

UTAH OIL AND GAS CONSERVATION COMMISSION

CP

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

Application recorded 3.5.85

DATE FILED 11-29-83

LAND: FEE & PATENTED STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: 11-29-83 - OIL

SPUDDED IN: _____
COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: LA 3.5.85

FIELD: 3/86 WILDCAT

UNIT: _____

COUNTY: SUMMIT

WELL NO. MOORE A #1 API #43-043-30252

LOCATION 1985' FNE FT. FROM (N) (S) LINE, 658' FEL FT. FROM (E) (W) LINE. SENE 1/4 - 1/4 SEC. 20

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				3N	7E	20	CITIES SERVICE OIL & GAS

CITIES SERVICE OIL AND GAS CORPORATION
900 COLORADO STATE BANK BUILDING
1600 BROADWAY
DENVER, COLORADO 80202

(303) 861-2464

November 17, 1983

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

RE: Cities Service Oil & Gas Corporation
Moore A-1
SE NE Section 20-T3N-R7E

Dear Sir:

Enclosed are two (2) copies of State of Utah Form OGC-1a "Application for Permit to Drill, Deepen, or Plug Back" and two (2) location plats for the above referenced well.

If there are any further requirements please contact this office.

Sincerely,



Steven C. Jorgensen
Engineer, Western Region

SCJ/rm
Enclosures

RECEIVED
NOV 21 1983

DIVISION OF
OIL, GAS & MINING

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

8

5. Lease Designation and Serial No. Fee Lease
6. If Indian, Allottee or Tribe Name N/A
7. Unit Agreement Name N/A
8. Farm or Lease Name Moore A
9. Well No. 1
10. Field and Pool, or Wildcat North Pineview
11. Sec., T., R., M., or Blk. and Survey or Area 20-T3N-R7E
12. County or Parrish Summit, Utah 13. State Utah
17. No. of acres assigned to this well 40
20. Rotary or cable tools Rotary
21. Approx. date work will start* 1 January 1984

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 Cities Service Oil and Gas Corporation
3. Address of Operator 1600 Broadway, Suite 900, Denver, CO 80202
4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface 1985' FNL & 658' FEL (SE NE)
At proposed prod. zone N/A
14. Distance in miles and direction from nearest town or post office* Approximately 22 miles NE of Coalville, Utah.
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 658'
16. No. of acres in lease 236
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. N/A
19. Proposed depth 11,600'
21. Elevations (Show whether DF, RT, GR, etc.) 7590' (Ungraded)

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	106#	600'	± 1000 sx
17-1/2"	13-3/8"	68# & 72#	6000'	± 900 sx *
12-1/4"	9-5/8"	43.5# & 47# & 62.8#	9140'	± 550 sx *
8-1/2"	5-1/2"	17#	11,600'	± 400 sx *

* Cement volumes will be determined from a caliper log with a minimum of 25% excess. Cement will be lifted to cover 500' above any hydrocarbon zones plus 25% excess where applicable.

- 1) Drill 17-1/2" hole to 600'. Open hole to 26".
- 2) Set 20" surface casing, nipple up BOPE and test.
- 3) Drill 17-1/2" hole to 6000'.
- 4) Set 13-3/8" Intermediate "A" casing. Nipple up BOPE and test.
- 5) Drill 12-1/4" hole to 8000', convert mud system to salt-gel mud and drill to 9140'.

OVER

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 Richard O. Berg Title Operations Manager Date 11-17-83

(This space for Federal or State office use)
Permit No. 43-043-30252 Approval Date _____

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

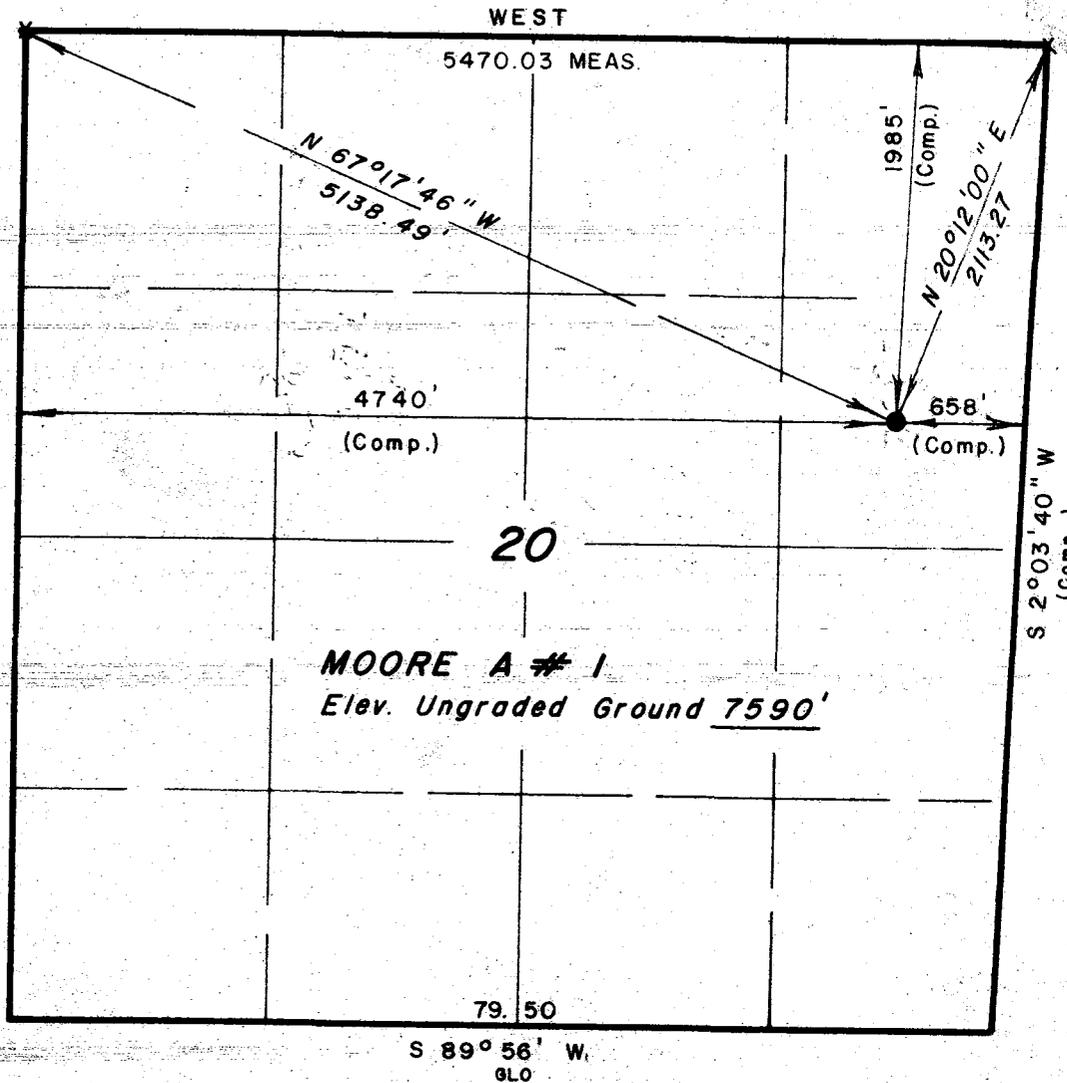
- 6) Set 9-5/8" Intermediate "B" casing @ 9140' (above Twin Creek Fm.) Nipple up BOPE and test.
- 7) Drill 8-1/2" hole to total depth using fresh water mud.
- 8) Set 5-1/2" casing. Nipple up BOPE and test.
- 9) Logs:
 - A) Dual Induction Laterlog w/Gamma Ray from total depth to the base of the surface casing.
 - B) Borehole Compensated Sonic w/Gamma Ray from total depth to the base of the surface casing.
 - C) Compensated Neutron - Formation Density w/Gamma Ray from total depth to top of the Twin Creek.
 - D) Four Arm Digital Dipmeter from total depth to top of the Twin Creek.
- 10) Coring:
 - A) None planned.
- 11) Drill Stem Testing:
 - A) One in the Nugget Formation.
- 12) Mud Logging:
 - A) Manned unit from base of surface casing to total depth.

T3N, R7E, S.L.B. & M.

PROJECT

CITIES SERVICE COMPANY

Well location, MOORE A#1,
located as shown in the SE 1/4
NE 1/4, Section 20, T3N, R7E,
S.L.B. & M. Summit 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 L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 5709
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 11/7/83
PARTY RK, BK, DB JH	REFERENCES GLO PLAT
WEATHER FAIR	FILE CITIES SERVICE

X = Section Corners Located

OPERATOR Cities Service Oil & Gas Corp. DATE 11/28/83
WELL NAME North Pioneer 1
SEC SENE 20 T 3N R 7E COUNTY Summit

43-043-30252
API NUMBER

Fee
TYPE OF LEASE

POSTING CHECK OFF:

INDEX MAP HL
 NLD PI

PROCESSING COMMENTS:

IRREGULAR SECTION - NO OIL OR GAS WELLS WITHIN 4960'

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

DATE: 11-29-83
BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

11/29/83

APPROVAL LETTER:

SPACING: A-3 _____ UNIT c-3-a _____ CAUSE NO. & DATE
 c-3-b c-3-c

SPECIAL LANGUAGE:

1 WATER
2 - A BOF DIAGRAM AND ESTIMATE OF FORMATION TOPS SHALL ^{ALSO} BE SUBMITTED PRIOR TO SPACING.

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *BLANCHET*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

SA: _____
DATE: _____

OF OVS AND MINING
OF OIL DIVISION OF
APPROVED BY THE STATE

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

VERIFY LEGAL AND SUFFICIENT DRILLING WATER

November 29, 1983

Cities Service Oil & Gas Corporation
1600 Broadway, Suite 900
Denver, Colorado 80202

RE: Well No. Moore A #1
SENE Sec. 20, T. 3N, R. 7E
1985' FNL, 658' FEL
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void. A BOP diagram and estimate of formation tops shall also be submitted prior to spudding.

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

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-043-30252.

Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
Encl.



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

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

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

February 5, 1985

Cities Service Oil & Gas Corporation
 1600 Broadway, Suite 900
 Denver, Colorado 80202

Gentlemen:

Re: Well No. Moore A#1 - Sec. 20 T. 3N., R. 7E
Summit County, Utah - API #43-043-30252

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice. If any operations have been performed on this well location it is imperative that you notify this division immediately.

A new "Application for Permit to Drill" must be filed with this office for approval, prior to future drilling of the subject location.

Sincerely,

John R. Baza
 John R. Baza
 Petroleum Engineer

clj

cc: Dianne R. Nielson
 Ronald J. Firth
 File

0087S/27