

**FILE NOTATIONS**

Entered in MID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

*P.W.B.*  
*9-13-71*

**COMPLETION DATA:**

Date Well Completed .....  
W..... WW..... TA.....  
GW..... OS..... PA.....

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

**LOGS FILED**

Driller's Log.....  
Electric Logs (No.) .....  
I..... I..... Dual I Lat..... GR-N..... Micro.....  
Sonic GR..... Lat..... Mi-L..... Sonic.....  
SLog..... CCLog..... Others.....

G. E. KADANE & SONS

PETROLEUM PRODUCERS

DRAWER 1740, WICHITA FALLS, TEXAS 76307

EDW. G. KADANE  
JACK E. KADANE  
MIKE KADANE

BRANCH OFFICES:  
DALLAS, TEXAS  
NEWPORT BEACH, CALIFORNIA

September 8, 1971

Utah Oil & Gas Conservation Commission  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: No. 1 Rustler Dome-U.S.A.  
San Juan County, Utah

Gentlemen:

Enclosed please find our Application for the  
Drilling of the subject well.

Would you please send us information concerning  
drilling and plugging bonds, as we do not have this  
information in our files. We will comply with your  
request as soon as the information is received.

Yours very truly,

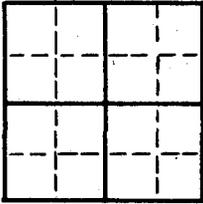
G. E. KADANE & SONS



William J. Mannas  
Chief Engineer

WJM:slp

Enclosure



STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
SALT LAKE CITY, UTAH

Fee and Patented.....  
State.....  
Lease No. ....  
Public Domain.....  
Lease No. ....  
Indian.....  
Lease No. ....

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 2, 19 71

Well No. 1 is located 330 ft. from  N line and 330 ft. from  W line of Sec. 15

NW Sec. 15 T-29-S R-20-E  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4594 feet.

A drilling and plugging bond has been filed with .....

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Prognosis of depths  
Hermosa - 950'  
T/Salt - 2300'  
B/Salt - 3300'  
Mississippian - 3600'

Pipe program  
Surf. - New 10 3/4" to + 500'  
Protection - New 7 5/8" to + 3000'  
Oil Sting - New 4 1/2" to + 4500'

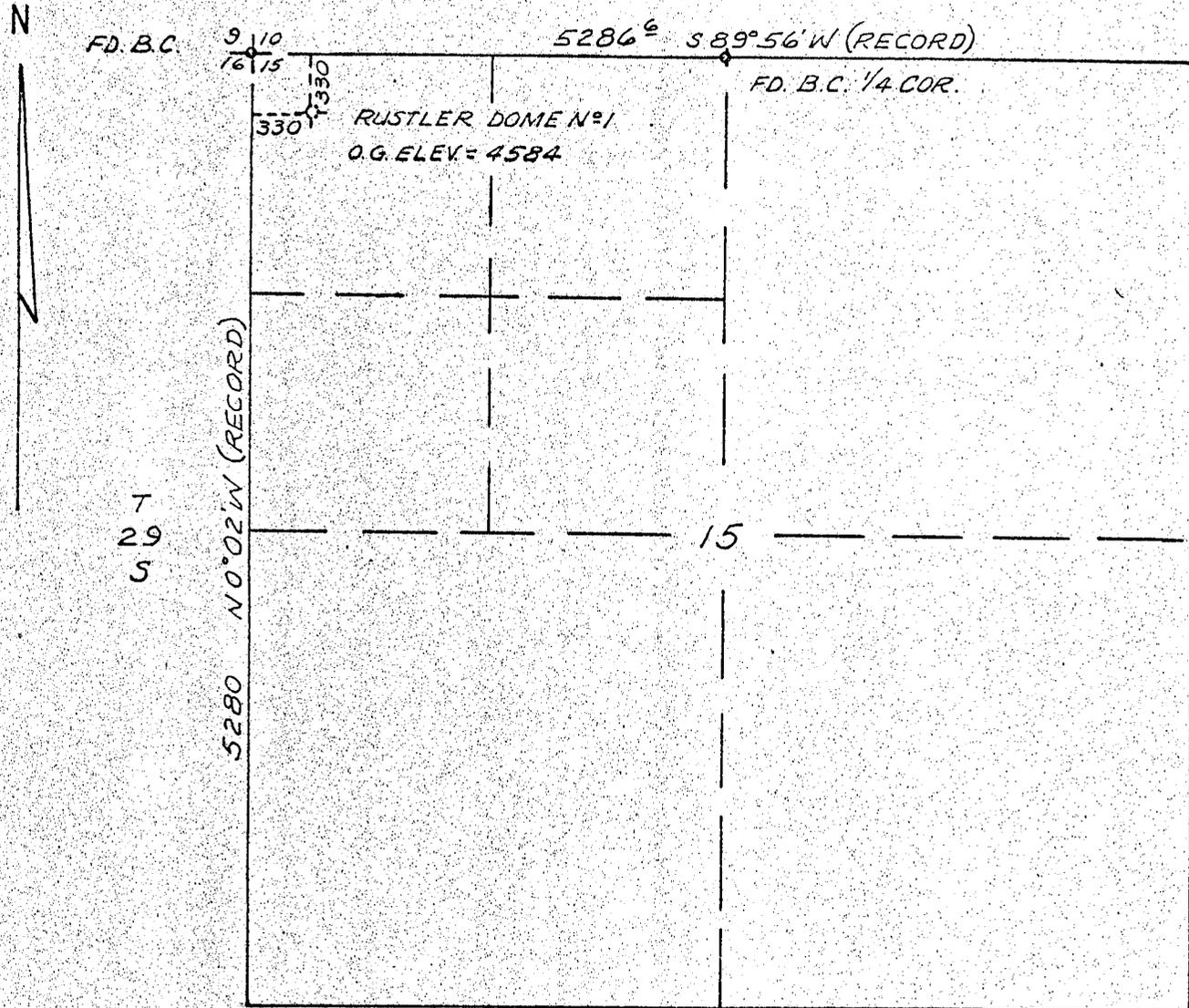
*Federal Land*  
*Unathold*  
*Request BOP information*  
*NWNWNW*  
*43-037-30063*

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company G. E. Kadane & Sons  
Address P. O. Drawer 1740  
Wichita Falls, Texas  
By Bill Mannas  
Title Chief Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

WELL LOCATION PLAT



R20E

170' E  
170' S

*John E. Keogh*  
UTAH REG'D. LAND SURVEYOR N° 1963

RUSTLER DOME N°1 WELL LOCATION  
IN NW 1/4, NW 1/4, SECTION 15,  
T29S, R20E, S.L.B. & M.  
SAN JUAN COUNTY, UTAH  
SCALE: 1"=1000' AUG. 27, 1971  
STADIA SURVEY  
FOR: G.E. KADANE & SONS

ELEV. FROM U.S.G.S. T.D.P.D. QUAD. HATCH POINT, UTAH 1954  
(N 1/4 COR., SEC. 15 = 4634, SCALED)

September 13, 1971

G.E. Kadane & Sons  
Drawer 1740  
Wichita Falls, Texas

Re: Well No. Rustler Dome #1  
Sec. 15, T. 29 S, R. 20 E,  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, said approval is conditional upon the following:

1. Submitting written notification to this Division As to the type of blowout prevention equipment to be used on this test.
2. As this location is unorthodox under this Division's General Rules and Regulations; it will be necessary for you to advise this office as to why the location could not be moved 170' further to the South and 170' further to the East. If said location is due to topography, it is requested that you submit a letter requesting a topographical and/or geological exception under Rule C-3(c).

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, Salt Lake City  
OFFICE: 328-5771 (801)

This approval terminates within 90 days if the above 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.

The API number assigned to this well is 43-037-30063.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd

cc: U.S. Geological Survey  
Attn: Jerry Long  
Box 1809  
Durango, Colorado

G. E. KADANE & SONS

PETROLEUM PRODUCERS

DRAWER 1740, WICHITA FALLS, TEXAS 76307

EDW. G. KADANE  
JACK E. KADANE  
MIKE KADANE

BRANCH OFFICES:  
DALLAS, TEXAS  
NEWPORT BEACH, CALIFORNIA

September 14, 1971

~~Mr. Jerry Long  
U.S.G.S.  
P. O. Box 1809  
Durango, Colorado 81301~~

RE: U. S. Utah 2693  
Bond of Oil and Gas Lessee  
San Juan County, Utah

Dear Mr. Long:

In accordance with our telephone conversation this morning, we are enclosing original executed bond in the amount of \$10,000 covering our proposed drilling operations on BLM Oil and Gas Lease U-2693, San Juan County, Utah. You will note that this bond has been executed by all of the partners of this firm as Principal, and on behalf of National Surety Corporation as Surety; and, attached is a copy of the Power of Attorney of the executing Agent.

A copy of this letter, together with a complete copy of the bond is being forwarded direct by Airmail to Mr. Cleon B. Feight on behalf of the State of Utah along with a cover letter requesting his waiver of bonding requirements. We will appreciate if you will confirm to Mr. Feight that you have received the original copy of this bond if he inquires. After the bond has been approved by you, please forward it to the BLM.

Yours very truly,

G. E. KADANE & SONS



F. E. Robertson  
Manager of Lands

FER-DHW

Enclosure

cc: Mr. Cleon B. Feight

G. E. KADANE & SONS

PETROLEUM PRODUCERS

DRAWER 1740, WICHITA FALLS, TEXAS 76307

EDW. G. KADANE  
JACK E. KADANE  
MIKE KADANE

BRANCH OFFICES:  
DALLAS, TEXAS  
NEWPORT BEACH, CALIFORNIA

September 14, 1971

Mr. Cleon B. Feight  
Oil & Gas Conservation Commission  
State of Utah  
1588 West Temple, N.  
Salt Lake City, Utah 84116

RE: U. S. Utah 2693  
Bond of Oil and Gas Lessee  
San Juan County, Utah

Dear Mr. Feight:

Enclosed is copy of our letter addressed to Mr. Jerry Long, U.S.G.S., Durango, Colorado, together with a xerox copy of the bond that we have filed in connection with drilling operations on U. S. Utah 2693, BLM. We respectfully request that you confirm with Mr. Long the receipt of the appropriate bond and filing with U.S.G.S., waive your requirement for a State bond and approve our application for the drilling of the well as filed.

If you have any requirements or questions, please contact the writer by telephone at Code 817 + 723-7391.

Yours very truly,

G. E. KADANE & SONS



F. E. Robertson  
Manager of Lands

FER-DHW

Enclosures

FILE IN DUPLICATE

DIVISION OF OIL & GAS CONSERVATION  
OF THE STATE OF UTAH

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Division of Oil and Gas Conservation of the State of Utah, hereby appoint, Robert G. Pruitt, Jr., whose address is 900 El Paso Natural Gas Bldg., Salt Lake City, Utah 84111 (his, her or its) designated agent to accept and to be served with notices from said Board, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

Effective Date of Designation September 15, 1971

Company G. E. Kadane & Sons Address P. O. Drawer 1740  
Wichita Falls, Texas 76307

By *G. E. Kadane* Title General Partner  
(Signature)

NOTE: Agent must be a resident of Utah.

4

G. E. KADANE & SONS

PETROLEUM PRODUCERS

DRAWER 1740, WICHITA FALLS, TEXAS 76307

EDW. G. KADANE  
JACK E. KADANE  
MIKE KADANE

BRANCH OFFICES:  
DALLAS, TEXAS  
NEWPORT BEACH, CALIFORNIA

September 16, 1971

Oil & Gas Conservation Commission  
State of Utah  
1588 West Temple, N.  
Salt Lake City, Utah 84116

Gentlemen:

Enclosed are two executed copies of our Designation of  
Agent form.

Yours very truly,

G. E. KADANE & SONS

*William J. Mannas*

William J. Mannas

WJM:nr

G. E. KADANE & SONS

PETROLEUM PRODUCERS

DRAWER 1740, WICHITA FALLS, TEXAS 76307

EDW. G. KADANE  
JACK E. KADANE  
MIKE KADANE

BRANCH OFFICES:  
DALLAS, TEXAS  
NEWPORT BEACH, CALIFORNIA

September 17, 1971

Mr. Willard Pease  
P. O. Box 548  
Grand Junction, Colorado 81501

Dear Mr. Pease:

Enclosed is a xeroxed copy of a letter dated September 13, 1971, from the Division of Oil & Gas, State of Utah, requesting that you submit to them a written description of the blowout equipment to be used in the drilling of our Rustler Dome Well No. 1 in San Juan County, Utah. You are requested to promptly submit this information to the attention of Mr. Cleon B. Feight and direct a copy of your letter to this firm.

Very truly yours,

G. E. KADANE & SONS



Forrest E. Robertson

FER:mj

CC : Mr. Cleon B. Feight ✓

Enclosure

**G. E. KADANE & SONS**

PETROLEUM PRODUCERS

DRAWER 1740, WICHITA FALLS, TEXAS 76307

September 17, 1971

EDW. G. KADANE  
JACK E. KADANE  
MIKE KADANE

BRANCH OFFICES:  
DALLAS, TEXAS  
NEWPORT BEACH, CALIFORNIA

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

Attention: Mr. Cleon B. Feight

Gentlemen:

We have received your letter dated September 13, 1971, regarding the permit of the drilling of our Rustler Dome Well No. 1 in San Juan County, Utah.

Enclosed is a copy of our letter to Mr. Willard Pease requesting that he furnish you a detailed list of the blowout prevention equipment to be used during the drilling operation.

We respectfully request an exception under Rule C-3 (c) for the approval of our location as filed. The basis for our request is because of the topography as the staked location permits drilling operations without hazards and exceptional costs. In addition to the exception for topographical reasons this firm is the owner of all the oil and gas leases within 660' of the proposed location.

We trust that the enclosed statements will fulfill your requirements for approval but if you have any questions please do not hesitate to contact the writer by telephone, No. 817-723-7391.

Very truly yours,

G. E. KADANE & SONS



Forrest E. Robertson

FER:mj  
CC : Mr. Willard Pease

Enclosure

WILFORD PEASE DRILLING CO.

P. O. BOX 548 • 2457 INDUSTRIAL BOULEVARD • GRAND JUNCTION, COLORADO 81501  
PHONE 242-6912

MESSAGE

REPLY

TO

Mr. Cleon B. Feight Director  
Division of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

DATE

9/20/71

DATE

Re: G. E. Kadane & Sons  
Well No. Rustler Some #1  
Sec. 15, T. 29 S. R. 20 E,

The type of blowout prevention  
equipment will be.

Shaffer double hydraulic  
with rotating head

BY

M. Jorgenson

SIGNED

Form N-R73 © The Drawing Board, Inc., Box 505, Dallas, Texas 75221

INSTRUCTIONS TO SENDER:

1. KEEP YELLOW COPY. 2. SEND WHITE AND PINK COPIES WITH CARBON INTACT.

INSTRUCTIONS TO RECEIVER:

1. WRITE REPLY. 2. DETACH STUB, KEEP PINK COPY, RETURN WHITE COPY TO SENDER.

✓

**G. E. KADANE & SONS**

PETROLEUM PRODUCERS

DRAWER 1740, WICHITA FALLS, TEXAS 76307

EDW. G. KADANE  
JACK E. KADANE  
MIKE KADANE

BRANCH OFFICES:  
DALLAS, TEXAS  
NEWPORT BEACH, CALIFORNIA

October 7, 1971

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

Gentlemen:

Enclosed is a copy of a report showing progress on our  
Rustler Dome No. 1 located in Sec. 15, T-29-S, R-20-E, for  
September. This report is submitted in accordance with your  
Rule C-22.

Yours very truly,

G. E. KADANE & SONS

*William J. Mannas*  
William J. Mannas

WJM:nr

KADANE

Rustler Dome No. 1

San Juan Co., Utah

Willard Pease Drilling Co.

- Friday  
9-24-71 Report: Cut 65' of 9 5/8". Reamed out approx. 30' and set 1 jt. 16" conduction pipe. Had 28' cemented.
- Saturday  
9-25-71 Report: 435' deep, cutting 9 7/8" hole. Drilling ahead. Deviation at 310' - 1/4°.
- Monday  
9-27-71 Report: Drilled 9 7/8" hole to 563'. Hole got damp at 555'. Reamed with 13 3/4" pilot reamer to 350'. Set 10 jts. (334') of New 10 3/4", 32.75#/ft., H-40, ST&C, Republic casing at 348' with 175 sacks of cement. Had good returns. Plug down at 4:45 PM on 9-26-71.
- Tuesday  
9-28-71 Report: 1063'. Drilling ahead. Made 500 feet in 16 hours. Dev. @ 760' - 3/4°, 1063' - 3/4°.
- Wednesday  
9-29-71 Report: 1452'. Drilling ahead.
- Thursday  
9-30-71 Report: 1767'. Going back in hole with Bit #4 (Reed YCG). Deviation at 1445' - 1°. Drilled 315' in 24 hrs.
- Friday  
10-1-71 Report: 1,977'. Drilling ahead. Made 210 feet in 24 hours.
- Saturday  
10-2-71 Report: 2380'. Drilling ahead. Made 403' in 24 hrs.
- Sunday  
10-3-71 Report: 2636'. Waiting on casing.
- Monday  
10-4-71 Report: 2636'. - Set 2639' of new 26.6#, 7 5/8" casing, cemented with 150 sxs. of Class A cement, 2% C.C. Plugged down @ 11:55 P.M., 10-3-71. Waiting on cement.
- Tuesday  
10-5-71 Report: 2669', on 6 3/4" hole. Drilling with air. Running 20-40M on bit. Air injection - 1500 cubic ft. per min. 25 BWPH, 1 gal. Soap. 150-250 lbs. air at rate of 2-3 min to the foot. Handling 200 bbls. water per hour.
- Wednesday  
10-6-71 Report: 3415'. Drilling in salt. Deviation - 1 3/4° - 3000' - 1/4° - 3415'.

WELL SITE DRILL STEM TEST REPORT

DATE: October 15, 1971

COMPANY: G. E. Kadane & Sons      WELL: #1 Rustler Dome  
LOCATION: 330 FNL/330    SEC: 15      TWP: 29S      RGE: 20E  
FWL  
COUNTY: San Juan      STATE: Utah

TESTED BY: Halliburton - K. Smith  
DST NO: #3      TD: 5013'  
INTERVAL TESTED FROM: 4968'      TO: 5013'  
PACKERS: 2 - 6"  
MUD WGT: 10.3      VIS: 44  
HOLE SIZE: 6 3/4"      DP: 3 1/2" IF      DC: 5" IF  
SURFACE CHOKE: 1/8"      BH CHOKE: 3/4"  
TYPE ANCHOR USED: 4 3/4" Howco perf.

		<u>TOP BOMB</u>	<u>BOT BOMB</u>	<u>BLOW:</u>
<u>INIT OPEN:</u>	15 mins. op w/wk	IHP 2688	2750	
	blow, inc to fair in 1 min., No GTS	IFP 44	88	
		FFP 479	528	
<u>INIT SHUTIN:</u>	hrs. 60 mins.	ISIP 1909	1967	
<u>FLOW PERIOD:</u>	hrs. 120 mins.	IFP 479	528	
	Op w/wk blow, inc to fair in 2", inc to good 18"(*), remained good to (**)	FFP 1564	1620	
<u>FIN SHUTIN:</u>	hrs. 90 mins.	FSIP 1996	2011	
		FHP 2645	2707	

BHT: 100°F

RECOVERY: 3480' Fluid  
(1426' SIMCSW, NS oil or gas)  
(2054' Blk SulW, NS oil or gas, sulfur odor)

PRESS:      CHOKE:      EST FLOW:

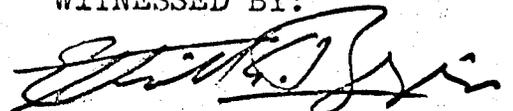
REMARKS: - tite spot in hole 73' off btm (top of Mississippian)  
\* blew 3" water out of top of 5 gal. bucket  
- part of lower pkr rubber left in hole

GAS/& FLUID SPLS:

3 fluid spls to Halliburton  
1 fluid spl to Schlumberger  
1 fluid spl to EPNG

(\*\*) end of period - NGTS

WITNESSED BY:



Elliott A. Riggs  
Petroleum Geologist  
Box 711  
Farmington, New Mexico

Penetration Dome  
Madame and Tom

Willard Peave

100 - 5013  
 = 8500  
 2500 - 4913  
 1500 - 2080  
 7500 - 1858  
 10000 - 1200  
 10000

4900 Drills/air  
 best thing  
 made in Hawaii

Mis 10 ST  
 4700 g med Mats

10/15/71

PMB

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-2693

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME

USA - Rustler Dome

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 15, T-29-S, R-20-E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER  Dry Hole

2. NAME OF OPERATOR  
G. E. Kadane & Sons

3. ADDRESS OF OPERATOR  
P. O. Box 1740, Wichita Falls, Texas 76307

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
330' F N L & 330' F W L, Sec. 15, T-29-S, R-20-E

14. PERMIT NO.  
API #43-037-30063

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
4603' D.F.

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

10-15-71 Contractor pulled 2500± 7-5/8" (intermediate string)

10-15-71 Plugs were set in accordance w/U.S.G.S. & State Agency instructions as follows:

Dry hole marker w/10 sx @ surf.	10 sx
1/2 in & out base surf. casing	25 sx
1258'	15 sx
2580-2680'	25 sx
4913-5013'	25 sx
	<u>100</u> sx reg. cmt.

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

SIGNED Wm J Mannas TITLE Eng DATE 11-22-71

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other P & A

2. NAME OF OPERATOR  
G. E. Kadane & Sons

3. ADDRESS OF OPERATOR  
P. O. Box 1740, Wichita Falls, Texas 76307

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 330' F N & W L Sec. 15, T-29-S, R-20-E  
 At top prod. interval reported below  
 At total depth API No. 43-037-30063

14. PERMIT NO. None Issued DATE ISSUED 9-17-71

5. LEASE DESIGNATION AND SERIAL NO.  
U-2693

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
USA - Rustler Dome

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 15, T-29-S, R-20-E

12. COUNTY OR PARISH  
San Juan

13. STATE  
UTAH

15. DATE SPUDDED 9-24-71 16. DATE T.D. REACHED 10-12-71 17. DATE COMPL. (Ready to prod.) 10-15-71 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4594' G.L.; 4603' D.F. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5013 21. PLUG, BACK T.D., MD & TVD None 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY Total ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
None 25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual-Induction Laterolog; Borehole Comp. Sonic-Gamma Ray 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"	65.00#	30'	17"	Circulated	None
10-3/4"	32.75#	348'	13-3/4"	175 sx	None
7-5/8"	26.6#	2639'	9-7/8"	150 sx	2500±

29. LINER RECORD 30. TUBING RECORD

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

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 \_\_\_\_\_ CHOKER 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 J. Mannas TITLE Eng DATE 11-22-71

\*(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.
DST information on attached sheet			

**38. GEOLOGIC MARKERS**

NAME	TOP		TRUE VERT. DEPTH
	MEAS. DEPTH	CORRECTED DEPTH	
Hermosa	876		
Ismay	2312		
Desert Creek	2408		
Top Salt	2625		
Base Salt	4654		
Molas	4910		
Mississippian	4943		
" Por.	5003		
T.D.	5013		(Schlum.)
"	5005		(Drir.)

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