

FILE NOTATIONS  
FILE NOTATIONS

Entered in NID File

Sheet

Loose Maps Pinned

Card Indexed

IWR for State or Fee Land

✓  
✓  
✓  
✓

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

\_\_\_\_\_  
✓  
\_\_\_\_\_

COMPLETION DATA:

Date Well Completed

3-24-60

CW

WW

TA

GW

OS

PA ✓

Location Inspected

Bond released

State of Fee Land

✓ hlc

LOGS FILED

Driller's Log

Muskegon, MI  
2

Electric Logs (No. )

E

I

E-I

GR ✓

GR-N

Micro

Lat

Mi-L

Sonic ✓

Others

- |  |                                     |
|--|-------------------------------------|
| Scout Report sent out                              | <input type="checkbox"/>            |
| Noted in the NID File                              | <input type="checkbox"/>            |
| Location map pinned                                | <input type="checkbox"/>            |
| Approval or Disapproval Letter                     | <input type="checkbox"/>            |
| Date Completed, P. & A, or<br>operations suspended | <input checked="" type="checkbox"/> |
| Pin changed on location map                        | <input type="checkbox"/>            |
| Affidavit and Record of A & P                      | <input type="checkbox"/>            |
| Water Shut-Off Test                                | <input type="checkbox"/>            |
| Gas-Oil Ratio Test                                 | <input type="checkbox"/>            |
| Well Log Filed                                     | <input type="checkbox"/>            |
- Done*

January 26, 1960

State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

Gentlemen:

Enclosed please find two copies of the "Notice of Intention to Drill", with attached location plats for the Camay Drilling Company, Johnson Creek Unit #4, Section 31, Twp. 35 S., Rge. 22 E., San Juan County, Utah.

As noted on the "Notice of Intention to Drill" and on the location plat, the well location is an exception to the regular well spacing pattern, falling 185 feet south and 185 feet east of the C SE SE quarter of Section 31. Using the maximum allowable of 160 feet from the center of the quarter section, subject proposed location is 25 feet south and 25 feet east of this limit.

We are asking your permission to drill this unorthodox location because of topographic reasons. A location at the center of the southeast southeast would put the well on the steep cliff face below the Burro Canyon sandstone which is a rim rock in this area. To move the location the maximum footage allowable for an orthodox location (160 feet from the center of the quarter quarter section) the well would fall on the bench but would still be too close to the cliff edge to prepare the drillsite. Consequently, it was necessary to move an additional 25 feet south and 25 feet east in order to prepare a suitable location. A location at this spot will save our company considerable expense over the cost of having to build roads and building a location in the footage allowed for an orthodox location.

The ownership of all oil and gas leases within a radius of 660 feet of the proposed location is common with the owners of the oil and gas leases under the proposed location.



M. D. McBRIDE

Authorized Agent  
Camay Drilling Company

Enclosure

cc: U.S.G.S.

COMPANY STANDARD OIL COMPANY OF CALIFORNIA

Well Name & No.

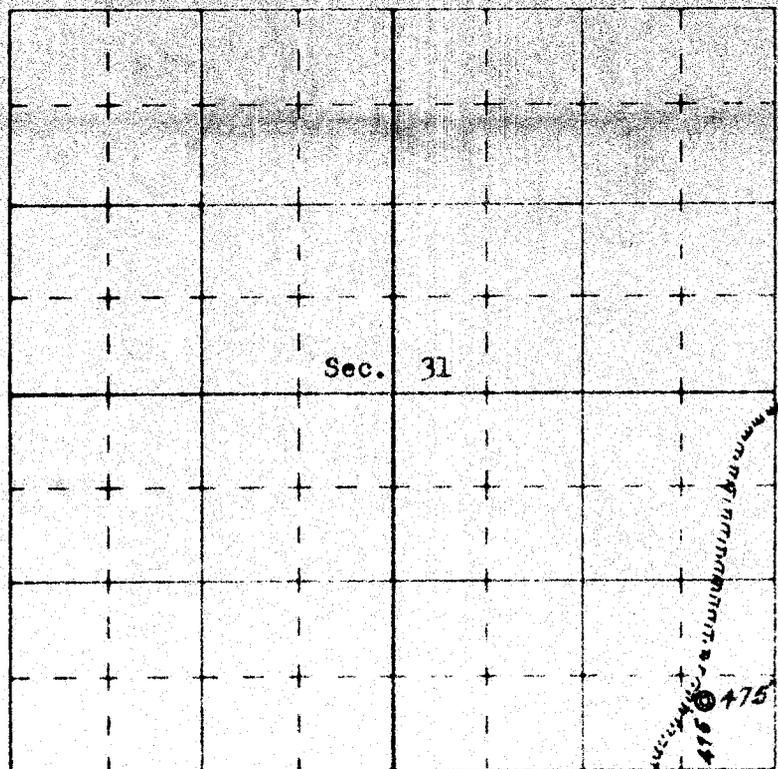
Lease No.

Location 475' FROM THE SOUTH LINE & 475' FROM THE EAST LINE

Being in SE SE SE

Sec. 31, T 35 S, R 22 E, S.L.M., San Juan County, Utah

Ground Elevation 6776' ungraded ground



Scale -- 4 inches equals 1 mile

Surveyed 23 January

19 60

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*James P. Lease*

Registered Land Surveyor.  
James P. Lease

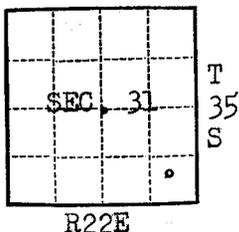
Utah Reg. No. 1472

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO



(SUBMIT IN TRIPLICATE)

Land Office SALT LAKE  
Lease No. U-09678  
Unit JOHNSON CREEK



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

January 27, 1960

Well No. 4 is located 475 ft. from SW line and 475 ft. from E line of sec. 31

SE SE Sec. 31 35 S 22 E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan County Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill~~ <sup>Ground level</sup> floor above sea level is 6776 ft. Est. Final elevation will be submitted when rig is on location.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Camay proposes to drill a 6560 foot test or to the top of the Paradox Salt.

Casing Program: Cement 9-5/8" casing at about 450' with sufficient cement to fill annulus to surface. If commercial production is indicated cement 5 1/2" casing thru lowermost productive zone.

Est. Fm. Tops: Hermosa 5325' - Ismay Zone 6265' - Desert Creek 6500' - Paradox Salt 6600'.

DST's: Will run drillstem tests on zones of interest indicated by samples and logs.

Logs: Will run electric logs from surface to total depth.

Tools: Rotary tools will be used to drill subject well.

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

Company CAMAY DRILLING COMPANY

Address 1535 Denver Club Building  
Denver 2, Colorado

By M. D. McPhee

Title Authorized Agent  
Camay Drilling Company

February 1, 1960

Camay Drilling Company  
1535 Denver Club Building  
Denver 2, Colorado

Attention: M. D. McBride

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Johnson Creek 4, which is to be located 475 feet from the south line and 475 feet from the east line of Section 31, Township 35 South, Range 22 East, S1E1M, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted under Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT  
EXECUTIVE SECRETARY

CBF:cp

cc: F. T. McGrath, Dist. Eng.  
U. S. Geological Survey  
Farmington, New Mexico

February 26, 1960 (Continued)

According to Jerry Long, U.S.G.S. engineer, the Pan American Petroleum Corporation's Featherstone B-1, located in the SE $\frac{1}{4}$  of Section 23, Township 40 South, Range 22 East, SLEB, has been inspected, the location is clean and marker set. Bond release has been recommended.

I went by the Humble Oil Company - Bluff Bench 13. They were drilling at 5660', and their operations were O. K.

I also visited Camay Drilling Company - Johnson Creek Unit 4. They were waiting on the surface casing cement to dry. They had set their 9-5/8" surface casing at 2384. They did not have their blowout preventer connected up, and the boiler did not have a working gauge on it. The location is not identified. The tool-pushers are notified of these things.

I visited Belco - State No. 1 in the Lisbon Valley, and they were preparing to test their blowout zone.

By H. L. Coonts  
Petroleum Engineer

By recorder:co

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER U-09678  
UNIT Johnson Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SAN JUAN Field WILDCAT  
The following is a correct report of operations and production (including drilling and producing wells) for the month of February 1960  
Agent's address 1535 Denver Club Bldg., Denver, Colo. Company Camay Drilling Company  
AM6-0331 Signed [Signature] Authorized Agent, Camay Drlg. Co.  
Agent's title \_\_\_\_\_  
Phone \_\_\_\_\_

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)
Sec. 31 SE SE	35S	22E	4							3-1-60 3891' drilling red siltstone - probably Cedar Mesa Fm. Well spudded 2-8-60. Cemented 9-5/8" surface casing at 2379' with 550 sacks - good cement returns to surface.

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.

**CAMAY DRILLING COMPANY**

ROCKY MOUNTAIN DIVISION

1535 DENVER CLUB BUILDING  
DENVER 2, COLORADO

March 3, 1960

Re: Johnson Creek #4  
San Juan County, Utah

State of Utah Oil & Gas Conserv. Comm.  
10 Exchange Place  
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

Enclosed is a copy of the February 1960 Lessee's Monthly  
Report of Operations for the captioned well.

Very truly yours,

CAMAY DRILLING COMPANY

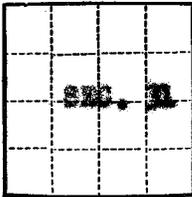


M. D. McBride  
Division Manager

MDM:TAS  
Enclosure

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City  
Lease No. U-09676  
Unit Johnson Creek



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<input checked="" type="checkbox"/>		

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

..... 3-28-60, 19.....

Well No. 4 is located 475 ft. from S line and 475 ft. from E line of sec. 31

SE 34 Sec. 31 (1/4 Sec. and Sec. No.)      35 S. (Twp.)      22 E. (Range)      Salt Lake (Meridian)  
Wildcat (Field)      San Juan County (County or Subdivision)      Utah (State or Territory)

The elevation of the derrick floor above sea level is 6786 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well had a total depth of 6337' bottoming 9' in the Paradox Salt.  
Log Tops: Barro Canyon - Surface, Sidinarump 2872, Moenkapi 3617, Cutler 3222, Cedar Mesa 3718, Halgaito 4212, Hermosa 5000, Upper Ismay 5962, Lower Ismay 6113, Desert Creek 6199, Salt 6328.  
Casings: 9-5/8" surface casing cemented at 2379'.  
Shows: Spotty oil staining in 7' (6043-6051') Upper Ismay zone but core analysis showed interval to be tite.  
Proposed: 40 sax cement 6337 to 6237' - 50 sax cement 5050-4900'.  
Plugs: 40 sax cement 3275 to 3175' - 20 sax cement 2390-2340', and 15 sax cement 0 to 20'.

Erect location marker and clean up location.

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

Company CANAY DRILLING COMPANY  
Address 1535 Denver Club Building  
Denver 2, Colorado

By M. E. M. [Signature]  
Title Authorized Agent  
Canay Drilling Company



**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

**TOOLS USED**

Rotary tools were used from Surface feet to 6337 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ ~~Put to producing~~ 2-24, 1960  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_%  
 emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

W. A. Baxter, Driller D. E. Miner, Driller  
J. C. Hatley, Driller J. D. Elam, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
SAMPLES NOT EXAMINED ABOVE 5670 FEET. TOPS GIVEN WILL BE LOG TOPS:			
Surf	2872	2872	Burro Canyon Fm. & underlying units to Shinarump Fm.
2872	3017	145	Shinarump Sandstone.
3017	3222	205	Moenkopi Shale.
3222	3718	496	Cutler Sandstone, shale & Siltstone.
3718	4212	494	Cedar Mesa sandstone.
4212	5020	808	Halgaito Siltstone & Shale.
5020	5962	942	Hermosa
5670	5685	15	Limestone, med tn gy, micro-xln dns.
5685	5738	53	Shale, med gy, calc, sft.
5738	5774	36	Limestone, lt tn-gy, micro-xln, tr oolitic.
5774	5798	54	Shale, med gy, mott, sl calc, sft.
5798	5866	68	Limestone, lt tn-gy, elastic-micro-xln, dns.
5866	5886	20	Shale, med gy, sl calc, mod hd.
5886	5926	40	Limestone, tan, micro-xln.
5926	5962	40	Siltstone, med-dk gy with tr blk sh.
5962	6176	214	Upper Ismay Zone (Cored 5972-6030').
5962	5985	23	Limestone, dk gy-brn, micro-xln & anhyd, wh.
5985	6026	41	Dolomite, h-dk gy micro-xln, ptly earthy, minor anhyd.
6026	6065	39	Limestone, lt-med gy, micro-xln, some ool or pellet, tr scatt por.
6065	6113	48	Shale, blk, hd, calc.

(OVER)

16-48094-4

**FORMATION RECORD - Continued**



LOGS 2-330

REVISED

SERIAL NUMBER

DATE ISSUED OFFICE

YBBO  
BINGO

3-31-60  
45-13327

STAFF HERE



**CAMAY DRILLING COMPANY**

ROCKY MOUNTAIN DIVISION  
1535 DENVER CLUB BUILDING  
DENVER 2, COLORADO

March 29, 1960

Re: Johnson Creek #4  
San Juan County, Utah

State of Utah Oil & Gas Conserv. Comm.  
10 Exchange Place  
Salt Lake City 11, Utah

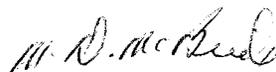
Attention: Mr. Cleon B. Feight

Gentlemen:

Enclosed is a copy of the Notice of Intention to Abandon the  
captioned well.

Very truly yours,

CAMAY DRILLING COMPANY



M. D. McBride  
Division Manager

MDM:TAS  
Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.  
Approval expires 12-31-60.

LAND OFFICE Salt Lake  
LEASE NUMBER U-09678  
UNIT Johnson Creek

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SAN JUAN Field WILDCAT

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1960,

Agent's address Canay Drilling Company Company Canay Drilling Company

1535 Denver Club Bldg., Denver, Colorado Signed [Signature]

Phone AM6-0331 Agent's title Authorized Agent, Canay Drlg. Co.

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)
SE SE Sec. 31	35S	22E	4							TD 6337'. Well plugged & abandoned March 24, 1960. No tests were run. Log tops: Barro Canyon - Surf Shinarump 2872 Moenkopi 3017 Cutler 3222 Cedar Mesa 3718 Halgaito 4212 Hermosa 5020 U. Ismay 5962 L. Ismay 6113 Desert Creek 6199 Akah 6298 Salt 6328

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.

**CAMAY DRILLING COMPANY**  
ROCKY MOUNTAIN DIVISION  
1535 DENVER CLUB BUILDING  
DENVER 2, COLORADO

March 30, 1960

Re: Johnson Creek #4  
San Juan County, Utah

State of Utah Oil & Gas Conserv. Comm.  
10 Exchange Place  
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

Enclosed is a copy of the Log (Form 9-330) on the captioned well, together with one copy of the Sonic Log and one copy of the Induction-Electrical Log.

Very truly yours,

CAMAY DRILLING COMPANY



M. D. McBride  
Division Manager

MDM:TAS  
Enclosures

MAR 31 1960

*AWK* *RPS*  
**CAMAY DRILLING COMPANY**

ROCKY MOUNTAIN DIVISION  
1535 DENVER CLUB BUILDING  
DENVER 2, COLORADO

April 5, 1960

State of Utah  
Oil and Gas Conservation Comm.  
10 Exchange Place  
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

Enclosed for your records are papers on the captioned well, as follows:

Lessee's Monthly Report of Operations for  
March, 1960

Subsequent Report of Abandonment

Very truly yours,

CAMAY DRILLING COMPANY

*M. D. McBride*

M. D. McBride  
Division Manager

MDM:TAS  
Enclosures

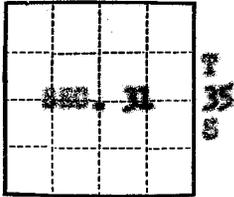
*W* *4*

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-0967A

Unit Johnson Creek



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

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

April 5, 1960

Well No. 4 is located 475 ft. from S line and 475 ft. from E line of sec. 31

SE 36 Sec. 31 35 S. 22 E. Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan County Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6786 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well had a total depth of 6337', bottoming 9' in Paradex Salt.  
Casing: 9-5/8" surface casing cemented at 2379'.

The well was plugged in the following manner:

- 0-20' Surf. plug - 15 sacks with abandonment marker set in cement.
- 2340-2390' 20 sacks cement.
- 3175-3275' 40 sacks cement.
- 4900-5050' 50 sacks cement.
- 6237-6337' 40 sacks cement.

Location cleaned up and ready for inspection.

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

Company CANAY DRILLING COMPANY

Address 1535 Denver Club Building  
Denver 2, Colorado

By M. D. McPhee

Title Authorized Agent,  
Canay Drilling Company