production casing: 4000", 4-1/2", 9.5#, K-55, ST&C (new) ✓
5. Blowout prevention: Rotating head and two ram type - 10" Shaeffer 900 Series BOP's. Blind and pipe rams for each size of casing and drill pipe will be provided. Proper fill, kill, and choke manifold-ing will be utilized. BOP's will be tested to 1000 psi prior to drilling out from under surface casing, and will then be tested as per minimum State and Federal safety requirements (see attachment for BOP stack schematic). In the event mud up is required, the rotating head will be replaced with a Hydril BOP.
6. The drilling fluid to be utilized for the surface pipe will be a native gel mud. An attempt will be made to air drill the hole from the base of the 9-5/8" casing (350'), to TD; however, in the event "mudding up" is necessary, a low solids, KCL base mud will be utilized. Sufficient quantities of mud and barite will be on location at all times; however, various stockpoints are only minutes away in Vernal.
7. Auxiliary equipment to be used as follows:
 - a. kelly cocks
 - b. floats at the bit
 - c. mud monitoring system (when mud is utilized)
 - d. a full opening - quick close drill pipe valve, to be located on the derrick floor at all times.
8. Evaluation: No coring is anticipated, and DST's will be called based on gas shows encountered. The well will be logged at TD with the following logs:

DIL/LL8:	350'-TD
BHC/SONIC:	350'-TD
FDC/CNL:	350'-TD
9. No abnormal pressures or temperatures are anticipated, and no potential hazards such as H₂S gas are expected. A rotating head will be utilized to divert any drilled gas away from the rig. All necessary safety measures will be followed, in an effort to prevent any possible dangers.
10. Anticipated starting date: November 15, 1976

10" - 900 Series
Hydril or Grant Rotating Head

17.50"

10" - 900 Series
Shaeffer QRC BOP

36"

10" - 900 Series
Shaeffer QRC BOP

36"

KILL

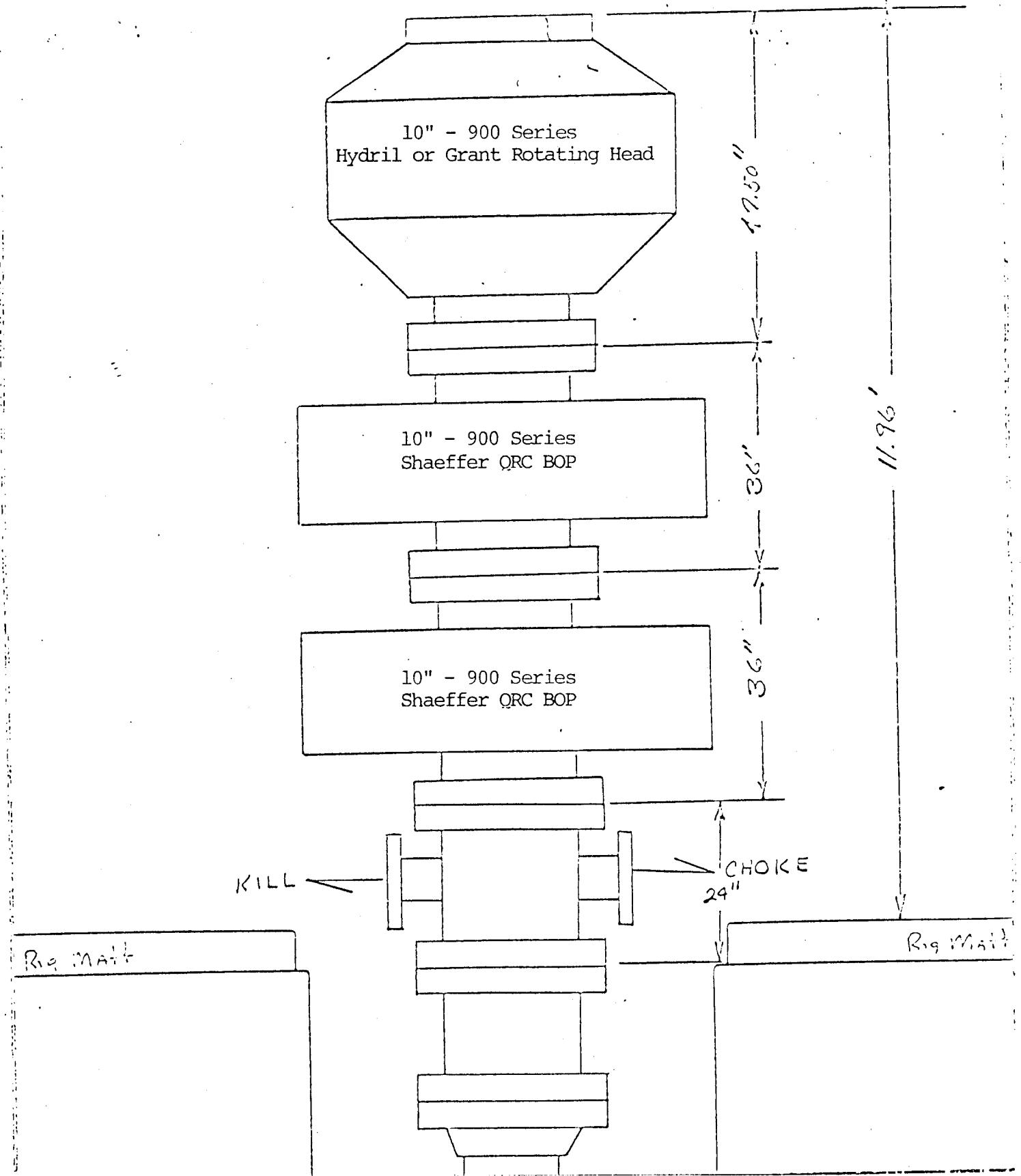
CHOKE

24"

11.96'

Rig Mat

Rig Mat



HOUSTON OIL & MINERALS CORPORATION

12 Point Surface Use Plan

for

Well Location

located in

Section 7, T4S, R20E, SLB & M

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A" to reach Houston Oil and Minerals Corp. well location in Section 7, T4S, R20E, S.L.B. & M. The road into the location site is an existing graded road.

2. PLANNED ACCESS ROAD

See Item No. 1

3. LOCATION OF EXISTING WELLS

Existing wells within a one mile radius of the proposed well location site are shown on the attached Topographic Map "B". (See location plat for placement of Houston Oil and Minerals Corp. well location within the section, also see Item No. 9.)

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All production facilities are to be contained within the proposed location site. There are no gather, injection, or disposal pipe lines within a one mile radius. In the event production is established, the well shall be capped and retained for further use when additional wells in the area are established.

5. LOCATION AND TYPE OF WATER SUPPLY

Water used to drill this well is to be hauled from Deep Creek in the NE 1/4 Sec. 17, T5S, R20E, S.L.B. & M. approximately 6 miles to the south of the location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time.

7. METHODS FOR HANDLING WASTE DISPOSAL

All garbage and trash that can be burned, shall be burned. All unburnable garbage and trash accumulated during the development of this well shall be contained in the trash pit shown on the attached location layout sheet. When drilling activities have been completed, the rig moved off the location, and production facilities set up, all garbage and trash on the location site shall be cleaned up and covered with a minimum 4' of cover. All production waste such as cuttings, salts, chemicals, overflows of condensate, water, and drilling fluids shall be contained in the north cell of the reserve pit and on completion of drilling activities, buried with a minimum four feet of cover. A portable chemical toilet shall be provided for human waste. (See end paragraph in Item No. 10.)

8. ANCILLARY FACILITIES

There will be no ancillary facilities.

9. WELL SITE LAYOUT

See attached location layout plat. B.L.M. District Manager shall be notified before any construction begins on the proposed location site. When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

When all production activities have been completed, the location site and access road will be reshaped to the original contour. Any drainages re-routed during the construction and production activities shall be restored to their original line of flow. All additional wastes being accumulated during production activities and contained in the reserve pit and trash pit shall be buried with a minimum four feet of cover. The location site and access road shall be reseeded with a seed mixture as recommended by the B.L.M. District Manager, when the moisture content of the soil is adequate for germination. Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days. The lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items No. 7 and No. 10.

11. OTHER INFORMATION

Topography of the general area consists of generally low ridges with steep hillsides trending northsouth with rock outcroppings, and ledges occurring along the steeper ridges. Drainages in the area are intermittent in nature running occasionally in the spring time and draining south into the semi-annually flowing Halfway Hollow. Soils of this semi-arid area are of the Duchesne River formation, Eocene (Fluvial sandstone and mudstone). The marginal topsoil throughout the area supports the juniper and pinion forest. The open flats are vegetated with sagebrush and grasses (vegetation of the area consists of approximately 70% juniper and pinion forest, 20% sagebrush and grasses and 10% bare earth). The ground in the area is also leased for grazing. Wildlife is sparse; predominantly deer, coyotes, rabbits, and a variety of small ground squirrels and mice. Birds in the area are hawks, finches, ground sparrows, magpies, and jays. The well is located on a previously constructed location site. The immediate area surrounding the location site is vegetated with juniper and pinion forest. The ground slopes through the area of the location site on approximately an 8% grade. There are no occupied dwellings, or other facilities including archeological, historical, or cultural sites within any reasonable close proximity of the proposed location site. (See attached Topographic Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Ron Scott
1700 Broadway, Suite #504
Denver, Colorado 80203

Bus. Phone (303) 861-7942

CERTIFICATION

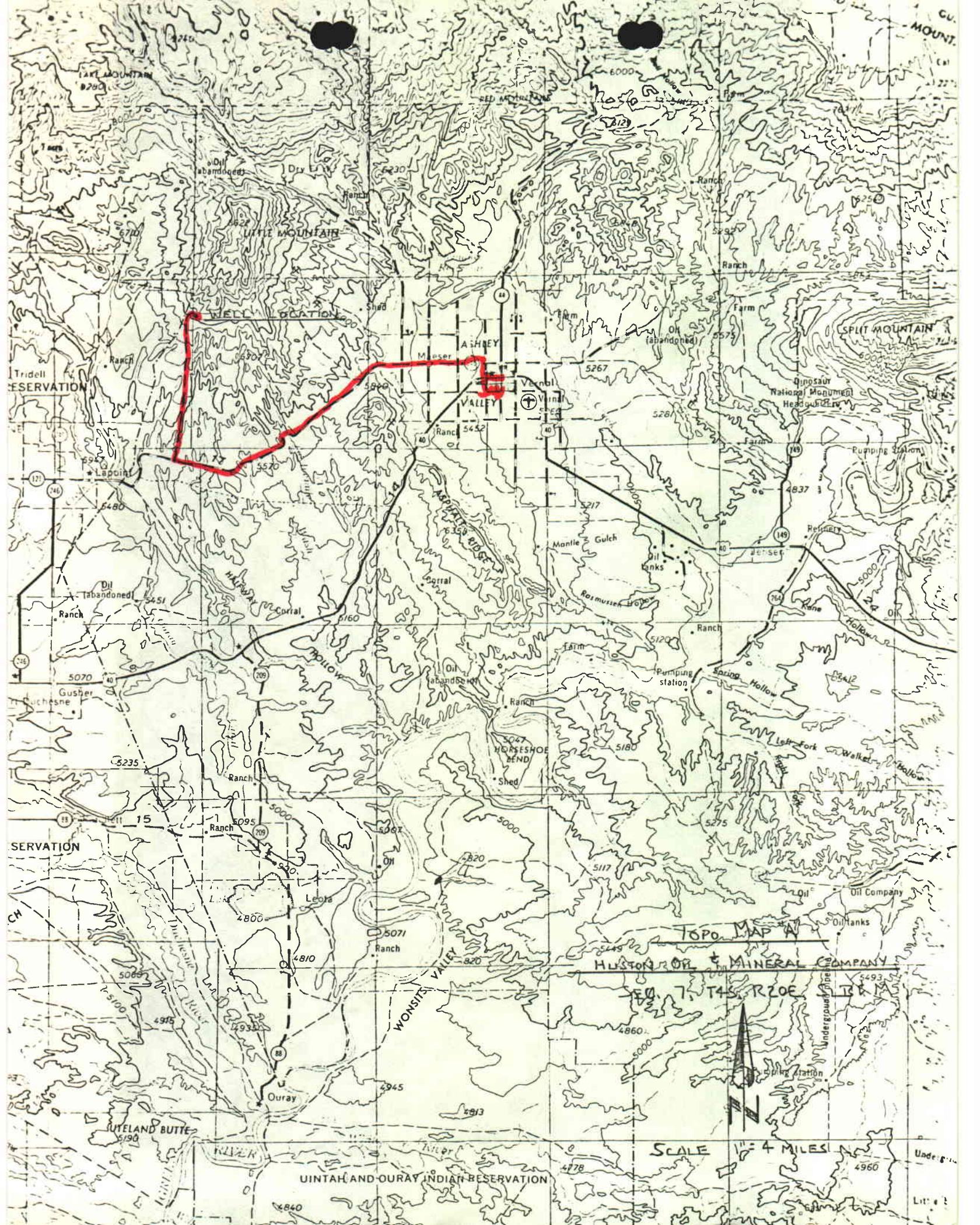
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Houston Oil and Minerals Corp., and its' contractors and sub-contractors in conformity with this plan, and terms and conditions with this plan and the terms and conditions under which it is approved.

DATE

11/3/76

Ron Scott
Ron Scott

Daly Eng.
Title



LITTLE MOUNTAIN
9290

LITTLE MOUNTAIN
6700

WELL LOCATION

ASHBEY VALLEY

ASHBEY VALLEY

WONSIK VALLEY

WONSIK VALLEY

WONSIK VALLEY

SPLIT MOUNTAIN
7450

Dinosaur National Monument
Headquarters

Spring Hollow

Spring Hollow

Spring Hollow

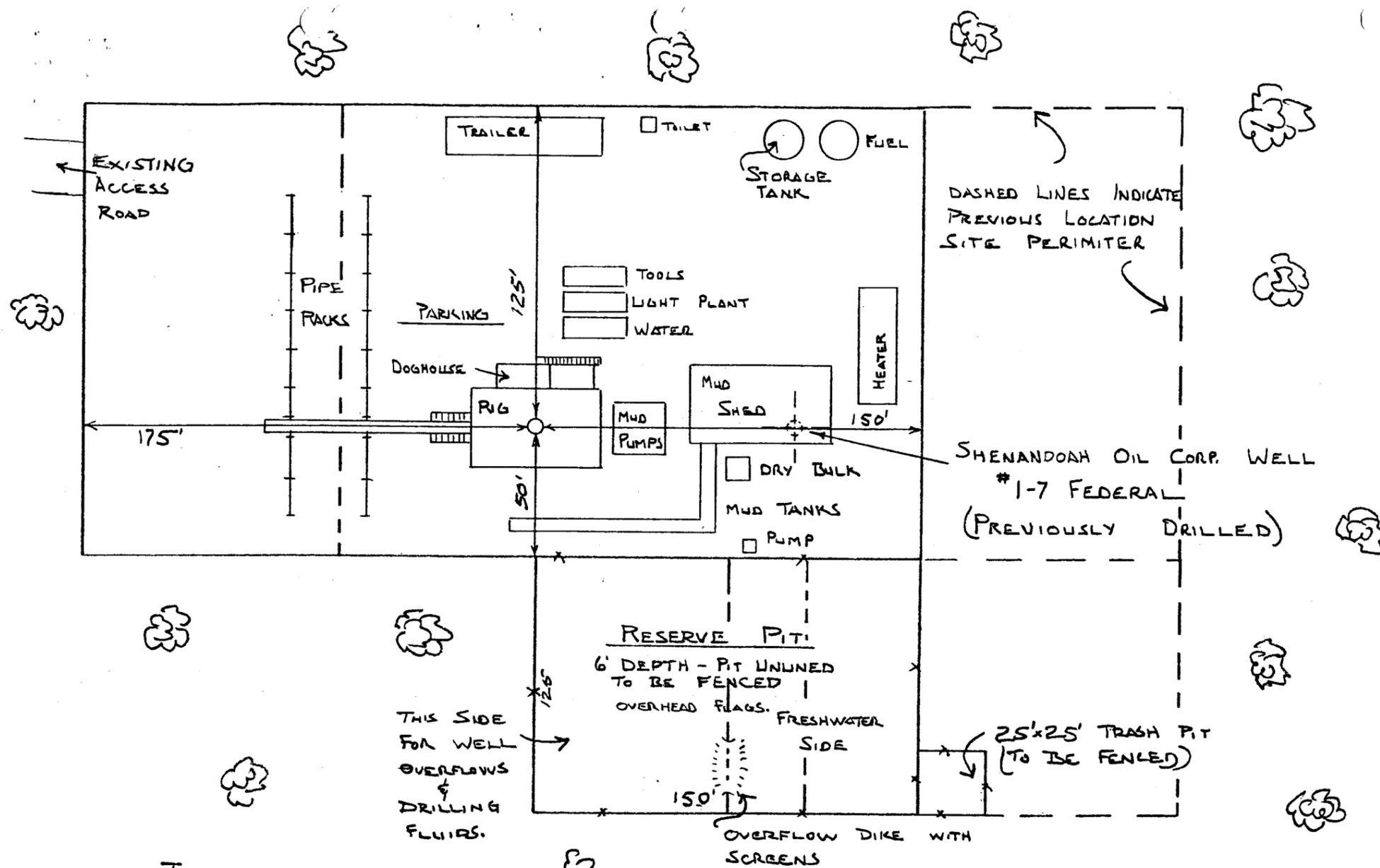
Spring Hollow

TOPO MAP NO. 1
HUSTON OIL & MINERAL COMPANY
SEC. 7, T4S, R20E, S13R, M4



SCALE 4 MILES

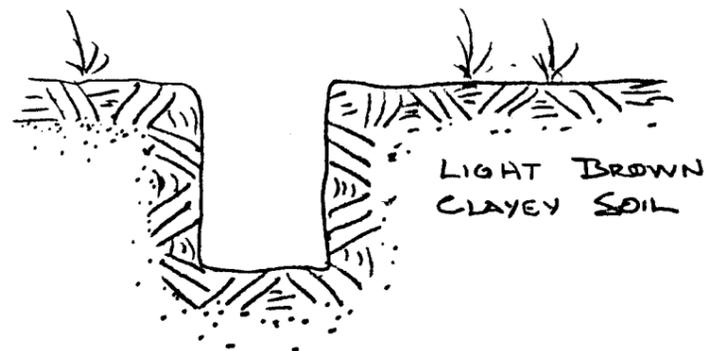
UINTAH AND OURAY INDIAN RESERVATION



NO CROSS SECTIONS SHALL BE REQUIRED AS THIS LOCATION SITE HAS PREVIOUSLY BEEN LEVELED.

JUNIPER & PINION FOREST

SOILS LITHOLOGY

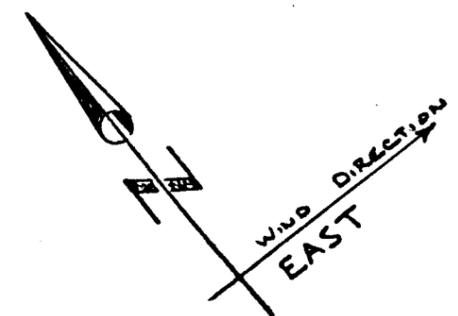


NOTE: THE LOCATION IS TO BE BUILT ON THE EXISTING SHENANDOAH OIL CORP. WELL LOCATION.

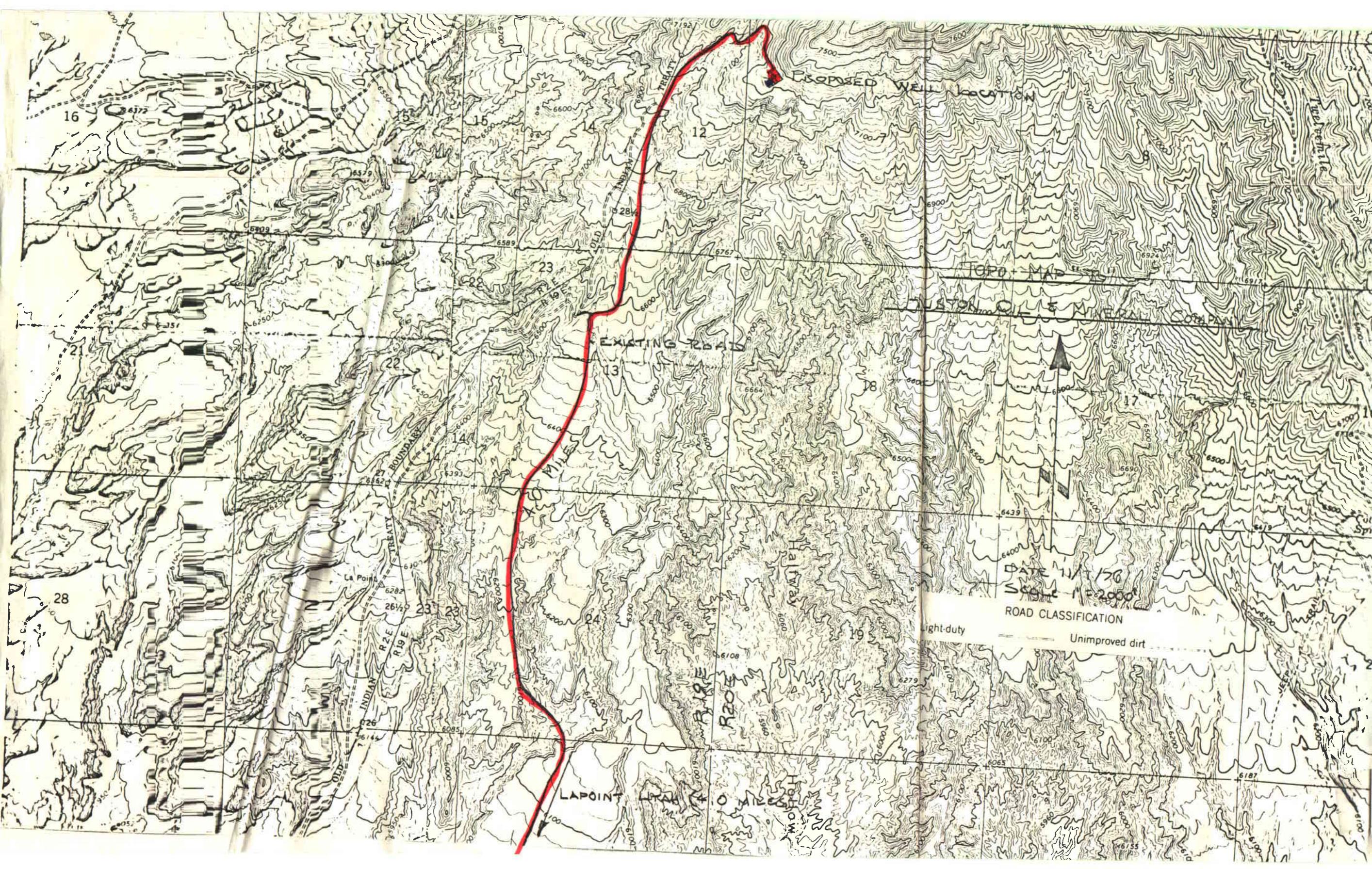
APPROX YARDAGE

CUT \emptyset
 FILL \emptyset

HUSTON OIL & MINERAL CORPORATION
 SECTION 7, T4S. R2OE. S1B. & M.



SCALE 1" = 50'
 DATE 11/1/76



16

15

12

23

13

14

28

23

24

19

LAPPOINT LAND

O MINESTON

PROPOSED WELL LOCATION

EXISTING ROADS

TOPO MAP

JUSTON OLE MINERAL COMPANY

DATE 11/1/50
SCALE 1" = 2000'

ROAD CLASSIFICATION

light-duty

Unimproved dirt





HOUSTON OIL & MINERALS CORPORATION

January 12, 1977

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

Re: Federal 12-7
Sec. 7-T4S-R20E
Uintah County, Utah

Attention: Mr. Pat Driscoll

Gentlemen:

Enclosed are two copies of a sundry notice indicating intention to fracture treat and shoot or acidize the above mentioned well.

If there is any additional information you request, please do not hesitate to contact this office.

Respectfully yours,

Ron Scott

Ronald D. Scott
District Drilling Engineer

RDS/gs
Enclosure



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form Approved
Budget Bureau No. 42 R1424
5. LEASE DESIGNATION AND SERIAL NO.

U-18958

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

12-7

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA

Sec 7-T4S-R20E

12. COUNTY OR PARISH

Uintah

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

2. NAME OF OPERATOR
Houston Oil & 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. See also space 17 below.)
1318' FNL and 443' FWL of Sec. 7-T4S-R20E

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7223' (GR)

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)

FULL 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.)*

Install production tree and run CBL log. Run in hole with coil tubing and blow hole down to 3200'. Perforate at 3230-55, 3405-35, 3515-40, 3605-25, and test well. Breakdown and stimulate perforations with 8000 gallons acid and unload and test well. Run audio-temperature log and plug off non-productive zones. Fracture treat the well with 50,000 gallons foam-frac treatment. Unload and test well. Hookup for production.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Jan 14, 1976

BY: P. H. Sussall

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

SIGNED

Ronald D. Scott

TITLE: District Drilling Engineer DATE: January 12, 1977

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

V
DI
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
 (Other instructions on reverse side)

Form approved.
 Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO. U-6765	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
7. UNIT AGREEMENT NAME -	
8. FARM OR LEASE NAME Federal	
9. WELL NO. 12-7	
10. FIELD AND POOL, OR WILDCAT Wildcat	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7-T4S-R20E	
12. COUNTY OR PARISH Uintah	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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR Houston Oil & 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.* See also space 17 below.) At surface 1318' FNL and 443' FWL of Section 7, T4S, R20E	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7223' (GR)

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 checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>testing</u>	

(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.)*

Installed production tree (5000 psi W.P.) and ran CBL log. Perforated well from 3230'-55', 3405-35', 3515-40', 3605-25', with one shot/foot; well did not flow back. Broke down perforations with 8000 gallons methanol/acid treatment and unloaded same; well died. Fracture treated well with 114,000 gallons foam and 188,000 lbs. sand, and cleaned up to pit. Tested well for 12 days and decided to plug due to non-commercial status.



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

SIGNED Ronald D. Scott TITLE Division Drilling Engineer DATE February 24, 1977

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(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.)

5. LEASE DESIGNATION AND SERIAL NO.

U-6765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

12-7

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR B.L.R. AND SURVEY OR AREA

Sec. 7-T4S-R20E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Houston Oil & 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. See also space 17 below.)
At surface
1318' FNL and 443' FWL of Section 7, T4S, R20E

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7223' (GR)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	FULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(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.)*

Prepare to P&A well as per verbal orders from Mr. Ed Guynn to Mr. Ted McAdam (3:00 pm, February 18, 1977):

1. Pump 50 sk. plug into perms, displacing to 3155'.
2. Spot 10 sk. plug from 2300-2400' (inside 4½" casing), being 50' in/50' out of 7" intermediate casing.
3. Spot 10 sk. plug from 1300-1400' (inside 4½" casing), being the estimated top of cement.
4. Cut and pull 4½" and 7" casing strings.
5. Spot 50 sk. plug from 250-350' (50' in/50' out of 9-5/8" surface pipe).
6. Spot 10 sk. plug at surface.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: March 3, 1977
BY: Ph. Amcell

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

SIGNED Ronald D. Scott TITLE Division Drilling Engineer DATE February 24, 1977

Ronald D. Scott
(This space for Federal or State office use)

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

PI
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-6765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

-

8. FARM OR LEASE NAME

Federal

9. WELL NO.

12-7

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 7-T4S-R20E

12. COUNTY OR PARISH | 13. STATE

Uintah

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Houston Oil & 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.* See also space 17 below.)
At surface
1318' FNL and 443' FWL of Section 7, T4S, R20E

14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7223' (GR)

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)

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.)*

Well was plugged and abandoned as per verbal orders as follows:

1. Pumped 50 sk. plug into perfs, with top of cement displaced to 3155' (at 1500 psi)
2. Spotted 10 sk. plug from 2300-2400'.
3. Cut and pulled 925' - 4½" casing.
4. Spotted 10 sk. plug from 1300'-1400'.
5. Cut and pulled 805' - 7" casing.
6. TIH with tubing and spotted 50 sk. plug from 250'-350'.
7. Spotted 10 sk. plug at surface.
8. Installed dry hole marker.

All plugs displaced with mud, and hole stood full following each plug. P&A operations complete 12 noon, February 22, 1977. P&A form #9-330 will follow as soon as location is restored and ready for final inspection.

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

SIGNED Ronald D. Scott TITLE Division Drilling Engineer DATE February 24, 1977

Ronald D. Scott

(This space for Federal or State office use)

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



HOUSTON OIL & MINERALS CORPORATION

February 25, 1977

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

Re: Federal 12-7
SW NW Sec. 7-T4S-R20E
Uintah County, Utah

Attention: Mr. Pat Driscoll

Gentlemen:

Enclosed are two copies of a sundry notice indicating the subsequent report of abandonment on the above mentioned well.

If there are any additional questions or requirements at this time, please do not hesitate to contact this office.

Respectfully yours,

Ronald D. Scott

Ronald D. Scott
Division Drilling Engineer

RDS/gs
Enclosures



CIRCULATE TO:

DIRECTOR _____ *✓*
PETROLEUM ENGINEER _____ *✓*
MINE COORDINATOR _____ *✓*
ADMINISTRATIVE ASSISTANT _____ *✓*
ALL _____ *✓*

RETURN TO Kathy
FOR FILING *✓*

March 3, 1977

Memo to File:

Re: Houston Oil & Minerals
Federal 12-7
Sec. 7, T. 4 S, R. 20 E
Uintah County, Utah

A call was received in this office on the 25th of February 1977, from a representative of the above company regarding a plugging program on this well.

It was stated that the field could not establish communications with this office, and as such, the proposed program by the U.S.G.S. was followed.

It was concurred that the U.S.G.S.'s program on this well would be acceptable.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/tlb

cc: U.S. Geological Survey



HOUSTON OIL & MINERALS CORPORATION

March 28, 1977



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

Re: Federal 11-6 (Castle Creek)
NW NW Sec. 6-T39S-R14E
San Juan County, Utah

Attention: Kathy Ostler

Gentlemen:

Enclosed are two copies of the "Well Completion or Recompletion Report and Log" for the captioned well. My records show that this form was completed and sent October 8, 1976, however according to your letter of March 22, 1977, your office does not have it on file.

I hope that this form provides you with the necessary information, however, if you have any further requests, please do not hesitate to contact this office.

Respectfully yours,

Gail A. Souder

Gail A. Souder
Drilling Secretary

enclosures

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U-6765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

12-7

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 7-T4S-R20E

12. COUNTY OR PARISH Uintah

13. STATE Utah

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [x] Other []

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

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 1318' FNL and 443' FWL, Sec. 7-T4S-R20E

At top prod. interval reported below

same At total depth

same

14. PERMIT NO. - DATE ISSUED 11-24-76

15. DATE SPUNDED 11-29-76 16. DATE T.D. REACHED 1-3-77 17. DATE COMPL. (Ready to prod.) N/A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7223' (GR) 19. ELEV. CASINGHEAD N/A

20. TOTAL DEPTH, MD & TVD 4048' 21. PLUG, BACK T.D., MD & TVD 3988' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY ROTARY TOOLS yes CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mancos: 2285' (Top) 25. WAS DIRECTIONAL SURVEY MADE yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/LL8, BHC/Sonic, FDC/CNL, Dipmeter 27. WAS WELL CORED no

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

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 9-5/8", 7", and 4 1/2" casing sizes.

29. LINER RECORD

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Row shows N/A for all fields.

31. PERFORATION RECORD (Interval, size and number)

3230'-55; 3405'-35; 3515'-40'; 3605'-25' one shot/ft, 100 total shots, ID=.38"

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

Table with 2 columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIEAL USED. Rows describe acid treatments for all perforations.

33.* PRODUCTION

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, 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.).

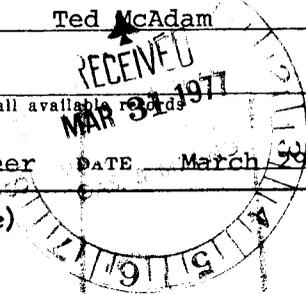
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test. TEST WITNESSED BY Ted McAdam

35. LIST OF ATTACHMENTS

Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED Ronald D. Scott TITLE Division Drilling Engineer DATE March 29, 1977

*(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 electrical logs, 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 and 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, except 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 other documents.

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 Content": 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.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
NAME	MEAS. DEPTH	TRUE VERT. DEPTH					
Mancos	3230	3540	Flowed gas and water while mist drilling	33.	Mancos	2285'	-