

STATE DS
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR ATE*
 (Other instructl. on
 reverse side)

Form approved.
 Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.
State Lease # ML 21151-A

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 **Sagadahoc Oil & Gas Corporation**
P. O. Box 553, Lakeville, Connecticut 06039

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **2295 feet South of the North line and 967 feet West of the East line of Sec. 16, T. 30 S., R. 16 E., SL&M.**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

62 miles South of Greenriver, Utah.

15. 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

320

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.

19. PROPOSED DEPTH

To PWR 1700'

20. ROTARY OR CABLE TOOLS

Rotary

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

Ground line elevation 6362

22. APPROX. DATE WORK WILL START*

June 15, 1970

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	8" O. D.	23# Grade J-55	3 Joints (90')	30 sacks

90 feet of 7" surface pipe will be set and cemented. A Ram type Blow Out Preventer will be installed

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 George H. Newell TITLE Agent DATE 5/25, 1970

(This space for Federal or State office use)

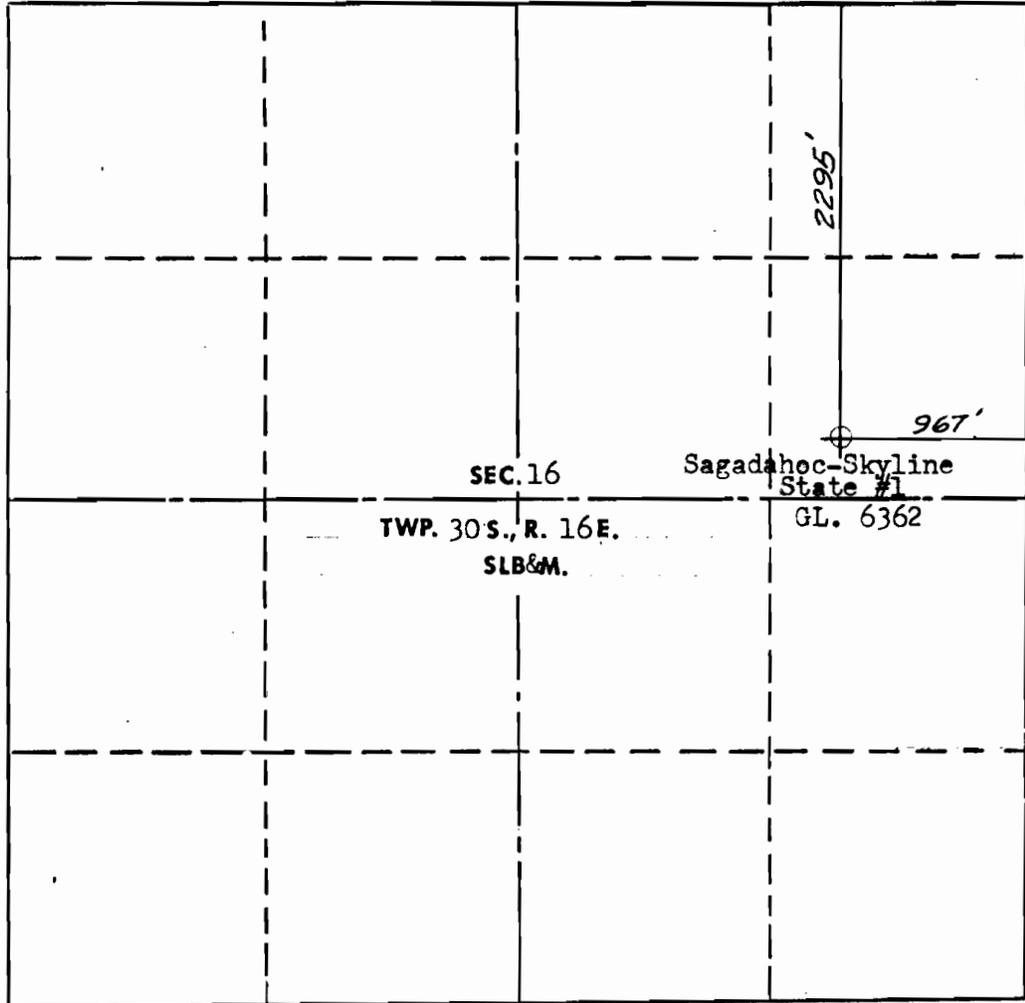
PERMIT NO. 43-055-3000P APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



SCALE: 1" = 1000'



SURVEYORS CERTIFICATE

I, GEORGE H. NEWELL A REGISTERED LAND SURVEYOR AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH, HOLDING LICENSE NO. 1770, CERTIFY THAT THIS PLAT OF:

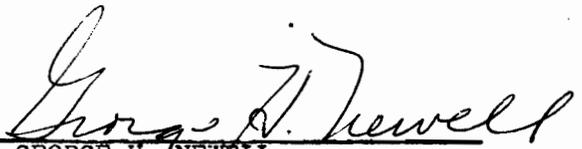
SAGADAHOC - SKYLINE - STATE NO. 1.

AND MORE SPECIFICALLY DESCRIBED AS FOLLOWS:

2295 feet from the North line and 967 feet from the East line of Sect. 16, T. 30 S., R. 16 E., SLB&M.

IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 5-22-70


GEORGE H. NEWELL

GEORGE H. NEWELL

REGISTERED LAND SURVEYOR

P. O. BOX 356

MOAB, UTAH 84532

TELEPHONE 253-0661

May 25, 1970

State of Utah
Department of Natural Resources
Utah Oil & Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84116

Sagadahoc-Skyline-State #1

Dear Sirs,

Attached hereto are two (2) copies of the following
pertaining to above well location:

Copies of Notice of Intent to drill
Copies of plat showing location

Would you please examine same and give permission to drill
at your earliest convenience.

Yours very truly,



George H. Newell

Agent Sagadahoc Oil & Gas Corp.

cc: Sagadahoc Oil & Gas Corp. Connecticut
Sagadahoc Oil & Gas Corp. San Francisco
Carl Roberts
Skyline Oil & Gas Company.

May 20, 1970

Utah Division of State Lands
Department of Natural Resources
105 State Capitol Bldg
Salt Lake City, Utah 84111

Sagadahoc-Skyline-State #1

Dear Sirs,

Find enclosed one (1) copy of Designation of Operator form
and Original Copy of State Bond of Lessee No. 223-66-58 pertaining
to drilling above well.

Yours very truly,

cc: Utah Division of Oil & Gas Cons. ✓
Sagadahoc Oil & Gas Corp. Lakaville, Conn
Sagadahoc Oil & Gas Corp. San Francisco.
Skyline Oil & Gas Company
Carl Roberts.

George H. Newell

FILE NOTATIONS

Entered in NID File
Location Map Filed
Card Indexed

Approved by Chief.
Approval Letter 5-26-70
Disapproval Letter

COMPLETION DATA:

Date Well Completed Location Inspected
OW..... WW..... TA..... Bond released
GW..... OS..... PA..... State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.) .. 2
E..... I..... Dual GR-N..... Micro.....
BHC Sonic GR..... Lat..... Sonic.....
CBLog..... CCLog..... Others.....



Sagadahoc Oil & Gas
Sagadahoc State #1
Sec 16 - 30 S 16 E
10-28-86

10-28-86

Sagadahoc Oil & Gas
Sagadahoc State #1
10-28-86

10-28-86

May 26, 1970

Sagadahoc Oil & Gas Corporation
Box 553
Lakeville, Connecticut 06039

Re: Sagadahoc-Skyline State #1
Sec. 16, T. 30 S, R. 16 E,
Wayne 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
OFFICE: 328-5771

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

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your co-operation with respect to completing these forms will be greatly appreciated.

The API number assigned to this well is 43-055-30008.

Very truly yours,

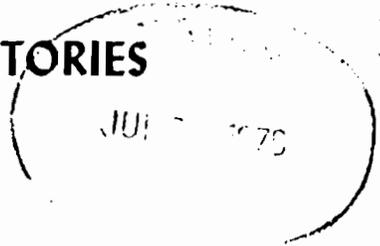
DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: Division of State Lands
George H. Newell, Agent

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 279
Casper, Wyoming



ANALYTICAL REPORT

Company Sagadahoc Oil & Gas Corporation Type of sample Core
 Address Lakeview, Connecticut Date July 20, 1970 Lab. No. 4062
 Other Pertinent Data Wayne County, Utah
Well No. 3
SE NE 16-30S-16E
 Analytical method _____ Analytical classification _____

Residual Oil Saturation

Sample	Porosity %	Permeability millidarcies	% Porespace	% by Volume	% by Weight	Bbls/AF
1 1	18.5	274	28.6	5.30	2.45	411
2 2	15.4	124	46.9	7.22	3.27	560
3 3	17.4	71	26.3	4.57	2.08	355
4 4	19.7	197	28.9	5.68	2.69	441
5 5	18.5	128	23.9	4.42	2.08	343
6 6	19.1	233	11.4	2.17	1.02	68
7 7	16.9	98	1.3	0.22	0.10	17
8 8	15.9	55	6.1	0.98	0.44	76
9 9	19.9	187	5.0	0.99	0.47	77
10 10	19.5	151	11.4	2.23	1.05	173
11 11	23.1	1024	10.5	2.44	1.21	189
12 12	20.7	289	15.5	3.20	1.54	248
13 13	17.0	38	0	0	0	0
14 14	10.8	1.86	0	0	0	0
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
Threshold						

ND - Not detected

Remarks API gravity of extracted oil @60° F. - - - - - 8.5
Total sulfur of extracted oil, % by weight - - - - - 5.47
The above reported API gravity is believed low due to the method of extraction from the
samples submitted and may be as much as 3 - 5 points low.

Core samples taken from internal - 1,560' to - 1,577'

THE STATE OF UTAH
DIVISION OF OIL AND GAS CONSERVATION

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

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 **suspended oil well**

2. NAME OF OPERATOR **Sagadahoc Oil & Gas Corp.**

3. ADDRESS OF OPERATOR **P.O. Box 553, Lakeville, Conn. 06039**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface **2,295' S. of N. line and 967' W. of E. line, sec. 16, T 30 S., R 16 E. SLB & M**

14. PERMIT NO. **(letter of 5-26-70)**

15. ELEVATIONS (Show whether DF, RT, OR, etc.) **Ground line elevation 6,362**

5. LEASE DESIGNATION AND SERIAL NO. **ML 21154-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME **Sagadahoc-Skyline State**

9. WELL NO. **I**

10. FIELD AND POOL, OR WILDCAT **wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **sec. 16, T 30 S., R 16 E.**

12. COUNTY OR PARISH **Wayne**

13. STATE **Utah**

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 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"/>		(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.)*

Ran 5 1/2" casing to - 1,552' in P.W.R.
Cored from - 1,552' to 1,602'
Drilled from - 1,602 to 1,712' T.D.

Top of P.W.R.: -1,470'

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

SIGNED *Walter H. Hartley* TITLE *pres.* DATE *8/7/70*

(This space for Federal or State office use)

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

July 31, 1970

Sagadahoc Oil and Gas Corporation
Box 553
Lakeville, Connecticut 06039

Re: Sagadahoc Federal #3 & Skyline
State #1
Sec.'s. 10 & 16, T. 30 S, R. 16 E
Wayne County, Utah

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months of May and June '70 for the subject well. Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-16, (U.S. Geological Survey 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your cooperation with respect to this request is greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SECRETARY

:sd

SAGADAHOC OIL & GAS CORPORATION
WESTSMITH BUILDING Post Office Box 553
LAKEVILLE, CONNECTICUT 06039

WEST COAST OFFICE
ONE ELEVEN SUTTER BUILDING
SAN FRANCISCO, CALIFORNIA 94104

September 18, 1970

Mr. John Finnigan
U.S. Department of the Interior
Geological Survey
Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

Dear John:

I thought you might be interested in our company's latest finds. After completeing the drilling of our third Elaterite Basin well in Wayne County Utah on Skyline's section 16 state lease, T 30 S., R 16 E., we moved the rig over to our cased #2 well in section 22, same township. You will note from the enclosed Crude Oil Analysis that we were able to bail some heavy black crude from this hole.

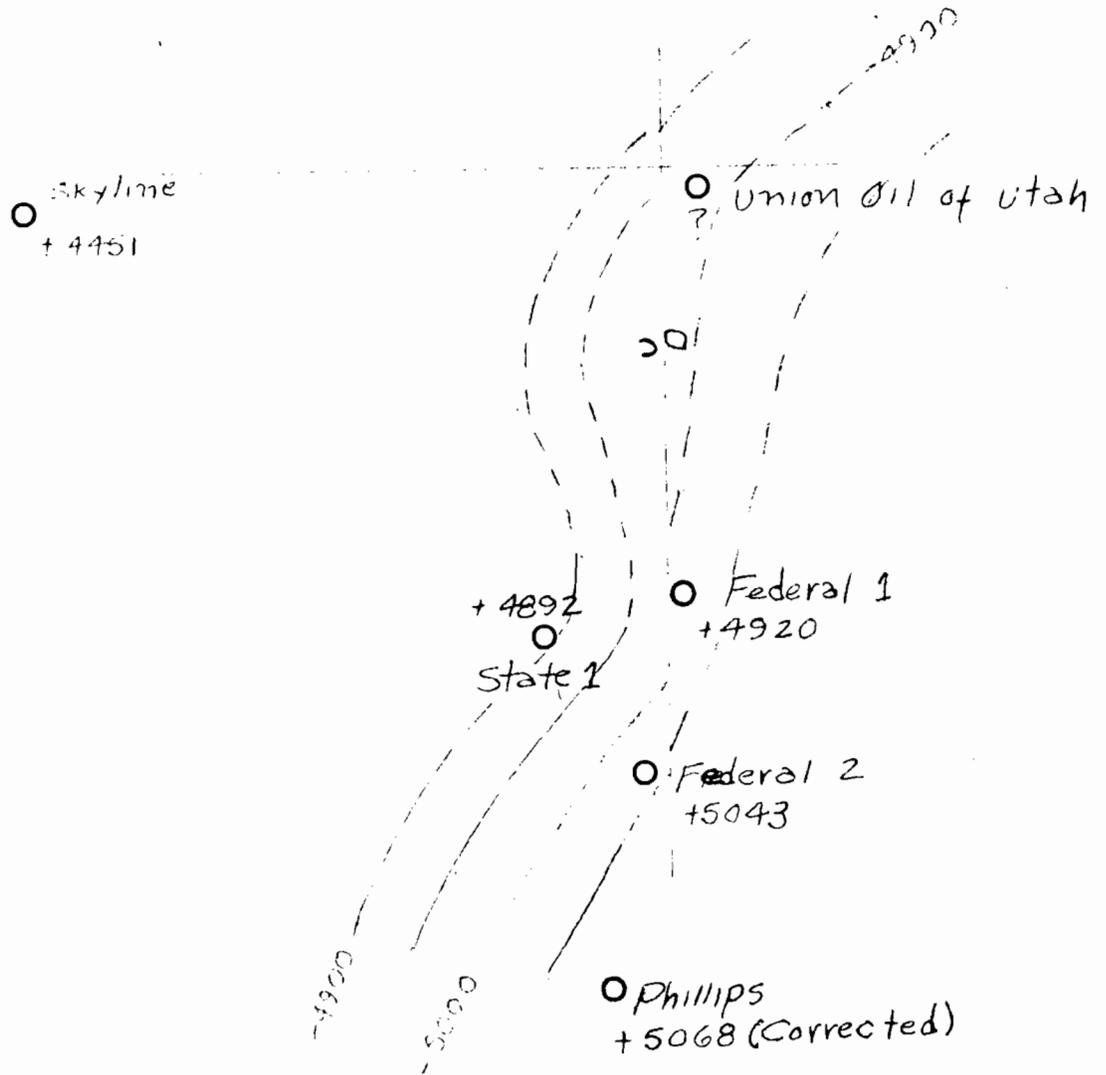
Hoping that everything with you is going fine, I am,

Sincerely yours,

William H. Hart, Jr.
President
Sagadahoc Oil & Gas Corp.

WHHjr:sg

P.S. Incidentally, in well #3 on the state lease we picked up what surely seemed to be a 10 foot "live" oil stringer toward the bottom of the Moenkopi. We encountered a gassy interval of perhaps 30 feet including the 10 foot oil interval. This oil on the pits was of a brown color and sure evaporated in one heck of a hurry. In every respect it seemed to differ from the normal heavy viscous in the Permian White Rim.



Carl Roberts
 August 13, 1970

+5068 - Elevation Top Pur

It is recommended that a log analyst examine the logs of State 1 as compared to the Federal 2 logs and core data and give his opinion as to possible oil saturated zones in the PWR section behind pipe and below 1610 feet.

The GRN tops on pertinent formations are as follows:

Wingate	245 feet ±
Chinle	570 feet ±
Moenkopi	1080 feet ±
White Rim	1470 feet

Mr. Hart reports that an oil zone with gas was encountered at a depth of 1390 to 1400. This zone is clearly shown on the GRN log and is an oil-impregnated sandstone stringer in the Moenkopi. These, according to published data on the area, are quite common and could serve as live oil reservoirs of the stratigraphic type. Future test drillings in the area should test this type of formation if oil and gas shows are noted, particularly if it is found in the same stratigraphic position as in State 1.

A recent publication of D. L. Baars and W. R. Seager in AAPG Bulletin Vol. 54 No. 5 (May 1970) theorizes that the development of offshore bars in the White Rim sandstone were the result of wind-driven longshore currents flowing from the northwest and piling sand into a series of offshore bars in areas of shoaling such as on the northwest plunging nose of the Monument Upwarp. State 1 is located on the southwest flank of this nose. If the sandstone stringers in the Moenkopi represent a recurrence of PWR type deposition there may be bar build up along these stringers in which hydrocarbons would be trapped by shale above and below.

GEOLOGIC INTERPRETATION:

The writer's report of August 23, 1969 which was written after the completion of Sagadahoc Federal 2 in Section 22, Twp. 30 S, R 16 E, indicated the probable existence of a north - south trending fault with a possible closed structural trap west of this fault.

The data from State 1 does not condemn the postulation of this fault. It does, however, alter the structural contours on the top of the PWR west of the fault. The data gives rise to some doubt as to whether closure exists in the PWR west of the fault. The map accompanying this report shows the revised contouring and does not show a definite closure in the PWR.

Consideration was given by the writer to the possibility that State 1 cut a fault and as a result was structurally lower than would normally be anticipated. Published geologic maps of the area show a system of northwest - southeast trending faults which have been identified on the surface in the area northwest of State 1. One of these faults has been shown to possibly extend into section 16, wherein State 1 was drilled. On a field trip to the area in 1968 the writer investigated this possibility and could find no surface evidence to support the existence of northwest - southeast faulting extending into the area of Section 16 where State 1 was drilled.

Assuming State 1 cut a fault then the stratigraphic thicknesses of the various formations penetrated should have thickened or thinned from normal depending upon whether the fault was reverse or normal respectively. A comparison to the closest test wells shows they drilled the following thicknesses of formations below the Wingate and above the White Rim.

	Phillips	Skyline
Chinle	509 feet	?
Moenkopi	403 ft (Ritzma)	419

Corresponding thicknesses in State 1 by log are Chinle 510; Moenkopi 390. Unfortunately the log thicknesses of these formations could not be accurately determined in Sagadahoc Federal 1 and Federal 2 since GRN logs were not run to surface in Federal 2 and could not be run due to caving in Federal 1.

Although the Moenkopi has thinned in State 1 the amount of thinning is only 13 to 29 feet as compared to the other two wells and can hardly be used as evidence that State 1 drilled through a normal fault. Even if it had the vertical displacement along the fault would be so slight that it would not be a significant factor.

It is the writer's conclusion that the lower than anticipated PWR elevation in the State 1 merely indicates that vertical displacement on the west side of the north - south fault is not as great as originally interpreted.



Carl H. Roberts
Geologist

August 13, 1970

Completion Report, Analysis and Interpretation Data, Sagadahoc
State 1, Wayne County, Utah

INTRODUCTION:

Sagadahoc State 1 is located in Sect 16, T 30 S, R 16 E. Coordinates within Sect 16 are 2295' south of the north line and 967' west of the east line. Ground level elevation of the test is 6362 feet.

Examination of the drill cuttings and GRN log indicates the top of the Permian White Rim (PWR) Sandstone to be at 1470 feet. The bottom of the PWR by GRN log is approximately 1670 feet. The log TD of the test is 1703 feet.

The test was cased at 1553 feet with 5 1/2 " casing which means that the upper 83 feet of the PWR was cased off and not cored. The amount of oil saturation in this upper section cannot be reliably determined but a sample study and log examination would indicate that possibly 40 to 50 feet contained oil in unknown quantities.

Cores were taken between 1560 - 80 and 1580 - 1610 feet. There was obvious oil saturation from approximately 1550 to 70 feet but the well site observer, William Hart, reports that the balance of the cored section appeared to contain only slight oil saturation. The latter is confirmed by an examination of sections of the lower cored interval.

The test was drilled from approximately 1610 to TD. An examination of the drill cuttings through the PWR section shows asphaltic particles. However, the cuttings consisted of individual sand grains with no fragments and the writer cannot determine if appreciable oil saturation exists although it appears likely that it does not.

SUMMARY AND CONCLUSIONS:

Data obtained from the drilling of State 1 modifies the writer's geologic structure interpretation as presented in a report of August 23, 1969.

The lower than anticipated elevation on the top of the PWR leads to the conclusion that vertical displacement of the PWR on the west side (upthrown) of the postulated north - south fault is less than originally interpreted. This leads to some doubt as to whether structural closure in the PWR is present west of said fault.

Based on field reports, cutting examination and logs it appears that a maximum of 70 feet of oil saturation were present in the PWR. It is recommended, however, that the opinion of a log analyst be obtained regarding the amount of saturation present.

CORE ANALYSIS, LOGS AND CUTTING EXAMINATION:

Representative sections of the recovered cored sections, 1460 to 1510, have been analyzed and copy of this analysis is appended to this report.

A GRN log was run from TD to surface. At TD no water would stay in the hole and consequently only the induction portion of an E - log could be run.

PI

SAGADAHOC OIL & GAS CORPORATION
WESTSMITH BUILDING Post Office Box 553
LAKEVILLE, CONNECTICUT 06039

WEST COAST OFFICE
ONE ELEVEN BUTTER BUILDING
SAN FRANCISCO, CALIFORNIA 94104

September 18, 1970

Mr. Paul Burchell
Utah Division of Oil & Gas Conservation
Department of Natural Resources
1588 West North Temple
Salt Lake City, Utah 84116

State #1

Dear Paul:

Please find enclosed a copy of my letter of this date to John Finnigan which may be of interest to you. Also enclosed is a copy of the Crude Oil Analysis drilled in section 22 T 30 S., R 16 E., Wayne County Utah, the July 20, 1970 Core Analysis Report re. well #3 drilled on state lease section 16 T 30 S., R 16 E., Induction and Gamma Ray-Neutron logs, and our geologist's report of August 13, 1970. If there is any further information that you wish to receive we will do our very best to supply you with it.

I was very sorry that you weren't able to get down to the drill site when we drilled in well #3 on the state lease. Per usual we certainly had our problems; but at least we were able to core part of the saturated interval and drill the balance of the hole to total depth in order to earn the farmout from Skyline. Frankly, I am not 100% in agreement with our geologist re. the possibility of cutting a fault. Carl Roberts feels we didn't, as you will note from his report, and I feel we quite possibly did. For one thing, cutting a reverse fault would perhaps help explain the unusually thin saturated section encountered at this location. With very best regards, I am,

Sincerely yours,

Bill
William H. Hart, Jr.
President
Sagadahoc Oil & Gas Corp.

WHHjr:sg

January 15, 1971

Sagadahoc Oil & Gas Company
Box 553
Lakeville, Connecticut

Re: Well No. Skyline State #1
Sec. 16, T. 30 S., R. 16 E.,
Wayne County, Utah

Gentlemen:

Upon checking our files, it is noted that you have not as yet filed the "Well Completion or Recompletion Report and Log", Form OGC-3, for the above referred to well.

In as much as we are in the process of compiling data for our 1970 Well Completion Report, it would be appreciated if you would complete and forward the enclosed forms at your earliest convenience. This information will enable us to expedite the processing of our report and keep it accurate and complete.

Thank you for your cooperation and prompt attention with regard to the above.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

:sd
enclosures

12/22/70
H

SAGADAHOC OIL & GAS CORPORATION
WESTSMITH BUILDING Post Office Box 553
LAKEVILLE, CONNECTICUT 06039

WEST COAST OFFICE
ONE ELEVEN SUTTER BUILDING
SAN FRANCISCO, CALIFORNIA 94104

January 20, 1971

Re: Well No. Skyline State #1
Sec. 16, T. 30 S, R. 16 E,
Wayne County, Utah

Scheree DeRose
Division of Oil & Gas Conservation
Department of Natural Resources
1588 West North Temple
Salt Lake City, Utah 84116

Dear Miss DeRose:

Thank you for your letter of reminder dated January 15, 1971, and we certainly apologize for being so late in filling out the subject Well Completion Report. I had thought that this report had been sent in, but it obviously wasn't. We will therefore prepare the Well Completion Report and mail it to your office shortly.

Very truly yours,

Sagadahoc Oil & Gas Corp.


William H. Hart, Jr.
President

WHHjr:sag

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

8

5. LEASE DESIGNATION AND SERIAL NO.

ML 21154-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sagadahoc-Skyline State

9. WELL NO.

I

10. FIELD AND POOL, OR WILDCAT

wildcat

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

Section 16, T 30 S.,
R 16 E.

12. COUNTY OR PARISH

Wayne

13. STATE

Utah

19. ELEV. CASINGHEAD

23. INTERVALS DRILLED BY

0 - 1712

25. WAS DIRECTIONAL SURVEY MADE

27. WAS WELL CORED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other core test

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

2. NAME OF OPERATOR
Sagadahoc Oil & Gas Corp.

3. ADDRESS OF OPERATOR
P.O. Box 553, Lakeville, Conn. 06039

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2295' FNL 967' FEL Section 16, T 30 S.,
R 16 E. SLB & M
At top prod. interval reported below
At total depth same

14. PERMIT NO. DATE ISSUED

letter of 5/26/70

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

6/28/70 7/15/70 suspended

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6362

20. TOTAL DEPTH, MD & TVD

1712

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction and Gamma Ray Neutron

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8		87	8 3/4	cemented with 11 sacks	nil
5 1/4		1,552	6 3/4	set on shoe, not cemented	nil

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. 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

[Signature]

DATE

2/8/71

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Moenkopi	1390	1400	(oil on pits)
White Rim	1512	1552	(oil shows in samples, and indicated on logs)
White Rim	1560	1572	oil (core analysis attached)

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wingate	245±	
Chimle	570±	
Moenkopi	1,080±	
White Rim	1,470±	