

As of Apr. 1978, well to be on production
Confidential Status released: 9-21-78

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief *QWB*
Approval Letter *5-23-73*
Disapproval Letter

COMPLETION DATA:

Date Well Completed *12-20-73*

Location Inspected ..

OW..... WW..... TA.....

Bond released

54 GW... OS..... PA.....

State or Fee Land ...

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic CR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLeg..... Others.....

Effective April 29, 1974, Pacific Transmission
assumed operations from Cheney Oil Co.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Utah 0141694A
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIB: NAME
2. NAME OF OPERATOR CHORNEY OIL COMPANY		7. UNIT AGREEMENT NAME Beehive
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface NW SW (848' FWL & 2253' FSL) Sec. 24-T9S-R23E, SLM At proposed prod. zone		9. WELL NO. 1-C-24
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8.4 road miles west of Bonanza, Utah		10. FIELD AND POOL, OR WILDCAT Beehive Unit
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 1280	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T9S-R23E, SLM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 7800'	12. COUNTY OR PARISH 13. STATE Uintah Utah
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5201' Ungraded Grd.	20. ROTARY OR CABLE TOOLS Rotary	
23. PROPOSED CASING AND CEMENTING PROGRAM		22. APPROX. DATE WORK WILL START* June 1, 1973

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	32.3	500'	500+
7-7/8"	5-1/2	15.5 - 17#	7800'	500+
	or 4-1/2"	10.5 - 11.6#		

Operator proposes to drill a 7800' test into the Mesaverde formation. All significant oil and gas shows will be drill stem tested or otherwise evaluated using electric logs and/or geological data. If economic production is encountered, a properly designed string of 4-1/2" or 5-1/2" casing will be run and cemented.

Adequate doublegate and Hydril BOPE will be installed and in operation from under surface casing. The BOPE will be of the 900 series type, will be checked daily for mechanical operation, and will be pressure tested to a minimum of 1000 psig for 30 minutes prior to drilling out.

Operator will mud up from under surface casing and will maintain mud weight adequate to control all formation pressures.

LOCATION PLAT IS ATTACHED, along with Development Plan for Surface Use.

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 Sam T. Boltz, Jr. TITLE Vice President, Operations DATE May 17, 1973
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

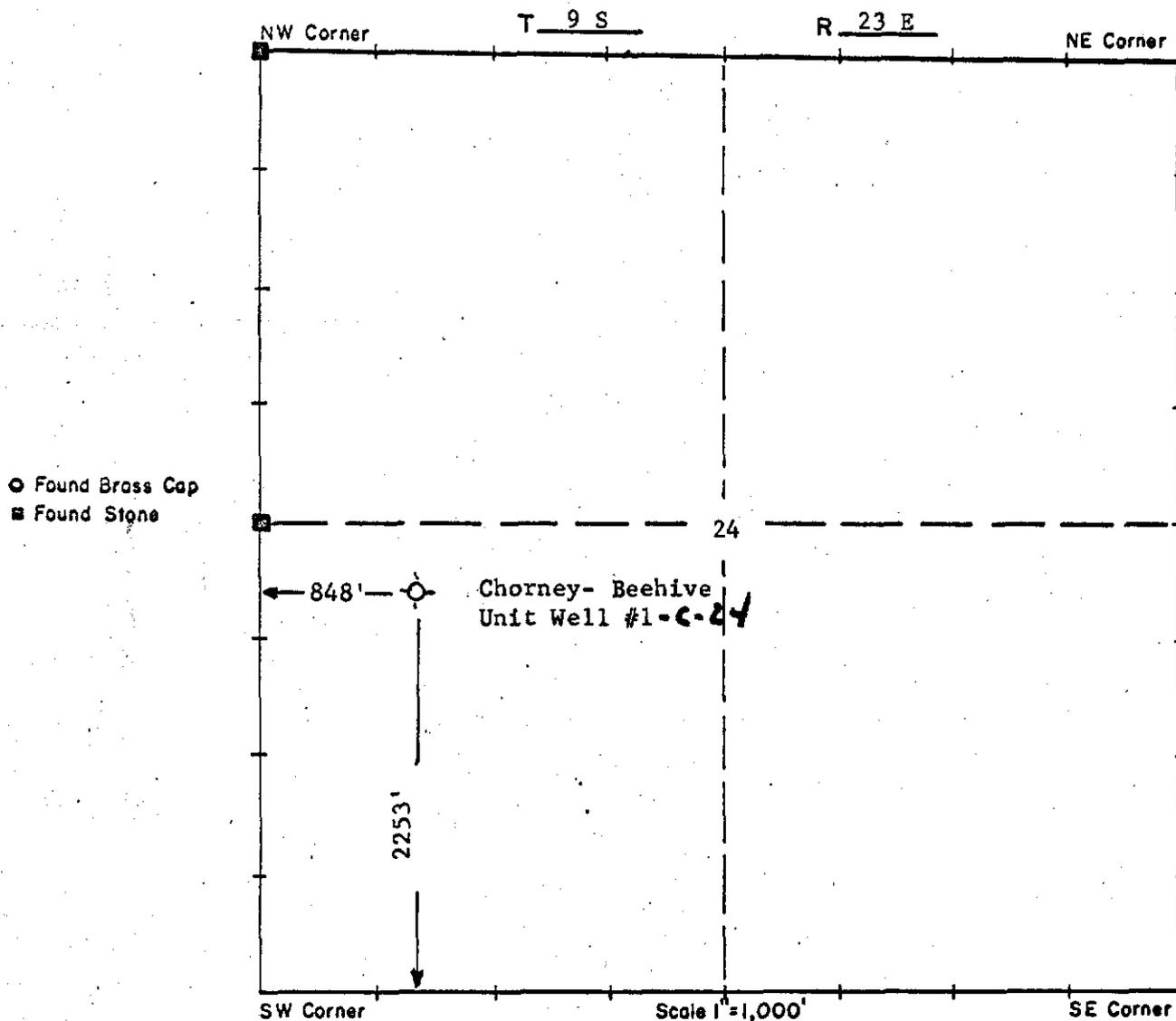
PGT
CF
UO&GCC
BLM

*See Instructions On Reverse Side

BOX 654
GREEN RIVER WYOMING
82935

WILLIAM H. SMITH
SURVEYING CONSULTANT

TELEPHONE
AREA CODE 307
875-3638



I, William H. Smith of Green River, Wyoming certify that in accordance with a request from Sam Boltz of Casper, Wyoming for Chorney Oil Company I made a survey on the 31st day of March, 19 73 for Location and Elevation of the Chorney- Beehive Unit Well #1-C-24 As shown on the above map, the well site is in the NW/4 SW/4 of Section 24, Township 9 South, Range 23 East of the S.L.B.&M., Uintah County, State of Utah Elevation is 5201 Feet ungraded ground Datum USGS bench mark #51 EAM

Reference point	<u>North 150' #5 rebar and lath.</u>	<u>Elevation @ top rebar 5193.9'</u>
Reference point	<u>South 150' #5 rebar and lath.</u>	<u>Elevation @ top rebar 5189.6'</u>
Reference point	<u>East 150' #5 rebar and lath.</u>	<u>Elevation @ top rebar 5203.2'</u>
Reference point	<u>West 150' #5 rebar and lath.</u>	<u>Elevation @ top rebar 5198.9'</u>

William H. Smith
R.L.S. NO. 2764

PLAN OF DEVELOPMENT

TO: Donald L. Pendleton, District Manager
Bureau of Land Management, 91 West Main St.
P. O. Box F, Vernal, Utah
Mr. Gerald R. Daniels - USGS

WELL: Beehive Unit Well No. 1-C-24
Loc.: NW SW Sec. 24 T 9S R 23E
County Uintah State Utah

Our "Plan of Development" for surface use relative to drilling and production operations on the above well is as follows:

1. Existing roads, See Exhibit "A"
Distance to closest public road .25 miles.
2. Planned access roads, See Exhibit "A". Channels for existing run-off will be maintained.
3. Location of wells See Exhibit "C". Channels for existing run-off will be maintained. If necessary, because of fill material, channels will be constructed around location. See attached letter Exhibit "D".
4. Lateral roads to well locations, See Exhibit "A". Roads will be constructed in a manner not to block drainage crossings.
5. Location of tank batteries and flowlines, See Exhibit "C". If productive, battery will be located near wellsite in Section 24, T9S, R23E.
6. Location and types of water supply, Water will be purchased from Bonanza or purchased from local ranchers.
7. Methods for handling waste disposal, A waste pit will be constructed on location and waste buried or hauled to existing approved area for waste disposal.
8. Camp plan and location, None planned.
9. Airstrips location to be utilized or constructed, None planned. None in immediate area.
10. Location layout of rig accessory equipment and pits, See attached Exhibit "C".
11. Surface restoration plans, Surfaces will be reshaped as reasonable and practical to conform to surrounding topography. Location, banks, cuts, constructed access roads will be reseeded with a mixture of 20% annual rye grass, 40% western wheat grass and 40% Indian rice grass at rate of 10# per acre seeded.
12. Other information pertinent for assessment of environmental impact, Will plan to make onsite inspection with BLM Supervisor to determine.

Chorney Oil Company representatives are available to meet with Governmental Agency representatives to inspect location and discuss requirements. Please contact Mr. Sam T. Boltz, P. O. Box 144, Casper, Wyoming 82601, office telephone 235-4575, home 235-1041 to arrange for mutually acceptable timing.

Submitted by: CHORNEY OIL COMPANY

Approved by: _____

Sam T. Boltz, Jr.
Sam T. Boltz, Jr.

REGISTERED

WYOMING • UTAH • IDAHO
NEVADA • NEW MEXICO • ARIZONA

WILLIAM H. SMITH
SURVEYING CONSULTANT
PHONE 307-878-3638

P.O. BOX 884
171 E. FLAMING GORGE WAY
GREEN RIVER, WYOMING 82936

April 7, 1973

EXHIBIT 'B'

RE: Job #24-73

Driving description to Chorney-Beehive Unit Well #1 located in the NW/4 SW/4 of Section 24, T 9 S, R 23 E, S.L.B.&M., Uintah County, Utah.

Beginning at Vernal, Utah go easterly along U.S. Hi-way #40 24 miles to the junction of Utah State Hi-way #45. Take said Hi-way #45 and go southerly 22 miles to a 4-way junction on the southerly side of the mill at Bonanza, Utah.

Take the extreme right hand fork and go northwesterly along road on the west side of mill 0.2 miles to a fork in the road.

Take the left hand fork and proceed westerly along main road 4.0 miles to a road fork.

Take the right hand fork and proceed westerly 1.8 miles to a junction with a tract road southwesterly.

Take tract road southwesterly 0.42 miles to a gate in an East-west drift fence.

Go through gate and proceed 0.9 miles southwesterly.

Turn right and follow vehicle tracks northwesterly 0.25 miles to well location.

4-6-72
Job# 24-75
W.H.

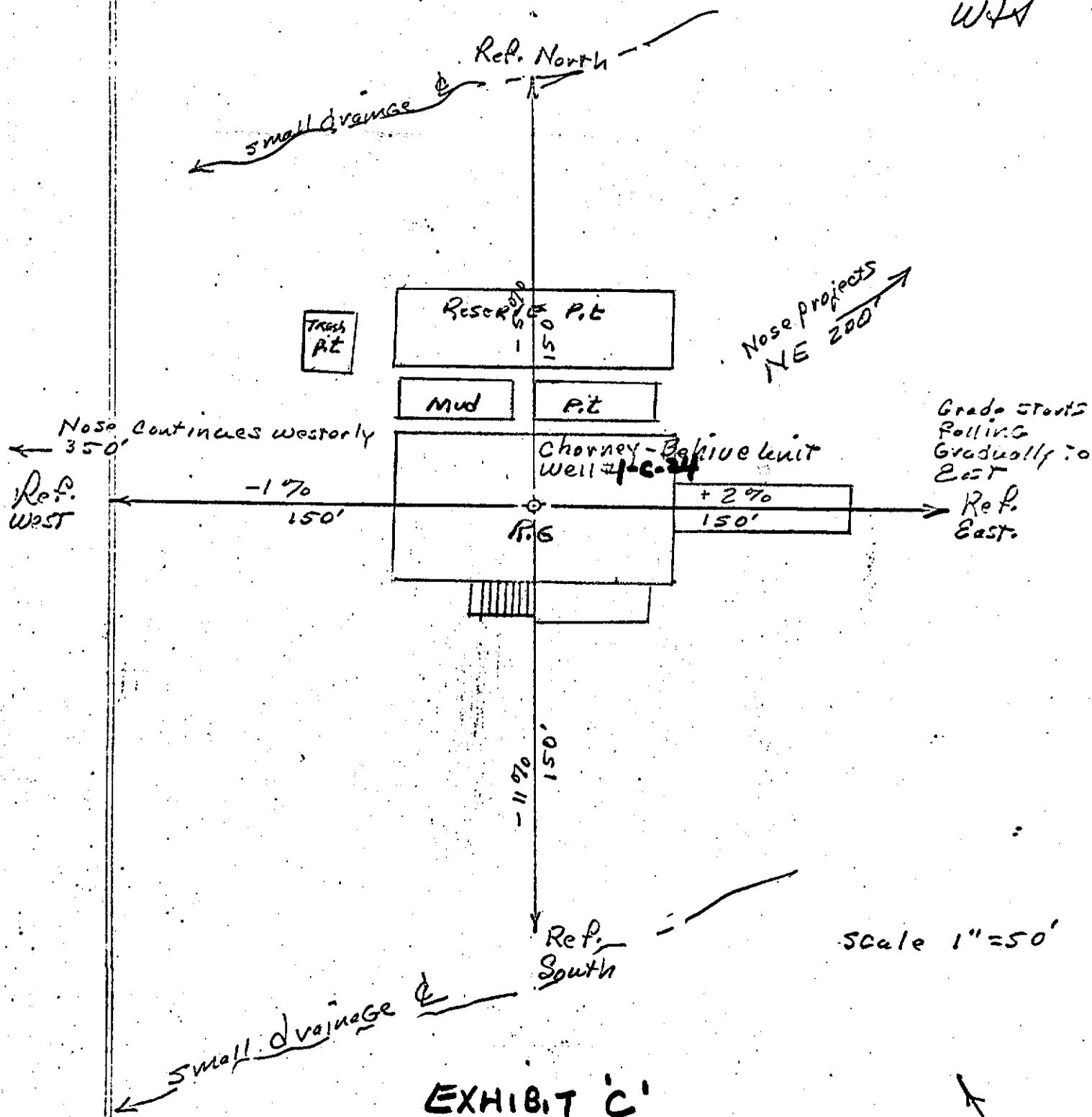


EXHIBIT 'C'

Access Road

REGISTERED

WYOMING • UTAH • IDAHO
NEVADA • NEW MEXICO • ARIZONA

WILLIAM H. SMITH
SURVEYING CONSULTANT
PHONE 307-875-3638

P.O. BOX 854
171 E. FLAMING GORGE WAY
GREEN RIVER, WYOMING 82938

April 9, 1973

Ref: Job #24-73

Chorney Oil Company
P. O. Box 144
Casper, Wyoming 82601

Att: Sam Boltz

Dear Mr. Boltz,

FC-24 →
This letter is in reference to the location of your Chorney-Beehive Unit Well #1 which you requested to be located in the center of the NW/4 SW/4 Section 24, T 9 S, R 23 E, S.L.B.&M., Uintah County, Utah.

The center of the above mentioned legal subdivision is located on terrain where it would be difficult to build a satisfactory well site, and because of this I moved the location northeasterly to the point indicated on the accompanying survey plat.

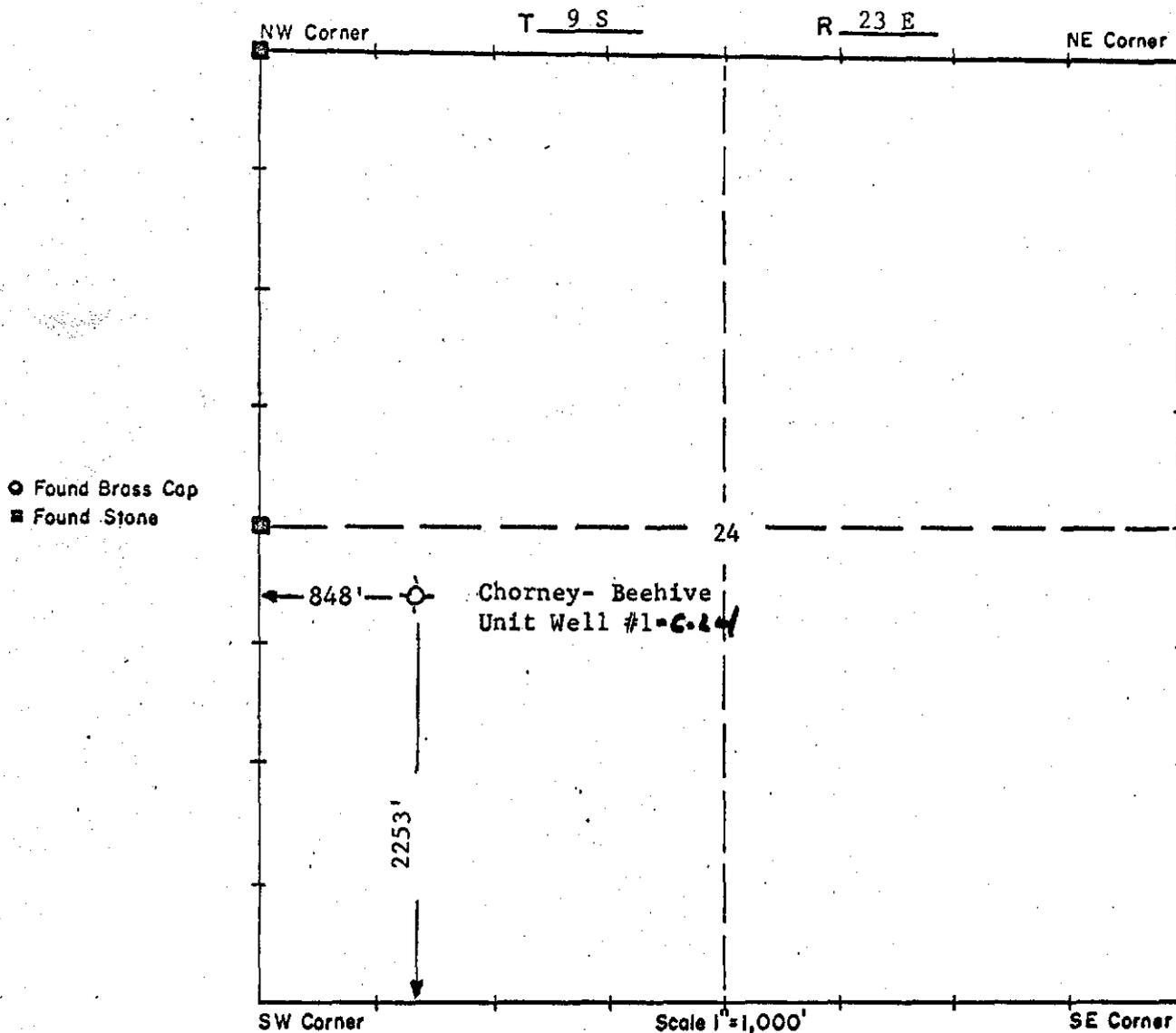
Sincerely,

William H. Smith

William H. Smith

WHS/ws
Enclosures

EXHIBIT 'D'

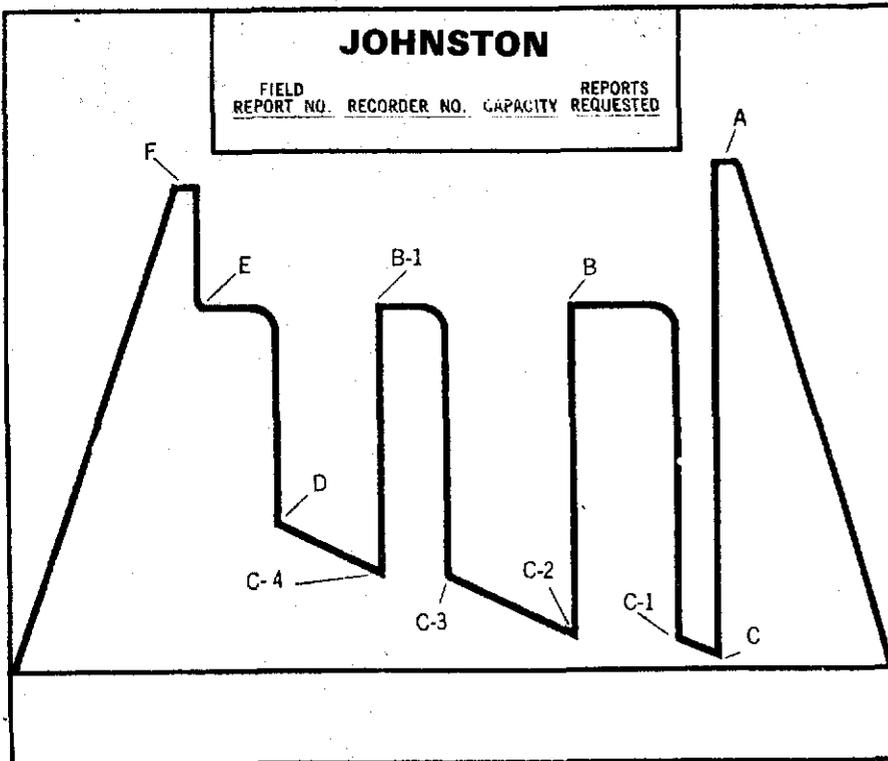


I, William H. Smith of Green River, Wyoming certify that in accordance with a request from Sam Boltz of Casper, Wyoming for Chorney Oil Company I made a survey on the 31st day of March, 19 73 for Location and Elevation of the Chorney- Beehive Unit Well #1-C-24 As shown on the above map, the wellsite is in the NW/4 SW/4 of Section 24, Township 9 South, Range 23 East of the S.L.B.&M., Uintah County, State of Utah Elevation is 5201 Feet ungraded ground Datum USGS bench mark #51 EAM

Reference point North 150' #5 rebar and lath. Elevation @ top rebar 5193.9'
Reference point South 150' #5 rebar and lath. Elevation @ top rebar 5189.6'
Reference point East 150' #5 rebar and lath. Elevation @ top rebar 5203.2'
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William H. Smith
R.L.S. NO. 2764

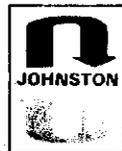
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



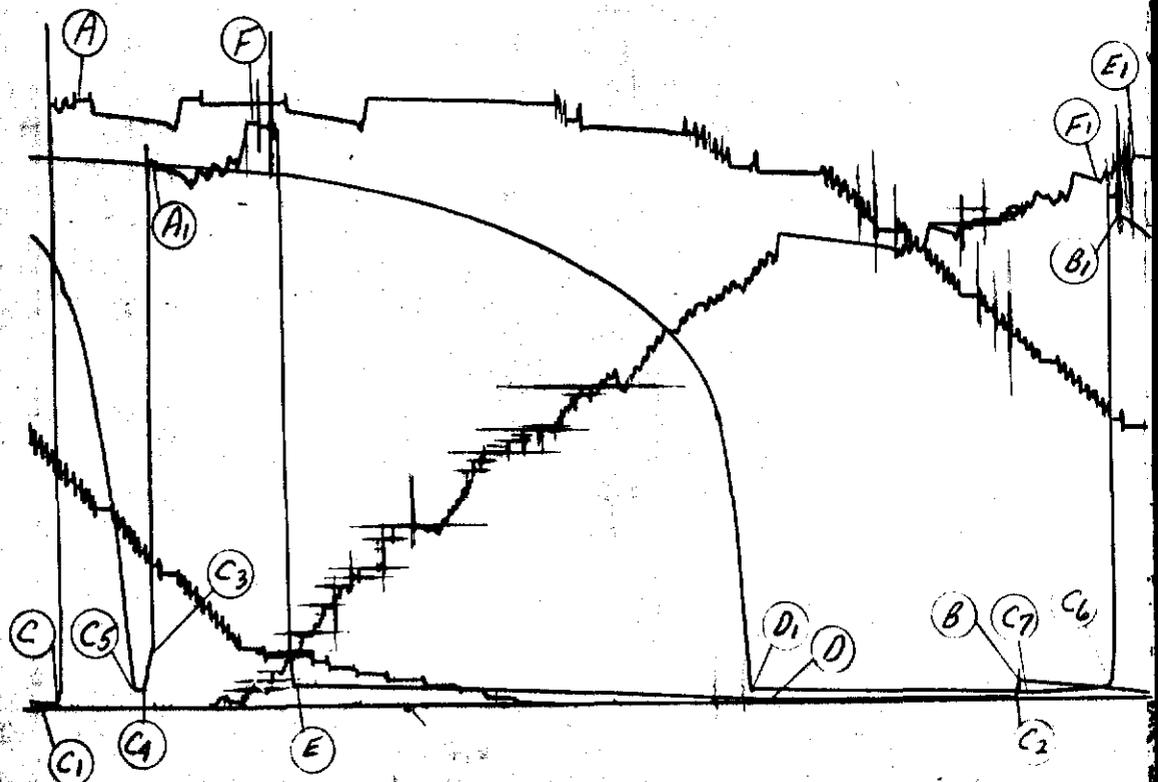
- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z — Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO.	RECORDER NO.
03428 C	J-118
CAPACITY	REPORTS REQUESTED
6400#	11+



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Beehive

8. FARM OR LEASE NAME

9. WELL NO.
1-C-24

10. FIELD AND POOL, OR WILDCAT
Beehive Unit

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-T9S-R23E, SLM

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL
40+

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
June 1, 1973

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
CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. Box 144, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
NW SW (848' FWL & 2253' FSL) Sec. 24-T9S-R23E, SLM
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
8.4 road miles west of Bonanza, 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
1280

17. NO. OF ACRES ASSIGNED TO THIS WELL
40+

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

19. PROPOSED DEPTH
7800'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5201' Ungraded Grd.

22. APPROX. DATE WORK WILL START*
June 1, 1973

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	32.3	500' ✓	500+ ✓
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24. SIGNED Sam T. Boltz, Jr. TITLE Vice President, Operations DATE May 17, 1973

(This space for Federal or State office use)

PERMIT NO. 43-047-30156 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

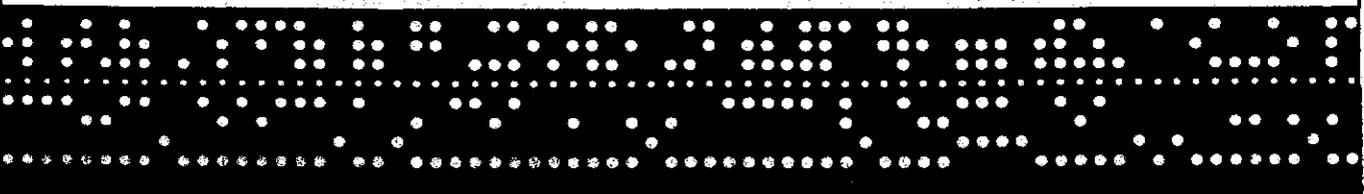
PGT
CF
UO&GCC
BLM

*See Instructions On Reverse Side

COMPANY CHORNEY OIL COMPANY WELL BEE HIVE UNIT #1-C-24 TEST NO. 1 & 2 COUNTY UINTAH STATE UTAH

JOHNSTON
Schlumberger

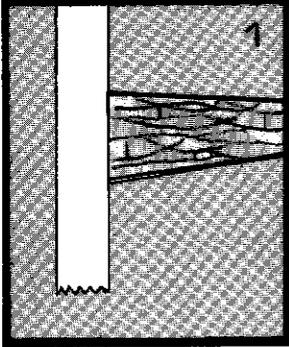
**computerized
data
analysis**



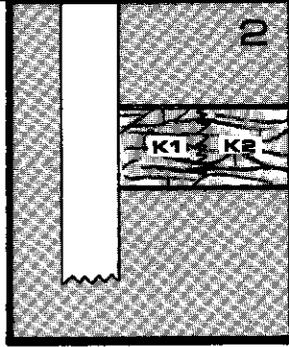


GEOLOGICAL INTERPRETATION GUIDE*

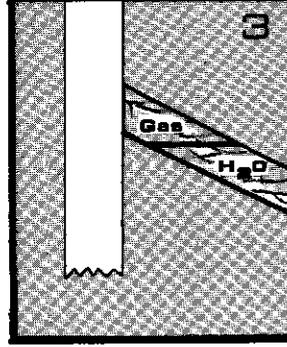
1 General Causes of a Break Upward in Slope Value



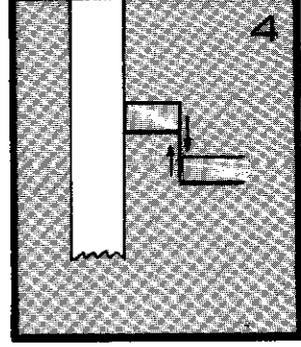
1 Decrease in thickness of pay zone away from well bore



2 Decrease in effective permeability away from well bore (facies change) $K_1 > K_2$

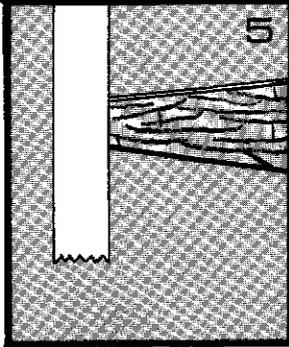


3 Increase in fluid viscosities away from the well bore (gas-water contact, gas-oil contact)

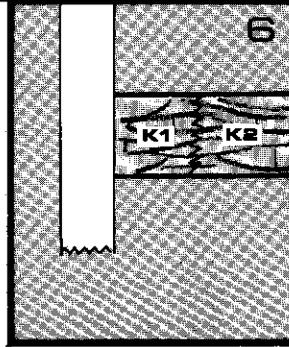


4 Sealing barrier (fault)

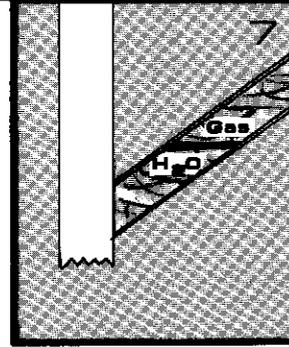
2 General Causes of A Break Downward in Slope Value



5 Increase in thickness of pay zone away from well bore

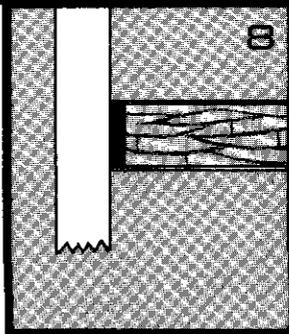


6 Increase in effective permeability away from well bore $K_1 < K_2$

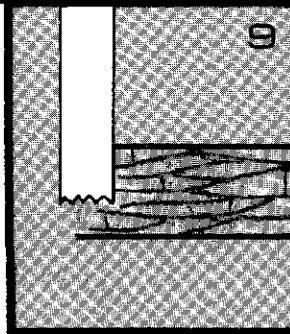


7 Decrease in fluid viscosities away from well bore

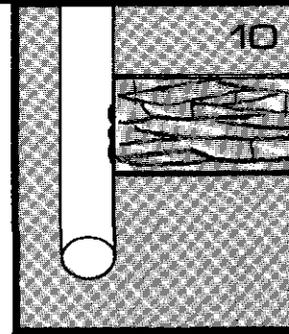
3 Conditions Which Will Give A Damage Indication



8 **True Skin Damage** - (Caused by: filtrate invasion, bit damage, drilling solids invasion, etc.)



9 **Pseudo Damage** - Incomplete penetration of porous zone



10 **Pseudo Damage** - Choking effect of perforations (cased hole)

*Illustrated causes of anomalies detected through pressure build-up analysis with Johnston "Computerized Data Analysis"



PRESSURE LOG*

Field Report No. 03428 C

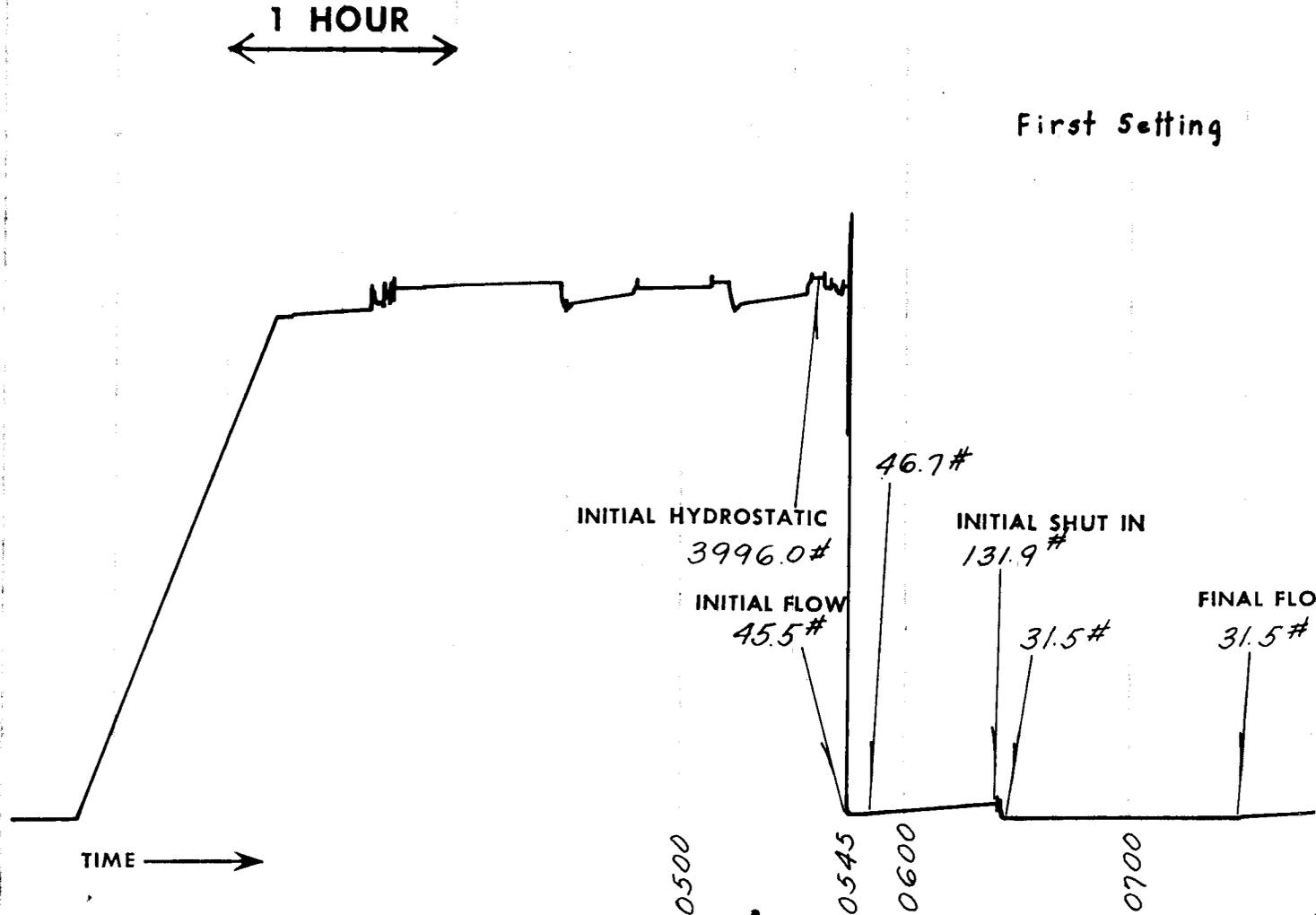
Instrument:
Number J-118

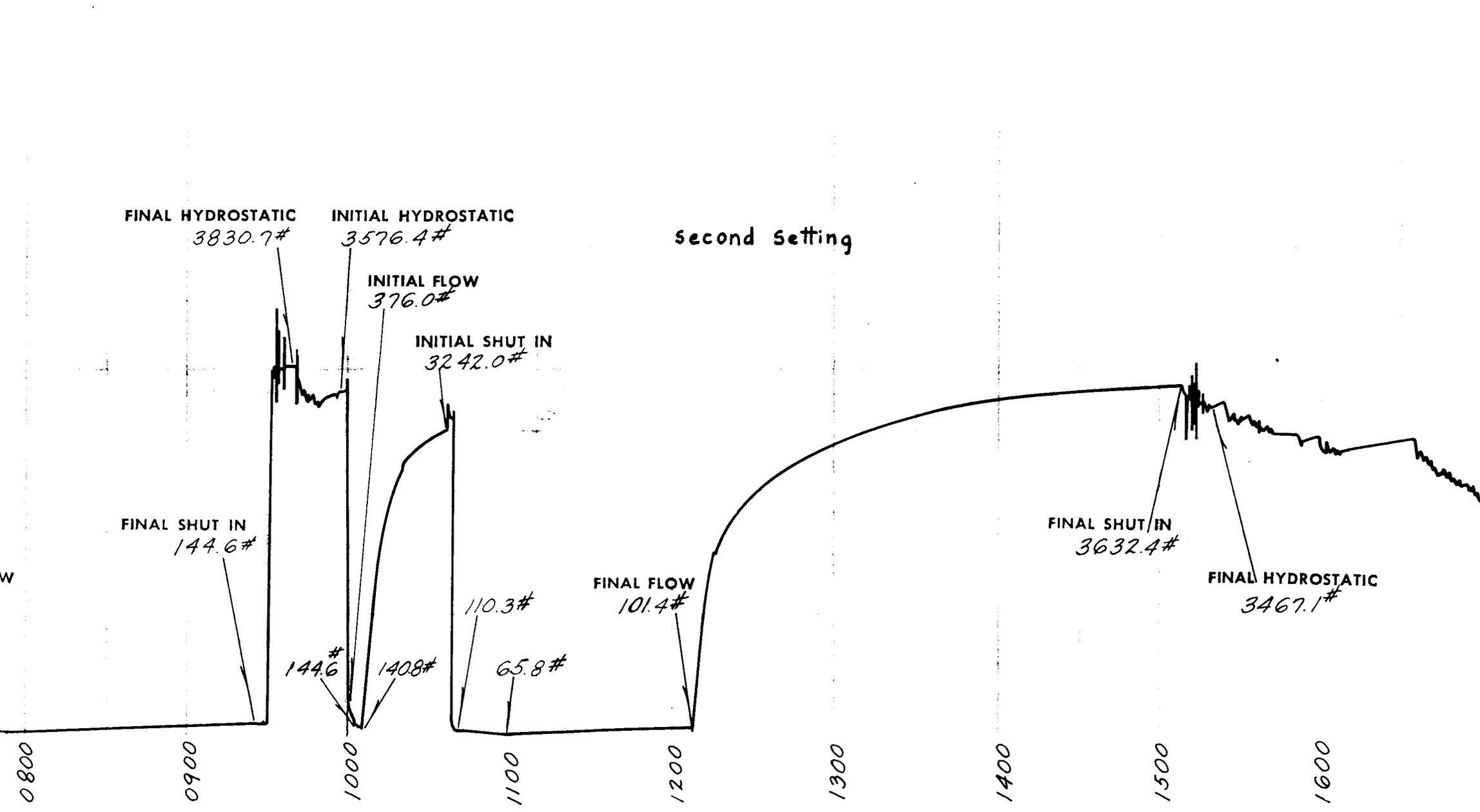
Capacity 6400 p.s.i.

First Setting:
Depth 8346 ft.

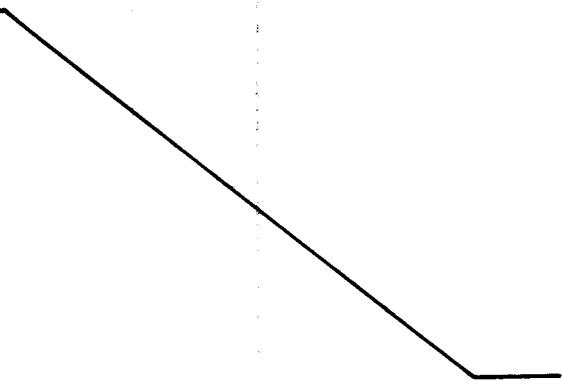
Second Setting: 7976 ft.

*a continuous tracing of the original chart





← 1 HOUR →



Schlumberger

COMPUTERIZED DATA ANALYSIS

AUGUST 30, 1973

GENTLEMEN:

THE ENCLOSED TEST APPEARS TO BE A GOOD MECHANICAL DRILL STEM TEST DURING WHICH THE TOOLS DID FUNCTION PROPERLY. THE FORMATION PRODUCED ENOUGH RESERVOIR FLUID FOR PROPER IDENTIFICATION. RESERVOIR PRESSURE DRAWDOWN WAS SUFFICIENT BUT ADEQUATE SHUT-IN BUILD-UPS DID NOT OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS USING THE HORNER PLOT. AFTERFLOW WAS STILL IN EFFECT ON THE INITIAL AND FINAL SHUT-IN BUILD-UPS TO THE EXTENT THAT THE PLOTS ARE CONSIDERED UNRELIABLE FOR ANALYSIS. THE MC KINLEY AFTERFLOW METHOD WAS USED TO DETERMINE THE RESERVOIR PARAMETERS REPORTED HEREIN.

1. FLOW RATE: A WEIGHTED AVERAGE FLOW RATE OF 142 MCF/DAY OF GAS WAS NOTED DURING THIS TEST.
2. RESERVOIR PRESSURE: EXTRAPOLATION TO A RELIABLE RESERVOIR PRESSURE WAS NOT POSSIBLE FROM THE HORNER PLOTS. AN ESTIMATED RESERVOIR PRESSURE OF 3844 P.S.I. WAS USED FOR THE PURPOSE OF THIS ANALYSIS.
3. PERMEABILITY: THE CALCULATED TRANSMISSIBILITY FACTOR OF 42.47 MD.-FT./CP. INDICATES AN AVERAGE EFFECTIVE PERMEABILITY TO GAS OF .0156 MD. FOR THE REPORTED 60 FOOT TEST INTERVAL. THE CALCULATIONS WERE BASED ON A SLOPE OF 3,190,703 P.S.I.²/LOG CYCLE OBTAINED FROM THE MC KINLEY METHOD. IT WAS ASSUMED FOR THESE CALCULATIONS: (A) GAS GRAVITY 0.70 (B) VISCOSITY 0.022 CP. (C) AND GAS DEVIATION FACTOR 0.90. THESE FIGURES WERE OBTAINED FROM THE AVAILABLE TECHNICAL LITERATURE.
4. WELL BORE DAMAGE: THE CALCULATED ESTIMATED DAMAGE RATIO OF 1.0 INDICATES THAT NO WELL BORE DAMAGE IS PRESENT AT THE TIME AND CONDITIONS OF THIS TEST.
5. RADIUS OF INVESTIGATION: THE CALCULATED RADIUS OF INVESTIGATION OF THIS TEST IS 8 FEET BASED ON AN ASSUMED POROSITY OF 10%, COMPRESSIBILITY OF 1.91×10^{-4} , AND OTHER ASSUMPTIONS MADE IN NUMBER 3 ABOVE.
6. GENERAL COMMENTS: THE FORMATION EXHIBITS THE CHARACTERISTICS OF RELATIVELY LOW PERMEABILITY EFFECTIVE TO THE RESERVOIR FLUID AND INDICATES THE ABSENCE OF WELL BORE DAMAGE.

THE PLOT OF THE BUILD-UP CURVE INDICATES A HETEROGENEOUS FORMATION. THIS MAY BE THE RESULT OF FRACTURES OR STRATIFIED LAYERS. IN ANY EVENT, A DECREASE IN TRANSMISSIBILITY, AWAY FROM THE WELL BORE, IS INDICATED. BASED ON THE INDICATED DECREASE, THE WELL WOULD NOT SUSTAIN A FLOW RATE OF MORE THAN 42.6 MCF/DAY, UNDER THESE TEST CONDITIONS.

IT IS NOTED THAT THE RESERVOIR PRESSURE IS GREATER THAN THE HYDROSTATIC MUD PRESSURE. IF NOT FOR THE LOW PERMEABILITY, WELL CONTROL WOULD HAVE BEEN A PROBLEM.

THE LOWER ZONE TESTED (8370' TO 8430') APPEARS TO BE EXTREMELY TIGHT AND NO DAMAGE IS INDICATED.

CHORNEY OIL COMPANY
BEE HIVE UNIT #1-C-24; UINTAH COUNTY, UTAH
TEST 1 & 2; 1ST. SETTING, 8370' TO 8430'
2ND. SETTING, 8000' TO 8060'
2253FSL-848FWL-SEC. 24-TWP. 9S-RGE. 23E

D. A. Warren, Jr.
D. A. WARREN, JR.
INTERPRETATION AND
EVALUATION DEPARTMENT
FIELD REPORT # 03428 C

Gas Reservoir Engineering Data



Instrument No. J-118

Field Report No. 03428 C

Estimated Damage Ratio	EDR	1.0	Effective Transmissibility	$\frac{Kh}{\mu Z}$	42.47	$\frac{Md-ft.}{Cp.}$
Maximum Reservoir Pressure ESTIMATED	P_o	3844 P.S.I.G.	Flow Rate	Q_g	142	MCF/day
Slope of Shut-in Curve CALCULATED	M_g	3190- $\frac{PSI^2}{703}$ /log cycle	Flow Rate	Q	-	
Potentiometric Surface (Datum Plane, Sea Level)	PS	6101 ft.	Pressure Gradient		.4819	PSI/ft.
Radius of Investigation		8 ft.	K (Effective to GAS)		.0156	Md.

Assumptions made for Calculations for Gas Recoveries

1. Q_g is taken as steady state flow and unless stated otherwise at standard conditions 14.7 P.S.I. and 60°F.
2. P_f is final formation flowing pressure at steady state flow.
3. Formation flow is taken as single phase flow. If liquid (condensate) is produced at surface, condensation is assumed to have occurred in drill pipe.
4. Radial flow is assumed.
5. Unless given, gas specific gravity is assumed to be 0.7 (air 1.0) and having pseudo critical temperature at 385° Rankin and pseudo critical pressure of 666 P.S.I.A.
6. Other standard radial flow, steady state assumptions.

Empirical Equations:

$$1. \text{ EDR} = \frac{P_o^2 - P_f^2}{M_g(\log T + 2.65)} \text{ where } M_g = \frac{P_f^2 - P_{10}^2}{\text{Log Cycle}}$$

$$2. \text{ Transmissibility } \frac{Kh}{\mu Z} = \frac{1637^\circ T_f Q_g}{M_g}$$

$$3. \text{ P.S.} = \left[P_o \times 2.309 \text{ ft./PSI} \right] - \left[\text{Recorder depth to sea level.} \right]$$

$$4. \text{ Radius of Investigation, } r_i = \sqrt{\frac{Kt}{40.8(1 - S_w)\mu C}} \text{ where } t = \text{time in days}$$

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not, guarantee the accuracy or correctness or any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

3200 151
3428

2800

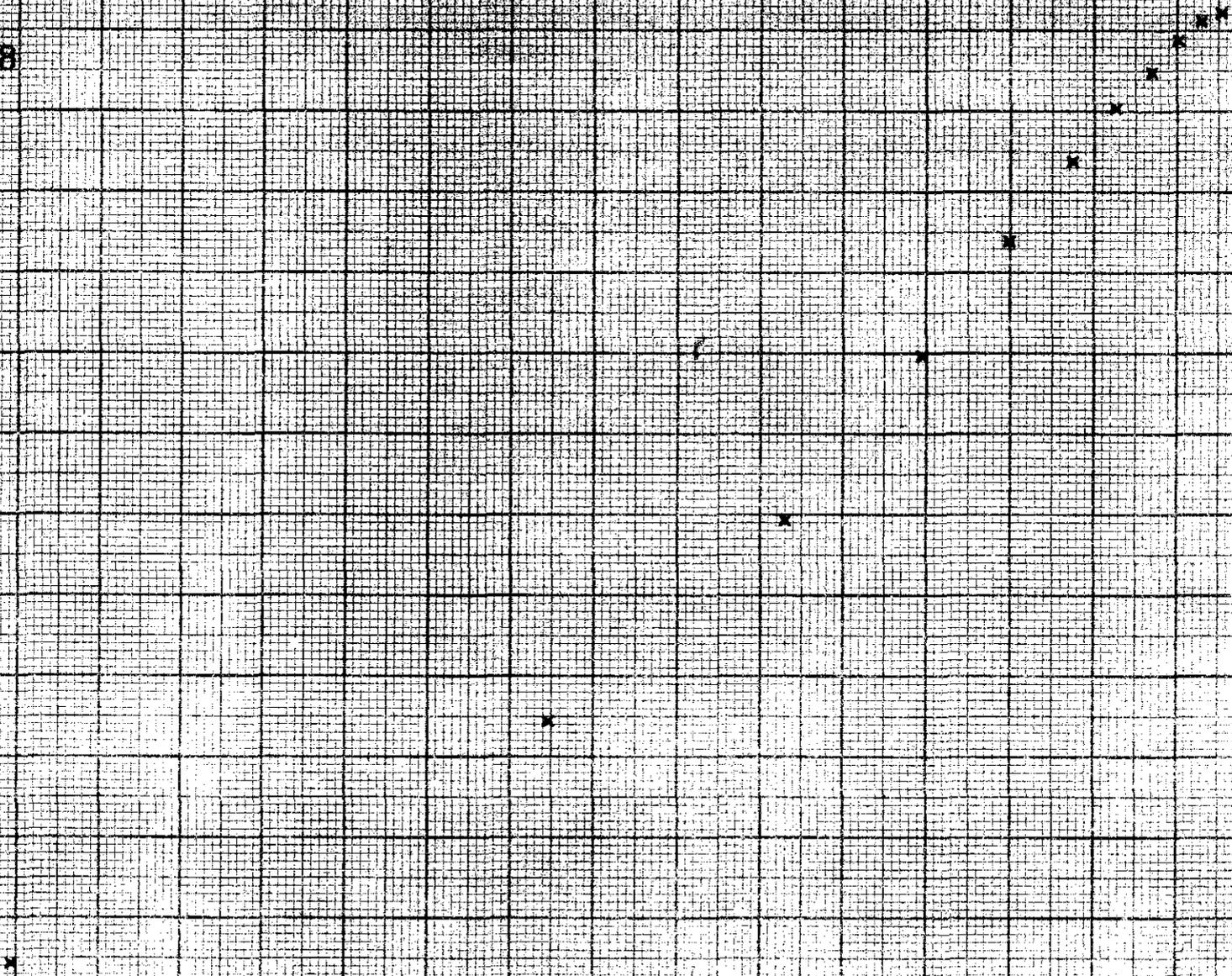
2400

2000

1600

1200

PRESSURE (PSIA)



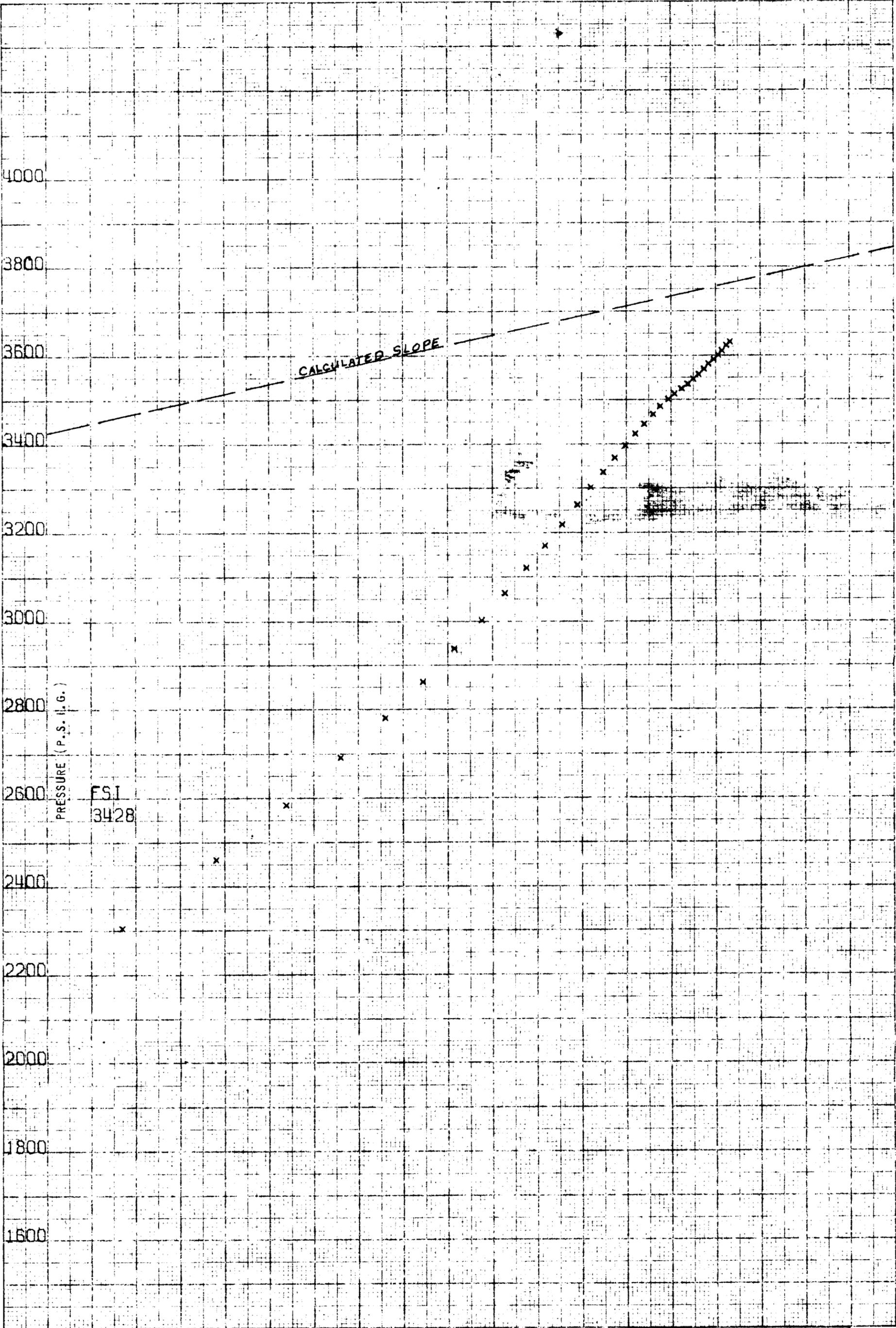
J.5

LOG OF $\frac{T + \Delta T}{\Delta T}$

JOHNSTON COMPUTERIZED PLOT

OMNIGRAPHIC
COMPLLOT

CHART NO. FC-50 PRINTED IN U.S.A.



PRESSURE (P.S.I.G.)

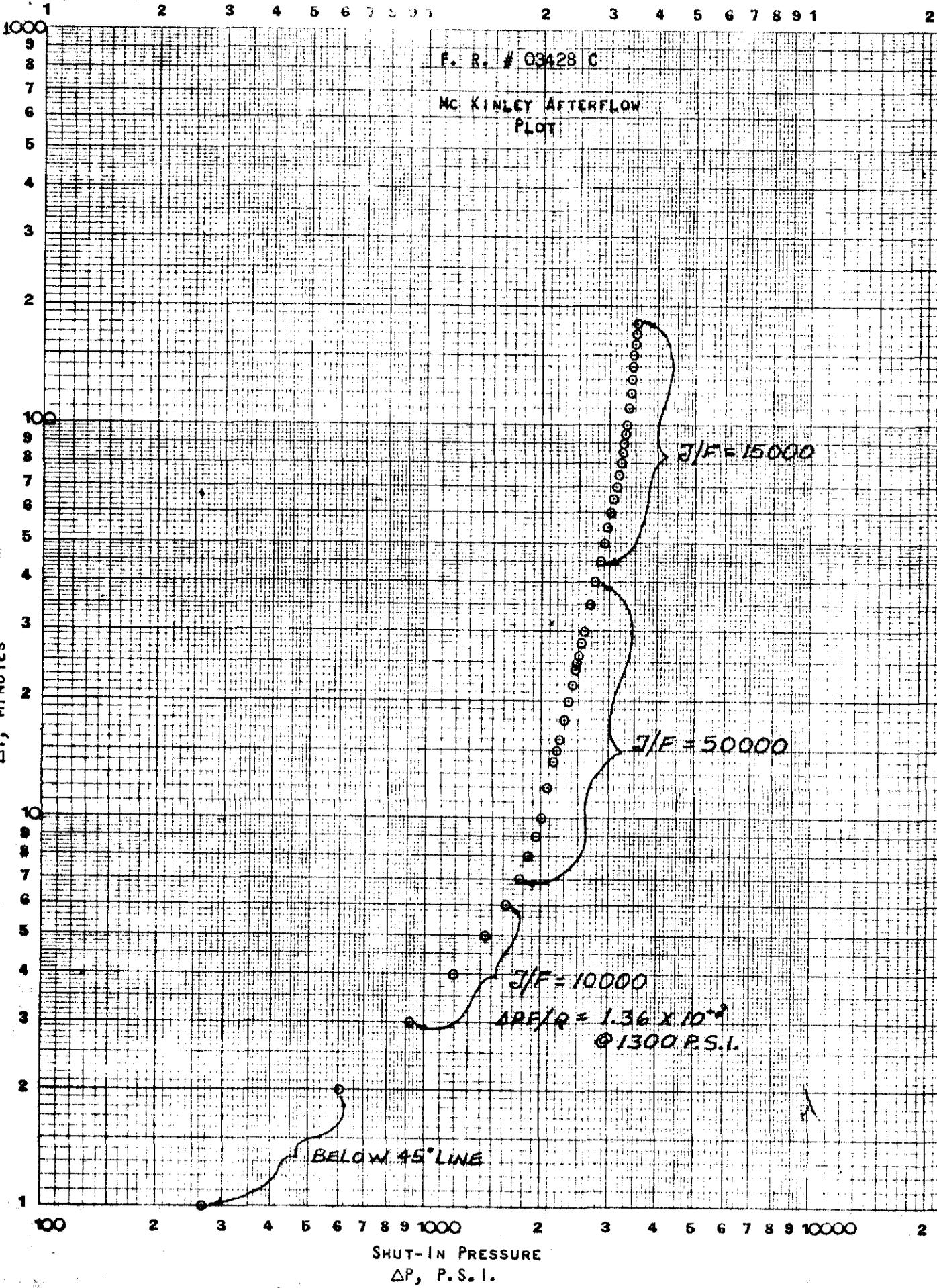
FSI
3428

CALCULATED SLOPE

1.0

LOG OF $\frac{T + \Delta T}{\Delta T}$

REGISTERED
PLOT



CLEARPRINT PAPER NO. 442 LOGARITHMIC 2 BY 2 1/2 INCH CIRCLES CLEARPRINT CO. 6

ΔP = SHUT-IN PRESSURE - FINAL FLOW PRESSURE ΔT = SHUT-IN TIME IN MINUTESFINAL FLOW PRESSURE = 101.4

ΔT	ΔP	ΔT	ΔP
1	264.5	165	3500.4
2	604.0	170	3510.6
3	919.3	175	3522.1
4	1192.7	180	3531.0
5	1431.7		
6	1623.7		
7	1768.7		
8	1852.6		
9	1937.8		
10	2000.1		
12	2087.8		
14	2164.1		
15	2202.2		
16	2236.6		
18	2300.1		
20	2358.6		
22	2412.0		
24	2460.4		
25	2483.2		
26	2504.9		
28	2546.8		
30	2591.3		
35	2680.3		
40	2763.0		
45	2838.0		
50	2902.8		
55	2962.6		
60	3019.8		
65	3070.7		
70	3119.0		
75	3162.2		
80	3201.6		
85	3236.0		
90	3267.8		
95	3297.0		
100	3322.4		
105	3345.3		
110	3366.9		
115	3384.7		
120	3401.3		
125	3412.7		
130	3424.2		
135	3435.6		
140	3445.8		
145	3457.2		
150	3468.7		
155	3480.1		
160	3490.3		

SUPPLEMENTARY SHEET FOR FIELD REPORT # 03428 C

SURFACE INFORMATION		PRESSURE (P. S. I. G.)	SURFACE CHOKE
DESCRIPTION (RATE OF FLOW)	TIME		CLOSED
OPENED TOOL	0545	0	CLOSED
WEAK BLOW INCREASING			
GOOD BLOW	0546	-	"
CLOSED FOR INITIAL SHUT-IN	0552	0	"
FINISHED SHUT-IN	0622	0	"
RE-OPENED TOOL	0624	0	"
WEAK BLOW INCREASING			
FAIR BLOW, 9 TO 10" IN WATER	0628	-	"
BLOW REMAINED SAME FOR BALANCE OF TEST			
	0724	0	"
CLOSED FOR FINAL SHUT-IN	0726	0	"
FINISHED SHUT-IN	0926	0	"
PULLED PACKER LOOSE	0930	0	"
RE-SET PACKER	0957	-	"
OPENED TOOL	1000	-	"
FAIR BLOW INCREASING TO A STRONG BLOW			
	1004	38.0	1/2"
CLOSED FOR INITIAL SHUT-IN	1006	38.0	"
GAS TO SURFACE	1007	-	"
FINISHED SHUT-IN	1036	-	"
RE-OPENED TOOL	1038	-	"
STRONG BLOW			
GAS 177 MCF/DAY	1040	20.0	"
GAS 222 MCF/DAY	1045	28.0	"
GAS 205 MCF/DAY	1050	25.0	"
GAS 183 MCF/DAY	1055	21.0	"
GAS 166 MCF/DAY	1100	18.0	"
GAS 159 MCF/DAY	1105	17.0	"
GAS 147 MCF/DAY +	1110	15.0+	"
GAS 141 MCF/DAY +	1115	14.0+	"
GAS 134 MCF/DAY	1120	13.0	"
GAS 129 MCF/DAY	1125	12.0	"
GAS 129 MCF/DAY	1130	12.0	"
GAS 121 MCF/DAY	1135	11.0	"
GAS 116 MCF/DAY	1140	10.0+	"
GAS 116 MCF/DAY	1145	10.0	"
GAS 116 MCF/DAY	1150	10.0	"
GAS 116 MCF/DAY	1155	10.0	"
GAS 112 MCF/DAY	1200	9.5	"
GAS 108 MCF/DAY +	1205	9.0	"
GAS 108 MCF/DAY	1210	9.0	"
CLOSED FOR FINAL SHUT-IN	1210	9.0	"
FINISHED SHUT-IN	1510	-	"
PULLED PACKER LOOSE	1515	-	-

GAS RATES MEASURED WITH
ORIFICE WELL TESTER



1ST. SETTING		PRESSURE DATA		Field Report No. 03428 C	
Instrument No.	J-118			TIME DATA	
Capacity (P.S.I.G.)	6400				
Instrument Depth	8346'				
Instrument Opening	INSIDE				
Pressure Gradient P.S.I./Ft.					
Well Temperature °F.	188			Time Given	Time Computed
Initial Hydrostatic Mud	A	3996.0			
Initial Shut-in	B *	131.9		30 Mins.	33 Mins.
Initial Flow	C	45.5		7 Mins.	6 Mins.
	C-1	46.7		- Mins.	- Mins.
	C-2	31.5		- Mins.	- Mins.
Final Flow	D	31.5		62 Mins.	63 Mins.
Final Shut-in	E *	144.6		120 Mins.	116 Mins.
Final Hydrostatic Mud	F	3830.7			

Remarks:

* Shut in pressure did not reach static reservoir pressure.

Clock Travel 0.02058 inches per min.

PRESSURE INCREMENTS

DT	PSI	LOG	DT	PSI	LOG
INITIAL SHUT IN BREAKDOWN					
C 1 0	46.7	0.000	18	107.8	0.125
3	59.4	0.477	21	112.8	0.109
6	73.4	0.301	24	117.9	0.097
9	83.6	0.222	27	121.7	0.087
12	92.5	0.176	30	126.8	0.079
15	100.1	0.146	B 33	131.9	0.073
FINAL SHUT IN BREAKDOWN					
D 0	31.5	0.000	70	106.5	0.298
10	41.6	0.898	80	115.4	0.270
20	53.1	0.648	90	123.0	0.247
30	64.5	0.519	100	130.6	0.228
40	74.7	0.435	110	138.3	0.211
50	86.1	0.377	E 116	144.6	0.197
60	97.6	0.332			



2ND. SETTING		PRESSURE DATA			
Instrument No.	J-118			Field Report No. 03428 C	
Capacity (P.S.I.G.)	6400				
Instrument Depth	7976'				
Instrument Opening	INSIDE				
Pressure Gradient P.S.I./Ft.					
Well Temperature °F.	188			TIME DATA	
Initial Hydrostatic Mud	A-1	3576.4		Time Given	Time Computed
Initial Shut-in	B-1 *	3242.0		30 Mins.	31 Mins.
Initial Flow	C-3	376.0		6 Mins.	5 Mins.
	C-5	140.8		- Mins.	- Mins.
	C-6	110.3		- Mins.	- Mins.
Final Flow	D-1	101.4		92 Mins.	90 Mins.
Final Shut-in	E-1 *	3632.4		180 Mins.	180 Mins.
Final Hydrostatic Mud	F-1	3467.1			
Remarks:	C-4	144.6			
	C-7	65.8			

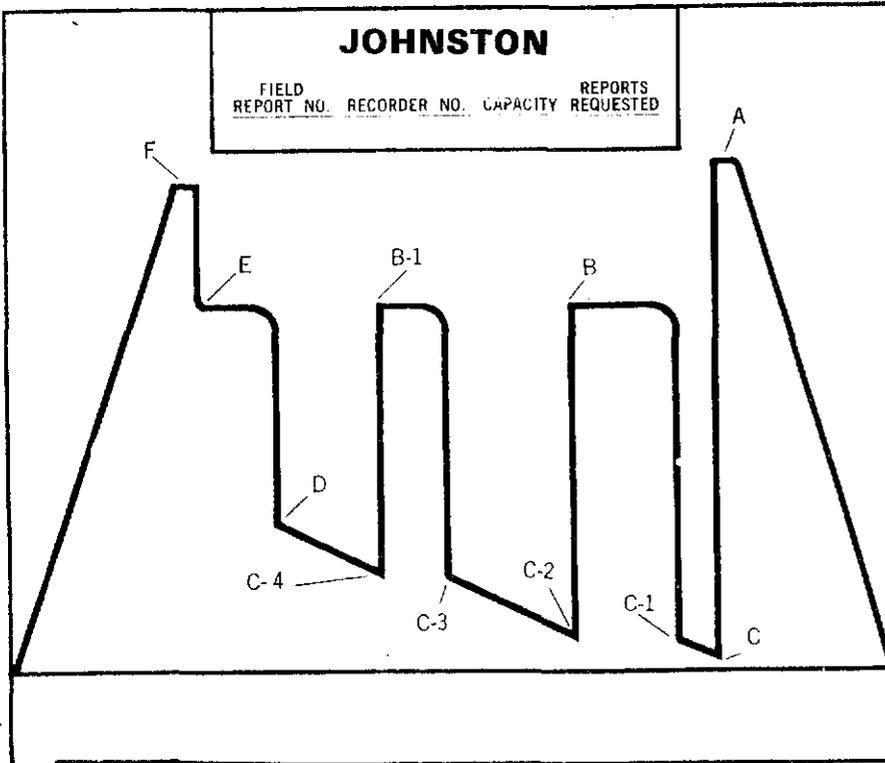
* Shut in pressure did not reach static reservoir pressure.

Clock Travel 0.02121 inches per min.

PRESSURE INCREMENTS

DT	PSI	LØG	DT	PSI	LØG
INITIAL SHUT IN BREAKDOWN					
C 5 0	140.8	0.000	18	2875.8	0.106
3	884.6	0.426	21	3006.8	0.093
6	1489.9	0.263	24	3097.1	0.082
9	1987.0	0.192	27	3175.9	0.074
12	2396.5	0.151	30	3224.2	0.067
15	2678.7	0.125	B-1 31	3242.0	0.061
FINAL SHUT IN BREAKDOWN					
D-1 0	101.4	0.000	95	3398.4	0.301
5	1533.1	1.301	100	3423.8	0.290
10	2101.5	1.021	105	3446.7	0.280
15	2303.6	0.865	110	3468.3	0.270
20	2460.0	0.760	115	3486.1	0.262
25	2584.6	0.681	120	3502.7	0.253
30	2692.7	0.620	125	3514.1	0.246
35	2781.7	0.570	130	3525.6	0.238
40	2864.4	0.528	135	3537.0	0.231
45	2939.4	0.493	140	3547.2	0.225
50	3004.2	0.462	145	3558.6	0.219
55	3064.0	0.436	150	3570.1	0.213
60	3121.2	0.412	155	3581.5	0.208
65	3172.1	0.391	160	3591.7	0.202
70	3220.4	0.372	165	3601.8	0.197
75	3263.6	0.355	170	3612.0	0.193
80	3303.0	0.340	175	3623.5	0.188
85	3337.4	0.326	E-1 180	3632.4	0.184
90	3369.2	0.313			

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



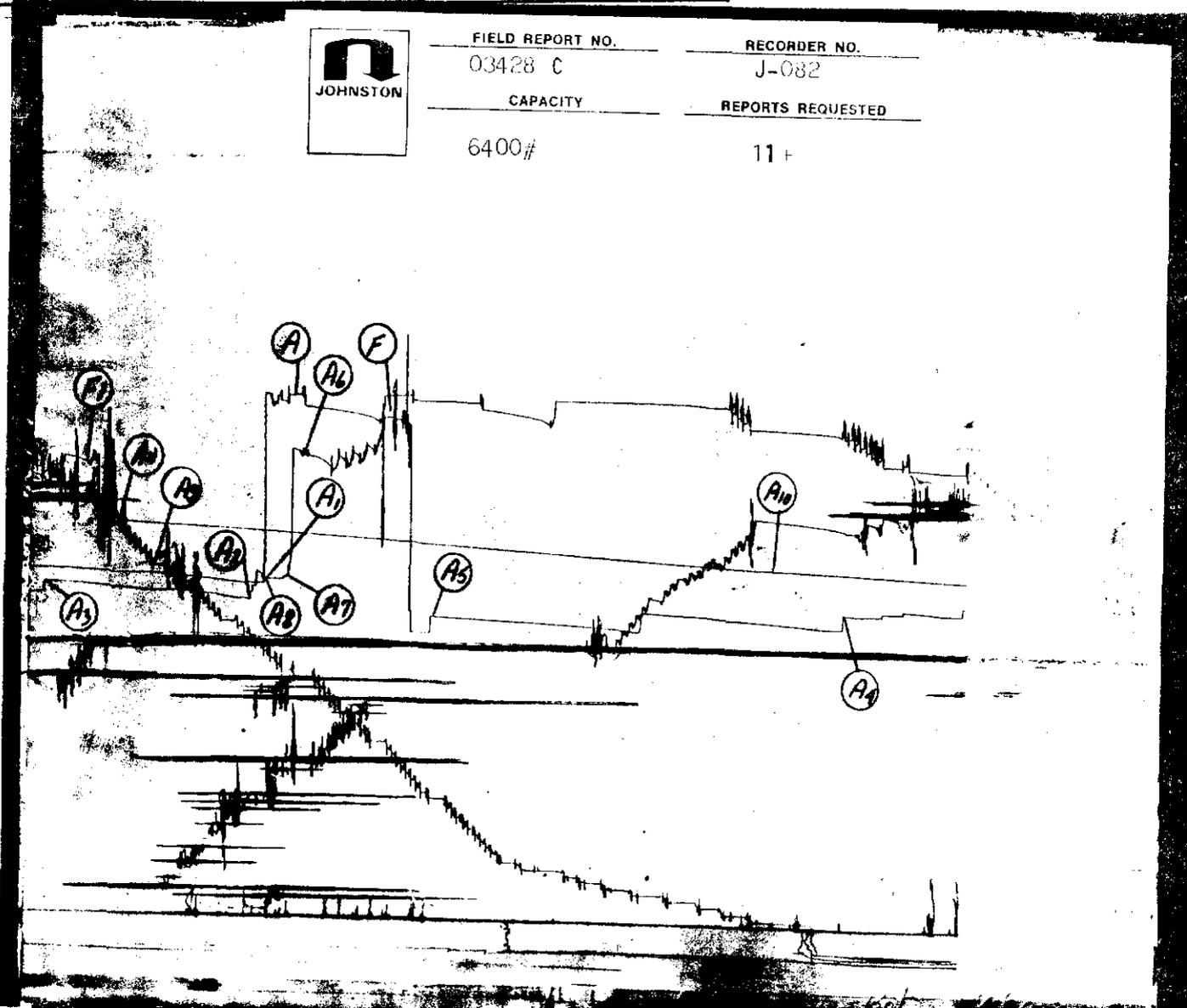
- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z—Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO.	RECORDER NO.
03428 C	J-082
CAPACITY	REPORTS REQUESTED
6400#	11 +





P.O. BOX 36369 • HOUSTON, TEXAS

CONFIRMATION OF TECHNICAL REPORT DISTRIBUTION

CUSTOMER CHORNEY OIL COMPANY FIELD REPORT NO. 03428 C DATE 8-19-73
COMPANY SAME AS ABOVE LEASE BEE HIVE UNIT WELL NO. 1-c-24
COUNTY UINTAH STATE UTAH FIELD WILD CAT

JOHNSTON TESTERS HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS. THIS DISTRIBUTION OF TECHNICAL REPORTS WILL BE USED FOR: [X] ALL TESTS ON THIS WELL, [] THIS ONE TEST ONLY, UNLESS OTHERWISE NOTIFIED.

2 TECHNICAL REPORT (S)
CHORNEY OIL COMPANY
P. O. BOX 144
CASPER, WYOMING 82601

1 TECHNICAL REPORT (S)
MR. BOB SCOTT
1140 LINCOLN TOWER BUILDING
DENVER, COLORADO 80203

2 TECHNICAL REPORT (S)
PACIFIC TRANSMISSION SUPPLY COMPANY
245 MARKET STREET
SAN FRANCISCO, CALIFORNIA 94105
ATTN: MR. PENNY PACKER SMITH AND MR. JARROLD KUNZ

1 TECHNICAL REPORT (S)
MR. STANLEY M. EDWARDS
P. O. BOX 376
CASPER, WYOMING 82601

1 TECHNICAL REPORT (S)
MR. CHARLES FRY
64 EAST MAIN
VERNAL, UTAH 84078

2 TECHNICAL REPORT (S)
U.S. GEOLOGICAL SURVEY
8416 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84111
ATTN: MR. GERALD DANIELS

2 TECHNICAL REPORT (S)
UTAH DIVISION OF OIL & GAS CONSERVATION
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
ATTN: MR. CLEON B. FEIGHT

TECHNICAL REPORT (S)

TECHNICAL REPORT (S)

TECHNICAL REPORT (S)

It is our pleasure to be of service.

JOHNSTON

May 23, 1973

Chorney Oil Company
Box 144
Casper, Wyoming 82601

Re: Well No. Beehive Unit 1-C-24
Sec. 24, T. 9 S, R. 23 E,
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the topographic exception under Rule C-3(c), of the General Rules and Regulations and Rules of Practice and Procedure. Said approval is, however, conditional upon this office receiving written notification that your company owns or controls 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 relative to the above will be greatly appreciated.

The API number assigned to this well is 43-047-30156.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

H

PI

PLB

CHORNEY OIL COMPANY

111 EAST SECOND — P. O. BOX 144
PHONE 234-4575 OR 234-7164
CASPER, WYOMING 82601

RAYMOND CHORNEY,
PRESIDENT

DIVISION OFFICE
1140 LINCOLN TOWER BLDG.
DENVER, COLORADO 80203
PHONE (303)—222.7886

June 5, 1973

Mr. Cleon B. Feight, Director
Utah Oil and Gas Commission
1588 North Temple
Salt Lake City, Utah 84116

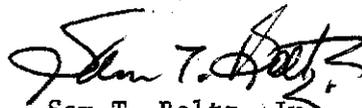
Re: Well No. Beehive Unit 1-C-24
Sec. 24, T9S, R23E
Uintah County, Utah

Dear Mr. Feight:

In reference to your letter of May 23, 1973, with regard to the above well, this is to advise that Chorney Oil Company own or control all the acreage within a 660' radius of the proposed location.

The lease, 0141694-A, was assigned from Barber Oil Exploration, Inc. to Chorney Oil Company 1/3 and Pacific Transmission Supply Company 2/3 on January 31, 1973. We filed our Application for Approval with the Bureau of Land Management on March 8, 1973. If you have not already received Bureau of Land Management approval, it should be forthcoming.

Yours very truly,



Sam T. Boltz, Jr.
Vice President, Operations

STB-BD

cc: USGS

gab

CHORNEY OIL COMPANY
and
PACIFIC GAS TRANSMISSION COMPANY
BEEHIVE UNIT #1-C-24
NW, SW, Sec 24, T9S, R23E SLM
UINTAH COUNTY, UTAH

August 24, 1973

Dean St. Clair

Dean St. Clair
Consulting Geologist
254 North Center
C.B.C. Building
Casper, Wyoming

TABLE OF CONTENTS

	Page
General Information Summary - - - - -	1
Chronological Drilling Summary- - - - -	3
Formation Log Tops- - - - -	4
Daily Mud Treatment - - - - -	5
Drilling Mud Recap- - - - -	7
Water Analysis- - - - -	9
Bit Record- - - - -	10
Sample Description - - - - -	-11-27
Sample Log- - - - -	Pocket

GENERAL INFORMATION SUMMARY

OPERATOR: Chorney Oil Company
401 Lincoln Tower Building
Denver, Colorado 80203

LEASE & NUMBER: Beehive Unit No. 1-C-24
NW, SW, Sec. 24, T9S, R23E, S1M
Uintah County, Utah

ELEVATION: Ground: 5201' K.B.: 5212'

CONTRACTOR: Pioneer Drilling Company Rig # 6
Glen Ross Tool Pusher

SPUD DATE: June 26, 1973

SURFACE CASING: Ran 17 joints of 9 5/8" casing
totaling 506'

INTERMEDIATE CASING: Ran 117 joints of K 55, 7' casing
totaling 4979'

HOLE SIZE: 12 1/4" to 506'; 7 7/8" to 1808'; 8 3/4"
from 506' to 6588'; 6 1/4" to 8500. T.D.

MUD PROGRAM: Non-dispersed water to 1855'
Non-dispersed areated water from 1855'
to 6588'. Low solids non-dispersed
Kcl-My-Lo-Gel areated, from 6588' to T.D.
By: MAGCOBAR, Vernal, Utah

SAMPLING PROGRAM: 30' samples from surface to 1200'
10' samples from 1200' to T.D.

SAMPLE DISPOSITION: Samples in possession of American
Stratigraphic Company, Casper, Wyoming

LOGGING PROGRAM: Duel Induction Focused Log with linear
correlation log; Compensated Densilog;
BHC Acoustilog; Compensated Neutron with
compensated densilog Porosity.

GAS DETECTOR: Continental Laboratories Inc.,
Casper, Wyoming; with a chromatograph
manned by the geologist.

ENGINEERING: Sam Boltz Jr; Chorney Oil Company and
Birl Lynch; Consultant, Casper, Wyoming.

TOTAL DEPTH: Driller: 8500' Logger: 8501'

GENERAL INFORMATION SUMMARY CONT'D.

GEOLOGIST:

Dean St.Clair; Consulting Geological
Engineer, 254 North Center, Casper, Wyo.

WELL SUMMARY: The interest in air as an aid to drilling, has created some concern with the author. Listed in chronological order they are:

1. No data was or has been kept as to the actual amount of air ie. (CFM of air) used down the hole at any specific time. This could be of tremendous benefit for plotting the drilling time/ penetration rate, bit life in respect to formations, damage to the formations by the air as encountered in this hole, and potential problems in respect to logging and future production work.
2. The temperatures indicated in the south and west flank of the Red Wash field area, Uintah Basin, are considerably higher than is normal to a hole of this depth and section. Consequently with any areated system, corrosion and oxidation to the drill pipe is enhanced.
3. Data now confirms that an areated Kcl mud system is the most corrosive known and with the higher bottom hole temperatures mud break-down and chemical changes are inevitable.
4. The areated system as was used on this hole, especially in the latter stages of drilling, was up to 800 CFM with no consideration given to turbulent flow system.....

GENERAL RECOMMENDATIONS: A good quality low water loss, non-dispersed mud system is recommended. Hole size be drilled in respect to pipe size. ie. 8 3/4" hole be drilled out from under a 9 5/8" pipe, 7 7/8" hole out from under 8 5/8" pipe, etc. With or without air or an areated program, THE LAMINAR FLOW should be of primary consideration, thusly eliminating the hole sluff-possum belly problem, and out of guage hole.

CHRONOLOGICAL DRILLING SUMMARY

June 26 Spud
 27 drilling mouse & rat hole
 28 drilled to 508'
 29 drill out cement 884'
 30 drilling at 1681'
 July 1 drilling at 1766'
 2 lost circulation at 1766'
 3 " " " " "
 4 " " " " "
 5 " " " " "
 6 drilled to 1825' - lost circulation
 7 drilling - cement plug at 1825'
 8 drilling - cement plug #2 at 1825'
 9 drilling at 1855'
 10 lost circulation at 1855'
 11 drilled to 1602'
 12 reaming at 1602'
 13 reaming at 1844'
 14 drilling at 2030'
 15 drilling at 2622'
 16 drilling at 3272'
 17 drilling at 3994'
 18 drilling at 4405'
 19 drilling at 4893'
 20 drilling at 5203'
 21 drilling at 5488'
 22 drilling at 5795'
 23 drilling at 6093'
 24 drilling at 6420'
 25 drilling at 6588'
 26 stuck drill pipe at 6588'
 27 condition hole for logs - T.D. 6588'
 28 logging
 29 ran intermediate pipe to 4979'
 30 W.O.C. - T.D. 6588'
 31 drilling out shoe - 6588'
 Aug 1 tripping for new bit 6588'
 2 tripping for new bit 6700'
 3 drilling at 6832'
 4 drilling at 7048'
 5 drilling at 7218'
 6 drilling at 7330'
 7 drilling at 7558'
 8 drilling at 7596'
 9 tripping for new bit 7654'
 10 hole problems T.D. 7654'
 11 drilling at 7815'
 12 drilling at 8029'
 13 drilling at 8150'
 14 drilling at 8389'
 15 drilling at 8472'
 16 T.D. 8500'
 17 clean hole for logs T.D. 8500'
 18 logging T.D. 8500'

FORMATION LOG TOPS

Formation	Depth	Sub-sea Datum
GREEN RIVER	988'	(+4224)
H. MARKER	2948'	(+2264)
I. MARKER	3075'	(+2137)
J. MARKER	3371'	(+1841)
K. MARKER	3577'	(+1635)
L. MARKER	3912'	(+1300)
M. MARKER	3989'	(+1223)
N. MARKER	4053'	(+1159)
WASATCH	4388'	(+ 824)
LOWER WASATCH	6016'	(- 804)
MESA VERDE	6330'	(-1118)
BUCK TONGUE	8438'	(-3226)

DAILY MUD TREATMENT

DATE	GEL	LIME	BAR	BENEX	CYPAN	CAUSTIC	MUD FIBER	CHIP SEAL	GEDAR	DAILY COST	CUMULATIVE COST
6-26	30	1								\$ 100.66	\$ 100.66
6-27	15	2								55.08	155.74
6-28	2		10							41.72	197.46
6-29										-0-	197.46
6-30	36			5	5	2				637.68	835.14
7- 1	73	1		3	2	sawdust 85	22	14	13	836.01	1671.15
7- 2	167	5		frac filler 10		sawdust 405	57	10	mica20-	1559.55	3230.70
7- 3	165			frac filler 11		sawdust 195	caustic 2			758.46	3989.16
7- 4	42			7		4				399.95	4389.11
7- 5	100		mica 52,	5, frac fill,	4	4	45	sawdust 294		1125.85	5514.96
7- 6	151		3	frac fill 10			61	sawdust 375		1324.47	6839.43
7- 7	182		mica 70, seal 35,	frac fill 50,	nut plug 48,	94		sawdust 395		2972.08	9811.51
7- 8	87		mica 18			18	nut plug 18			648.60	10,460.11
7- 9	161		mica 84	frac filler 20		4	nut plug 62			2397.04	12,857.15
7-10	220		mica 92	frac filler, 10,		3, s-dust 189	nut plug 30			3061.88	15,919.03
7-11	66		mica 20	frac filler 5,	s-dust 150-385	20	nut plug 20			891.68	15,919.03 ?
7-12				1		1				68.66	15,987.69
7-13	52			10	5	8	Al.ster. 1	A-202 55gal.		952.28	16,939.97
7-14								A-202 55gal.		287.52	17,227.49
7-15						9				103.36	17,330.85
7-16	69				1	9				384.78	17,715.63
7-17						9				161.41	17,877.04
7-18			Kcl-My-Lo-Gel			9		A-202-55gal.		390.88	18,267.92
Change over to mudded system.....											
	M-L-Gel	Kcl	Dowside-G	Descos	A-202	Gel	Caustic	Lime	Visbest		
7-19	80	60		2	8	1	7			2476.98	20,744.90
7-20	79	78		1	3		7			1574.91	22,319.81
7-21	15	9					6			363.21	22,683.02
7-22	15	9					6			292.71	22,975.73
7-23	21	9				1	2			603.96	23,579.69
7-24	24	9					2			351.27	23,930.96
7-25	18	9					3		10	432.29	24,363.25
7-26			Dicks mud seal 5,		1	45	2		20	922.26	25,285.51
7-27	30					287	2			1433.82	26,719.33
7-28						362	10			1393.13	28,112.46
7-29						65	3			375.60	28,488.06
7-30	None									-0-	28,488.06
7-31	None									-0-	28,488.06

DAILY MUD TREATMENT CON'T.

DATE	M-L-Gel	Kcl	Dowsi-G	Descos	A-202	Caustic	Gel	Lime	Visbest.	Daily Cost	Acumulative Cost
8- 1							133	3	10	\$580.94	\$ 28,488.06
8- 2	75	83	1	8		13	80	pres.-gel		2375.02	29,069.00
8- 3	None									-0-	31,444.02
8- 4	8	15		14	1	4				935.22	32,379.24
8- 5	10	8,salt-gel	45,	4,	Al-ster	1,	5,	gel-pres.1		550.89	32,930.13
8- 6	17	9,salt-gel	114,	12	1	6	" "	4,Al-st	1	1524.33	34,454.46
8- 7	49	16		46		6	gel-pres.1			1978.37	36,432.83
8- 8	16	8		8	1	4	42	Al-st	3	1045.83	37,478.66
8- 9	10	38,sper	20	4		11	44	" "	2	1083.40	38,562.06
8-10		20 sper	2			3	54	" "	1	380.64	38,942.70
8-11		40 sper	4 1		1	20	55			1118.08	40,060.78
8-12	36	24 sper	24	Al-ster	1	13	12			1220.18	41,280.96
8-13	12	8	5	" "	1	4	15			680.32	41,961.28
8-14	22	14 sper	11-1	" "	2	15	45			1498.17	43,458.45
8-15	8	10 sper	5	Al-ster	1	10				802.18	44,260.63
8-16	4	12 sper	3		1	8,199				1241.81	45,502.44
8-17	10	sper	26		1	4				895.79	46,398.23
8-18			vis/quick	7		6,170				712.91	47,111.14

DEAN ST. CLAIR

DRILLING MUD RECAP

Company CHORNEY OIL CO. - PGT
 Well Beehive Unit No. 1-C-24 Field _____
 County NW SW Sec. 24, 9S 23E SLM State _____
 Location Unitah County, Utah Elev. K.B. Ground. _____

DATE	DEPTH	WEIGHT ppg	VISCOSITY		YIELD POINT lb/10053 ft	GELS 0/10 min	pH	API Filtrate ml	Pf ml	Chlorides 1000 ppm	Calcium ppm	Sulfates ppm	SAND % by volume	SOLIDS % by volume	OIL % by volume	WATER % by volume	HTHP 500 psi *F	LCM	P. 1000.44	Calcium	Remarks	
			Funnel API sec	Apparent cp																		
6-26	475		31				9															
27	506		Soft	NO																		
28	506						7			100	120											
29	913	8.4+	30				9+	32		300	60		TR	3.5								
30	1704	8.7	30		2	0/0	9.	N.C.		100	NIL		0	5	0	95					15%	
7-1	1766	8.5	49																			40%
2	1766	8.7	45				9															45%
3	1808	8.6	36				9															3%
4	1808	8.7	45				9															30%
5	1808	8.6	45				10															35%
6	1825	8.7+	65				8															35%
7	1825	8.8	54				8															20%
8	1825		45																			15%
9	1855	8.7	35			3/5	12	19.2		500	NIL											TR
10			40																			
11	1529	8.4	32		2	0/0	11	12.6		1300	60		TR	1		99						
12	1855	8.5	28		2	0/0	10	22		800	80		0	2		98						
* 13	1864	8.5					9.5			1100	NIL											
14	2165	8.5					10			1200	NIL											40
7-15	2810	8.5					9.5			1000	NIL											600
16	3360	8.5					9.5			1800	TR											0
17	4193	8.5	26				9.5			1600	400											0
18	4620	8.6	27				10			2100	40											420
19	4750	8.7	27		0	0/0	9.5	12.2		4100	80		0	2.5		97.5					2000	270
20	5225	8.6+	27		0	0/0	9.5	35.2		2300	40		0	2.0		98.0					200	240
21	5522	8.6+	26		0	0/0	9.5	69.6		2100	40		0	2.0		98.0					TR	180
22	5834	8.6+	26		0	0/0	9.5	140.0		2100	40		0	2.0		98.0					TR	120
23	6142	8.6+	27		0	0/0	9.5	39.6		2900	20		0	2.0		98.0					800	240
24	6488	8.6+	26		0	0/0	9.5	N.C.		2500	20		0	2.0		98.0					450	120
25	6588	8.6+	26		0	0/0	9.5	N.C.		2400	20		0	2.0		98.0					300	180

REMARKS: * TRONA Water Flow (first indication) after Air was induced down the hole. See TRONA Water Analysis Page #

DEAN ST. CLAIR

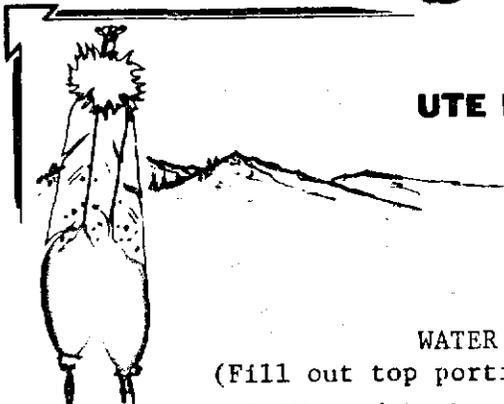
DRILLING MUD REGAP

Company CHORNEY OIL CO. - FGI
 Well Beehive Unit No. 1-C-24 Field _____
 County NW SW Sec. 24, 9S - 23E SLM State _____
 Location Unitah County, Utah E. Lev. K.B. _____ Ground. _____

DATE	DEPTH	WEIGHT PPG	VISCOSITY			YIELD POINT Lb/100 ss. hr	GELS 0/10 min	pH	API Filtrate ml	PF ml	Chlorides 1000 ppm	Calcium ppm	Sulfates ppm	SAND % by volume	SOLIDS % by volume	OIL % by volume	WATER % by volume	HTHP 500 psi °F	Calcium	Potash	KCL	Remarks
			Funnel API sec	Apparent cp	Plastic cp																	
7-26	6588	8.9+	30		1	0/11	9.5	56.4		2400	40		0	4.0		96.0		120	200			
27	6588	9.3	44		11	6/26	9.5	20.8		2400	40		0	7.0		93.0		120	200			
28	NO		check																			
29	NO		check																			
30	NO		check																			
31	6588	8.9+	34		6	3/9	9.5	22.4		2400	40		TR	5.0		95.0						
8-1	6590	8.7+	43		9	6/21	10	9.2		7400	60		.25	3.0		97.0			7000	9		
2	6737	8.8	41		12	9/28	11	8.8		9100	NIL		.5	3.0		97.0			8700			
3	6870	8.9	32		5	4/11	10.5	15.6		7100	NIL		.75	4.0		96.0		600	9440	6.5		
4	7067	8.8	35		7	8/14	11	12.8		10,400	NIL		.75	3.0		97.0		1500	12127			
5	7209	8.8	43		14	10/14	10	15.4		9800	NIL		.50	3.0		97.0		2400	6845			
6	7440	8.8+	36		6	4/8	10.5	8.0		14400	NIL		.50	3.0		97.0		2300	11763	9.8		
7	7575	8.9	44		9	5/11	10.5	8.0		15,300	NIL		.50	3.5		96.0		23000	12490	8.3		
8	7608	8.8	38		4	2/3	10	8.4		9500	NIL		.25	3.0		97.0		23000	8963	4.2		
9	7655	9.0	33		4	2/4	9.5	10.8		13,100	NIL		.125	4.0		96.0		23000	11022	7.2		
10	7655	8.9	35		3	1/3	11.5	14.4		13,200	NIL		.25	3.5		96.5		23000	12100	8.1		
11	7876	8.9	38		3	1/3	12.0	13.4		13,400	NIL		.25	3.5		96.5		23000	11680	7.1		
12	8076	8.9	33		3	1/2	11.0	9.6		12,400	NIL		.125	3.0		97.0		23000	10818			
13	8240	8.9	33		3	1/3	11	10.0		14,300	NIL		.125	3.5		96.0		23000	10809	7.2		
14	8395	8.9+	32		2	2/3	12	14.0		13,100	NIL		.25	3.5		96.25		23000	9491	6.4		
8-15	8566	9.0	40		9	4/11	12	14.0		14,300	NIL		.25	4.0		96.0		23000	12040	8.0		
16	8500	9.0	38		7	3/8	11.5	24.2		11,800	20		.25	4.0		96.0		23000	10612	7.0		
17	8502	9.1	50		16	11/18	11.0	36.0		10,800	20		.25	5.0		95.0		2700	6854	4.8		
18	8566	9.1	38		8	5/9	10.5	30.4		8,400	40		.25	5.0		95.0			5799	3.9		

UTE RESEARCH LABORATORIES

P. O. BOX 119
 FORT DUCHESNE, UTAH 84028
 PHONE 722-2254



WATER SAMPLE FOR CHEMICAL ANALYSIS

(Fill out top portion of page; all blanks must be filled in.)

SAMPLE COLLECTED FROM: (check one)

- Stream
- Spring
- Well
- City or Town water distribution system
- Other (describe) _____

EXACT DESCRIPTION OF SAMPLING POINT: _____

STATE ENGINEER'S APPLICATION OR CLAIM NO. _____

SUPPLY OWNED BY: Magcobar

PRESENT USE OF SUPPLY: _____

PROPOSED USE OF SUPPLY: _____

SAMPLE COLLECTED BY: Sample No. A-094

DATE: 7-11-73

REPORT RESULTS TO: Magcobar

Address: P.O. Box 1167 Vernal, Utah

DO NOT WRITE BELOW DOUBLE LINE

RESULTS OF ANALYSIS

Parameter	Value	Units
Turbidity	32.0	Units
Conductivity	22,000	Micromhos/cm
pH	10.05	
Total Dissolved Solids	33,280	mg/l
Alkalinity (total) as CaCO ₃	21,621	mg/l
Aluminum as Al		mg/l
Arsenic as As		mg/l
Barium as Ba		mg/l
Bicarbonate as HCO ₃	21,601	mg/l
Boron as B		mg/l
Cadmium as Cd	0	mg/l
Calcium as Ca		mg/l
Carbonate as CO ₃	0	mg/l
Chloride as Cl	496	mg/l
Chromium (hexavalent) as Cr	4.15	mg/l
Copper as Cu	.02	mg/l
Cyanide as CN		mg/l
Fluoride as F	0	mg/l
Hardness (total) as CaCO ₃		mg/l
Hydroxide as OH	0	mg/l

Iron (total) as Fe	17.0	mg/l
Iron in filtered sample		mg/l
Lead as Pb	0	mg/l
Magnesium as Mg	1.94	mg/l
Manganese as Mn	.06	mg/l
Nitrate as NO ₃	0	mg/l
Phosphate as PO ₄	.30	mg/l
Phenols as Phenol		mg/l
Potassium as K	45.0	mg/l
Selenium as Se		mg/l
Silica as SiO ₂		mg/l
Silver as Ag	.04	mg/l
Sodium as Na	4800.0	mg/l
Sulfate as SO ₄		mg/l
Surfactant as LAS		mg/l
Zinc as Zn	.71	mg/l

Sample received on _____
 at Ft. Duchesne Salt Lake City

Cash received with sample \$ 0

ppm

< 500
 Total Dissolved Solids
 21,601

HUGHES BIT RECORD

MADE IN U.S.A. SHEET OF _____ FILE NUMBER _____

FIELD UINTAH RED WASH		STATE UTAH		X 1 IF OFFSHORE	SECTION 24	TOWNSHIP 9 S	RANGE 23 E	OPERATOR Chorney Oil Company		X (1)		
CONTRACTOR Pioneer Drilling Co.			RIG NO. 6	LOCATION NW, SW, S24, T9S, R23E.			WELL NO. 1-C	SPUD 24 6-26	US 73	INTER	TOTAL DEPTH DATE 8500	TOOL PUSHER Glen Ross
GIVE SIZE & TYPE	1.	O.D.	DRILL COL.	NO.	D.D.	I.D.	PUMPS	1.	LINER	DRAWWORKS & POWER	FUEL	WATER
2.	O.D.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
AREA			STOCKPOINT NO.	DO NOT USE		STATE	ZONE	COUNTY	CONTRACTOR	OPERATOR	DATE	PURCHASER

DO NOT USE			NO.	SIZE	MAKE	TYPE	JET 3/2ND IN	SERIAL	DEPTH OUT	FEET	HOURS	FT HR	ACCUM DRLG. HRS.	WT. 1000 LBS.	R P M	VERT. DEV.	PUMP PRESS	S P M		MUD			DULL. COND.				FORMATION CALL DATES REMARKS
TYPE	WC	1																2	WT.	VIS.	W.L.	T	B	G	OTHER		
			1	12 1/4		OSC 3J			506	506																	
			2	7 7/8		DTJ			1466	960																	
			3	7 7/8		F 4			1808	342																	
			4	8 3/4		DGTJ			Reamed only																		
			5	8 3/4		ODV			1987	179																	
			6	8 3/4		FP62J			6588	4601																	
			7	8 3/4		FP62J			-0-	-0-																	
			8	8 3/4		J44			6608	20																	
			9	6 1/4		SV2			6737	129																	
			10	6 1/4		F5			7113	505																	
			11	6 1/4		M88			7218	105																	
			12	6 1/4		F5			7583	365																	
			13	6 1/4		J55			7600	17																	
			14	6 1/4		V2J			7655	55																	
			15	6 1/4		F5			8051	396																	
			16	6 1/4		M88			8396	345																	
			17	6 1/4		J55 Reran Bit # 13			8500	104																	

SAMPLE DESCRIPTION
(Depths Not Corrected for Lag)

From	To	Feet	Description
			Samples start at 500'
500	530	30	Cement plug out from under surface pipe
530	580	50	Sandstone white to clear, medium to fine grained, angular to sub-angular, abundant glauconite, calcareous, silty with traces of brown limestone dense micro to crypto crystalline
580	585	5	Limestone, brown dense micro-crypto crystalline
585	630	45	Sandstone, white to clear, angular to sub-angular, medium to fine grained, calcareous in part, quartzitic, trace of glauconite.
630	645	15	Sandstone as above with shale, grey to green, soft & waxy
645	710	65	Shale as above, with traces of limestone, cream to brown, dense.
710	735	25	Sandstone, white to clear, medium to fine grained, sub-rounded, very quartzitic, with some pink to brown sandstone.
735	760	25	Sandstone as above with 10 to 20% light grey shale, soft & waxy.
760	775	15	Shale, light grey, soft, waxy.
775	790	15	Sandstone as above.
790	800	10	Shale as above, silty.
800	815	15	Sandstone as above with a trace of limestone as above
815	830	15	Shale, light grey, soft, waxy, silty.
830	900	70	Shale, grey to green to a trace of brown, soft & waxy with grey silty sandstone, some clear quartzitic sandstone, silty.
900	910	10	No sample
910	915	5	Sandstone grey to white, medium to fine grained, very calcareous with traces of chert.

SAMPLE DESCRIPTION CONT'D.

915	930	15	Sandstone as above with limestone, brown, dense, crystalline.
930	950	20	Sandstone as above with a trace to some shale, soft, waxy.
950	965	15	Limestone, brown, dense, micro to crypto crystalline.
965	975	10	Sandstone, grey to white, salt & pepper, medium to fine grained, very calcareous, trace of chert with grey silty sandstone, trace of gilsonite.
975	1000	25	Sandstone, white to clear, pinkish, quartzitic, medium to fine grained, angular to sub-angular, very calcareous with a trace of brown dense limestone.
TOP OF GREEN RIVER 988' (+4224)			
1000	1020	20	Limestone brown, dense, crystalline with a trace of oil shale.
1020	1095	75	Sandstone white to clear to grey, medium grained, very quartzitic, angular to sub-angular, calcareous in part, abundant glauconite, trace of gilsonite & bentonite.
1095	1120	25	Sandstone white to clear to grey, medium to fine grained, calcareous with trace of brown limestone, dense & crystalline.
1120	1170	50	Sandstone white to clear to brown, fine to very fine grained, calcareous to limy, with a trace to some oil shale, trace of glauconite-gilsonite.
1170	1180	10	No sample
1180	1200	20	Sandstone as above.
1200	1235	35	Limestone cream to brown, dense, crystalline.
1235	1250	15	Sandstone grey to clear to brown, medium to very fine grained, angular to sub-angular, calcareous to limy, trace of glauconite, a trace of very silty greyish sandstone, some gilsonite.
1250	1310	60	Sandstone as above, with a trace to 10% limestone, cream to brown, dense, crystalline.
1310	1325	15	Limestone as above.

SAMPLE DESCRIPTION CONT'D.

1325	1370	45	Sandstone as above with a trace of brown stain, no fluorescence, faint yellow cut from select pieces.
1370	1375	5	Limestone as above.
1375	1450	75	Sandstone white to clear, medium to fine grained, angular to sub-angular, limy, trace of glauconite-gilsonite, trace of pyrite, some limy oil shale.
1450	1475	25	Sandstone as above with 50% limestone, cream to brown, soft, firm, dense crystalline.
1475	1500	25	Limestone as above with sandstone trace to 10% as above.
1500	1530	30	Limestone as above grading to limy oil shale.
1530	1704	174	Oil shale dark brown, firm, brittle, grading to limestone, some fluorescence and cut.
1704	1766	62	Lost circulation, no returns.
1766	1808	42	Depth correction.
1808	1850	42	No returns.
1850	1870	20	Limestone with 10% oil shale as above.
1870	1880	10	No sample.
1880	1910	30	5% oil shale, limestone as above.
1910	1930	20	No sample.
1930	1940	10	70% oil shale, 30% limestone.
1940	1990	50	No sample.
1990	2260	270	Oil shale.
2260	2270	10	Oil shale as above with a trace of sandstone, white to grey, salt & pepper, very fine grained, calcareous.
2270	2310	40	Oil shale.
2310	2320	10	Oil shale with a trace of sandstone as above.
2320	2340	20	Limestone cream to tan, firm, dense, micro-crypto crystalline.
2340	2520	180	Oil shale, dark brown, firm, brittle, dense, limy, grading to limestone.

SAMPLE DESCRIPTION CONT'D.

2520	2530	10	Oil shale as above with traces of sandstone, white to grey, very fine grained, silty, hard & tite, no show.
2530	2630	100	Oil shale as above grading to limestone.
2630	2640	10	Oil shale as above with traces of grey sandstone, very fine grained, silty, no show.
2640	2680	40	Oil shale as above with a trace to 10% soft silty grey shale.
2680	2690	10	No sample.
2690	2780	90	Oil shale dark brown, dense, firm, grading to limestone with 10% grey silty sand & shale.
2780	2790	10	No sample.
2790	2830	40	Oil shale as above.
2830	2850	20	No sample.
2850	2940	90	Oil shale dark brown, firm, brittle, dense, grading to limestone.
2940 TOP OF H MARKER 2948	2960 (+2264)	20	Sandstone grey to light grey, very fine grained, calcareous, silty, hard & tite, no show.
2960	2990	30	Oil shale as above with a trace of silty sandstone as above.
2990	3010	20	No sample.
3010	3030	20	Shale as above with grey to salt & pepper sandstone, very fine grained, angular, calcareous, very hard & tite, no show.
3030 TOP OF I MARKER 3075	3090 (+2137)	60	Oil shale as above with very silty, sandy grey shale.
3090	3110	20	Limestone cream, soft to firm, dense micro-crypto crystalline with a trace of oil shale, limestone matrix with ostracods.
3110	3140	30	Limestone as above with some oil shale as above.
3140	3150	10	Sandstone white to clear, salt & pepper, fine to very fine grained, angular, calcareous, clean, no show.

SAMPLE DESCRIPTION CONT'D.

3150	3170	20	Sandstone as above with shale, grey, soft to firm, silty and oil shale with limestone.
3170	3180	10	Shale, grey, firm to soft, waxy, silty with 50% sandstone as above.
3180	3190	10	Mostly shale as above with some grey silty sandstone.
3190	3200	10	No sample.
3200	3230	30	Sandstone grey, very fine grained, angular, some white to clear, fine to very fine grained, hard & tite, no show, with oil shale to limestone and some grey soft waxy shale.
3230	3250	20	Sandstone as above with an increase in silt & oil shale.
3250	3260	10	Sandstone white to grey, salt & pepper, fine to very fine grained, angular, friable in part, hard & tite, no show.
3260	3270	10	Shale grey, soft, waxy with traces of oil shale & sandstone as above.
3270	3290	20	Sandstone & shale as above.
3290	3320	30	Oil shale with soft grey silty shale.
3320	3340	20	Oil shale, dark brown, firm, brittle, fractured in part.
3340	3350	10	Oil shale as above, with 10% sandstone, grey, fine to very fine grained, hard & tite, some pyrite.
3350	3360	10	Sandstone white to clear & grey, salt & pepper, fine to very fine grained, angular, calcareous in part grading to siltstone.
3360	3370	10	Sandstone as above with traces of oil shale & soft grey waxy shale.
3370	3380	10	No sample.
TOP OF J MARKER 3371 (+1841)			
3380	3390	10	Limestone matrix with ostracods, 20% shale, grey, soft, silty, waxy, some oil shale.
3390	3410	20	Sandstone grey to white to clear, fine grained, calcareous, grey sandstone, very silty.

SAMPLE DESCRIPTION CONT'D.

3410	3430	20	Shale grey, soft, waxy as above with ostracods & sandstone as above
3430	3440	10	Limestone matrix, ostracods.
3440	3450	10	Oil shale dark brown, firm, brittle, fractured in part.
3450	3490	40	Sandstone white to clear with some grey, salt & pepper, fine to very fine grained, slightly calcareous, grey sandstone, very calcareous & silty, no show.
3490	3500	10	Sandstone as above with 10% grey, soft, waxy shale.
3500	3750	250	No samples due to under balanced water & air combination.
TOP OF K MARKER 3577	(+1635)		
3750	3800	50	Shale grey, soft to firm blocky, limy, very silty, grading to very fine sandstone.
3800	3880	80	Shale grey, soft to firm, blocky, limy, very silty, grading to sandstone.
3880	3900	20	Oil shale, dark brown, firm, brittle, fractured in part, grading to limestone.
3900	3910	10	Oil shale as above with 40% soft, grey, silty shale, grading to siltstone.
3910	3930	20	Oil shale as above.
TOP OF L MARKER 3912	(+1300)		
3930	3950	20	No sample.
3950	3980	30	Oil shale with some soft grey, waxy shale.
3980	4000	20	Oil shale, fractured in part.
TOP OF M MARKER 3989	(+1223)		
4000	4020	20	No sample.
4020	4040	20	Oil shale as above.
4040	4050	10	No sample.
4050	4060	10	Oil shale as above
TOP OF N MARKER 4053	(+1159)		
4060	4080	20	Shale grey, soft, silty, waxy with very silty grey sandstone.
4080	4100	20	Oil shale, dark brown, firm, brittle, limy, grading to limestone.

SAMPLE DESCRIPTION CONT'D.

4100	4130	30	Oil shale as above, with sandstone, white to clear to grey, fine to very fine grained, calcareous, friable in part, no show, siltstone, dark grey to green, very calcareous, & shale, grey to green, soft, waxy, silty.
4130	4140	10	No sample.
4140	4150	10	Oil shale as above, fractured in part.
4150	4180	30	50% oil shale as above with 50% soft grey shale grading to grey, silty sandstone, calcareous, no show, trace of white to clear sandstone, very quartzitic, argillaceous, angular, friable in part, no show.
4180	4200	20	Sandstone white to clear fine grained, sub-rounded, quartzitic, argillaceous, calcareous, friable in part, no show.
4200	4230	30	Oil shale, dark brown, firm, brittle, limy to limestone.
4230	4250	20	Shale, grey, soft, waxy, very silty with traces of ostracods.
4250	4260	10	Oil shale as above.
4260	4300	40	Shale, dark, grey-brown, firm to soft, limy in part, very silty, interbedded with oil shale, trace of ostracods.
4300	4320	20	Oil shale as above.
4320	4340	20	Limestone cream, soft to firm, dense, crystalline with a trace of ostracods.
4340	4350	10	Oil shale with some grey, soft, silty shale.
4350	4370	20	Shale, grey, soft, waxy, silty, with some dark grey-brown shale, limy to limestone, grey shale grading to siltstone.
4370	4390	20	Limestone, cream to brown, soft to firm, dense micro to crypto crystalline.
TOP OF WASATCH 4388	(+ 824)		
4390	4570	180	Shale, vari-colored, variegated, soft, waxy, silty to sandy in part.
4570	4580	10	Sandstone, white to clear, very fine grained, angular, argillaceous, very silty, no show, with a trace of oil shale.
4580	4630	50	Shale vari-colored as above with red, very calcareous.

SAMPLE DESCRIPTION CONT'D.

4630	4640	10	No sample.
4640	4700	60	Shale vari-colored, variegated, soft, waxy, silty to sandy with red, very calcareous siltstone.
4700	4730	30	Shale vari-colored, variegated, soft, waxy, silty to sandy.
4730	4760	30	Sandstone, white to clear, fine grained, angular to sub-angular, calcareous in part with spotty brown stain, dull yellow fluorescence, yellow-bluish free streaming cut; last 10' very clay filled & silty with traces of pyrite; silt is grey, very fine grained, very calcareous.
4760	4810	50	Shale vari-colored, variegated, soft, waxy, sandy to silty with siltstone, red, very calcareous, sandy in part.
4810	4830	20	No sample.
4830	4850	20	Shale vari-colored, variegated, soft, waxy, less silty & sandy.
4850	4860	10	No sample.
4860	4880	20	Shale vari-colored as above.
4880	4890	10	Sandstone, white to clear, fine to very fine grained, subangular, clean, no show.
4890	4900	10	Shale as above.
4900	4910	10	Sandstone as above, sub rounded with traces of silty shale, grey, soft, waxy.
4910	4930	20	No sample.
4930	4940	10	Sandstone as above, sub rounded.
4940	5000	60	Shale as above with 40% sandstone as above.
5000	5010	10	Shale vari-colored, variegated, soft, waxy, very silty to sandy.
5010	5020	10	Shale as above with abundant siltstone, red, very calcareous.
5020	5030	10	Shale as above with a trace to 10% of limestone, cream to brown to grey, firm, dense, crystalline.
5030	5090	60	Shale vari-colored as above.

SAMPLE DESCRIPTION CONT'D.

5090	5100	10	Shale as above with abundant siltstone, as above.
5100	5150	50	Shale vari-colored, variegated, soft, waxy, silty in part with a trace of dark grey firm blocky shale.
5150	5160	10	Shale vari-colored, variegated, soft, waxy, silty to sandy.
5160	5170	10	No sample.
5170	5190	20	Shale as above.
5190	5220	30	No sample.
5220	5230	10	Shale vari-colored, variegated, soft, waxy with red, very calcareous, sandy, siltstone.
5230	5250	20	Shale as above with sandstone, white to clear, fine to very fine grained, angular to subangular, argillaceous to clay filled, sand not very well developed, no show.
5250	5300	50	Shale vari-colored, variegated, soft, waxy, sandy & silty with a trace of limestone in the last 10'.
5300	5310	10	No sample.
5310	5340	30	Shale as above with sandstone, white to clear, fine to very fine grained, angular to subangular, quartzitic, argillaceous to clay filled, calcareous in part, no show.
5340	5350	10	Shale as above with an increase in sandstone as above.
5350	5370	20	Shale vari-colored, variegated, soft, waxy, silty.
5370	5380	10	Sandstone, white to clear, angular, very fine grained, very uniform, slightly calcareous, trace of clay fill. No show.
5380	5400	20	Shale as above.
5400	5420	20	Shale as above with sandstone as above, 50%.
5420	5440	20	Shale as above, less sandstone.
5440	5460	20	Shale as above with some limestone, brown, dense, crystalline.

SAMPLE DESCRIPTION CONT'D.

5460	5470	10	No sample.
5470	5500	30	Shale vari-colored, variegated, soft, waxy, silty.
5500	5520	20	Shale as above, becoming more silty, with sandstone as above.
5520	5570	50	Shale vari-colored, variegated as above with an increase in grey to brown more firm shale.
5570	5580	10	Shale as above with an increase in silty sandstone as above.
5580	5600	20	Shale as above less silty & sandy.
5600	5620	20	Shale predominately grey to brown, firm to soft; some vari-colored, variegated shale as above, with 30% sandstone white to clear, angular, very fine grained, silty, clay filled in part.
5620	5680	60	Shale vari-colored, variegated, soft, waxy, silty.
5680	5690	10	Sandstone white to clear to greyish, very fine grained, sub rounded, argillaceous, slightly calcareous, no show.
5690	5700	10	No sample.
5700	5720	20	Shale, grey, light & dark, firm, blocky & fissile with some vari-colored shale as above.
5720	5730	10	Sandstone white to clear, very fine grained, slightly calcareous, argillaceous to very clay filled, clustered in part, no show.
5730	5760	30	Shale as above with an increase in silty & sandy shale.
5760	5790	30	Shale vari-colored, variegated, soft, waxy, with dark to light grey shale as above.
5790	5810	20	Shale vari-colored, variegated as above, less dark grey shale.
5810	5820	10	Shale as above with some dark brown dense crystalline limestone.
5820	5890	70	Shale vari-colored, variegated, soft, waxy, silty.

SAMPLE DESCRIPTION CONT'D.

5890	5900	10	Shale as above, with an increase in light to dark grey shale, soft to firm, silty in part.
5900	5950	50	Shale red to grey, light & dark, some variegated, waxy, very calcareous, soft to firm, with a trace of grey sandy silty shale, blocky & fissile in part.
5950	5960	10	Shale mostly light to dark grey with some vari-colored shale as above.
5960	5980	20	Sandstone clear to white to greyish, very fine, angular to subangular, calcareous in part, argillaceous in part, no show. Last 10' very silty with abundant shale as above.
5980	6010	30	Shale as above with abundant sandstone, white to clear, fine to very fine grained, subangular, calcareous, clay filled, hard & tite.
6010	6050	40	50% shale as above with 50% sandstone as above
TOP OF LOWER WASATCH			
6016	(- 804)		
6050	6070	20	Shale grey to green, soft to firm, silty.
6070	6080	10	Sandstone white to clear, salt & pepper, fine to very fine grained, angular, calcareous, quartzitic, no show; trace of porosity, some greenish sandstone.
6080	6090	10	Limestone, dark brown, dense, crystalline.
6090	6110	20	Shale as above, very silty & sandy.
6110	6190	80	Shale vari-colored, variegated, soft, waxy, silty with dark to light grey firm shale.
6190	6260	70	Sandstone white to clear, salt & pepper, medium to very fine grained, subangular to sub rounded, very calcareous, argillaceous, trace of mineral fluorescence, no cut.
6260	6270	10	No sample.
6270	6280	10	Sandstone as above, fine to very fine grained.
6280	6290	10	Sandstone as above, very silty with some clay filling.

SAMPLE DESCRIPTION CONT'D.

6290	6300	10	Sandstone as above with a trace of coal, no show.
6300	6310	10	Sandstone white to clear, fine grained, sub rounded, quartzitic, argillaceous, no visible fluorescence on cut, trace of porosity & permeability.
6310	6320	10	Sandstone as above, slightly calcareous, no show.
6320	6330	10	Sandstone as above, clustered in part, some spotty brown stain, bright blue fluorescence with free streaming bluish cut, 10% porosity.
6330	6335	5	Sandstone as above more pieces with stain, fluorescence & cut.
6335			Circulate one hour.
6335	6340	5	Sandstone as above with a very few select pieces with stain, fluorescence & cut.
6340	6350	10	Sandstone as above, no show, very calcareous & very clay filled.
6350	6400	50	Sandstone, white to clear, salt & pepper, medium to very fine grained, angular to subangular, argillaceous in part, very calcareous with a trace of glauconitic sandstone, 40% shale.
6400	6440	40	Sandstone 70% as above with traces of coal in all samples; shale 30%, varicolored, variegated, soft & waxy with light & dark shale, silty to sandy.
6440	6510	70	Sandstone white to clear, salt & pepper, very fine grained, angular to subangular, argillaceous to clay filled, very silty with various amounts of shale as above.
6510	6520	10	Sandstone & shale as above with pyrite & traces of coal.
6520	6540	20	Sandstone & shale as above.
6540	6570	30	Coal, black & pyrite.
6570	6588	18	Sandstone, shale & coal as above.
6588			Circulate out, clean up hole for logs.
6588	6630	42	No samples.

SAMPLE DESCRIPTION CONT'D.

6630	6670	40	All cavings from up the hole.
6670	6680	10	Shale, vari-colored, variegated, soft, waxy, silty.
6680	6700	20	Shale as above with 10% sandstone, white to clear, salt & pepper, medium to fine grained, angular, quartzitic, slightly calcareous, some clay filling.
6700	6710	10	Limestone, cream to brown, firm to soft, dense, crystalline.
6710	6720	10	Shale & sandstone as above.
6720	6740	20	Shale, light to dark brown, soft to firm, sandy, carbonaceous, blocky.
6740	6750	10	No sample.
6750	6780	30	Shale as above with traces of sandstone & coal.
6780	6800	20	Sandstone white to clear, fine to very fine grained, quartzitic, calcareous, with some grey sandstone, very fine grained, very calcareous, no show, trace of coal.
6800	6810	10	Limestone, cream to brown, dense, crystalline.
6810	6830	20	Sandstone as above with 50% shale as above.
6830	6840	10	Coal - black & pyrite.
6840	6880	40	Sandstone as above, medium to fine grained, 60% shale, light to dark grey, firm to soft, blocky to fissile.
6880	6900	20	Shale & sandstone as above with abundant coal.
6900	7000	100	Sandstone, white to clear, salt & pepper, medium to fine grained, angular, quartzitic, some clay fill, trace of glauconite, trace of coal, no show; 50% shale light to dark, soft to firm, blocky.
7000	7010	10	Shale as above.
7010	7020	10	Sandstone, white to clear, medium to fine grained, angular, calcareous in part, no show.

SAMPLE DESCRIPTION CONT'D.

7020	7100	80	Shale as above, with abundant cavings.
7100	7140	40	No sample.
7140	7150	10	Limestone matrix, ostracods & terratella.
7150	7170	20	Shale as above 40%, 60% sandstone as above.
7170	7180	10	Sandstone as above, no show.
7180	7200	20	Limestone, dark brown, dense, crystalline.
7200	7210	10	No sample.

NOTE: SAMPLES TO T.D. ARE OF POOR QUALITY

7210	7260	50	Shale dark grey to dark brown, firm, carbonaceous, sandy, blocky, trace of sandstone, white to clear, fine to very fine grained, angular, calcareous, friable, clean, no show.
7260	7300	40	Sandstone white to clear, salt & pepper, medium to fine grained, angular to subangular, very calcareous, some clay filling, trace of glauconite, coaly, some brown stain, spotty fluorescence, yellow streaming cut from select pieces, trace to 10% porosity & permeability.
7300	7320	20	Shale dark grey to dark brown, firm, sandy, carbonaceous, blocky.
7320	7340	20	Sandstone white to clear, salt & pepper, medium to fine grained, angular, clay filled, coaly, trace of glauconite, some stain fluorescence & cut from select pieces.
7340	7400	60	Shale dark grey to dark brown, firm, sandy, carbonaceous, blocky, coaly in part.
7400	7410	10	Limestone, cream to brown, soft to firm, dense, crystalline.
7410	7440	30	Sandstone white, salt & pepper, medium to very fine grained, angular, very calcareous, very clay filled, no fluorescence, stain, cut, coaly in part.
7440	7480	40	Shale, as above.
7480	7500	20	Sandstone as above, with a trace of stain from a very few select pieces, free streaming yellow cut.

SAMPLE DESCRIPTION CONT'D.

7500	7510	10	Shale as above.
7510	7520	10	Sandstone as above, no show.
7520	7540	20	Shale as above.
7540	7550	10	Sandstone, clear, very fine grained, sub rounded, clustered, friable, slightly calcareous, slight clay filling, very clean, no show, trace of coal.

TRACES OF RED SILTSTONE THROUGH-OUT

7550	7560	10	Shale dark grey to dark brown, firm, sandy, very carbonaceous to coaly.
7560	7570	10	Limestone cream to brown, soft to firm, dense, crystalline.
7570	7650	80	Shale, as above with some sandstone, white to grey to brown, fine to very fine grained, angular to subangular, calcareous, some clay filling, grading to light grey silty sandstone.
7650	7660	10	Sandstone as above, no show.
7660	7750	90	Shale as above with varying amounts of 10 to 30% sandstone as above.
7750	7770	20	Sandstone white to clear, fine to very fine grained, subangular, calcareous, clay filled, with shale as above.
7770	7820	50	Shale as above with 50% sandstone as above.
7820	7830	10	Limestone, cream, firm, dense, crystalline.
7830	7860	30	Sandstone, clear to brownish, fine to very fine grained, sub round, very calcareous, trace of glauconite, no show with 10 to 20% shale as above.
7860	7870	10	Shale, dark grey to dark brown, firm, sandy, very carbonaceous to coaly.
7870	7880	10	Coal.
7880	7910	30	Shale as above.
7910	7930	20	No sample.
7930	7940	10	Coal.
7940	7950	10	50% shale as above, 50% sandstone, white to clear, salt & pepper, fine to very fine grained, sub rounded, calcareous in part, very clay filled in part, mineral fluorescence, no show.

SAMPLE DESCRIPTION CONT'D.

7950	7970	20	Sandstone as above, no show.
7970	8000	30	Shale as above.
8000	8010	10	Shale as above with 30% sandstone as above, no show.
8010	8020	10	Shale as above.
8020	8040	20	No sample.
8040	8050	10	Sandstone white to clear, fine to very fine grained, subangular, slightly calcareous, trace of clay fill, clustered & friable in part, no stain, fluorescence or cut.
8050	8100	50	Shale as above, very coaly.
8100	8110	10	Sandstone as above, abundant coal.
8110	8120	10	No sample.
8120	8140	20	Shale as above with sandstone as above.
8140	8160	20	Sandstone as above with an increase in clay filling, no show.

ABUNDANT CAVINGS

8160	8200	40	Shale as above.
8200	8230	30	Sandstone & shale as above, no show.
8230	8250	20	Shale as above with 10% sandstone.
8250	8300	50	Shale, dark grey to dark brown, firm, coaly, sandy, very carbonaceous to coaly.
8300	8380	80	Shale as above with 20 to 40% sandstone white to clear, fine to very fine grained, angular to subangular, slightly calcareous, trace of clay fill, spotty stain - fluorescence with very slow soak (halo) cut.
8380	8390	10	Shale dark grey to dark brown, firm, sandy, very carbonaceous to coaly.
8390	8400	10	Sandstone, clear with some white, fine to very fine grained, sub rounded, slightly calcareous, some clay fill, some brown stain from select pieces with a few that cut free streaming yellow cut.

SAMPLE DESCRIPTION CONT'D.

8400	8410	10	No sample.
8410	8450	40	Sandstone, white to clear, salt & pepper, fine to very fine grained, sub rounded, slightly calcareous, trace of clay fill, some brown stain, trace of fluorescence & very faint soak cut from select pieces.
TOP OF BUCK TONGUE			
8438	(- 3226)		
8450	8470	20	Shale dark grey to dark brown, firm, calcareous, sandy, carbonaceous to coaly.
8470	8490	20	Sandstone as above, halo soak cut as above.
8490	8500	10	Sandstone as above with 50% shale as above, trace of brown to tan shale; looked like cavings from up the hole, evidently this was Buck Tongue coming up in the samples.
8500	T.D.		Circulate out for logs. Circulated samples as above with abundant cavings.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R336.5.

FIELD OFFICE Utah
LEASE NUMBER 0141694A
UNIT _____

PI
JL

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field (South Red Wash Area)

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1973, Beehive Unit

Agent's address 401 Lincoln Tower Building Company CHORNEY OIL COMPANY
Denver, Colorado 80203 Signed John T. Galt

Phone 303/573-5858 Agent's title Vice President - Operations

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS Produced	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW SW Sec. 24	9S	23E	1- C-24	0	0	-	14,750*	-	0	*Gas flared to atmosphere while testing after frac treatment. Purchased 633.26 bbls. crude-condensate for use in frac treatment; 487.5 bbls. recovered to date. SI - BHP Buildup

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1930)

GPO 837-835

PTS
CF

AFFIDAVIT - OIL OWNERSHIP

Office Use Only

STATE OF Colorado)
City &) SS
COUNTY OF Denver)

Farm No. :
District :
Acct. No. :
Flac No. :
Regulatory No.:

Sam T. Boltz, Jr., of lawful age, being first duly sworn, states that he is Vice President - Operations of Chorney Oil Company with offices at 401 Lincoln Tower Bldg, Denver, CO, that he knows of his own personal knowledge that 633.26* net barrels of merchantable oil, with a corrected gravity of 30.9° taken from the Beehive Unit Well No. 1-C-24 Lease, located in Section 24, Township 9S, and Range 23E or SIM Survey, County of Uintah, State of Utah on the 16th day of October, 1973, by Weiss Trucking, Inc., Acct. of Amoco Production Co., was owned in its entirety by (Purchaser or pipe line gatherer) Chorney Oil Company as operator of said lease.

The aforementioned quantity was previously received on the 3 - 4 day of October, 1973, from USA Pan-Am No. 1 Lease, County of Uintah, State of Utah, or purchased from Weiss Trucking, Inc., for operating and/or development purposes. (Attach copy of invoice(s) of oil used.)

It is requested that payment be made to Chorney Oil Company without deduction of any kind, for the above quantity of oil used. (Company or Individual)

The affiant further states that all taxes and other obligations against the above quantity of oil have been or will be paid when due and agrees to indemnify and hold harmless Amoco Production Company from and against any and all loss, costs, damages and/or expenses of any nature that it might suffer on account of having made the above requested payment.

Sam T. Boltz, Jr.
(Signature)

SUBSCRIBED and sworn to before me a Notary Public in and for said County and State this 20th day of November, 1973.

Shirley M. Legner
Notary Public

My Commission Expires: January 25, 1975.

WELLS TRUCKING, INC.

BOX "0"
 P. O. BOX
 TELEPHONE (801) 789-3498 TELEPHONE (307) 682-4833 OFFICE
 VERNAL, UTAH 84078 GILLETTE, WYOMING 82716

DATE 10/3/73	TRUCK NO. 391	TRAILER NO. #2	REQ. OR PROJ. NO. 13775	ORDER NO.	B/L NO.	TEMP. LOADED TRUCK	TEMP. LOADED TRAILER
ORIGIN Ashley Field					INVOICE NO. W 002433		
SHIPPER Clinton Oil Company					TRANSPORTER OF PETROLEUM & PETROLEUM PRODUCTS, BULK COMMODITIES, FIELD MACHINERY, EQUIPMENT & SUPPLIES - UTAH, WYOMING, COLORADO, NEW MEXICO, ARIZONA, NEVADA, CALIFORNIA.		
CONSIGNEE Gorney Oil					<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED Gorney Oil Co. </div>		
DESTINATION Gorney IC-2h OR 573h 100% PTS							
TRIP TIME	UNLOAD TIME	LOAD TIME	WAITING TIME	TOTAL TIME	DATE	10/3/73	
					Gorney Oil Co.		
<input type="checkbox"/> PUMP <input type="checkbox"/> HELPER <input type="checkbox"/> MISC. <input type="checkbox"/> PRESS/PNEU <input type="checkbox"/> DETENTION							
QUANTITY	COMMODITY		WEIGHT	TEMP.	GRAVITY		
	Fuel Oil		633.26	114.33	26	0	4.38
	Trucking From Ashley Field to Gorney IC-2h					0	23.65
							3,090.31
							431.61
TOTAL INVOICE						3,521.92	
CONSIGNEE		LOADER	DRIVER		DISPATCHER		
S/		S/	<i>Coc - Don Conant</i>				
					TIME IN		
					TIME OUT		
					TOTAL TIME		

DO NOT WRITE IN THIS AREA

ICC REGULATIONS REQUIRE PAYMENT OF THIS BILL IN 7 DAYS

INVOICE

Amoco Production Company

LEASE RENT TICKET

QUANTITY *Charles D. C.*
 LEASE NAME *WSP Production #1*
 TICKET NO. *1102*
 DAY YEAR MONTH NO. *10/3/73*
 LEASE NO. *23981*
 WITNESS NO. *107*
 ROUTE NAME *WSP*
 TANK SIZE *4500*
 OIL LEVEL: FT. *87* IN. *01* GRAVITY *28.45*
 ESTIMATED BARRELS *107*
 RECEIPT POINT CODE *207*
 PRICE CODE *4975*
 OBSERVED WT. & TEMP. *319.80* *4975*
 OIL RECEIVED *WSP Production IC-2h*
 TRUCKED BY *WSP Production*
 TURNED ON *8:00 AM*
 WITNESSES *WSP Production*
 SHUT OFF *0765*
 WITNESS OF W. STATE *WSP Production*
 REMARKS *WSP*

OIL COVERED BY THIS RENT TICKET IS CERTIFIED TO BE RECEIVED BY Amoco Production Company ON THE FIRST DATE ABOVE.
 WHITE COPY TO TULSA OFFICE
 PINK COPY TO WITNESS
 CONTRACTOR COMPLETE ALL ITEMS PRINTED IN RED
 GREEN COPY TO CONTRACTOR

Amoco Production Company

TANK TRUCK RUN TICKET

OPERATOR *Clinton Oil Co.*

LEASE NAME *25A Raw Com #1*

NO.	DAY	YEAR	DISTRICT NO.	TICKET NO.
10	4	73		1131
TANK NO.			LEASE NO.	
63299			23981	
R. S. NO.		ROUTE CODE	WORKED	CHECKED

TANK SIZE	GA.	OIL LEVEL			TEMP.	STROG BARRELS
H-500		FT.	IN.	3/4 IN.		416.22
ESTIMATED BARRELS	1st.	150	0.	82		202.75
RECEPTION POINT CODE	2d.	86	2.	75		
PRICE CODE	OBSERVED GY. & TEMP		TRUE GY.			
	31.9 0.75		51.25			
	R. S. & W.		%			
	0.2					

OIL TANKER TO *Bechtel 10 24 Cherry*

OIL TRUCKER BY *Winn Trucking Inc*

TURNED ON

FOR Amoco Production Company	TIME
<i>Winn Trucking</i>	8:00 A.M.
WITNESS (OR WAIVER NO.)	OFF SEAL
<i>Duncan</i>	0763

SHUT OFF

FOR Amoco Production Company	TIME	DATE
<i>Winn Trucking</i>	10:00	4/24/73
WITNESS (OR WAIVER NO.)	ON SEAL	
<i>Duncan</i>	0767	

REMARKS *FRA*

OIL COVERED BY THIS RUN TICKET IS CONSIDERED TO BE RECEIVED BY Amoco Production Company ON THE FIRST DATE SHOWN ABOVE.

WHITE COPY TO TULSA OFFICE
PINK COPY TO WITNESS
GREEN COPY TO CONTRACTOR
ALL OTHER COPIES TO BE DESTROYED

Amoco Production Company

TANK TRUCK RUN TICKET

OPERATOR *Clinton Oil Co.*

LEASE NAME *25A Raw Com #1*

NO.	DAY	YEAR	DISTRICT NO.	TICKET NO.
10	3	73		1130
TANK NO.			LEASE NO.	
105			23951	
R. S. NO.		ROUTE CODE	WORKED	CHECKED

TANK SIZE	GA.	OIL LEVEL			TEMP.	STROG BARRELS
H-500		FT.	IN.	3/4 IN.		1802
ESTIMATED BARRELS	1st.	150	4.	82		312.57
RECEPTION POINT CODE	2d.	87	2.	75		
PRICE CODE	OBSERVED GY. & TEMP		TRUE GY.			
	31.7 1.75		51.25			
	R. S. & W.		%			
	0.2					

OIL TANKER TO *Bechtel 10 24 Cherry*

OIL TRUCKER BY *Winn Trucking Inc*

TURNED ON

FOR Amoco Production Company	TIME
<i>Winn Trucking</i>	8:00 A.M.
WITNESS (OR WAIVER NO.)	OFF SEAL
<i>Duncan</i>	0762

SHUT OFF

FOR Amoco Production Company	TIME	DATE
<i>Winn Trucking</i>	5:00	4/24/73
WITNESS (OR WAIVER NO.)	ON SEAL	
<i>Duncan</i>	0764	

REMARKS *FRA*

OIL COVERED BY THIS RUN TICKET IS CONSIDERED TO BE RECEIVED BY Amoco Production Company ON THE FIRST DATE SHOWN ABOVE.

WHITE COPY TO TULSA OFFICE
PINK COPY TO WITNESS
GREEN COPY TO CONTRACTOR
ALL OTHER COPIES TO BE DESTROYED

Amoco Production Company

TANK TRUCK RUN TICKET

OPERATOR Charmoy Oil Co.
 LEASE NAME Reclaim Unit 1C-24
 NO. DAY YEAR DISTRICT NO. TICKET NO.
10/16/73 1183
 TANK NO. NG FRAC MASTER TANK LEASE NO. Reclaim FRAC
 H. G. NO. ROUTE CODE WORKED CHECKED

TANK SIZE	GA.	OIL LEVEL			TEMP.	GROSS BARRELS
		FT.	IN.	1/4 IN.		
<u>500</u>						
ESTIMATED BARRELS	1st.	<u>7</u>	<u>10</u>	<u>31</u>	<u>119</u>	
RECEPTION POINT CODE	2nd.	<u>1</u>	<u>1</u>	<u>4</u>	<u>100</u>	
PRICE CODE	OBSERVED QTY. & TEMP.		TRUE QTY.			
	<u>32.8</u> <u>115</u>					
	B. S. & W.					
	<u>0.4</u>					

OIL TRUCKED TO APR Rengul Station
 OIL TRUCKED BY Wesley Trucking Inc
 TURNED ON

FOR Amoco Production Company
MK Meeks TIME 10:00 AM
 WITNESS (OR WAIVER NO.) W.S. Jeannot OFF SEAL

SHUT OFF
 FOR Amoco Production Company
MK Meeks Time 1:00 DATE 10/16/73
 WITNESS (OR WAIVER NO.) W.S. Jeannot OR SEAL

REMARKS

OIL COVERED BY THIS RUN TICKET IS CONSIDERED TO BE RECEIVED BY Amoco Production Company ON THE FIRST DATE SHOWN ABOVE.

WHITE COPY TO TULSA OFFICE
 PINK COPY TO WITNESS GREEN COPY TO CONTRACTOR
 CONTRACTOR COMPLETE ALL ITEMS PRINTED IN RED

FORM 668 2-71

Amoco Production Company

TANK TRUCK RUN TICKET

OPERATOR Charmoy Oil Co.
 LEASE NAME Reclaim Unit 1C-24
 NO. DAY YEAR DISTRICT NO. TICKET NO.
10/16/73 1184
 TANK NO. NG FRAC MASTER TANK LEASE NO. Reclaim FRAC
 H. G. NO. ROUTE CODE WORKED CHECKED

TANK SIZE	GA.	OIL LEVEL			TEMP.	GROSS BARRELS
		FT.	IN.	1/4 IN.		
<u>300</u>						
ESTIMATED BARRELS	1st.	<u>4</u>	<u>3</u>	<u>0</u>	<u>104</u>	
RECEPTION POINT CODE	2nd.	<u>0</u>	<u>2</u>	<u>0</u>	<u>100</u>	
PRICE CODE	OBSERVED QTY. & TEMP.		TRUE QTY.			
	<u>39.3</u> <u>102</u>					
	B. S. & W.					
	<u>0.4</u>					

OIL TRUCKED TO APR Rengul Station
 OIL TRUCKED BY Wesley Trucking Inc
 TURNED ON

FOR Amoco Production Company
MK Meeks TIME 12:00 AM
 WITNESS (OR WAIVER NO.) W.S. Jeannot OFF SEAL

SHUT OFF
 FOR Amoco Production Company
MK Meeks Time 6:00 DATE 10/17/73
 WITNESS (OR WAIVER NO.) W.S. Jeannot OR SEAL

REMARKS

OIL COVERED BY THIS RUN TICKET IS CONSIDERED TO BE RECEIVED BY Amoco Production Company ON THE FIRST DATE SHOWN ABOVE.

WHITE COPY TO TULSA OFFICE
 PINK COPY TO WITNESS GREEN COPY TO CONTRACTOR
 CONTRACTOR COMPLETE ALL ITEMS PRINTED IN RED

FORM 668 2-71

* Guide returned to Amoco
 Tank

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

FIELD OFFICE Utah
LEASE NUMBER 0141694A
UNIT _____

PI
MB

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field (South Red Wash Area)

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1973, Beehive Unit

Agent's address 401 Lincoln Tower Building Company CHORNEY OIL COMPANY

Denver, Colorado 80203 Signed *Sam T. Bokz, Jr.*

Phone 303/573-5858 Agent's title Vice President - Operations

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE Production	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW SW Sec. 24	9S	23E	1- C-24	0	0	-	0	-	0	SI - BHP Buildup

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-829
(January 1950)

GPO 837-835

PTS
CF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

PI
MB

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Stone Cabin Unit II
2. NAME OF OPERATOR CHORNEY OIL COMPANY		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR 401 Lincoln Tower Building, Denver, Colorado 80203		9. WELL NO. 2-B-27
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE SW Section 27, T12S-R15E (1828' FWL & 1663' FNL)		10. FIELD AND POOL, OR WILDCAT Stone Cabin
14. PERMIT NO.		11. SEC., T., E., M., OR BGE. AND SURVEY OR AREA Sec 27, T12S-R15E, S1PM
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6102' Ungr. Gr.		12. COUNTY OR PARISH Carbon
		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) TESTING <input checked="" 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.)*

Flow-tested well and conducted BHP buildup survey as follows:

- 1) Ran BHP bomb to 5015' KB on 10-20-73 and measured buildup until 11-4-73. BHP 2389 psig.
- 2) Opened well on 11-10-73 and flowed thru production-test unit to the atmosphere for 165 hrs. Produced cumulative of 26,242 MCF & 110.75 bbls. condensate. Condensate stored in tank on location.
- 3) SI well on 11-17-73 with BHP bomb at 5034' KB. Measured pressure buildup until 12-1-73. BHP 2247 psig.
- 4) Well SI pending pipeline connection.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 12/14/73
J. Paul Mathias

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec. 24-T9S-R23E, SLM

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR
401 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

NW SW Sec 24-9S-23E (848' FWL & 2253' FSL)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5201' Ungr. Gr.

12. COUNTY OR PARISH
Uintah

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.)*

Spudded 6/25/73 and drilled 12-1/4" hole to 506'. Set 9-5/8" 36# & 47# casing at 506' w/285 sxs. Class "G" cement. Cemented to surf. W.O.C. & pressure-tested BOP and surf. casing to 2000 psi for 15 min. Drilled out w/7-7/8" bit. Encountered lost circulation at 1716'. Lost circulation problems continued to 1818'. At 1818', reamed hole open to 8-3/4" and continued drilling w/8-3/4" bit to 6588'. Ran DI-LL & BHC Sonic w/caliper logs. Could not obtain full logs due to hole problems. Ran 7" 23# casing to 4973' & cemented w/200 sxs. Class "G" cement. W.O.C. & tested BOP & casing to 1500 psig for 15 min. Drilled out w/6-1/4" bit to total depth of 8500' on 8/15/73. Ran following logs: Density, DI-LL, BHC Sonic & Comp. Neutron. Set 4-1/2" 10.5# & 11.6# liner from 4894' to 8270' w/875 sxs. Class "G" cement. PBTD: 8236'. Released rotary 8/24/73.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 12/19/73
J. Paul Mathias

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Utah-0141694A
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 401 Lincoln Tower Building, Denver, Colorado 80203		7. UNIT AGREEMENT NAME Beehive
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SW Sec 24-9S-23E (848' FWL & 2253' FSL)		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. 1-C-24
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5201' Ungr. Gr.		10. FIELD AND POOL, OR WILDCAT South Red Wash Area
		11. SEC., T., E., M., OR BLEK. AND SURVEY OR AREA Sec. 24-T9S-R23E
		12. COUNTY OR PARISH Uintah
		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) EVALUATING WELL <input checked="" 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.)*

RU workover rig 9/4/73. Displaced hole thru 2-7/8"-2-3/8" combination tubing string w/KCl water. Ran bit & scraper & cleaned out to 8235'. Ran Cement Bond Log; indicated good bonding from 6450' - 8235'. Perforated Mesaverde interval w/5 JS from 8193' - 8201'. Ran RTTS tool w/auxiliary valve & set at 8130'. Opened auxiliary valve to conduct casing DST. Recovered gas (TSTM). FSIP 2128 psi in 24 hrs. Acidized perfs. w/2000 gals. 60% glacial acetic acid at 5800 psi. Well did not flow back. Swabbed & recovered 33 bbls. of load & acid water. Well apparently plugging w/iron acetate. Acidized again w/2500 gals. 15% HCl to eliminate iron acetate. Swabbed well back & recovered total of 46 bbls. acid water w/approx. 2.1 MCFD of gas. Abandoned perforations 8193' - 8201' on 9/23/73 by setting CIBP at 8190' by wireline. Dump-bailed 2 sxs. cement on top of CIBP. PBD: 8167'.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 12/19/73
J. Paul Mathias

(This space for Federal or State office use)

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

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. Utah-0141694A
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR CHORNEY OIL COMPANY		7. UNIT AGREEMENT NAME Beehive
3. ADDRESS OF OPERATOR 401 Lincoln Tower Building, Denver, Colorado 80203		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SW Sec 24-9S-23E (848' FWL & 2253' FSL)		9. WELL NO. 1-C-24
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT South Red Wash Area
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5201' Ungr. Gr.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T9S-R23E
		12. COUNTY OR PARISH 13. STATE Uintah 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) <u>EVALUATING WELL</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		<small>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>	

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.)*

On 9/23/73, perforated Mesaverde w/7 shots from 8133' - 8145'. Set packer at 8080' & swabbed well dry. Recovered 27 bbls. black brackish water w/some drilling fluid and gas (TSTM). Acidized w/3000 gals. 10% acetic acid, 90% methanol. Bled down well and swabbed in. Flowed 36.2 MCFD against 25 psig. Well would die if swabbing discontinued. Abandoned perforations 8133' - 8145' on 10-1-73 by setting CIBP at 8125'. Dump-bailed 2 sxs. cement on top of CIBP. PBTD: 8078'.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 12/20/73
J. Paul Mathias

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R142

PI
[Signature]

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Utah-0141694A
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 401 Lincoln Tower Building, Denver, Colorado 80203		7. UNIT AGREEMENT NAME Beehive
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SW Sec 24-9S-23E (848' FWL & 2253' FSL)		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5201' Ungr. Gr.	9. WELL NO. 1-C-24
		10. FIELD AND POOL, OR WILDCAT South Red Wash Area
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-T9S-R23E
		12. COUNTY OR PARISH Uintah
		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) CONDUCT PRESS.-BUILDUP SURVEY

(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.)*

Well SI on 12/20/73 to begin pressure buildup survey which will last until approx. 1/17/74. Will rig up lubricator and run BHP bomb on a wireline to +7960'. Mesaverde perforations are 8013' - 8021'. Well will be left SI following the BHP-buildup survey.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 12/20/73
J. Paul Mathias

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec. 24-T9S-R23E

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR

401 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

NW SW Sec 24-9S-23E (848' FWL & 2253' FSL)

14. PERMIT NO.

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

5201' Ungr.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) EVALUATING WELL (CONT.)

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)*

5 hrs. On 12/11/73, opened well thru 3/64" choke & FTP declined from 2475 psig to 2100 psig in 3.5 hrs. Avg. rate 321.2 MCFD w/1.56 bbls. oil in 3.5 hrs. SION. On 12/12/73, opened well thru 7/64" choke for continual test. Rate reached high of 829 MCFD, but on 12/14/73, well began making water. Problems encountered in keeping well flowing. SI on 12/20/73 to begin buildup survey.

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

SIGNED

J. Paul Mathias
J. Paul Mathias

TITLE

Chief Engineer

DATE

12/20/73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

2. NAME OF OPERATOR
CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR
401 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

NW SW Sec 24-9S-23E (848' FWL & 2253' FSL)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, FT, GR, etc.)

5201' Ungr. Gr.

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec. 24-T9S-R23E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

EVALUATING WELL

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Evaluated Mesaverde by perforating w/5 JS from 8013' - 8021' on 10/1/73. Ran packer to 7990' & swabbed hole dry. Recovered 26 bbls. water w/trace of gas. Acidized perforations w/1000 gals. 15% HCl. Well flowed back acid & dry gas at the rate of 312 MCFD. Fractured well w/30,000 gals. emulsion consisting of 1/3 KCl water & 2/3 crude containing 54,000# 20/40 mesh sand. Opened and flowed back thru production test unit. Recovered all of load fluid plus 211 BO. Rate decl. from 650 MCFD on 10/9/73 to 250 MCFD on 10/19/73 when well was SI to begin pressure-buildup survey. Ran BHP bomb to 8017'. Measured BHP buildup until 12/1/73. Pressure after 1028.9-hr. SI was 4169 psia. BHT: 189°F. Connected production test unit to wellhead and opened well on 12/5/73 for second flow test. Flowed 3 hrs. thru 1/8" choke. Rate declined from 900 MCFD to 623 MCFD w/FTP of 3100 psig to 2300 psig & produced 7.87 bbls. condensate with negligible water. SION. On 12/6/73, flowed 5 hrs. thru 7/64" choke. FTP declined from 2900 psig to 2350 psig and rate stabilized at 562.77 MCFD. Well made 7.85 bbls. oil in 5 hrs. w/no water. SI well. On 12/8/73, flowed thru 6/64" choke & TP declined from 2750 - 2200 psig in 5 hrs. Avg. rate 695.185 MCFD w/14.96 bbls. oil. SION. On 12/9/73, Opened on 5/64" choke & FTP declined from 2700 psig to 1900 psig in 5 hrs. Avg. rate 510.37 MCFD & 2.44 bbls. oil in 5 hrs. SION. On 12/10/73, opened thru 4/64" choke & FTP declined from 2550 psig to 1900 psig in 5 hrs. Avg. rate 374.3 MCFD & .52 bbls. oil in

(Cont.)

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

SIGNED _____

TITLE _____

DATE _____

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

FIELD OFFICE Utah
LEASE NUMBER 0141694A
UNIT _____

PI
[Signature]

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field (South Red Wash Area)

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1973., Beehive Unit

Agent's address 401 Lincoln Tower Building Company CHORNEY OIL COMPANY

Denver, Colorado 80203 Signed [Signature]

Phone 303/573-5858 Agent's title Sam T. Boytz, Jr. Vice President - Operations

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCTION	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW SW Sec. 24	9S	23E	1- C-24	0	0	-	1,624*	-	0	*Gas flared to atmosphere while testing on various choke sizes in attempt to obtain stabilized gas rate. SI - BHP Buildup

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

PTS
CF

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec. 24-T9S-R23E

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR
401 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

NW SW Sec 24-9S-23E (848' FWL & 2253' FSL)

14. PERMIT NO.
API No. 43-047-30156

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5201' Ungr. Gr.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) **CONDUCT PRESS.-BUILDUP SURVEY XX**
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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.)*

SI well on 12/20/73 and ran bottom-hole-pressure bomb on wireline to 7960'. Measured bottom-hole pressure until 1/18/74, 4020 psig. Mesaverde perforations 8013' - 8021'. Well left SI pending evaluation.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 1/18/74
J. Paul Mathias

(This space for Federal or State office use)

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

PTS
CF
SE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R142

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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR CHORNEY OIL COMPANY</p> <p>3. ADDRESS OF OPERATOR 401 Lincoln Tower Building, Denver, Colorado 80203</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SW Sec 24-9S-23E</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Utah-0141694A</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Beehive</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. 1-C-24</p> <p>10. FIELD AND POOL, OR WILDCAT South Red Wash Area</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 24-T9S-R23E</p> <p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO. API No. 43-047-30156</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5201' Ungr. Gr.</p>	

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"/>	FULL 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) CONTINUE MESAVERDE EVALUATION <input checked="" 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.)*

Propose to continue evaluation of Mesaverde formation as follows:

1. Measure long-term BHSIP of present open Mesaverde perforations 8013' - 21' to verify results of BHP-buildup survey terminated 1/18/74.
2. Clean out sand fillup opposite perms. 8013' - 21'.
3. Set retrievable bridge plug at +7400' to isolate perms. 8013' - 21' from uphole Mesaverde evaluation. Pressure-test RBP & casing to 4000 psig.
4. Perforate Mesaverde w/1 JSPF at following depths: 7212', 24', 28', 34', 40', 50', 55', 61', 65', 69', 74', 80', 83', 91', 98', 7303', and 7309' (total 17 holes).
5. Run 2-7/8" - 2-3/8" combination tubing string and set on packer at +4915'. Run 3/4" tubing and blow hole dry to below 7309' using nitrogen. If perms. will produce, obtain test.

(Cont.)

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

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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

2. NAME OF OPERATOR
CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR
401 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW SW Sec 24-9S-23E

14. PERMIT NO.
API No. 43-047-30156

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5201' Ungr. Gr. 5212' KB

5. LEASE DESIGNATION AND SERIAL NO.
Utah-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Beehive

8. FARM OR LEASE NAME

9. WELL NO.
1-C-24

10. FIELD AND POOL, OR WILDCAT
South Red Wash Area

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec 24-T9S-R23E

12. COUNTY OR PARISH
Uintah

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) **CONTINUE MESAVERDE EVALUATION X**

(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.)*

- Acid-frac perfs. 7212' - 7309' w/20,000 gals. 3% HF-12% HCl containing friction reducer, de-emulsifier, phenolphthalein tracer, nitrogen, and diverting agent. Open well, allow to clean up, and test thru a production-test unit. Produced gas will be vented or flared. Anticipate no more than 10,000 MCF gas will be produced during testing.
- Further Mesaverde evaluation will depend on results of the above.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 2/1/74
J. Paul Mathias

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Beehive
2. NAME OF OPERATOR CHORNEY OIL COMPANY		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR 401 Lincoln Tower Building, Denver, Colorado 80203		9. WELL NO. 1-C-24
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SW Sec 24-T9S-R23E		10. FIELD AND POOL, OR WILDCAT South Red Wash Area
14. PERMIT NO. API No. 43-047-30156		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec 24-9S-23E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5201' Ungr. Gr.		12. COUNTY OR PARISH Uintah
		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) STATUS REPORT <input checked="" 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.)*

Continuation of Mesaverde formation evaluation; purpose of which is to determine zone potentials on a cumulative basis:

- 1/18/74 - Well SI. Evaluating BHP data. Mesaverde perf. interval 8013' - 8021'.
- 2/1/74 - Submitted recommendations to evaluate Mesaverde interval 7212' - 7309', (Form 9-331) approved 2/4/74.
- 2/5/74 - MIRUSU. Ran BHP, field reading 4155 psig @ 7950'. BHT 188°F. Dead wt. surf. TP 3147 psig.
- 2/6/74 thru 2/15/74 - Killed well, circ. out frac sand fillup 7976' - 8105'. Set Baker RBP @ 7403.98' to isolate Mesaverde perms. 8013' - 8021'.
- 2/16/74 - Ran GR Correlation Collar Log. Perf'd. by Welex 1 JSPF @ 7212', 7224', 7228', 7234', 7240', 7250', 7255', 7261', 7265', 7269', 7274', 7280', 7283', 7291', 7298', 7303', and 7309' (total 17 holes). Used radio-active tips, Background log, all shots in zone.

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

SIGNED _____	TITLE _____	DATE _____
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec 24-9S-23E

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR

401 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)

At surface

NW SW Sec 24-T9S-R23E

14. PERMIT NO.

API No. 43-047-30156

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

5201' Ungr. Gr.

12. COUNTY OR PARISH

Uintah

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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) STATUS REPORT (Cont.)

(Other)

(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.)*

2/17/74 - Acidized thru 2-7/8" tbg. w/pkr. in top of 4-1/2" liner @ 4915'. Blew well dry w/80,000 SCF N₂ prior to acid. Formation broke down @ 5,000 psig @ 9 BPM, avg. rate 14 BPM, fluid 3-1/2 BPM N₂, total 17.5 BPM; avg. press. 4,800 psig; max. press. 6,000 psig. Total fluid 20,000 gals. 3% HF, 12% HCl w/4#/1,000 gals. FR-20 friction reducer, 500# Uni-beads, and 205,000 SCF N₂, ISIP 1,800 psig, 15 min. 1,750 psig. Total acid & load 547 bbls.

2/17/74 - Flowed & swabbed total 583 BF or 36 bbls. over and above acid and thru load. Pulled 2-7/8" tbg., ran 2-3/8" tbg., set pkr. @ 7192'.
2/26/74 Swabbed well down. Ran BHP bomb to 7257'. SI for pressure buildup. Gas rate 39.2 MCFD. Fluid rate approx. 1 BPH. Fluid acid-cut water w/trace of oil.

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

SIGNED

Sam T. Boltz Jr.
Sam T. Boltz Jr.

TITLE Vice President-Operations

DATE 3/1/74

(This space for Federal or State use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PTS
CF
SE

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec 24-9S-23E

14. PERMIT NO.

API No. 43-047-30156

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

5201' Ungr. Gr.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) STATUS REPORT (Cont.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

2/17/74 - Acidized thru 2-7/8" tbg. w/pkr. in top of 4-1/2" liner @ 4915'. Blew well dry w/80,000 SCF N₂ prior to acid. Formation broke down @ 5,000 psig @ 9 BPM, avg. rate 14 BPM, fluid 3-1/2 BPM N₂, total 17.5 BPM; avg. press. 4,800 psig; max. press. 6,000 psig. Total fluid 20,000 gals. 3% HF, 12% HCl w/4#/1,000 gals. FR-20 friction reducer, 500# Uni-beads, and 205,000 SCF N₂, ISIP 1,800 psig, 15 min. 1,750 psig. Total acid & load 547 bbls.

2/17/74 - Flowed & swabbed total 583 BF or 36 bbls. over and above acid and thru load. Pulled 2-7/8" tbg., ran 2-3/8" tbg., set pkr. @ 7192'.
2/26/74 Swabbed well down. Ran BHP bomb to 7257'. SI for pressure buildup. Gas rate 39.2 MCFD. Fluid rate approx. 1 BPH. Fluid acid-cut water w/trace of oil.

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

SIGNED

Sam T. Boltz, Jr.

TITLE Vice President-Operations

DATE 3/1/74

(This space for Federal or State use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PTS
CF
SE

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR CHORNEY OIL COMPANY</p> <p>3. ADDRESS OF OPERATOR 401 Lincoln Tower Building, Denver, Colorado 80203</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SW Sec 24-T9S-R23E</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Utah-0141694A</p> <p>6. IF INDIAN, ALLOTTED OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Beehive</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. 1-C-24</p> <p>10. FIELD AND POOL, OR WILDCAT South Red Wash Area</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 24-9S-23E</p>
<p>14. PERMIT NO. API No. 43-047-30156</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5201' Ungr. Gr.</p>	<p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>

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"/>	

*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.)*

Propose to run bottom-hole pressure bomb to +7257' on wireline, shut in well, and measure pressure buildup for minimum of 3 weeks. Well will be left shut in and further pressure measurements will be made pending results of first three weeks' buildup.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 3/4/74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PTS
CF
SE

*See Instructions on Reverse Side

**UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec 24-9S-23E

12. COUNTY OR PARISH 13. STATE

Uintah

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

2. NAME OF OPERATOR
CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR
401 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

NW SW Sec 24-T9S-R23E

14. PERMIT NO.
API No. 43-047-30156

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5201' Ungr. Gr.

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) CONDUCT PRESS.-BUILDUP SURVEY <input checked="" 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 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.)*

Propose to run bottom-hole pressure bomb to +7257' on wireline, shut in well, and measure pressure buildup for minimum of 3 weeks. Well will be left shut in and further pressure measurements will be made pending results of first three weeks' buildup.

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

SIGNED J. Paul Mathias TITLE Chief Engineer

DATE 3/4/74

(This space for Federal or State office use)

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

PTS
CF
SE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Utah-0141694A
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 401 Lincoln Tower Building, Denver, Colorado 80203		7. UNIT AGREEMENT NAME Beehive
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SW Sec 24-T9S-R23E		8. FARM OR LEASE NAME
14. PERMIT NO. API No. 43-047-30156		9. WELL NO. 1-C-24
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5201' Ungr. Gr.		10. FIELD AND POOL, OR WILDCAT South Red Wash Area
		11. SEC., T., E., M., OR R.L.E. AND SURVEY OR AREA Sec 24-9S-23E
		12. COUNTY OR PARISH Uintah
		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) <u>PRESSURE-BUILDUP SURVEY</u> <input checked="" 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.)*

Conducted bottom-hole pressure buildup survey of Mesaverde perforations 7212' - 7309' by running pressure bomb on wireline to 7257' and shutting in well at 12:30 p.m., 2/26/74. Measured shut-in pressure until 10 a.m., 3/19/74 (501.5 hrs.). Pressure increased from 459 psia to 3247 psia at 7257' during that time. Left well shut in so that buildup measurements may be continued if required.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 3/25/74
J. Paul Mathias

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 72-8338-5.

LAND OFFICE Utah
LEASE NUMBER 0141694A
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field (South Red Wash Area)

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1974, Beehive Unit

Agent's address 401 Lincoln Tower Building Company CHORNEY OIL COMPANY
Denver, Colorado 80203 Signed Sam T. Boltz, Jr.

Phone 303/573-5858 Agent's title Vice President - Operations

Sec. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	Days Produced	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW SW Sec. 24	9S	23E	1- C-24	0	0	-		-	0	

PTS
CF

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec 24-9S-23E

14. PERMIT NO.

API No. 43-047-30156

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

5201' Ungr. Gr. 5212' KB

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) COMPLETE

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)*

Propose to complete subject well in Mesaverde perforations at 7212' - 7309' and 8013' - 8021' by removing the retrievable bridge plug presently set at 7403.78' and hang 2-3/8" tubing without a packer at +8030'. Well will be unloaded with nitrogen and tested prior to shut-in.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE APR 9 1974

BY *Clem B. Ficht*

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

SIGNED

J. Paul Mathias
J. Paul Mathias

TITLE

Chief Engineer

DATE

4/3/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME

Beehive

2. NAME OF OPERATOR

CHORNEY OIL COMPANY

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR

401 Lincoln Tower Building, Denver, Colorado 80203

9. WELL NO.

1-C-24

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

NW SW Sec 24-T9S-R23E

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

Sec 24-9S-23E

14. PERMIT NO.

API No. 43-047-30156

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

5201' Ungr. Gr. 5212' KB

12. COUNTY OR PARISH 13. STATE

Uintah Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Request cancellation of Form 9-331, "Notice of Intention to Complete", for the subject well submitted 4/3/74. Further work will be conducted by the new operator, Pacific Transmission Supply Company (Designation of Agent form submitted 4/29/74). Future Sundry Notices will be submitted by them.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 5-8-74

BY C. D. Fisher pd

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

SIGNED

J. Paul Mathias

TITLE

Chief Engineer

DATE

5/2/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PTS
CF
SE

*See Instructions on Reverse Side

**UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
PACIFIC TRANSMISSION SUPPLY COMPANY

3. ADDRESS OF OPERATOR
245 Market Street, San Francisco, California 94105

9. WELL NO.
1-C-24

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW SW Sec 24-T9S-R23E

10. FIELD AND POOL, OR WILDCAT
South Red Wash Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 24-T9S-R23E

14. PERMIT NO.
API #43-047-30156

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5201' Ungr. Gr.

12. COUNTY OR PARISH 13. STATE
Uintah Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF FULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETE
SHOOT OR ACIDIZE ABANDON*
REPAIR WELL CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
FRACTURE TREATMENT ALTERING CASING
SHOOTING OR ACIDIZING ABANDONMENT*

(Other) Commingle Mesaverde zones

(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.)*

Proposed procedure to commingle the Mesaverde gas producing intervals for 8,013' to 8,021' K.B. and from 7,212' to 7,309' is as follows:

1. Run a sinker bar on wire line to determine whether or not there is any fill in the 4-1/2" casing liner above the retrieving head of the retrievable bridge plug.
2. Move C. A. White snubbing equipment from PTS Natural 1-2 well to location.
3. Move in a double drum service rig with sufficient substructure to accommodate the snubbing equipment.
4. Rig up service rig and substructure.
5. The details of procedure and timing of unflanging the well head, installing the lower portion of snubbing equipment complete with spacer spools and stripping head, and unseating the packer will be programmed after determining the amount of hydrostatic fluid head in the tubing-casing annulus. The well records do not show a sliding sleeve in the tubing string. The packer, however, is equipped with equalizing ports.

(CONTINUED)

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

SIGNED

[Signature]

TITLE EXPLORATION MANAGER

DATE

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY DIVISION OF OIL & GAS CONSERVATION
DATE MAY 3 1974

DATE

[Signature]

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1972-281207 REGION NO. 8

6. After the packer is unseated, the annulus water can be unloaded from the casing and tubing with nitrogen. Also, any fill in the 4-1/2" liner above the retrievable bridge plug can be removed by reverse circulating with nitrogen.
7. Connect to the retrieving head of the retrievable bridge plug, open the equalizing valve in bridge plug and equalize the pressure from below the bridge plug.
8. Unseat the bridge plug and pull the tubing string, packer, and bridge plug.
9. The gas production of the well will flow from the 7" O.D. casing to the flare pit while pulling the tubing. An Otis one-way valve (closes in the up position) will be installed in first tubing joint above the packer prior to pulling the tubing.
10. Run sinker bars on wire line and determine top of frac sand in the 4-1/2" liner.
11. Run 2-3/8" tubing string open-ended and no packer to below the bottom casing perforation at 8,021' K.B.
12. The gas production of the well will flow from the 7" O.D. casing to the flare pit while the tubing is being run. An Otis one-way valve will be installed in the bottom joint of tubing prior to running the tubing.
13. Land the tubing in the tubing spool.
14. Rig down the stripping head, spacer spools, and snubbing B.O.P.s.
15. Install well head.
16. Rig down and move the service rig and equipment.
17. Determine the flow capacity of the well.

PMB

PACIFIC TRANSMISSION SUPPLY COMPANY

245 MARKET STREET
SAN FRANCISCO, CALIFORNIA 94105
(415) 781-0474 LOCAL 3795

EDWARD H. WINSOR
MANAGER OF MINERAL LEASES

May 8, 1974

Mr. C. 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: Change of Operator
Well Beehive No. 1-C-24
A.P.I. #43-047-30156
Uintah County, Utah

In reply to your inquiry accompanying your approval of our Sundry Notice dated April 29, 1974, Pacific Transmission Supply Company assumed operations on the captioned well from Chorney Oil Company upon Chorney's submittal of a Designation of Agent to the U. S. Geological Survey on April 29, 1974.

Sincerely,

E H Winsor

HGC:aab

cc: L. Stanley,
Chorney Oil Company

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME

Beehive

2. NAME OF OPERATOR
PACIFIC TRANSMISSION SUPPLY COMPANY

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
245 Market Street, San Francisco, California 94105

9. WELL NO.

1-C-24

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

NW SW Section 24, T9S-R23E

Sec 24-T9S, R23E

14. PERMIT NO.
API #43-047-30156

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5201' Ungr. Gr.

12. COUNTY OR PARISH | 13. STATE
Uintah | 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"/>
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) Weekly Report	

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 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.)*

- 5/6/74 - Move in and rig up service unit.
- 5/7/74 - Tagged top of Baker packer at 7188' K.B., top of bridge plug at 7422' K.B. Measurements by wireline.
- 5/8/74 - Layed flow line to flare pit and bled tubing pressure to 0 psi at 6:15 p.m. Gas flow from tubing commenced showing a light spray of oil and water by 7:05 p.m. The gas flow gradually declined during the night to an estimated average of 25 Mcf/day by 8:00 a.m. today.
- 5/9/74 - Installed wrap-around donut in tubing spool. Ran and set an Otis collar stop and plug in the 2-3/8" tubing. Removed well-head Christmas tree. Installed snubbing BOPs, 8-5/8" spacer spool and strap head, and unseated 4-1/2" Baker packer.
- 5/10/74 - Lowered tubing string to Baker retrievable bridge plug and opened the equalizer valve in bridge plug. Gas flow from perforations below the bridge plug unloaded to well of fluid originally in the annulus above packer. Unseated bridge plug and shoved bridge plug to 8099' K.B. Reset bridge plug. Rigged up wireline unit and lowered 2-3/8" collar stop and tubing plug to the first tubing joint above packer. Commenced to flow tubing and packer. Shut down at 6:00 p.m. Well continues to flow gas with heavy spray of condensate and some water to flare pit from casing annulus.

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

SIGNED E. R. [Signature]

TITLE ENGINEER

DATE 5/10/74

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0141694A
2. NAME OF OPERATOR PACIFIC TRANSMISSION SUPPLY COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 245 Market Street, San Francisco, California 94105		7. UNIT AGREEMENT NAME Beehive
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SW Section 24, T9S-R23E		8. FARM OR LEASE NAME
14. PERMIT NO. API #43-047-30156	15. ELEVATIONS (Show whether DF, RT, CR, etc.) 5201' Ungr. Gr.	9. WELL NO. 1-C-24
		10. FIELD AND POOL, OR WILDCAT South Red Wash Area
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 24-T9S, R23E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

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) Weekly Report <input checked="" 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.)*

5/11/74 - Completed pulling tubing string. Layed down a retrieving tool for the Baker retrievable bridge plug and the 4-1/2" Baker packer. Installed a 2-3/8" Otis "N" nipple and plug. Ran 170 joints tubing.

5/12/74 - Completed running tubing string as follows:

Quantity	Description	Footage
1	2-3/8" EUE tubing coupling	0.50'
1	2-3/8" Otis "N" nipple	1.00'
262 jts.	2-3/8" EUE, 4.7#/ft, K-55, 8 rd. thread tubing	8010.60'
1	2-3/8" EUE X 2-7/8" EUE 8rd. thread X-over	0.60'
1 jt.	2-7/8" EUE, 6.5#/ft, N-80 8 rd thd tubing	31.80'
TOTAL FOOTAGE		8044.50'
K.B. to top of tubing		8.70'
Bottom of tubing string		8053.20'

Installed a 2-7/8" O.C.T. wraparound donut in tubing spool; rigged the snubbing BOP's down. Installed wellhead X-mas tree.
5/13/74 - Rigged down and moved service rig to Duchesne, Utah. Ran equalizer prong on wireline and opened the equalizer valve in 2-3/8" Otis "N" plug. Allowed casing & tubing to equalize over-

18. I hereby certify that the foregoing is true and correct CONTINUED ON BACK night

SIGNED [Signature] TITLE EXPLORATION MANAGER DATE 5/20/74

(This space for Federal or State office use)

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

5/15/74 - Shut in tubing pressure was 470 psi, casing pressure 725 psi at 8:30 a.m. Opened tubing to flare pit and bled pressure to 0 psi @ 9:00 a.m. Well flowed a small amount of gas to flare pit until 12:00 p.m., at which time it unloaded approximately 1 bbl. of condensate and water, then died. Closed tubing in at 1:30. Casing pressure was 875 psi. Plans are to leave well shut in until tubing and casing pressures increase sufficiently to unload well of spent acid water and condensate (probably 4 to 5 days).
location - 160 bbls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-3000

5. LEASE DESIGNATION AND SERIAL NO.

U-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

11. SEC., T., R., M., OR BLM. AND SURVEY OR ABMA

Sec 24-T9S, R23E

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
PACIFIC TRANSMISSION SUPPLY COMPANY

3. ADDRESS OF OPERATOR
245 Market Street, San Francisco, California 94105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

NW SW Section 24, T9S-R23E

14. PERMIT NO.
API #43-047-30I56

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
5201' Ungr. Gr.

12. COUNTY OR PARISH 13. STATE
Uintah Utah

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"/>

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 type="checkbox"/>
(Other) <input type="checkbox"/>	

(Other) Weekly report

(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.)*

5/18/74 - Shut in tubing pressure 90 psi, shut in casing pressure 1110 psi. Unloaded fluid from well through casing and closed well in.

5/21/74 - Shut in tubing pressure 320 psi, shut in casing pressure 1560 psi. Opened well to flare from tubing; bled tubing pressure off. Opened from casing to flare. Unloaded hole of condensate and spent acid water, and shut well in.

5/23/74 - Shut in tubing pressure 300 psi, casing pressure 1120 psi. Flowed well from casing. Flow consisted of considerable amount of condensate and small amount of water. Will continue to gradually unload tubing until flow can be established through tubing by unloading casing, every 2 or 3 days.

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

SIGNED

[Signature]

TITLE

EXPLORATION MANAGER

DATE

5/23/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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

Form approved. *PL*
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec 24-T9S, R23E

14. PERMIT NO.

API #43-047-30156

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

5201' Ungr. Gr.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Weekly report

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

5/26/74 - Shut in tubing pressure 120 psi; shut in casing pressure 1180 psi, on 5/25/74. Bled tubing pressure to 0 psi. Flowed small amount of gas and approx 1/4 bbl of condensate to flare pit and died. Closed tubing in. Shut in casing pressure declined to 1170 psi.

5/28/74 - Rigged up Newsco unit to 7" casing outlet on wellhead X-mas tree. Shut in tubing pressure 75 psi; casing pressure 1350 psi on 5/27/74. Bled tubing pressure to 9 psi. Flowed small amount of gas and died. Injected 160,000 standard cubic feet of nitrogen into casing; casing pressure increased to 3010 psi, before all fluid was displaced from casing annulus and gas started into bottom of tubing at 8953' K.B. Shut nitrogen unit down and closed in casing. Unloaded solid column of fluid from 2-3/8" tubing through a 2" adjustable choke to the flare pit.

5/29/74 - Well shut in. Laboratory analysis, by Halliburton, of water sample caught while unloading the well with nitrogen on 5/24/74 is as follows:
 Specific Gravity 1.05
 PH 4.50
 Chlorides 13,380
 Resistivity 0.41

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

SIGNED

[Signature]

TITLE

EXPLORATION MANAGER

DATE

6/3/74

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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.

12

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 _____

2. NAME OF OPERATOR
PACIFIC TRANSMISSION SUPPLY COMPANY

3. ADDRESS OF OPERATOR
245 Market Street, San Francisco, California 94105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 848' FWL & 2253' FSL
At top prod. interval reported below Sec 24, T9S-R23E, SLM
At total depth Uintah County, Utah

14. PERMIT NO. DATE ISSUED
API43-047-30156 | 6/15/73

5. LEASE DESIGNATION AND SERIAL NO.
U-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Beehive

8. FARM OR LEASE NAME

9. WELL NO.
1-C-24

10. FIELD AND POOL, OR WILDCAT
South Red Wash Area

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 24, T9S-R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

15. DATE SPUDDED 6/25/73 | 16. DATE T.D. REACHED 8/15/73 | 17. DATE COMPL. (Ready to prod.) 12/20/73 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5201' Gr, 5212' K.B. | 19. ELEV. CASINGHEAD 5203'

20. TOTAL DEPTH, MD & TVD 8500' K.B. | 21. PLUG, BACK T.D., MD & TVD 8078' K.B. | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS X | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Mesaverde sand 8013'-8021' K.B. | 25. WAS DIRECTIONAL SURVEY MADE. No

26. TYPE ELECTRIC AND OTHER LOGS RUN DI-LL & BHC Sonic w/Caliper 6588-506' | 27. WAS WELL CORED No
DI-LL, BHC Sonic & Comp. Neutron from TD to 4973'

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36 & 47	506'	12-1/4"	285 sx Class "G"	
7"	23#	4973'	8-3/4"	200 sx Class "G"	

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4894'	8270'	875 sx Class "G"		2-7/8"	4885'	4885'
					2-3/8"	4915'	

31. PERFORATION RECORD (Interval, size and number)
8013'-8021' w/5 JS

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8013'-8021'	1000 gal. 15% HCl
8013'-8021'	30,000 gal. emulsion of 1/3 KCl water & 2/3 crude w/ 54,000# 20/40 mesh sand.

33.* PRODUCTION

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

DATE OF TEST 12/6/73 | HOURS TESTED 5 | CHOKES SIZE 7/64" | PROD'N. FOR TEST PERIOD --> | OIL—BBL. 7.85 | GAS—MCF. * | WATER—BBL. Nil | GAS-OIL RATIO --

FLOW. TUBING PRESS. 2350 psig | CASING PRESSURE | CALCULATED 24-HOUR RATE --> | OIL—BBL. -- | GAS—MCF. *563 (Stab) | WATER—BBL. Nil | OIL GRAVITY-API (CORR.) --

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented | TEST WITNESSED BY W. Jeanerette

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 Eugene K. Heron | TITLE ENGINEER | DATE 6/6/74

*(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 23 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.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Mesaverde	8193'	8201'	Casing DST recovered gas through 5 JS at rate of 2.1 MCFD	Mesaverde	6330'
Mesaverde	8133'	8145'	Flowed 36.2 MCFD through 7 shots while swabbing.	Buck Tongue	8438'
Mesaverde	8013'	8021'	Stabilized @ 563 MCFD through 5 JS w/oil & condensate.		
Mesaverde	7503'	7509'	500 units C1 - C4		
Mesaverde	7206'	7320'	600 units C1 - C4 w/stn, odor, cut & fluor.		
Mesaverde	6890'	6915'	600 units C1 - C4		
	6284'	6329'	300 units C1 - C4 w/stn, odor, cut & fluor.		
	4700'	4765'	400 units C1 - C4 w/stn, odor, cut & fluor.		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R142

5. LEASE DESIGNATION AND SERIAL NO.

U-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

Sec 24-T9S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

PACIFIC TRANSMISSION SUPPLY COMPANY

3. ADDRESS OF OPERATOR

245 Market Street, San Francisco, California 94105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

NW SW Section 24, T9S-R23E

14. PERMIT NO.

API #43-047-30156

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

5201' Ungr. Gr.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

(Other) Weekly Report

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

6/1/74 - Shut in tubing pressure 500 psi, casing pressure 1820 psi. Well produced two small heads of condensate to pit between 12:10 & 12:15 p.m. and reduced to 1' gas flare to 12:50 p.m. Opened casing (1815 psi) to flare pit and bled to 900 psi. Estimated flow of condensate to flow of water and condensate to spray of water. Shut well in.

6/4/74 - Shut in tubing pressure 90 psi, casing pressure 1315 psi. Opened casing to flare pit, bled at high flow rate. Flowed gas until casing pressure declined to 300 psi, after which time flow consisted of heavy flow of condensate and subsequently to heavy flow of water, declining to heading of gas and water and finally to gas and spray of water. Closed casing in. Tubing pressure declined from 90 psi to vacuum while bleeding casing pressure. Opened tubing choke to 1/8" opening.

6/5/74 - Tubing pressure 0 psi, and shut-in casing pressure 1080 psi. No flow from tubing. Tubing continues to be open on 1/8" opening in adjustable choke. Tubing appears to be full of liquid.

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

SIGNED

E. C. Henry

TITLE

ENGINEER

DATE

6/7/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1421.

5. LEASE DESIGNATION AND SERIAL NO.

U-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME

Beehive

2. NAME OF OPERATOR

PACIFIC TRANSMISSION SUPPLY COMPANY

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR

245 Market Street, San Francisco, California 94105

9. WELL NO.

1-C-24

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

10. FIELD AND POOL, OR WILDCAT

South Red Wash Area

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

NW SW Section 24, T9S-R23E

Sec 24-T9S, R23E

14. PERMIT NO.

API #43-047-30156

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

5201' Ungr. Gr.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

9/19/74 - Moved in and rigged up R&R Well Service Co. service rig. At 8:00 a.m. running one-way valve on wireline and setting one-way valve in Otis end nipple in bottom of tubing string. Preparing to install BOPs and stripper head. Shut in casing pressure 2380 psi and tubing pressure 0 psi. Bled casing pressure to zero. Well is heading condensate and water to flare pit.

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

SIGNED

Ernest R. [Signature]

TITLE

ENGINEER

DATE

9/20/74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.

Budget Bureau No. 42-R356.5.

LAND OFFICE Utah

LEASE NUMBER U-0141694A

UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1975,

Agent's address 245 Market Street Company Pacific Transmission Supply

San Francisco, CA 94105 Signed E H Wain

Phone (415) 781-0474 Agent's title Manager of Mineral Leases

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	Date Producing	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If done, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NWSW Sec. 24	9S	23E	1- C-24	0						Shut-in

2/6/75
USGS
UO&GCC
COC
FILES

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved,
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER U-0141694A
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of August thru Dec., 1975,

Agent's address 245 Market Street Company Pacific Transmission Supply

San Francisco, CA 94105 Signed E H Winsor

Phone (415) 781-0474 Agent's title Manager of Mineral Leases

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NWSW Sec. 24	9S	23E	1- C-24	0						Shut-in

1/9/76
USGS
OO&GCC
COC
FILES

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R354.5.
LAND OFFICE Utah
LEASE NUMBER U-0141694A
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of January thru December, 1976,

Agent's address 245 Market Street Company Pacific Transmission Supply
San Francisco, CA 94105 Signed E.H. Wimer

Phone (415) 781-0474 Agent's title Manager of Mineral Leases

Sec. AND 1/4 of 1/4	TWP.	RANGE	WELL No.	Date Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NWSW Sec. 24	9S	23E	1- C-24	0						Shut-in

JAN 11 1977

USGS
UO&GCC
COC
FILES

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.
U-0141694A

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beehive

8. FARM OR LEASE NAME

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash

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

Section 24, T9S-R23E

12. COUNTY OR PARISH

Uintah

13. STATE

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

2. NAME OF OPERATOR
PACIFIC TRANSMISSION SUPPLY COMPANY

3. ADDRESS OF OPERATOR
633 17th Street, Suite 2140, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

NW SW Section 24, T9S-R23E

14. PERMIT NO.
API #43-047-30156

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5201' Ungraded ground

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

(Other) Flow test

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Other)

(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.)

PLEASE HOLD CONFIDENTIAL

Pacific Transmission Supply Company requests permission to flow-test the captioned well for 24 to 48 hours in order to determine production potential.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: March 4, 1977

BY: P. L. Driscoll (K.O.)

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

SIGNED [Signature]

TITLE EXPLORATION MANAGER

DATE 3/10/77

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____



Scott M. Matheson

Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

GUY N. CARDON
Chairman

CHARLES R. HENDERSON
ROBERT R. NORMAN
I. DANIEL STEWART
HYRUM L. LEE

CLEON B. FEIGHT
Director

March 14, 1977

Pacific Transmission Supply Co.
633 17th Street, Suite 2140
Denver, Colorado 80202

Re: WELL NO. BEEHIVE FED. 1-C-24
Sec. 24, T. 9S, R. 23E,
Uintah County, Utah

Gentlemen:

We are in receipt of your Sundry Notice of Notice of Intention to flow test for the above mentioned well which has been marked "Confidential". Please refer to Rule C-5 (b), General Rules and Regulations and Rules of Practice and Procedure.

In order to hold this information confidential, we must have a letter from your company requesting that this data be withheld from open file. If we do not hear from you by April 4, 1977, we will assume that the information can be released.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER
RECORDS CLERK

/ko



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

August 23, 1978

Pacific Transmission Supply Co.
633 17th Street
Suite 2140
Denver, Colorado 80202

Re: Well No. Beehive Federal 1-C-24
Sec. 24, T. 9S, R. 23E,
Uintah County, Utah
April 1977 thru' June 1978

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well.

Rule C-22, 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-1b, (U.S. Geological Survey Form 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 prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY AVILA
RECORDS CLERK

NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

May 12, 1982

Mr. E. W. Guynn
Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

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

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

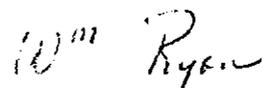
Operations Manager
Petro Lewis Corporation
P.O. Box 20352
Billings, MT 59104

Re: NGC #1-C-24 Federal
NW SW Section 24, T.9S., R.23E.
Uintah County, Utah

Gentlemen:

Attached are copies of Form 9-330, Well Completion or Recompletion Report and Log, for the above captioned well.

Yours truly,



William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado
J. Langman
R. Boschee
J. M. Kunz
K. E. Reed
I. Chai

DIVISION OF
OIL, GAS & MINING

RECEIVED
MAY 14 1982

**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. 12

U-0141694A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
BESCHMIDT UNIT
Federal

9. WELL NO.

1-C-24

10. FIELD AND POOL, OR WILDCAT

South Red Wash WILDCAT

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

Section 24, T.9S., R.23E.

12. COUNTY OR PARISH
Utah

13. STATE
Utah

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 REEF-ER PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface NW SW Sec. 24, T.9S., R.23E., 848' FWL, 2253' FSL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-047-30156
DATE ISSUED 5-23-73
6/15/73

15. DATE SPUDDED 6/25/73
16. DATE T.D. REACHED 8/15/73
17. DATE COMPL. (Ready to prod.)
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5201' GR 5212' KB
19. ELEV. CASINGHEAD 5203'

20. TOTAL DEPTH, MD & TVD 8500'
21. PLUG, BACK T.D., MD & TVD 8078' KB
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS X
CABLE TOOLS

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

26. TYPE ELECTRIC AND OTHER LOGS RUN
DI-LL, BHC Sonic & Comp. Neutron, Caliper
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
9-5/8"	36#, 47#	506'	12-1/4	285 SX	
7"	23#	4973'	8-3/4	200 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
4-1/2	4894	8270	875 SX	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

See completion report dated 6/6/74
7212-7309
6170-75
5830-36
Hole in casing at 4524

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5830-36	1000 gal 7 1/2% HCL
6170-75	420 gal 3% KCL

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
P & A		P & A					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/19/82	6	12/64	→		60	25	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
25		→		120			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented
TEST WITNESSED BY
C. M. Heddleson

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 William A. Ryan TITLE Petroleum Engineer DATE May 12, 1982

*(See Instructions and Spaces for Additional Data on Reverse Side)

cc: Minerals Management; Div. OG&M; Petro Lewis Corp.; DeGolyer; Operations; CTClark; ERHenry; SFurtado; JLangman; RBoschee; JMKunz; KReed; IChai

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

May 19, 1982

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

Attn: Debbie Beauregard

Re: NGC Well #1-C-24
NW SW Section 24, T.9S., R. ~~24E.~~ 23E.
Uintah County, UT

Dear Mrs. Beauregard:

The operator of the subject well has changed from Pacific Transmission Supply Company to Natural Gas Corporation of California. Also, this well is no longer in the Beehive Unit and the well name is NGC #1-C-24.

Sincerely,

Rick Canterbury

Rick Canterbury
Associate Engineer

RC/kh

RECEIVED
MAY 21 1982
DIVISION OF
OIL, GAS & MINING

CONDITIONS OF APPROVAL FOR WELL ABANDONMENT

Company Natural Gas Corp. Location 24-9S-23E
Well No. 1-C-24 Lease No. U-0141694-A

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

1. This office should be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation.
2. Upon completion of approved plugging, erect the regulation marker in accordance with 30 CFR 221.22 and clean up the location. The marker should not be less than 4 inches in diameter and extend approximately 4 feet above general ground level. Heap up the dirt around the base of the marker about 18 inches to take care of any settling of the cellar. The top of the marker must be closed or capped. Pits must be fenced unless approved otherwise by the district engineer.
3. The following minimum information shall be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:
"Fed" or "Ind", as applicable.
"Well number, location by $\frac{1}{4}$ section, township and range."
4. Within 15 days after well bore plugging operations are completed, form 9-331 (Subsequent Report of Abandonment) must be filed showing location of plugs, amount of cement in each, amount of casing left in hole, and status of surface restoration. If a temporary delay in removal of equipment or surface cleanup is deemed necessary and acceptable to this office, so note on this report and notify this office when such work has been completed to your satisfaction. This final abandonment report will not be approved until a physical inspection by this office and the surface management agency finds the well site in satisfactory condition.
5. If not previously filed, submit in duplicate Well Completion or Recompletion Report and Log (form 9-330), well history, electric logs, and other surveys, and if taken, core analysis and water analysis. These reports must also be filed within 15 days after completion of plugging operations.

NATURAL GAS CORPORATION
CIRCULATE HANDLE FILE NOTE

APR 13 1962

RJF _____ RBD _____
WAR _____ SLR _____
KMH _____

operator

6. You or your authorized representative should inspect the abandoned location prior to notification to this office by form 9-331 that it is ready for inspection, and note especially:
- (a) That the regulation dry-hole marker bears the correct legend as required in item 3.
 - (b) That rathole and mousehole are filled, not just bridged, and pits are filled and leveled.
 - (c) That all material and junk are gone. This includes deadmen protruding above the level ground surface.
 - (d) That reseeding or other required restoration work has been completed.
7. The U. S. Geological Survey district office address is:

<u>2000 Administration Building, 1745 West 1700 South</u>	
<u>Salt Lake City, Utah 84104</u>	<u>Phone 524-4590</u>
<u>Dist. Engr. E.W. Guynn</u>	<u>Home Phone 582-7042</u>
<u>Asst. Engr. W.P. Martens</u>	<u>Home Phone 466-2780</u>

8. The BLM contact man is: Cory Bodman, Vernal
Phone _____ (home)
Phone 801-789-1362 (office)



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

September 1, 1982

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

RE: Well #NGC 1-C-24
NWSW Sec. 24, T. 9S, R. 23E
Uintah County, Utah

Gentlemen:

Our records indicate that you have recently plugged and abandoned the referenced well without receiving the approval of this Division. Rule D-1, General Rules and Regulations and Rules of Practice and Procedures, Notice of Intention to Plug and Abandon - Methods and Procedure requires that:

(a) Before operations are commenced to plug and abandon any well drilled for the discovery of oil or gas, including any well drilled below the fresh water level, the owner or operator thereof shall give notice to the Division of the intention to so plug and abandon such well and have the same approved. Said notice shall contain, among other things, the location of the well and when such plugging operations will commence. The notice shall be upon a form prescribed by the Board, and shall contain all of the information requested thereon; provided however, that in cases of emergency the operator may obtain oral or telegraphic approval to plug and abandon, and of the method of plugging and abandoning the well. Within five (5) days after receiving oral or telegraphic approval, the operator shall file written notice as provided above.

(b) A dry or abandoned well must be plugged so that oil, gas, water or other substance will not migrate through the well bore from one formation to another. Unless a different method and procedure shall be approved by the Division, the method and procedure for plugging the well shall be as follows:

(1) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and a cement plug not less than one hundred (100) feet in length shall be placed immediately above each producing formation open to the well bore.

(2) A solid cement plug shall be placed from fifty (50) feet below a fresh water zone, or a 100-foot cement plug shall be cemented across the base of the fresh water zone and a 100-foot plug shall be centered across the top of the fresh water zone.

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen

(3) At least ten sacks of cement shall be placed at the surface so as to completely plug the entire hole. If more than one string of casing remains at the surface, all annuli shall be so cemented.

(4) The interval between plugs shall be filled with heavy mud-laden fluid.

(5) The hole shall be plugged with heavy mud up to the base of the surface string, at which point a plug of not less than fifty (50) feet of cement shall be placed.

(6) Any perforated interval shall be plugged with cement and any open-hole porosity zone shall be adequately isolated to prevent migration of fluids.

(7) A cement plug not less than one hundred (100) feet in length shall be centered across the casing stub if any casing is cut and pulled.

If a different rule of plugging is required under a Federal lease, it will be accepted by the Division.

Rule D-2, Report of Abandonment and Plugging states that:

Within thirty (30) days after the plugging of any well has been accomplished, the owner or operator thereof shall file a plugging report with the Division. The report shall give a detailed account of the manner in which the plugging work was carried out, including the nature and quantities of materials used in plugging, and the location and extent (by depths) of the plugs of different materials; records of any tests or measurements made and the amount, size and location (by depths) of casing left in the well; and statement of the volume of mud fluid used. If any attempt was made to part any casing, a complete report of the method used and results obtained must be included.

Rule D-4, Markers for Abandoned Wells States that:

Unless otherwise approved by the Division, all abandoned wells shall be marked with a permanent monument on which shall be shown the number, location of the well and the name of the lease. The monument shall consist of a piece of pipe not less than four (4) inches in diameter and not less than ten (10) feet in length, of which four (4) feet shall be above the ground level, the remainder being securely embedded in cement. The top of the pipe must be permanently sealed.

Page 3
Natural Gas Corporation of California
September 1, 1982

In the future, please obtain State approval prior to the commencement of any plugging and abandonment operations. Also, a detailed report of the plugging operations on the referenced well as outlined in Rule D-2 should be submitted to this Division.

Your cooperation in correcting this oversight and compliance with Division requirements in the future will be appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING



R. E. Firth
Chief Petroleum Engineer

RJF/as

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

November 17, 1982

Mr. R. J. Firth
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #1-C-24
NW SW Section 24, T.9S., R.23E.
Uintah County, UT

Dear Mr. Firth:

In response to your letter dated September 1, 1982, we regret not contacting your office for approval to plug and abandon the above referenced well. We did contact the Minerals Management Service and attached is the oral approval sheet filled out by the Minerals Management Service. The well was plugged as per the oral approval.

In the future we will make a sincere effort to contact your office as well as the Minerals Management Service.

Yours truly,

William A. Ryan
W. A. Ryan
Petroleum Engineer

WAR/kh

Attachment

cc: Bob Moorehead

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 848' FWL and 2253' FSL (NW SW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-D141694A ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-C-24

10. FIELD OR WILDCAT NAME
South Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 24, T.9S., R.23E.

12. COUNTY OR PARISH | 13. STATE
Uintah | Utah

14. API NO.
43-047-30156

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5201' GR

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

The subject well was plugged on April 13, 1982, using the following procedure approved on April 12, 1982:

Plug no. 1	6250'-6050'
Plug no. 2	5750'-5900'
Plug no. 3	4450'-4650'
Squeezed 20 sx at 510'	
Plug no. 4	400-500'

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: _____
BY: _____

Set a 20 sx surface plug and installed a dry hole marker. The location will be cleaned and rehabilitated in accordance with the Surface Use Plan.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Rick Carter TITLE _____ DATE _____

(This space for Federal or State office use)

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

cc: (3) BLM/Vernal; (1) BLM/SLC; Petro Lewis Corp.; Operations; Land; ERHenry; SFurtado