

UTAH OIL AND GAS CONSERVATION COMMISSION

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

Application Rescinded 6-3-85

DATE FILED 4-16-84

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

DRILLING APPROVED: 4-25-84 OIL (Cause No. 131-55)

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: 5464' gw

DATE ABANDONED: LA 6-3-85

FIELD: 7/8c BLUEBELL

UNIT: _____

COUNTY: UINTAH

WELL NO. SAM-PHILLIPS #400 1-24A1 API NO 43-047-31462

LOCATION 1330' FSL FT. FROM (N) (S) LINE. 2453' FEL FT. FROM (E) (W) LINE. NWSE 1/4 - 1/4 SEC. 24

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				1S	1W	24	SAM OIL, INC.

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

(Other instructions on reverse side)

1. Lease Designation and Serial No.
Free ✓

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name
George Houston

9. Well No.

Sam-Phillips #400 1-24A1
10. Field and Pool, or Wildcat

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

Sec 24: T1S, R1W, USM
12. County or Parrish 13. State

Uintah County, Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

CONFIDENTIAL

1a. Type of Work
DRILL DEEPEN PLUG BACK

1b. Type of Well
Oil Well Gas Well Other
Single Zone Multiple Zone

2. Name of Operator
Sam Oil, Inc.

3. Address of Operator
P O Box 1030, Roosevelt, Utah 84066

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface 1330FSL and 2453 FEL NW 1/4 SE 1/4
At proposed prod. zone Same

14. Distance in miles and direction from nearest town or post office*
6 miles S of Whiterocks, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest dric. line, if any) 1330ft.

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

21. Elevations (Show whether DF, RT, GR, etc.)
5464 ft

16. No. of acres in lease 400

17. No. of acres assigned to this well 400

19. Proposed depth 14,000

20. Rotary or cable tools Rotary

22. Approx. date work will start*
July 15, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
30"	20"		40'	200 CF
12 1/2"	9-5/8"	36	2,000'	400 CF
8-3/4"	7"	26, 29, 32	10,500	750 CF
6"	5"	18	10,400 - 14,000	750 CF

This well is proposed to test the Wasatch Formation. No Wasatch well has previously been drilled in this section, which is within the Roosevelt Unit Boundaries.

Surface damages have been settled with the surface owner. The well is to be drilled from surface to TD with fresh water and/or fresh gell mud. The mud system is to be weighted, as necessary with barite, to control pressure.

BOPE will be installed after setting the surface pipe, and used in accordance with the attached diagram.

Surveyor's plat and BOPE diagram is attached. Water will be furnished by the landowner and an application for the change in water rights will be filed with the State Engineer and a copy to your office.

(THIS WELL IS TO BE HELD CONFIDENTIAL)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING
DATE: 4/4/84
BY: [Signature]

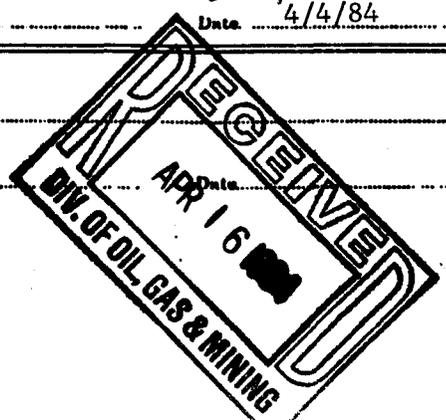
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and describe any productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location, measured and true vertical depths, size blowout preventer program, if any.

24. Signed: Steven A. Malnar title: President Date: 4/4/84
(This space for Federal or State office use)

Permit No. _____ Approval Date _____

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

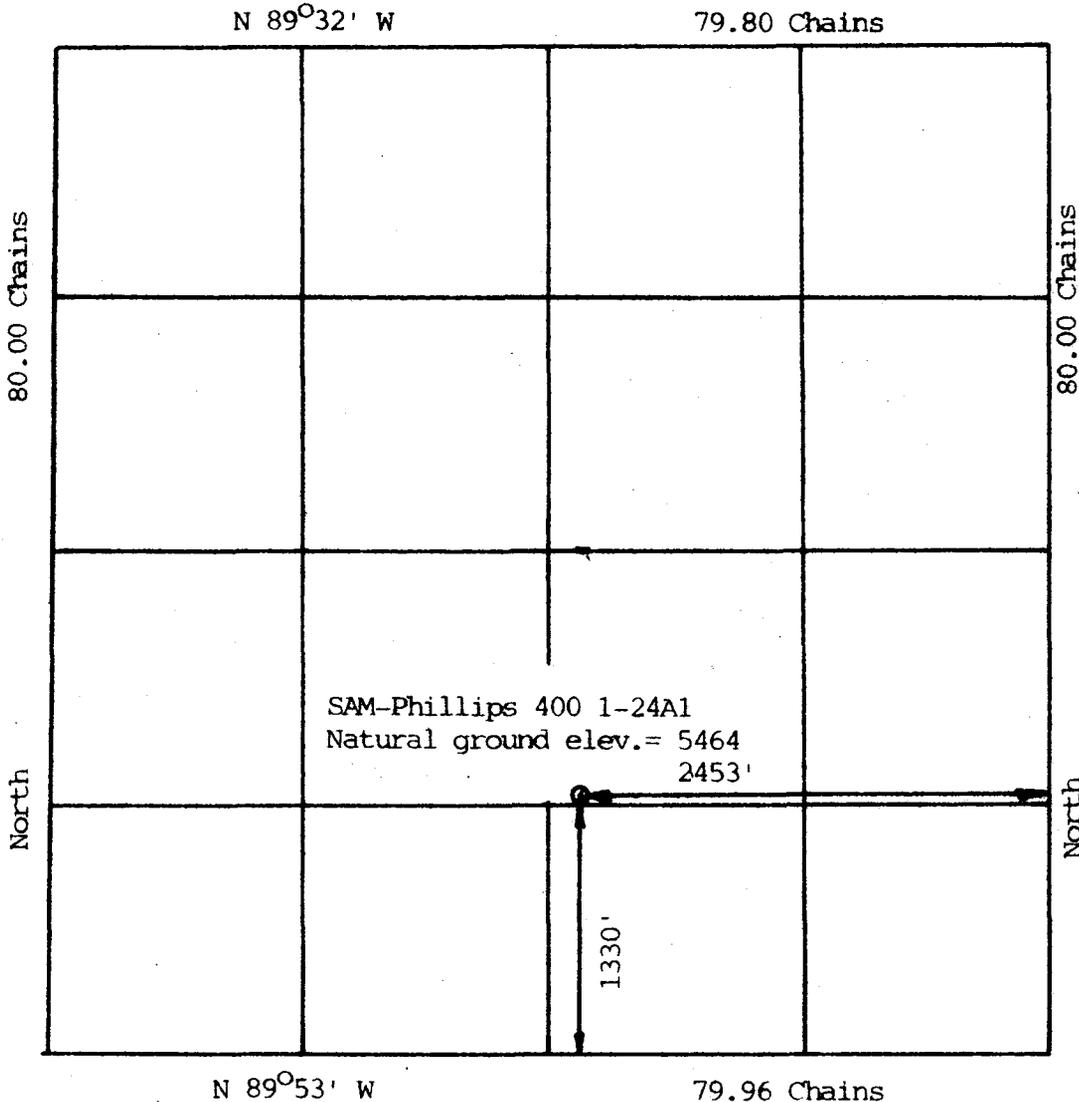
*See Instructions On Reverse Side



SECTION 24
TOWNSHIP 1 SOUTH, RANGE 1 WEST
UINTAH SPECIAL BASE AND MERIDIAN
UINTAH COUNTY, UTAH

SAM OIL CO.

WELL LOCATION: N.W.¼, S.E.¼



SCALE 1"=1000'

SURVEYOR'S CERTIFICATE

I, Clinton S. Peatross, Duchesne, Utah, do hereby certify that I am a Registered Land Surveyor, and that I hold License No. 4779, as prescribed by the laws of the State of Utah, and that I have made a survey of the oil well location, as shown on this plat.

4/15/34
Date

Clinton S. Peatross
Clinton S. Peatross
License No. 4779 (Utah)



Section data obtained from G.L.O. plat.
Section corners determined by fenceline intersections.
Job #202

WELL PROGNOSIS

1. Surface Formation: Duchesne River Formation

2. Estimated Formation Tops:

Green River Formation	6,000
Wasatch Formation	9,000

3. Expected Mineral Bearing Depths:

Fresh Water	Surface to 500'
Saline Water	500' to TD
Oil & Gas	7000' to TD

4. Casing Program:

All casing is to be new.

<u>Depth</u>	<u>Bit</u>	<u>Casing</u>	<u>Weight</u>	<u>Grade</u>	<u>Cement</u>
Surf - 40'	30"	20"	Line pipe		Cement to Surface
Surf - 2,000	12½"	9-5/8"	36#	K55	400 CF
Surf - 10,500	8-3/4"	7"	26,29,32#	N80	750 CF
10,400-14,000	6"	5"	18#	S95	750 CF

5. Pressure Control - See attached diagram:

Minimum 3000 PSI Double rams to be installed after setting Surface Pipe.

5000 PSI Double rams with Spherical BOP to be installed after setting 7", Long String.

6. Drilling Mud:

Well to be drilled to 6500 with fresh water. Fresh gel mud, weighted barite, as required, will be used from 6500' to TD. A minimum of 200 bbls of mud will be maintained in the mud tanks during normal operations. After setting the Long String, a minimum of 1000 sacks of barite will be on location.

7. Auxillary Equipment:

(1) Top and bottom kelly cocks, (2) PVT equipment, and (3) stabbing valve will be maintained on the drilling floor, after reaching the top of the Wasatch Fm. A Choke manifold, with automatic choke, and a gas buster will also be available, when drilling overpressured intervals.

8. Formation Evaluation:

No cores or DST's are anticipated.

DIL-GR logs will be run from the Surface Pipe to TD. CNL-FDC and mud logs will be run from 8000' to TD.

9. Drilling Hazards:

Overpressured intervals are expected in the lower Wasatch Fm. Pressure control equipment, weighted muds, and mud monitoring, previously outlined, will be adequate to maintain control of the well.

No other drilling Hazards are anticipated.

10. Timing:

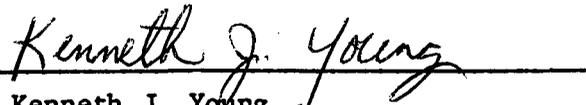
The anticipated spud date is July 15, 1984

Estimated drilling time is 70 days.

The completion will take another 15 days.

11. Water:

Water application to State of Utah for use of water from Uintah River Drainage


Kenneth J. Young
Geologist

CONFIDENTIAL

OPERATOR

Sam Oil, Inc.

DATE

4-18-84

WELL NAME

Sam - Phillips #400 1-24A1

SEC

NWSE 24

T

15

R

1W

COUNTY

Utah

43-047-31462

API NUMBER

Fee

TYPE OF LEASE

POSTING CHECK OFF:

INDEX

HL

NID

PI

MAP

PROCESSING COMMENTS:

No other wells in Sec. 24 - (except in Roosevelt Unit)
Need water

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

131-55 3-22-84
CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

1-water

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER 131-14

UNIT _____

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

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

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

April 25, 1984

Sam Oil, Inc.
P.O. Box 1030
Roosevelt, Utah 84056

RE: Well No. Sam-Phillips #400 1-24A1
NWSE Sec. 24, T. 1S, R. 1W
1330' FSL, 2453' FEL
Uintah County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Order of Cause No. 131-55 dated March 22, 1984 subject to the following stipulation:

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

In addition, the following actions are necessary to fully comply with this approval:

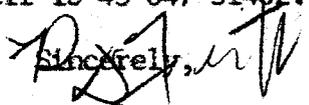
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-5068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Sam Oil, Inc.
Well No. Sam-Phillips #400 1-24A1
April 25, 1984
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31462.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

RJF/gl

Enclosures



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

May 3, 1985

Sam Oil, Incorporated
Attn: Steve A. Mainar
Po Box 1030
Roosevelt, Utah 84066

Gentlemen:

Re: Well No. Sam-Phillips 400 1-2A1 - Sec. 24, T. 1S., R. 1W.,
Uintah County, Utan - API #43-047-31462

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,

A handwritten signature in cursive script that reads "John R. Baza".
John R. Baza
Petroleum Engineer

pk
cc: Dianne R. Nielson
Ronald J. Firth
File

0170S/74