

Blackwood RR-RR-RR

RR-RR-RR

FILE NOTATIONS

Entered in NED File ..... ✓  
 Location Map Pinned ..... ✓  
 Card Indexed ..... ✓

Checked by Chief PWB  
 Approval Letter 12-8-71  
 Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 3-16-72  
 NW..... WW..... TA.....  
 GW..... OS..... PA.....

Location Inspected ..  
 Bond released  
 State or Fee Land ..

LOGS FILED

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

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  
 Sun Oil Company

3. ADDRESS OF OPERATOR  
 P.O. Box 1798, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1587' EWL, 1986 NSL Sec. 13 (NE SW)  
 At proposed prod. zone  
 same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 12 miles east, 4 miles north of Duchesne, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 1587

16. NO. OF ACRES IN LEASE  
 160

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 160

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

19. PROPOSED DEPTH  
 12,500

20. ROTARY OR CABLE POOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5208' Ground

22. APPROX. DATE WORK WILL START\*  
 12-15-71

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-1-2-2186

6. IF INDIAN, NAME OF TRIBE OR TRIBE NAME  
 J. W. Accawinna

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 J. W. Accawinna

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA  
 Sec. 13-3S-3W

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	10-3/4	40.5	1500	600 sx
9-7/8	7-5/8	33.7, 29.7, 26.4	9000	900 sx
6-1/2	4-1/2 liner	11.6	12000	600 sx

Certified location plat is attached.  
 Principal objective is the Wasatch  
 There are no plans for directional drilling of this well.  
 All indications of fresh water will be reported.  
 Designation of Operator from Gulf Oil Company to Sun Oil Company is attached.  
 A \$150,000 bond, No. 791-20-22 covering Federal land with Gulf Oil as principal  
 and the Federal Insurance Company of New York as surety is on file with the U. S.  
 Department of Interior.

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 J.B. Hastings TITLE Dist. Engr. DATE 12-3-71

(This space for Federal or State office use)

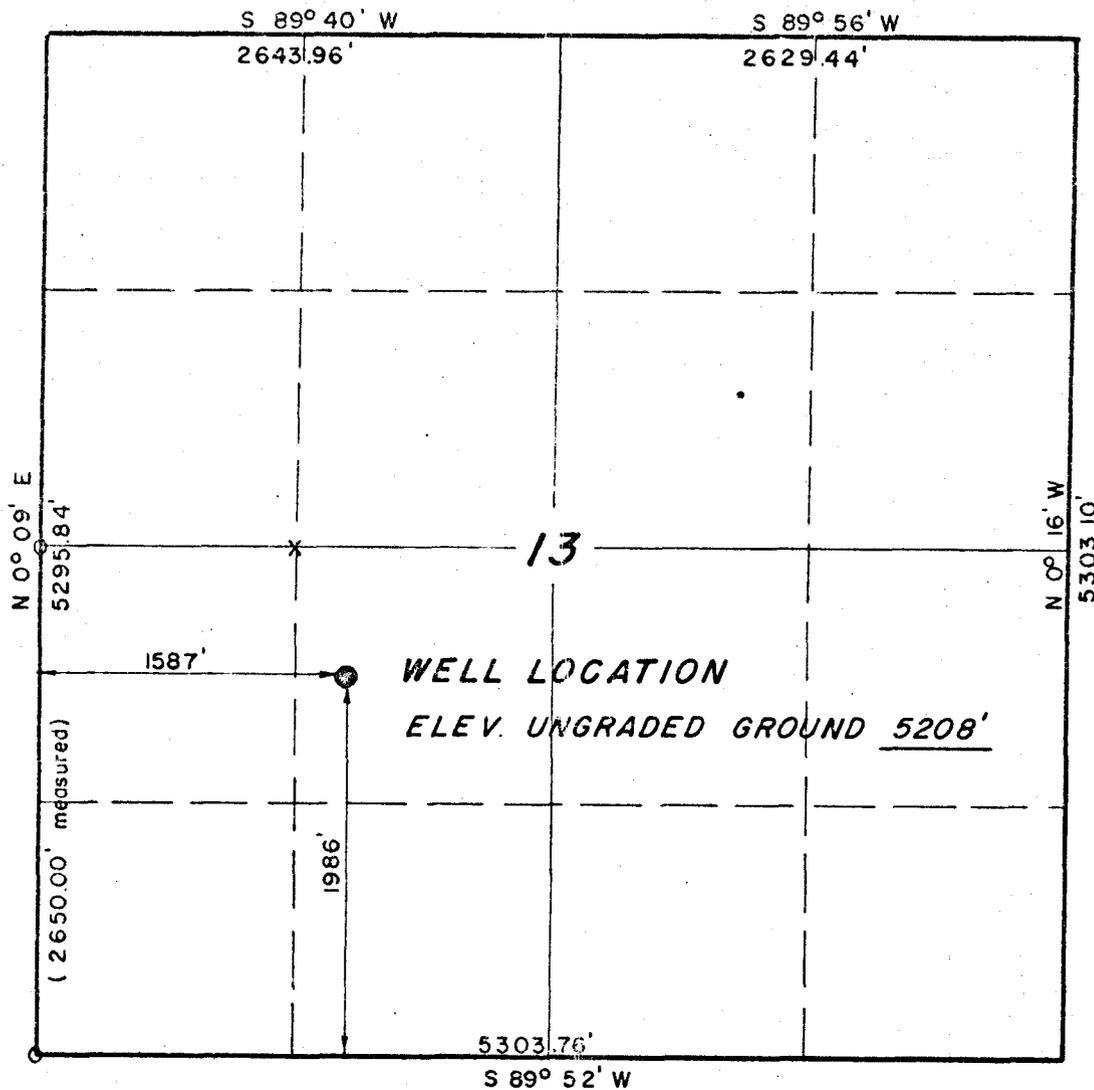
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

T3S, R3W, U.S.B.&M.

PROJECT  
SUN OIL COMPANY

Well location located as shown  
in the NE 1/4 SW 1/4 Section 13,  
T3S, R3W, U.S.B.&M. Duchesne  
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.

*James Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

O = Section Corners (Re-established)  
X = Section Corners Located (Brass Caps)

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

SCALE 1" = 1000'	DATE 3 Nov., 1971
PARTY L.D.T. B.H. T.H.	REFERENCES GLO Plat
WEATHER Overcast	FILE SUN OIL CO.

J. W. ACCAWINNA NO. 1

BOP - 10-3/4 to 7-5/8 CS

1. Sun will furnish casing flange and choke manifold.
2. Contractor will furnish 2 - 10" Series 900 Ram type (1 pipe, 1 blind) Cameron "QRC" and 1 - 10" Series 900 G.K. Hydril.
3. Sun will furnish rotating-head and stripper rubbers.
4. Sun will furnish testing services to test BOP to 3000# when such test is requested by Sun.

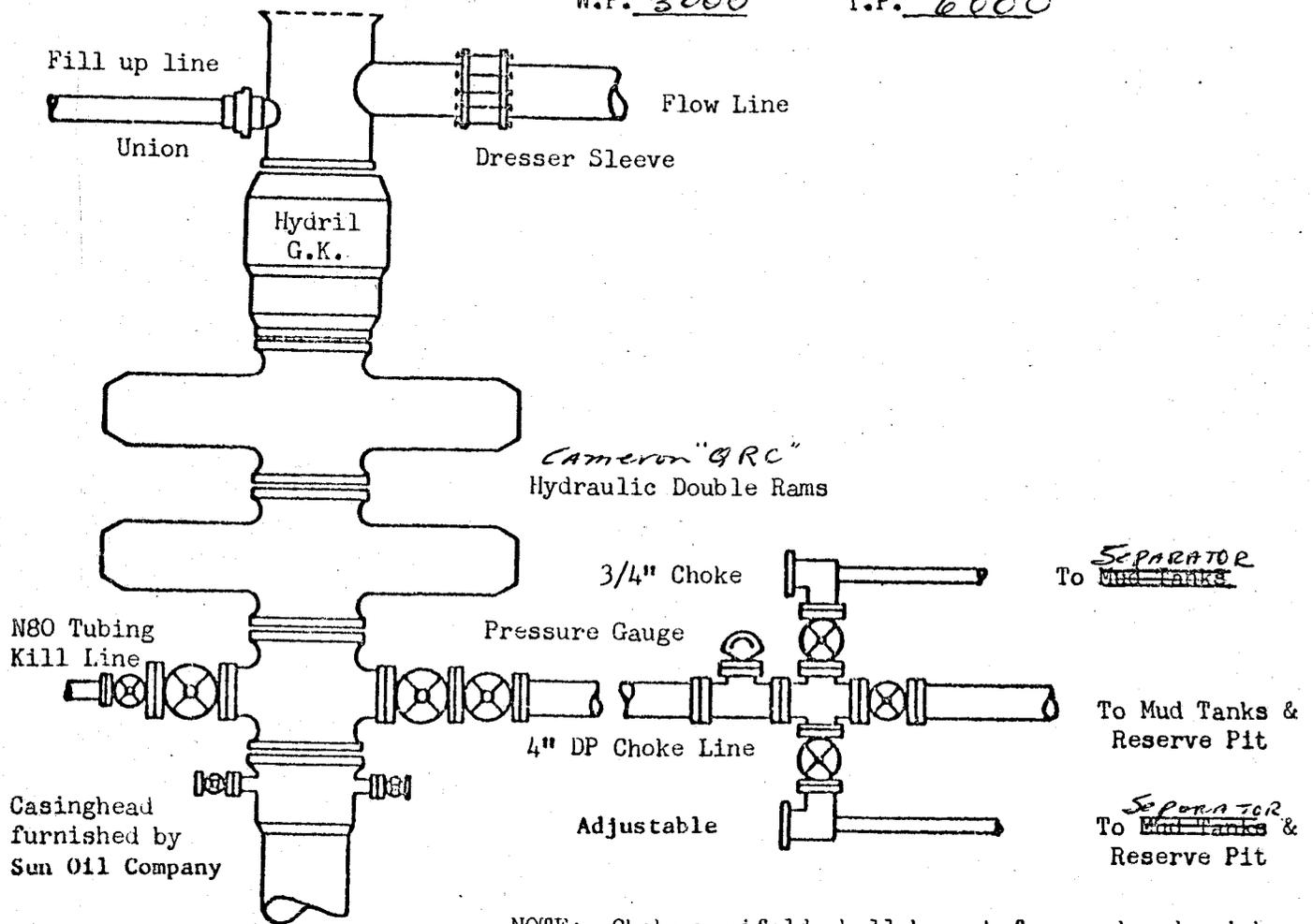
mj

SUN OIL COMPANY

TULSA REGION

HYDRAULIC BLOWOUT EQUIPMENT HOOKUP "B"

SIZE 10 SERIES 900  
 W.P. 3000 T.P. 6000



NOTE: Choke manifold shall be out from under derrick floor & raised above ground level. Extra choke (Sizes 1/4"-1/2"-3/4"-1") shall be maintained on location at all times.

1. Blowout equipment shall be properly installed immediately after surface casing is cemented & ~~immediately after intermediate casing is cemented~~, & entire assembly shall be ready for any emergency at this time.
2. All flanges, steel valves, gauges, fittings, & lines shall have a minimum working pressure of the Series or pressure rating noted.
3. All hydraulic lines used for operating blowout equipment shall be equipped with swing joints & have a minimum working pressure of 3000 psi. Hydraulic pressure shall be supplied by a ~~"Hydril"~~ "Hydril" 80-gallon accumulator with hydraulic type oil as a medium.
4. Extension rods & manual operating wheels shall be installed on gates immediately & shall be plainly marked "Pipe Rams" & "Blind Rams".
5. All manifold control valves shall be clearly marked as to designation "Hydril", "Blind Rams" & "Pipe Rams". "Blind Ram" operating valve shall be pinned so that valve cannot be operated until pin or lock is removed.
6. At least two vapor-proof safety lanterns shall be maintained on rig floor at all times.
7. An inside blowout preventer of proper size & pressure rating shall be maintained on rig floor at all times.
8. Blowout equipment shall be closed & inspected each 24 hours & noted on the daily drilling report.
9. Wherever possible, mouse hole to be off-center of hole to allow choke line to run from drilling spool to manifold in a straight line.

J. W. ACCAWINNA NO. 1

BOP - 7-5/8" casing to TD

Sun will furnish:

1. 3 - 6" Shaffer LWS 5000# WP (2 pipe, 1 blind)
2. 1 - 6" GK Hydril 5000# WP
3. 1 - 6" Grant "Shorty" drilling head 3000# WP
4. 1 - 5000# WP - 4" hydraulic valve on choke line between BOP and choke manifold
5. 1 - 6" 5000# WP x 6" 5000# WP drilling spool with 4" flanged outlets
6. 1 - 10" Series 900 x 6" Series 1500 tubing spool and valves with 2" flanged outlets
7. 1 - Choke manifold equivalent to attached sketch with all lines and connections up stream of choke minimum of 5000# WP
8. 1 - 5000# WP lower kelly valve
9. 2" or 3" 5000# WP kill line with valve and check valve to be laid to edge of pad
10. Inside BOP with box and pen to match drill pipe
11. Testing services to test BOP to 5000#

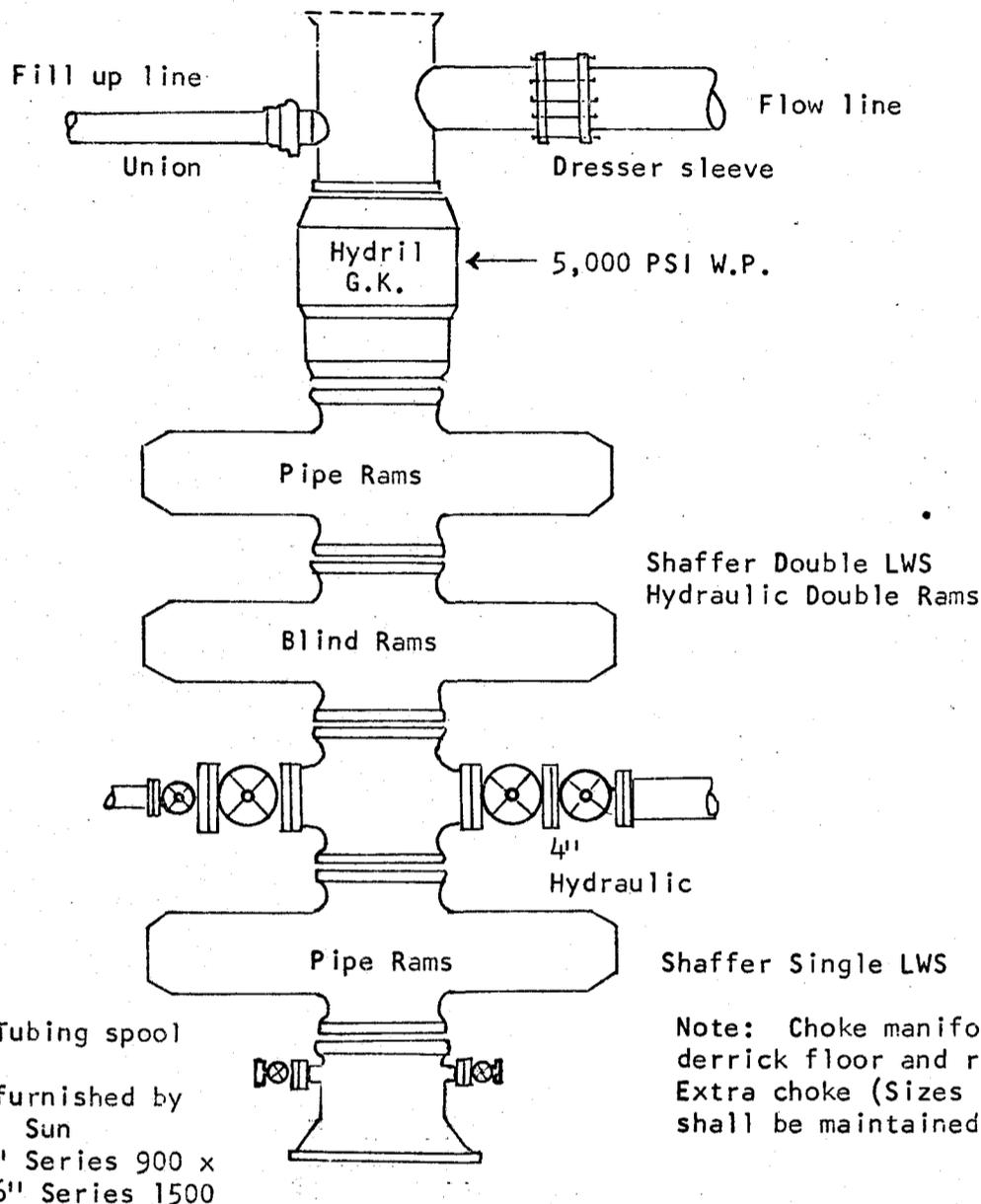
It will be the contractor's responsibility to train each member of the drilling crew in the operation of the blow-out prevention equipment.

Blowout prevention drills will be conducted as required by Sun's drilling foreman supervising the well. Such drills will be unannounced. The crew will assume the well is blowing out and react accordingly without attempting to determine whether a drill is being conducted. The drill will be noted and the time required to shut the well in will be recorded on the daily drilling report.

HET:mj

## HYDRAULIC BLOWOUT EQUIPMENT

Size 6"                      Series 1,500  
W.P. 5,000                      T.P. 10,000



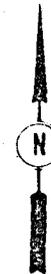
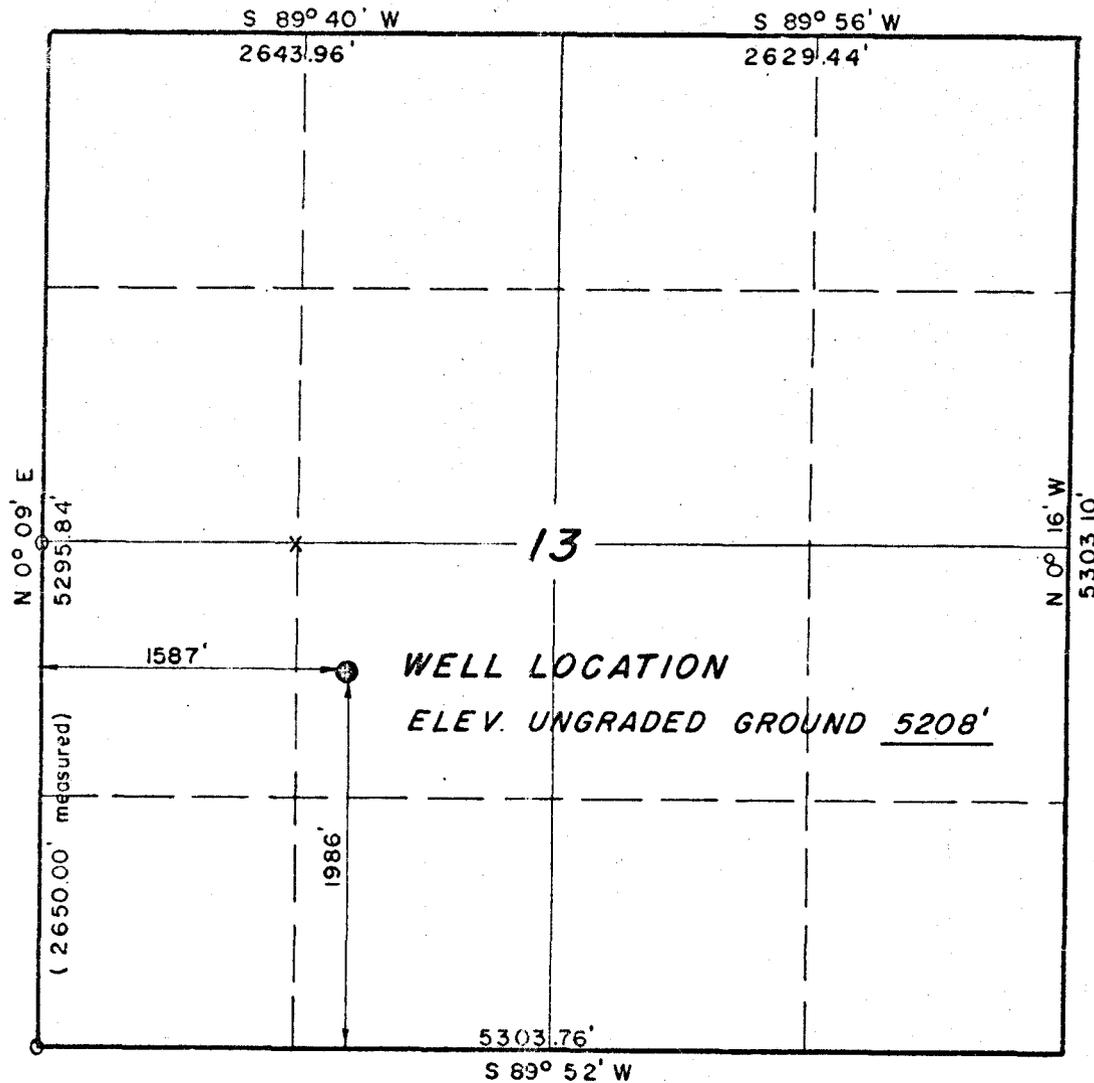
1. Blowout equipment shall be properly installed immediately after surface casing is cemented & immediately after intermediate casing is cemented, & entire assembly shall be ready for any emergency at this time.
2. All flanges, steel valves, gauges, fittings, & lines shall have a minimum working pressure of the Series or pressure rating noted.
3. All hydraulic lines used for operating blowout equipment shall be equipped with swing joints & have a minimum working pressure of 3000 psi. Hydraulic pressure shall be supplied by a "Hydril" 80-gallon accumulator with hydraulic type oil as a medium.
4. Extension rods & manual operating wheels shall be installed on gates immediately & shall be plainly marked "Pipe Rams" & "Blind Rams."
5. All manifold control valves shall be clearly marked as to designation "Hydril," "Blind Rams," & "Pipe Rams." "Blind Ram" operating valve shall be pinned so that valve cannot be operated until pin or lock is removed.
6. At least two vapor-proof safety lanterns shall be maintained on rig floor at all times.
7. An inside blowout preventer of proper size & pressure rating shall be maintained on rig floor at all times.
8. Blowout equipment shall be closed & inspected each 24 hours & noted on daily drilling report.

9. Wherever possible, mouse hole to be off-center of hole to allow choke line to run from drilling spool to manifold in a straight line.
10. BOP to be tested to 5000# prior to drilling out with 6-1/2" bit.

T3S, R3W, U.S.B.&M.

PROJECT  
SUN OIL COMPANY

Well location located as shown  
in the NE 1/4 SW 1/4 Section 13,  
T3S, R3W, U.S.B.&M. Duchesne  
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.

*James Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

O = Section Corners (Re-established)  
X = Section Corners Located (Brass Caps)

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

SCALE 1" = 1000'	DATE 3 Nov., 1971
PARTY L.D.T. B.H. T.H.	REFERENCES GLO Plat
WEATHER Overcast	FILE SUN OIL CO

December 8, 1971

Sun Oil Company  
Box 1798  
Denver, Colorado 80201

Re: Well No. J.W. Accawinna No. 1  
Sec. 13, T. 3 S, R. 3 W,  
Duchesne County, Utah

Gentlemen:

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

1. This office receiving written notification as to the type of blowout prevention equipment to be installed, as well as, the subsequent testing procedures.
2. Written notification as to the reason this unorthodox location was selected, and further, that your company owns all the acreage within a 660' radius of the proposed location.

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

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

Sun Oil Company  
December 8, 1971  
Page Two

The API number assigned to this well is 43-013-30094.

*Very truly yours,*

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd

cc: U.S. Geological Survey  
8416 Federal Bldg.  
Salt Lake City, Utah 84111



**SUN OIL COMPANY** 907 SOUTH DETROIT AVENUE, POST OFFICE BOX 2039, TULSA, OKLAHOMA  
DENVER DISTRICT - P. O. BOX 1798, DENVER, COLORADO 80201



December 15, 1971

Mr. Cleon B. Feight  
State of Utah  
Department of Natural Resources  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Mr. Feight:

RE: J. W. Accawinna No. 1  
Section 13-3S-3W  
Duchesne County, Utah

As you requested in your approval letter of December 8, 1971, I am enclosing a complete description of our blow-out prevention equipment to be used on this well. As you will note, we plan to use 3000# WP from under surface pipe to 7-5/8" casing seat. We will then use 5000# WP equipment to TD.

This location is not in the C NE SW because of the location of the Medview lateral irrigation ditch. There is also a power line which goes directly through the center of the NE SW which we wanted to avoid. By staying west of both, we were able to make the location accessible and did not have to cross either.

Sun Oil Company does own all of the acreage within a 660' radius of this proposed location.

If you have further questions, please get in touch with me.

Yours very truly,

H. E. Thomas  
District Drilling Superintendent

HET:mj

Enc.

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.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H-62-2186

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

J. W. Accavina

7. UNIT AGREEMENT NAME

J. W. Accavina

8. FARM OR LEASE NAME

J. W. Accavina

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 13-38-3W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other **TGA**

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

2. NAME OF OPERATOR

Sun Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 1798, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface **1587' EWL, 1986' NSL Sec. 13 (NE SW)**

At top prod. interval reported below

At total depth **same**

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

**12-27-71 3-16-72 5208 Grd**

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

**12500 1-12500**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

See attached perforation record

No

26. TYPE ELECTRIC AND OTHER LOGS RUN **Dual Induction-Laterolog, Bore Hole Compensated Sonic Log-GR, GR-Neutron, Compensated Formation Density, Comp. Neutron Log** 27. WAS WELL CORED **No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	Conductor	120	28"	350 sacks	None
10-3/4"	40.5	1497	13-3/4"	850 sacks	None
1-1/4"	2.75	320	13-3/4"	240 sacks	None
7-5/8"	29.7 & 26.4	9300	9-7/8"	700 sacks	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET. (MD)
5"	8967	12496	450			None	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

See attached perforation record

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	See attached stimulation record

33.\* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

See attached Test Record

TGA

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 (CORE.)

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 **Dist. Engr.** DATE **11-14-72**

\*(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.

**38.**

**GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River Wasatch	3104 9070	

P-M

DEC 1 1972

<u>PERFORATION DEPTH</u>	<u>SHOTS</u>	<u>GUN</u>
12,300 - 12,262	1 shot/ft.	2" Omega Jet
12,186 - 12,172	1 shot/ft.	2" Omega Jet
12,070 - 12,050	1 shot/4 ft.	2" Omega Jet
12,070 - 12,050	1 shot/2 ft.	2" Omega Jet
11,850 - 11,700	2 shots/ft.	2" Omega Jet
11,691 - 11,675	2 shots/ft.	2" Omega Jet
11,645 - 11,637	1 shot/ft.	2" Omega Jet
11,593 - 11,579	1 shot/ft.	2" Omega Jet
11,571 - 11,566	1 shot/ft.	2" Omega Jet
11,390 - 11,300	2 shots/ft.	2" Omega Jet
11,104 - 10,984	2 shots/ft.	2" Omega Jet
9,909 - 9,815	2 shots/ft.	3-1/8" Omega Jet
*9,568 - 9,552	1 shot/ft.	3-1/8" Omega Jet
9,239	2 shots	3-1/8" Omega Jet
9,200	2 shots	3-1/8" Omega Jet
9,188	2 shots	3-1/8" Omega Jet
9,178	2 shots	3-1/8" Omega Jet
9,133	2 shots	3-1/8" Omega Jet
9,124	2 shots	3-1/8" Omega Jet
9,070	2 shots	3-1/8" Omega Jet
9,060	2 shots	3-1/8" Omega Jet
9,049	2 shots	3-1/8" Omega Jet
8,984	2 shots	3-1/8" Omega Jet
8,934	2 shots	4" Omega Jet
8,918	2 shots	4" Omega Jet
8,903	2 shots	4" Omega Jet
*8,734 - 8,730	1 shot/ft.	4" Omega Jet
*8,598 - 8,590	1 shot/ft.	4" Omega Jet
7,931 - 7,922	1 shot/ft.	4" Omega Jet
7,790	2 shots	4" Omega Jet
7,764 - 7,752	2 shots/ft.	4" Omega Jet
7,762 - 7,758	1 shot/ft.	4" Omega Jet
7,736	2 shots	4" Omega Jet
7,734	2 shots	4" Omega Jet
7,726	2 shots	4" Omega Jet
7,717	2 shots	4" Omega Jet
7,715	2 shots	4" Omega Jet
7,709 - 7,705	1 shot/ft.	4" Omega Jet
7,706 - 7,694	1 shot/ft.	4" Omega Jet
7,702	1 shot	4" Omega Jet
7,700	1 shot	4" Omega Jet

All perforations done by McCullough Omega Jet and with 10.6 ppg KCL water except as noted.

All measurements from McCullough Correlation Log.

\*Hole filled with 12.2 to 13.1 ppg KCL water.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Duchesne Field or Lease J. W. Accawinna #1

The following is a correct report of operations and production (including drilling and producing wells) for  
December \_\_\_\_\_, 19.71.

Agent's address P.O. Box 1798 Company Sun Oil Company

Denver, Colorado 80201 Signed [Signature]

Phone 266-2181 Agent's title for Dist. Engr.

14-20-H 62-2186

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec.13	3S	3W	1	drlg					drlg @ 900' 12-31-71  Spud 9 p.m. 12-27-71 R&C 16" cond. used 350 sx CS 120 R&C 10-3/4" surf csg CS-1497 used 850 sx Rn 320' 1-1/4" pipe dwn outside 10-3/4" csg cmtd w/240 sx

Note: There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE THIS REPORT

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp Aban.  
WV-Wellhead

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Duchesne Field or Lease J. W. Accawinna #1

The following is a correct report of operations and production (including drilling and producing wells) for  
January, 19 72

Agent's address P.O. Box 1798 Company Sun Oil Company  
Denver, Colorado 80201 Signed *[Signature]*

Phone 266-2181 Agent's title Dist. Engr.

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. 14-20-H 62-2186 Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec. 13	3S	3W	1	drlg					Drlg @ 7641 1-31-72

Note: There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-27 (See back of form.)

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
W/W - Injection

**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Duchesne Field or Lease J. W. Accawinna #1

The following is a correct report of operations and production (including drilling and producing wells) for  
February, 1972.

Agent's address P.O. Box 1798 Company SUN OIL COMPANY  
Denver, Colorado 80201 Signed [Signature]

Phone 266-2181 Agent's title for District Engineer

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec.13	3S	3W	1	Dr1g					Dr1g /10844' 3-1-72

Note: There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
 SI-Shut In D-Dead  
 GI-Gas Injection TA-Temp. Aban.  
 WI-Water Injection

**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Duchesne Field or Lease J. W. Accawinna #1

The following is a correct report of operations and production (including drilling and producing wells) for  
MARCH, 19 72.

Agent's address P.O. Box 1798 Company Sun Oil Company  
Denver, Colorado 80201 Signed [Signature]

Phone 266-2181 Agent's title Dist. Engr.

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec. 13	3S	3W	1	Prep to Acdz					Drld to 12500 TD 12442 PBTB Ran Logs Rn & cmtd 5" OD liner CS-12496' Landing collar 12442 Top of Liner 8967 used 450 sx cmt Tstd Liner Rlstd Rig 12 MN 3-22-72 Rn corr log MI comp rig 3-31-72 Rn 2-7/8" tbg TS 11553 Rn 1-1/2" IJ tbg opn ended TS 4973 Pfd 1 hole p/f 12050-54-58-62-66-70 Pfd w/1 shot P/2' 12050-70 Prep to acdz

Note: There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
 SI-Shut In D-Dead  
 GI-Gas Injection TA-Temp. Aban.  
 W/W - Injection

**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Duchesne Field or Lease J. W. Accawinna

The following is a correct report of operations and production (including drilling and producing wells) for  
May, 1972.

Agent's address P.O. Box 1798 Company SUN OIL COMPANY

Denver, Colorado 80201 Signed [Signature]

Phone 266-2181 Agent's title Dist. Engr.

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. 14-20-H62- Fee & Pat.   
2186

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec. 13	3S	3W	1	Tstg					12500' TD 9110 ' PBTB Pfs 8903-9070' Pkr 8860' 2-1/2" TS 8867' 1-1/2" TS 4973'  Flwd 72 BO, 16 BLW, 12/64" chk, TP-40/100#, GOR 907-1 24 hrs. (lack 285 BLW)  Request report be considered confidential until release of well logs

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
 SI-Shut In D-Dead  
 GI-Gas Injection TA-Temp. Aban.  
 WI-Water Injection

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

State Capitol Building  
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease J. W. Accawinna

The following is a correct report of operations and production (including drilling and producing wells) for

June, 19 72

Agent's address P.O. Box 1798  
Denver, Colorado 80201

Company SUN OIL COMPANY

Signed *[Signature]*

Phone 266-2181

Agent's title Dist. Engr.

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NE SW Sec. 13	3S	3W	1	Tstg				12500 TD/7892 PBTD/ 2 7/8" Tbg TS 7743 Bkr Pkr 7665 Retr. BP 7740 Pfs. 7694-7706  Prep to swab

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection

**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Duchesne Field or Lease J. W. Accawinna

The following is a correct report of operations and production (including drilling and producing wells) for

July, 1972

Agent's address P.O. Box 1798 Company Sun Oil Company

Denver, Colorado 80201 Signed [Signature]

Phone 266-2181 Agent's title Dist. Engr.

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. 14-20-462- Fee & Pat.   
2186

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)				
NE SW Sec. 13	3S	3W	1	Tstg				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">No. of Days Produced</th> <th style="width: 85%;"></th> </tr> <tr> <td></td> <td>                     12500 TD/9719 PBTD                      2-7/8" TBG TS 9563                      Bkr Pkr 9500                      Pfs. 9558-9568                       Testing                 </td> </tr> </table>	No. of Days Produced			12500 TD/9719 PBTD 2-7/8" TBG TS 9563 Bkr Pkr 9500 Pfs. 9558-9568  Testing
No. of Days Produced												
	12500 TD/9719 PBTD 2-7/8" TBG TS 9563 Bkr Pkr 9500 Pfs. 9558-9568  Testing											

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
 SI-Shut In D-Dead  
 GI-Gas Injection TA-Temp. Aban.  
 WI-Water Injection

**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Duchesne Field or Lease J. W. Accawinna

The following is a correct report of operations and production (including drilling and producing wells) for August, 1972.

Agent's address P.O. BOX 1798 Company SUN OIL COMPANY

Denver, Colorado 80201 Signed [Signature]

Phone 266-2181 Agent's title Dist. Engr.

14-20-462-2186

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec. 13	3S	3W	1	Temp. Abandoned					CIBP set @ 7200' Well temporarily P&A 8-30-72 Oral approval obtained from USGS.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
 SI-Shut In D-Dead  
 GI-Gas Injection TA-Temp. Aban.  
 WI-Water Injection

**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Duchesne Field or Lease J. W. Accawinna #1

The following is a correct report of operations and production (including drilling and producing wells) for

APRIL, 1972

Agent's address P.O. Box 1798 Company SUN OIL COMPANY

Denver, Colorado 80201 Signed [Signature]

Phone 266-2181 Agent's title Dist. Engr.

State Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec. 13	3S	3W	1	Tstg					12500' TD 10776' PBTD Bkr FA Pkr @ 9750' Pfs 9815-9909 2-1/2" tbg @ 9750' 1-1/2" IJ tbg @ 4960  Request report be considered confidential until release of well logs.

Note: There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
 SI-Shut In D-Dead  
 GI-Gas Injection TA-Temp. Aban.  
 WI-Water Injection



NORTH AMERICAN EXPLORATION AND PRODUCTION GROUP  
Denver Production District

**SUN OIL COMPANY** 800 SECURITY LIFE BUILDING, P.O. BOX 1798, DENVER, COLORADO 80201 (303) 266-2181

November 8, 1972

**NORTHERN UINTA BASIN DRILLING AND  
PRODUCTION PRACTICES SUBCOMMITTEE (List Attached)**

Re: Data Exchange  
Northern Uinta Basin  
Drilling and Production Practices Committee

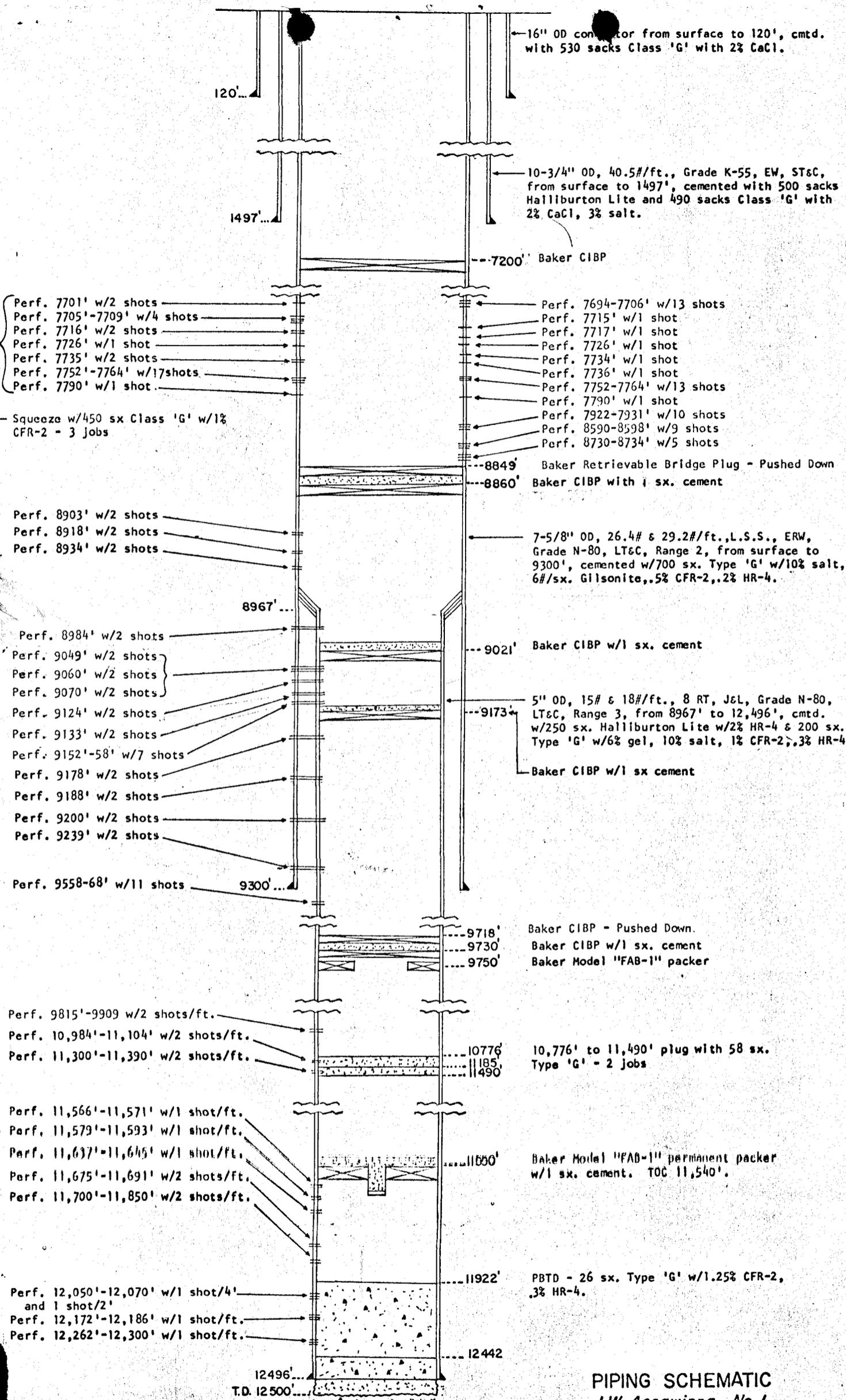
Gentlemen:

The attached completion history for Sun's temporarily abandoned J. W. Accawinna No. 1, Section 13-T3S-R3W, represents the data to be exchanged as agreed upon by the committee.

*Franklin A. Hamisch*  
Franklin A. Hamisch  
Production Engineer

FAH/po  
Attachments





16" OD conductor from surface to 120', cmtd. with 530 sacks Class 'G' with 2% CaCl.

10-3/4" OD, 40.5#/ft., Grade K-55, EW, ST&C, from surface to 1497', cemented with 500 sacks Halliburton Lite and 490 sacks Class 'G' with 2% CaCl, 3% salt.

---7200' Baker CIBP

Perf. 7701' w/2 shots  
 Perf. 7705'-7709' w/4 shots  
 Perf. 7716' w/2 shots  
 Perf. 7726' w/1 shot  
 Perf. 7735' w/2 shots  
 Perf. 7752'-7764' w/17shots  
 Perf. 7790' w/1 shot.

Perf. 7694-7706' w/13 shots  
 Perf. 7715' w/1 shot  
 Perf. 7717' w/1 shot  
 Perf. 7726' w/1 shot  
 Perf. 7734' w/1 shot  
 Perf. 7736' w/1 shot  
 Perf. 7752-7764' w/13 shots  
 Perf. 7790' w/1 shot  
 Perf. 7922-7931' w/10 shots  
 Perf. 8590-8598' w/9 shots  
 Perf. 8730-8734' w/5 shots

Squeeze w/450 sx Class 'G' w/1% CFR-2 - 3 jobs

---8849' Baker Retrievable Bridge Plug - Pushed Down  
 ---8860' Baker CIBP with 1 sx. cement

Perf. 8903' w/2 shots  
 Perf. 8918' w/2 shots  
 Perf. 8934' w/2 shots

7-5/8" OD, 26.4# & 29.2#/ft., L.S.S., ERW, Grade N-80, LT&C, Range 2, from surface to 9300', cemented w/700 sx. Type 'G' w/10% salt, 6#/sx. Gilsonite, .5% CFR-2, .2% HR-4.

8967' ...

---9021' Baker CIBP w/1 sx. cement

Perf. 8984' w/2 shots  
 Perf. 9049' w/2 shots  
 Perf. 9060' w/2 shots  
 Perf. 9070' w/2 shots  
 Perf. 9124' w/2 shots  
 Perf. 9133' w/2 shots  
 Perf. 9152'-58' w/7 shots  
 Perf. 9178' w/2 shots  
 Perf. 9188' w/2 shots  
 Perf. 9200' w/2 shots  
 Perf. 9239' w/2 shots

5" OD, 15# & 18#/ft., 8 RT, J&L, Grade N-80, LT&C, Range 3, from 8967' to 12,496', cmtd. w/250 sx. Halliburton Lite w/2% HR-4 & 200 sx. Type 'G' w/6% gel, 10% salt, 1% CFR-2, 3% HR-4

Baker CIBP w/1 sx cement

Perf. 9558-68' w/11 shots

9300' ...

9718' Baker CIBP - Pushed Down.  
 9730' Baker CIBP w/1 sx. cement  
 9750' Baker Model "FAB-1" packer

Perf. 9815'-9909 w/2 shots/ft.  
 Perf. 10,984'-11,104' w/2 shots/ft.  
 Perf. 11,300'-11,390' w/2 shots/ft.

10,776' to 11,490' plug with 58 sx. Type 'G' - 2 jobs

Perf. 11,566'-11,571' w/1 shot/ft.  
 Perf. 11,579'-11,593' w/1 shot/ft.  
 Perf. 11,637'-11,645' w/1 shot/ft.  
 Perf. 11,675'-11,691' w/2 shots/ft.  
 Perf. 11,700'-11,850' w/2 shots/ft.

11550' Baker Model "FAB-1" permanent packer w/1 sx. cement. TOC 11,540'.

Perf. 12,050'-12,070' w/1 shot/4' and 1 shot/2'  
 Perf. 12,172'-12,186' w/1 shot/ft.  
 Perf. 12,262'-12,300' w/1 shot/ft.

11922' PBTD - 26 sx. Type 'G' w/1.25% CFR-2, 3% HR-4.

12496' T.D. 12500'

12442'

PIPING SCHEMATIC  
 J.W. Accawinna No. 1  
 NE SW/4 Sec.13, T.3S., R.3W.  
 Duchesne County, Utah  
 F.A. Hamisch — 6-16-72  
 Rev. — 9-20-72

Mailing List  
Completion and Producing Practices Subcommittee

Brinkerhoff Drilling Company  
600 Denver Club Building  
Denver, Colorado 80202  
Attention: Mr. Paul E. Robertson

Phillips Petroleum Co.  
1300 Security Life Building  
Denver, Colorado 80202  
Attention: Mr. W. C. Rigg

Gulf Oil Co. - U.S.  
600 Oklahoma Mortgage Building  
Oklahoma City, Oklahoma 73102  
Attention: Mr. B. L. Choate

Chevron Oil Company  
1700 Broadway  
Denver, Colorado 80202  
Attention: Mr. J. T. Williams

Mountain Fuel Supply Co.  
P. O. Box 1129  
Rock Springs, Wyoming 82901  
Attention: Mr. Richard C. Bates

Sun Oil Company  
P. O. Box 1798  
Denver, Colorado 80201  
Attention: Mr. J. D. Fish

Gas Producing Enterprises, Inc.  
P. O. Box 628  
Vernal, Utah 84078  
Attention: Mr. George Nevers

Shell Oil Company  
1700 Broadway  
Denver, Colorado 80202  
Attention: Mr. J. P. Parrish

Gulf Oil Company  
P. O. Box 2619  
Casper, Wyoming 82601  
Attention: Mr. J. D. Richards

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

--SUBMIT IN REVERSE SIDE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-11-62-2186

6. IF INDIAN ALLOTTEE OR TRIBE NAME  
J.W. Accawinna

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
J.W. Accawinna

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., OR BLK. AND SURVEY OR AREA  
Sec. 13 36 3W

12. COUNTY OR PARISH 13. STATE  
Duchesne 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  Well Temporarily Abandoned

2. NAME OF OPERATOR  
Sun Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 1798, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1587' EWL, 1986' NSL Sec. 13 (NE SW)

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5208' Ground

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORTING

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

REPAIRING WELL   
ENTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recombination Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and 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.)\*

CIBP set at 7200'  
Well temporarily abandoned 8-30-72 pending further geological evaluation

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

SIGNED [Signature] TITLE Dist. Engr.

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

DATE 8-30-72

DATE \_\_\_\_\_

TESTING

- 5-3-72 PBSD 10776, Baker 'FA' pkr @ 9750, pfs op 9875-9909; 9815-9845  
2 shots/ft, tbg pres 2200 psi, flowed 5 B0, no wtr., 1" choke, TP 2200/0  
in 5 min, SI 3 hr, TP 0/1500. Flowed 5 B0, no wtr., 1" choke, TP 1500/0  
in 5 min. SI 2 hr, TP 0/1200 - bled to zero. Swabbed 76 BW in 3-1/2 hr,  
last 2 runs 30% oil and very gassy, op on 1/4" choke, strong gas blow  
did not flow
- 5-4-72 PBSD 10776, Baker 'FA' pkr @ 9750, pfs op 9815-9909, 2-1/2" tbg @ 9750,  
1-1/2" IJ tbg @ 4960. At 7 a.m., FL 3800', swbd 33 B0 and 33 BLW, FL  
9750 in 10 hr, avg 3 BPH w/50% load water at end of test. Left op on  
1/4" chk w/strong gas blow, prep to frac
- 5-5-72 Checked FL @ 2500' @ 7a.m., swbd 5 B0 and 35 BW in 5 hr, FL 9750, frac  
this p.m.
- 5-6-72 Flowed well on variable choke, finally to 1" after 3 hrs, rec. total of  
485 BL and acid wtr w/tr of oil in 24 hr, TP 4800# to zero; lack 343 BLW
- 5-7-72 Op well on 2" choke, swbd 132 BLW w/tr oil, FL 0/9750' in 10 hr, lack  
111 BLW
- 5-17-72 PBSD 9110, pfs 8903-9070, well op on 1/4" choke, TP 3400#, in 1 hr flowed  
est 35 B0 & tr load wtr, TP 1250#, in 2 hr 10 B0, 10 BLW, TP 700#, SI  
well to circ hot water, SI 5-3/4 hr, op well to trtr on 1/4" chk @ 4 p.m.  
TP 2900#, filled treater in 2 hr (est 50 B0), flowed 12 hr to test tank,  
rec 150 B0 and 20 BLW, now on 2 1/4" choke, TP 100#, making 8.3 BPH & 3/4  
BLW/H
- 5-18-72 Flowed 108 B0, 15 BLW, 3/4" choke, TP 20/50#, GOR 158/1 - 24 hrs, prep to  
frac.
- 5-24-72 SI 12 hr, TP 1000#, bled to zero in 30 min, rec 15 BLW, swbd 21 BLW and  
and 21 B0 in 1-1/2 hr, FL 0/6000, very gassy - frac this p.m.
- 5-25-72 At 7 a.m., TP 3650#, flowed est 110 BLW on 1 1/4" choke, TP 3650/300# in  
3 hrs, turned to heater-treater and filled oil section, flowed 17 B/H,  
10% oil, flowed 77 B0 and 99 BLW on 1 1/4" choke, TP 160# in 18 hr,  
GOR 920/1, gravity 48° @ 109° (lack 408 BLW & FW)
- 5-26-72 Flowed on 1" choke, 6.5 B0, 6 BLW, TP 25# in 1 hr, swbd 9 B0, 9 BLW in  
3-1/2 hr, FL 0/3000, very gassy, flowed 48 B0, 25 BLW on 2 1/4" choke,  
TP 25# in 15 hrs @ 6 a.m. (lack 383 BLW)
- 5-27-72 Flowed 110 B0, 37 BLW, 1 1/4" choke, TP 110#, GOR 724/1, 24 hrs
- 5-28-72 Flowed 70 B0, 27 BLW, 1 1/4" choke, TP 40/120#, GOR 933/1, 24 hrs
- 5-29-72 Flowed 72 B0, 18 BLW, 1 1/4" choke, TP 30/120, GOR 903/1, 24 hrs
- 5-30-72 Flowed 72 B0, 16 BLW, 1 1/4" choke, TP 40/100, GOR 907/1, 24 hrs
- 
- 6-6-72 PBSD 7900, pfs op 7700-7790, SI 13 hr @ 7 a.m., TP 1000#, op on var  
chokes frm 1 1/4" to 2 1/4", TP 900/1300#, prod test 60 BLW, started  
producing oil and gas @ 10 a.m., flowed 598 B0, 65 BLW on 2 1/4" choke.  
TP 900/475, Gravity 40° corrected, GOR 657/1, 20 hr

## STIMULATION

- 4-4-72 PBDT 12442, perforations open 12070-12050, broke down formation with KCL water, BDP 6300#, pumped in total of 5 BW @ 1-1/2 BPM, FP 6200#, ISIP 5700#, 5 min. SI 5600#, prep. to acidize.
- 4-5-72 PBDT 12442, pfs. open 12070-12050, acidize in 5 stages w/3000 gals. 15% HCL + 2000 gals mud acid with 1 ball between stages, BDP 7500#, Maximum pressure 7500#, min. press. 6900#, avg. press. 7000# @ 6 BPM, ISIP 5500#, 15 min. SIP 5400#, no ball action.
- 4-12-72 PBDT 11922, pfs. open 11850-11760, acidize w/3000 gals 15% HCL and 2000 gals mud acid, BDP 5900#, max. press. 7400#, avg. press. 7100# @ 7 BPM, final press. 7400#, ISIP 5400#, 15 min. SIP 5300#
- 4-18-72 PBDT 11540, pfs. open 11390-11300, acidize w/3000 gals. 15% HCL + 2000 gals. mud acid, BDP 7000#, max. press. 7000#, avg. 6800# @ 11.2 BPM,
- 4-25-72 PBDT 11183, pfs op 11104-10984, acidized w/3000 gals 15% HCL + 2000 gals mud acid, BDP 6400#, max. pres. 7300#, avg 7200# @ 8 BPM, ISIP 5400#, 15 min SIP 5250#
- 5-5-72 PBDT 10776, pfs op 9909-9815, acidize w/10,000 gals 15% HCL and 75 ball sealers, BDP 8100#, max. pres. 8100#, avg pres 7600# @ 12.5 BPM, ISIP 5000#, fair ball action, cleaned balls
- Frac'd w/24,800 gals. gelled water + 5000# 20/40 sand, 6000# 20/40 beads in 2 stages w/40 ball sealers/no ball action, BDP 8600#, avg. press 7800# @ 13.5 BPM, ISIP 5000#, 15 min SIP 5000#
- 5-12-72 PBDT 9719, pfs op 9239-9124, p 3 bbl KCL wtr into form., BDP 5200#, p in @ 7600# @ 1-1/2 BPM, ISIP 4800#, acidized w/5000 gals 15% HCL & 12 ball sealers, BDP 5000#, avg press 7000# @ 7.6 BPM - 2 BPM @ 7600# to 7 BPM @ 6700# when acid hit form. Final press 6800#, ISIP 4600#, 15 min SIP 4500#, good ball action
- 5-16-72 PBDT 9110, pfs op 9070-8903, acidized w/5000 gals 15% HCL with 14 ball sealers spaced in final 2400 gal, BDP 6300#, max. pres 7800#, avg press 6500# @ 7 BPM, final press 6500#, ISIP 4200#, 15 min SIP 3800#, excellent ball action
- 5-20-72 PBDT 9110, pfs op 9070-8903, start frac, pkr failed after 2840 gals of pad in (14 BPM @ 7200#), tbg & csg equalized @ 4050#.
- 5-24-72 PBDT 9110, pfs op 9070-8903, frac w/25,000 gals gelled wtr w/5000# 20/40 sd & 6000# 20/40 beads in 2 stages w/7 ball sealers between stages, BDP 7000#, max press 7400#, avg inj pres 7050 @ 12.5 BPM. Final pres 7100#, ISIP 4400#, 15 min SIP 4200#, excellent ball action

- 6-5-72 PBDT 7900, pfs op 7790-7700, circ hole thru NOWSCO 3/4" tbg w/51 bbls 15% HCL/pulld 3/4" tbg, acidize w/5000 gals HCL, BDP 5000#, trt press 6500# @ 13 BPM, final press 6500#, ISIP 2800#, 15 min SIP 1800#, used 17 ball sealers spaced in last 2800 gals, good ball action
- 6-17-72 PBDT 7900, rig up HOWCO to sqz off pfs 7700-7790, broke dn form w/2200# @ 3/4 BPM, used 150 sx CI 'G' cmt w/1% CFR-2, max press 2600#, staged 6 times in final 6 bbl, could not get sqz, cleared pfs w/5 bbl wtr, final press 2600# @ 3 BPM, ISIP 600#
- 6-18-72 PBDT 7900, sqz #2, BDP 2800# @ 3 BPM, used 150 sx CI 'G' w/1% CFR-2 sqz w/3000#
- 6-22-72 PBDT 7892, pfs op 7752-64, acidize w/3000 gals 15% HCL (15 gal AS5, 15 gals 5N, 100# WG-7, 8 gals NAI 50) w/15 ball sealers, BDP 5200# trt press 7400/4000 @ 7 BPM, ISIP 3000#
- 6-23-72 PBDT 7892, pfs op 7752-64, sqz w/150 sx CI 'G' + 1% CFR-2, pmp in @ 2100#, staged last 4 bbl with max press 3000#
- 6-25-72 PBDT 7892, sqz #2, 150 sx CI 'G' with 1% CFR-2, final press 3500#
- 6-28-72 PBDT 7892, pfs op 7752-64 (13 holes), acidize w/3000 gals 15% HCL (15 gals AS5, 15 gals 5N, 9 gals HAI50, 150# WG7), w/15 ball sealers, BDP 4700#, max pres 6800#, avg 4800 @ 14.5 BPM, final press 6800#, ISIP 3400#, 15 min SIP 2700#
- 7-1-72 PBDT 7740, pfs op 7706-7694 (13 holes), acidize with 3000 gals 15% HCL with 15 ball sealers, BDP 5200#, trt press 7500/5000 @ 13 BPM, final press 7000#, ISIP 3100#, 15 min SIP 2350#
- 7-6-72 PBDT 7892, pfs op 7764-7752, 7706-7694 (26 holes), RBP @ 7800, frac dn 2-7/8" tbg w/7000 gals gelled wtr, 1500# 20/40 sand, 2000# 20/40 beads, screened out, BDP 6600# @ 11 BPM, avg press 6500# @ 14 BPM screened out w/2000# 20/40 beads in formation, ISIP 2900#, 4 min SIP 2800#
- 7-10-72 PBDT 7892, pfs op 7764-7752, 7706-7694 (26 holes), RBP @ 7800, rn Model 'R' pkr at 7740, trt pfs 7764-7752 w/500 gals 15% HCL and 20,000 gals My-T-Frac w/10620# 20/40 sd and 2640# 20-40 beads, BDP 3400# @ 5 BPM, avg trt press 6800# @ 11 BPM, final press 6900#, ISIP 3600#, 15 min SIP 3050
- 7-11-72 PBDT 7892, pfs op 7706-7694, RBP @ 7743, trt pfs w/500 gals 15% HCL and 22,900 gals My-T-Frac w/12,400# 20/40 sd, 2700# 20/40 beads, BDP 6000# @ 10 BPM, avg trt press 6400# @ 11 BPM, final press 6800#, ISIP 3500#, 15 min SIP 3100#

6-7-72 Flowed 220 B0, 40 BLW, 23/64" choke, TP 475/500, gravity 40° corr., GOR 710/1, 8 hrs

6-10-72 Rn Sperry-Sun press instrument to 7550', SI 75 hr @ 5 p.m., 6-9-72, TP 1850, op on 21/64" chk, flowed 42 B0 & 4 BLW, TP 1850/zero, 6 hrs, SI well @ 11 p.m., will not produce as expected, pulld press instrument & checked - oper OK and rn back in, op well @ midnight TP 550, flowed 13 B0, 24 BW, 21/64" choke, TP 550/0, 6 hrs

6-11-72 Flowed 18 B0, 31 BW, 21/64" choke, TP 30/50# in 12 hrs, pulld press. instrument, swbd 14 B0, 34 BW, FL 3000' in 3 hr, flowed 4 B0 & 12 BW on 14/64" choke, TP 30/50 in 9 hrs, wtr analysis shows well now prod. wtr

6-12-72 Flowed 3 B0, 8 BW, 14/64" choke, TP 30/50, 2 hrs, swbd 80 B0, 118 BW, FL 2500/4000 in 11 hrs, flowed 8 B0 & 8 BW on 25/64" choke, TP 30/50 in 11 hrs.

6-13-72 Flowed 5 B0, no water, 25/64" choke, TP 30/50 in 2 hrs, swbd 25 B0, 45 BW, FL 3000' in 4 hrs, will set pkr between 7736-7758 and test bottom 5 holes

6-16-72 PBSD 7900, pfs op 7790 (1 hole) 7758-62 (4 holes), pkr @ 7747, swbd 47 BLW and 80 BW w/tr of oil, no gas

-----

6-29-72 PBSD 7892, pfs op 7752-64 (13 holes), swbd 71 B0, 16 BLW in 11 hrs, FL 300/6000, swb 5 BOPH w/tr wtr at end of day

-----

7-2-72 PBSD 7740, pfs op 7694-7706 (13 holes), swb 22 B0, 7 BW, FL 0/6800' in 8 hrs

-----

7-12-72 PBSD 7740, pfs op 7694-7706, 7752-7764, swb 87 BLW, 28 B0, FL 0/6200' in 10 hrs

7-14-72 Swb 15 B0, 27 BLW, FL 300/7000' in 2 hr, 12 B0, 28 BLW, FL 7000' in 9 hr

7-15-72 Swb 18 B0, 10 BLW, FL 7300' in 9 hrs

7-18-72 Swb 28 B0 & 18 BLW, FL 0/6600' in 8-1/2 hrs

-----

7-21-72 PBSD 7887, pfs op 7694-7706, 7715-17, 7726, 7752-64, 7790 (32 holes) Swb 22 B0 & 27 bbls acid wtr to tank, FL 0/2200 in 2 hrs

7-22-72 SI 12 hrs, TP 500#, Flowed 3-1/2 B0, 11 BLW on varied chokes, TP 500/25 in 3 hrs, swb 50 B0, 106 BLW and acid wtr, FL 0/2000' in 8 hrs

- 7-21-72 PBTB 7887, pfs op 7790, 7764-52, 7726, 7717-7715, 7706-7694 (32 holes) acidized pfs w/7500 gals 15% HCL, 5 gals 5N/1000, 5 gals AS5/1000, 40# WG7/1000, 6 gals HAI50/1000 w/750 gals KCL pad, BDP 6800/5200, displaced @14 BPM, trt press 6500#, final press 6800#, used 30 ball sealers w/no action, ISIP 3800#, 15 min SIP 2700#
- 8-12-72 PBTB 9730, pfs op 9568-9558 (11 holes), drilled and pushed CIBP to 9718, spotted 2000 gals 15% HCL, set Baker 5' retrievomatic pkr @ 9500, displaced acid + 12 ball sealers, BDP 5400# @ 3 BPM, max treat press 7600#, avg treat press 7300# @ 7 BPM, ISIP 4900#, 15 min SI press 4550#
- 8-18-72 PBTB 9173, pfs op 9152-58 (7 holes), Baker retr packer @ 9143. Acidize pfs w/2000 gals 15% HCL, BDP 7000#, treating press 7500# @ 9 BPM, ISIP 4400#, 10 min SIP 3200#, communicated in annulus, annulus press 2400#-2100# during treatment
- 8-22-72 PBTB 8855, pfs open 8734-8730 (5 holes), set RBP @ 8750 & pkr @ 8687, acidize pfs w/2000 gals 15% HCL, BDP 7600#, trt press 7200# @ 9 BPM, ISIP 4600#, 15 min SIP 4400#
- 8-24-72 PBTB 8855, pfs op 8598-8590 (9 holes), set RBP @ 8625, pkr @ 8566, acidize w/2000 gals 15% HCL, BDP 6400#, max press 8000#, final press 6900# @ 11 BPM, ISIP 4600#, 15 min SIP 4500#
- 8-26-72 PBTB 8855, pfs op 7931-7922 (10 holes), RBP @ 7960, pkr @ 7870, acidize w/2000 gals 15% HCL, BDP 7000# @ 3 BPM, max press 7000# @ 12.5 BPM, final press 6800#, ISIP 3300#, 15 min SIP 3050#

7-23-72 SI 13 hrs, TP 850#, flowed 12 B0 & 4 BLW, varied chokes, TP 850/25  
in 2 hrs, swb 55 B0 and 65 BLW, FL 0/6600' in 8 hrs

7-24-72 SI 14 hrs, TP 750#, flowed 8 B0 & no wtr, 25/64" choke, TP 750/25,  
7 hrs, swb 50 B0 & 54 BLW, FL 0/6600' in 7 hrs

7-25-72 SI 14 hrs, TP 725#, flowed 21 B0 & 8 BLW on 25/64" choke, TP 725/50#

---

8-13-72 PBTD 9730, pfs op 9558-68 (11 holes), pkr @ 9500', swb fluid level  
frm 0/9400' in 5 hr, rec 61 BLW w/tr of oil, swb 4 hr @ 1 pull/hr and  
rec 18 B0 and 2 BLW, SI 7 hr, TP 230 psi, bled to zero in 2 min, FL 150'

8-14-72 Swb dry in 3-1/2 hr, 50 B0 and 5 BW, swb 8 hr and recovered 5 BPH,  
making 1 run/hr, 90% oil, 10% wtr (lack 40 BLW)

8-15-72 SI 12 hr, TP 425 psi, swb 46 B0, 3 BW, FL 800/9400 in 2-1/2 hr, continue  
to swb, 23 B0 & 2 BW, FL 9400' in 5 hrs