

FILE NO. 15

\_\_\_\_\_ ✓

Checked by Chief \_\_\_\_\_ *AS*

Sheet \_\_\_\_\_

Copy NID to Field Office \_\_\_\_\_

Log M.p Pinned \_\_\_\_\_ ✓

Approval Letter \_\_\_\_\_ ✓

Card Indexed \_\_\_\_\_ ✓

Disapproval Letter \_\_\_\_\_

IWR for State or Fee Land \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 10-23-61

Location Inspected \_\_\_\_\_ *HPG*

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA ✓

State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 11-1-61

Electric Logs (No. ) 2

E \_\_\_\_\_ I \_\_\_\_\_ EI \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_

Lat: L Mi-L \_\_\_\_\_ Sonic ✓ Others \_\_\_\_\_

Cop + HC

RJS

Form 9-331a  
(Feb. 1961)

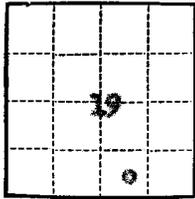
Budget Bureau No. 42-R368.4  
Approval expires 12-31-60.

(SUBMIT IN TRIPPLICATE)

Land Office Salt Lake City

Lease No. Utah 036011

Unit \_\_\_\_\_



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)

..... September 11, ....., 19 61

Lost Canyon USA  
Well No. 1 is located 730 ft. from {N} line and 1910 ft. from {E} line of sec. 19

SW SE Sec. 19      30S      20E      S.L.B.M.  
 (¼ Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

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

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. Elevations will be furnished later.

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)

Proposed Casing Program

- 80' - 16" OD Conductor casing (Cemented to surface)
- 700' - 10-3/4" OD Surface casing (Cemented to surface)
- 5,700' - 5-1/2" OD Production casing (Cemented to meet conditions encountered)

Principal objective - Basal-Devonian

Estimated Total Depth - 5,700'

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By J. B. Strong  
J. B. Strong

Title District Chief Clerk

# THE PURE OIL COMPANY LOCATION REPORT

Date September 1, 1961

A.F.E. No. 4518

Division Northern Producing

Prospect District Lost Canyon

Lease U.S.A. (Utah 036011)

Acres 280 Lease No. 9191

Ung. Gr. 4990 Well No. 1 (Serial No. \_\_\_\_\_)  
Blk. \_\_\_\_\_  
Dist. \_\_\_\_\_  
Twp. \_\_\_\_\_

Quadrangle SW SE Sec. 19 Twp. 30S Rge. 20E

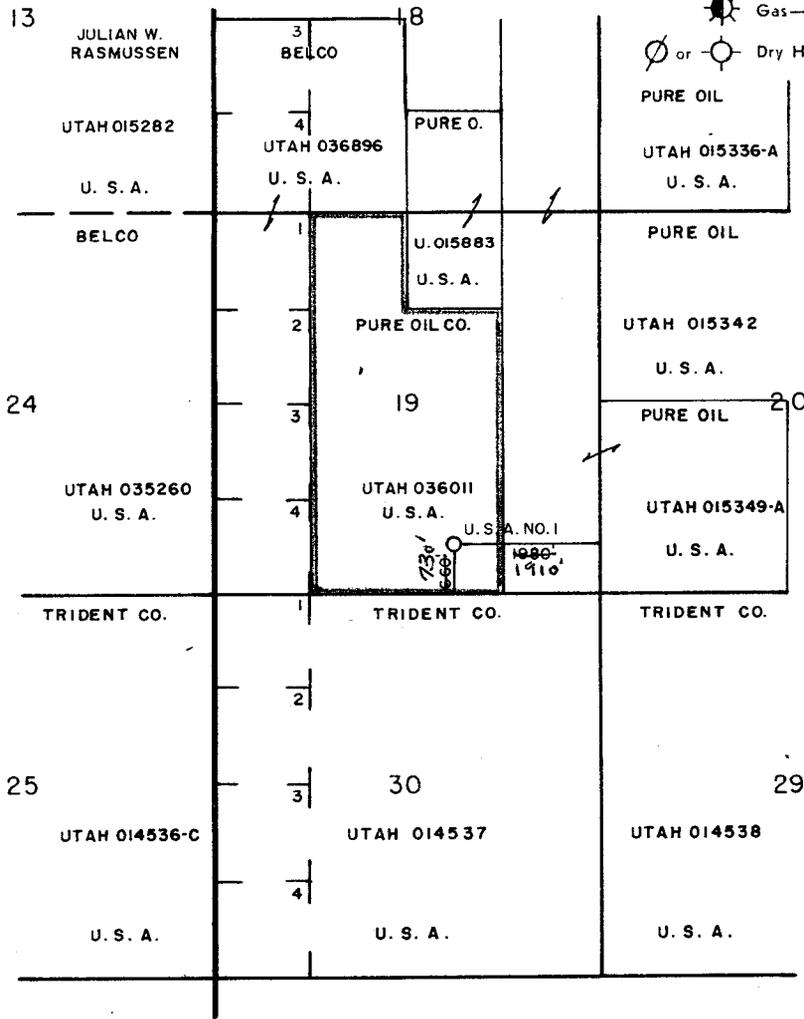
Survey S.L.B.M. County San Juan State Utah

Operator The Pure Oil Company Map Utah 3-4

730 560 Feet North of the South line of Section  
1910 1980 Feet West of the East line of Section  
Feet \_\_\_\_\_ of the \_\_\_\_\_ line of \_\_\_\_\_  
Feet \_\_\_\_\_ of the \_\_\_\_\_ line of \_\_\_\_\_

### LEGEND

- Location
- ☀ Gas Well
- Oil Well
- ☀ Gas—Distillate Well
- ∅ or ○ Dry Hole
- ☀ or ☀ Abandoned Location
- ☀ or ☀ Abandoned Gas Well
- or ● Abandoned Oil Well
- or ○ Input Well



Scale 2" = 1 MILE

Remarks: \_\_\_\_\_

Submitted by *R. J. ...* Civil Engineer

Approved by \_\_\_\_\_ Division Manager

Approved by \_\_\_\_\_ Vice-President—General Manager

September 14, 1961

The Pure Oil Company  
P. O. Box 265  
Moab, Utah

Attn: J. B. Strong, Dist. Chief Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Lost Canyon USA #1, which is to be located 730 feet from the south line and 1910 feet from the east line of Section 19, Township 30 South, Range 20 East, S1EM, San Juan County, Utah.

Please be advised that ~~as~~sofar as this office is concerned approval to drill said well is hereby granted.

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

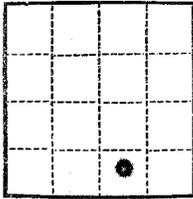
CLEON B. FEIGHT,  
EXECUTIVE SECRETARY

CBF:awg

cc: Mr. Jerry W. Long, Dist. Eng.  
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

Form 9-381a  
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. Utah 036011

Unit \_\_\_\_\_

Sec. 19 **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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

September 26, 1961

Lost Canyon USA  
Well No. 1 is located 730 ft. from N line and 1910 ft. from W line of sec. 19  
SW SE Sec. 19 306 20E S.L.P.M.  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.  
**Elevations will be furnished later.**  
**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)

Spudded at 8:00 p.m. 9-21-61.

Set 2 jts. 16" OD 65# H-40 casing at 43' KB measurement. Cemented with 50 sack regular cement with 2% calcium chloride. Job complete at 4:30 a.m. 9-23-61.

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

Company The Pure Oil Company  
Address P. O. Box 265  
Moab, Utah  
Alpine 3-3581

By J. B. Strong  
J. B. Strong  
Title District Chief Clerk



# THE PURE OIL COMPANY

NORTHERN PRODUCING DIVISION • Four Corners District  
P. O. BOX 265 • MOAB, UTAH • ALPINE 3-3581

September 26, 1961

Mr. Cleon B. Feight, Executive Secretary  
Utah Oil and Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

Dear Mr. Feight:

It is respectfully requested that all information on The Pure Oil Company Lost Canyon USA No. 1 be held confidential for a period of ninety (90) days.

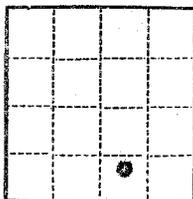
Yours very truly,

THE PURE OIL COMPANY

J. B. Strong  
District Chief Clerk

*Rec'd*  
SEP 27 1961

*(Release on Dec 26 '61)*



Sec. 19

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. Utah 036011  
Unit \_\_\_\_\_

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	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

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

September 29, 19 61

Lost Canyon USA

Well No. 1 is located 730 ft. from N line and 1910 ft. from E line of sec. 19

SW SE Sec. 19  
(¼ Sec. and Sec. No.)

30S 20E  
(Twp.) (Range)

S.L.P.M.  
(Meridian)

Wilcoast  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.  
Elevations will be furnished later.

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)

9-28-61 Set 18 jts. of 10-3/4" OD 32.50# casing at 566' with 175 sax of 50-50 Pozmix with 6% gel, 1# Tufplug, 1/4# Floccle and 2% calcium chloride and 100 sax regular cement with 2% calcium chloride. Cement circulated. Plug down at 4:00 a.m. 9-29-61. Now W.O.C.

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

Company The Pure Oil Company  
Address P. O. Box 265  
Moab, Utah  
Alpine 3-3581

By J. B. Strong  
J. B. Strong  
Title District Chief Clerk

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

LAND OFFICE Salt Lake City  
LEASE NUMBER Utah 036011  
UNIT .....

## 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 September, 1961,

Agent's address P. O. Box 265 Company The Pure Oil Company  
Moab, Utah Signed \_\_\_\_\_

Phone Alpine 3-3581 Agent's title District Chief Clerk

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)	
SW SE Sec. 19 Lost Canyon USA No. 1	30S	20E	1	-0-			Location: 730' PSL and 1910' FEL. Laughlin-Simmons elevations OR 4998'; KB 5009'. Spudded 8:00 p.m. 9-21-61. Set 2 jts. 16" OD conductor at 43' KB with 50 sax of regular cement with 2% calcium chloride. Job complete at 4:30 a.m. 9-23-61. Drilled to 566'. Set 18 jts. of 10-3/4" OD 32.50# casing at 566' with 175 sax 50-50 Pozmix with 6% gel, 1# Tusplug, 1/4# Floccle, 2% calcium chloride and 100 sax regular cement with 2% calcium chloride. Good returns. Job complete at 4:00 a.m. 9-29-61. Drid 566' to 905' - Incomplete.				

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.

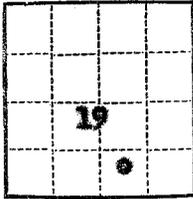
Form 9-331a  
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. Utah 036011

Unit \_\_\_\_\_



Sec. 19

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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

October 11, 1961

Lost Canyon USA

Well No. 1 is located 730 ft. from N line and 1910 ft. from E line of sec. 19

SW SE Sec. 19  
(¼ Sec. and Sec. No.)

30S 20E  
(Twp.) (Range)

S.L.P.M.  
(Meridian)

Wildcat  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~depth~~ <sup>ground</sup> above sea level is 4998 ft. KB 5009'

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)

10-10-61: DST No. 1 - 3742' - 3807' - Lower Paradox Tool open one hour. Opened with a weak blow for 10 minutes and died. Recovered 15' of drilling mud. Pressures: IH 2020; 57 minute ICI 95; IP and FF 95; 45 minute FCI 95; FH 2020. Bottom hole temp. 92° F.

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

Company The Pure Oil Company

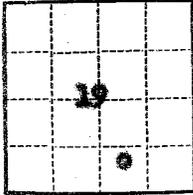
Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By J. B. Strong  
Title District Chief Clerk

Form 9-331a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. Utah 036011

Unit \_\_\_\_\_

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	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL			

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

October 13, 1961

Lost Canyon USA

Well No. 1 is located 730 ft. from N line and 1910 ft. from W line of sec. 19

SW SE Sec. 19  
(¼ Sec. and Sec. No.)

30S  
(Twp.)

20E  
(Range)

S.L.P.M.  
(Meridian)

Wilcox  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~derrier floor~~ ground above sea level is 4998 ft. KB elevation 5009 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)

10-13-61:

DST NO. 2 - 4103' - 4173' - Top of Miss. Tool open one hour. Opened with a weak blow, died in 5 minutes. Recovered 10' of drilling mud. Pressures: IH and FH 2140#; 30 minute ICI and FCI 85#; IF and FF 85#; Bottom hole temp. 97°.

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By J. B. Strong  
J. B. Strong  
District Chief Clerk

Title \_\_\_\_\_

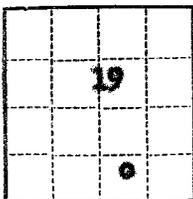
Form 9-381a  
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. Utah 036011

Unit \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

October 18, 1961

Lost Canyon USA  
Well No. 1 is located 730 ft. from N line and 1910 ft. from W line of sec. 19

SW 1/4 Sec. 19 30N 20E S.L.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ceiling floor~~ <sup>ground</sup> above sea level is 4998 ft. ~~KB~~ elevation 5009'.

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)

10-16-61:

DST NO. 3 - 4428' - 4528' - Mississippian

Tool open 2 hours. Opened with a weak blow, increased to good blow in 5 minutes and remained steady throughout test. Recovered 1120' of salty sulphur water. Pressures: IH and FH 2360#; 30 minute ICI 1550#; IF 150#; FF 515#; 30 minute FCI 1120#; Bottom hole temperature 102°.

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

Company The Pure Oil Company

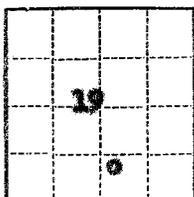
Address P. O. Box 265

Moab, Utah

Alpine 3-3581

By J. B. Strong  
J. B. Strong  
Title District Chief Clerk

Form 9-331a  
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lense No. Utah 036011  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
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)

October 23, 19 61

Lost Canyon USA  
Well No. 1 is located 730 ft. from N line and 1910 ft. from E line of sec. 19  
SW SE Sec. 19 30S 20E S.L.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ <sup>ground</sup> above sea level is 4998 ft. KB elevation 5009'.

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)

Drilled to 5205 TD by driller. 5215 TD by Schlumberger. Drilling completed 5:30 a.m. 10-22-61. Ran electric logs.

10-22-61: DST No. 4 - 5070-5215 Tool open one hour. Opened with a weak blow, died in 45 minutes. Recovered 20' of drilling mud. Pressures: IN 2730; 30 minute ICI 1485; IF and FF 145; 30 minute FCI 1440; FH 2685.

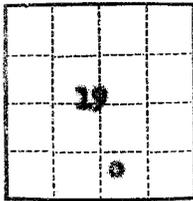
LOG TOPS

Hermosa	565' (+1414)	Mississippian	4377' (+ 632)
Paradox A	1085' (+3124)	Ouray	4908' (+ 101)
Top of salt	2136' (+2873)	Elbert	5028' (- 19)
Base of salt	3916' (+1093)	McCracken	5157' (- 148)

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

Company The Pure Oil Company  
Address P. O. Box 265  
The Pure Oil Company  
Alpine 3-3581  
By J. B. Swanson  
Title District Chief Clerk

Form 9-331a  
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. Utah 036011  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	X	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

October 23, 1961

Lost Canyon USA  
Well No. 1 is located 730 ft. from N line and 1910 ft. from E line of sec. 19  
SW SE Sec. 19                      30S                      20E                      S.L.P.M.  
(1/4 Sec. and Sec. No.)                      (Twp.)                      (Range)                      (Meridian)  
Wildcat                      San Juan                      Utah  
(Field)                      (County or Subdivision)                      (State or Territory)

The elevation of the ~~surface~~ <sup>ground</sup> floor above sea level is 4998 ft. KB elevation 5009'.

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)

Propose to plug and abandon well as follows:

- 1st Plug: 5058-4908 - Oury - 150' - 75 sax regular cement.
- 2nd Plug: 4527-4377 - Mississippian - 150' - 75 sax regular cement.
- 3rd Plug: 3964-3916 - Base of salt - 50' - 25 sax salt saturated cement.
- 4th Plug: 2286-2136 - Top of salt - 150' - 75 sax salt saturated cement.
- 5th Plug: 516-616 - 50' up into and 50' below 10-3/4" casing, total of 100', using 50 sax cement
- 6th Plug: 10 sax of regular cement in top of surface casing with dry hole marker installed in accordance with U.S.G.S. regulations.

Verbal approval obtained 10-23-61 from Durango U.S.G.S. office and from Mr. Schmidt, USGOC, Salt Lake City.

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

Company The Pure Oil Company  
Address P. O. Box 265  
Moab, Utah  
Alpine 3-3581  
By J. B. Strong  
Title District Chief Clerk

"Confidential"

OCTOBER 23, 1961

Memo FOR FILING:

Re: PURE OIL Co  
Lost Canyon #1  
Sec 18 T30S R20E  
SAN JUAN County

ON THIS DATE I APPROVED A PLUGGING PROGRAM FOR THE ABOVE WELL. THE PROGRAM HAD BEEN SET UP & APPROVED PREVIOUSLY BY THE U.S.G.S., HOWEVER I DID ADD TWO PLUGS TO THE PROGRAM:

<u>DEPTH</u>	<u>FORMATION</u>	<u>PLUG</u>
5157'	MCCORMEN	150'
4908'	OURAY -	150'
4377'	MISSISSIPPIAN	150'
* 3916	BASE PARADOX SALT	50'
* 3742	Top " "	50'
566	SURFACE PIPE	50 IN - 50 OUT
1	SURFACE PLUG	10 - 20 5X

\* THESE PLUGS I ADDED TO THE U.S.G.S.- APPROVED PROGRAM.

Harvey K. Counts  
Petroleum Engineer

October 23, 1961

MEMO FOR FILING:

CONFIDENTIAL

Re: Pure Oil Co.  
Lost Canyon #1  
Sec. 18, T. 30 S, R. 20 E.  
San Juan County, Utah

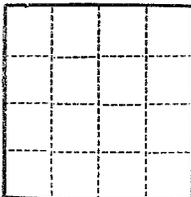
On this date I approved a plugging program for the above well. The program had been set up and approved previously by the USGS, however, I did add two plugs to the program:

<u>DEPTH</u>	<u>FORMATION</u>	<u>PLUG</u>
5157'	McCracken	150'
4908'	Ouray	150'
4377'	Mississippian	150'
*3916'	Base Paradox Salt	50'
*3742'	Top Paradox Salt	50'
566'	Surface Pipe	50 in - 50 out
1'	Surface Plug	10-20 sx.

\* These plugs I added to the USGS approved program.

HARVEY L. COONTS,  
PETROLEUM ENGINEER

HLC:kpB



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. Utah 036011

Unit \_\_\_\_\_

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.....	<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)

October 24, 1961

Lost Canyon USA

Well No. 1 is located 730 ft. from NS line and 1910 ft. from E line of sec. 19

SW SE Sec. 19  
(¼ Sec. and Sec. No.)

30E  
(Twp.)

20E  
(Range)

S.L.P.M.  
(Meridian)

Wildcat  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~ground surface~~ <sup>ground</sup> above sea level is 1998 ft.

NS elevation 5000 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)

TD 5215

Well Plugged and Abandoned as follows: October 23, 1961

1950'-1800' - 150' - 50 sx salt saturated cement.

1850'-1300' - 150' - 50 sx salt saturated cement.

3925'-3875' - 50' - 30 sx salt saturated cement.

2200'-2050' - 150' - 75 sx salt saturated cement.

620' - 520' - 100' - 65 sx salt saturated cement.

10 sx salt saturated cement in top of surface casing with dry hole marker installed according to U.S.O.S. Regulations.

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

By J. B. Strong  
J. B. Strong  
Title District Chief Clerk



# THE PURE OIL COMPANY

NORTHERN PRODUCING DIVISION • Four Corners District  
P. O. BOX 265 • MOAB, UTAH • ALPINE 3-3581

October 25, 1961

Mr. Cleon B. Feight  
Executive Secretary  
Utah Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

Dear Mr. Feight:

The information on The Pure Oil Company  
Horsehead Unit No. 1, located in the C NW SW,  
Section 18, 29 S, 21 E, San Juan County, Utah  
and on the Lost Canyon USA No. 1, located in  
the SW SE, Section 19, 30 S, 20 E, San Juan County,  
Utah is no longer to be kept confidential.

Your cooperation on this matter has been  
greatly appreciated.

Yours very truly,

THE PURE OIL COMPANY

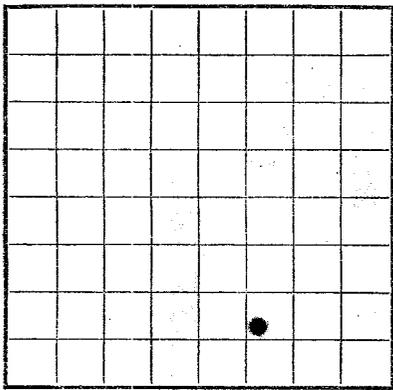
J. B. Strong,  
District Chief Clerk

JBS:mc

Released  
1961 OCT 26 100  
Cof

15 R-72

U. S. LAND OFFICE Salt Lake City  
SERIAL NUMBER Utah 036011  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P.O. Box 265 - Moab, Utah

Lessor or Tract U. S. Government Field Wildcat State Utah

Well No. 1 Sec. 19 T. 30S R. 20E Meridian S.L.P.M. County San Juan

Location 730 ft. N. of S Line and 1910 ft. E. of E Line of SW SE, Sec. 19 Elevation 5009' Dr. 1998'  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J. B. Strong Title District Chief Clerk

Date October 31, 1961

The summary on this page is for the condition of the well at above date.

Commenced drilling September 21, 1961 Finished drilling October 22, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
<u>16"</u>	<u>62</u>	<u>8</u>	<u>Halliburton</u>	<u>10-3/4'</u>	<u>Drilling</u>				<u>Drilling</u>
<u>10-3/4"</u>	<u>37</u>	<u>8</u>	<u>Halliburton</u>	<u>10-3/4'</u>	<u>Drilling</u>				<u>Drilling</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>16"</u>	<u>43'</u>	<u>50</u> <u>sz</u>	<u>Halliburton</u>		
<u>10-3/4"</u>	<u>566'</u>	<u>275</u> <u>sz</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to 5215 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Well Plugged & Abandoned: October 23, 1961 Put to producing \_\_\_\_\_, 19\_\_\_\_  
Dry Hole

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. \_\_\_\_\_

FOLD MARK

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

**CASING RECORD**

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
16"	65#	8-R	NBS	43'	Coupling				Cemented to surface.
10-3/4"	32.75#	8-R	NBS	566'	Float				

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	566'	275 ex	Halliburton		

**PLUGS AND ADAPTERS**

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

**SHOOTING RECORD**

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

**TOOLS USED**

Rotary tools were used from \_\_\_\_\_ feet to zero feet, and from 5215 feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

Well Plugged & Abandoned: 1961  
October 23,  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment.  
 Put to producing \_\_\_\_\_, 19\_\_\_\_  
Dry Hole  
 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**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	20'	20'	Surface sand.
20'	43'	23'	Sand and shale.
43'	77'	34'	Sand.
77'	136'	59'	Sand and rock.
136'	204'	68'	Sand.
204'	566'	362'	Sandy rock.
566'	905'	339'	Sand.
905'	1510'	605'	Sandy lime.
1510'	1726'	216'	Sandy lime and shale.
1726'	1865'	139'	Sandy lime.
1865'	2070'	205'	Lime and dolomite.
2070'	2610'	540'	Salt.
2610'	3270'	660'	Salt and shale.
3270'	3807'	537'	Lime and shale.
3807'	3978'	171'	Shale, lime and some salt.
3978'	4173'	79'	Lime and shale.
4173'	4352'	179'	Lime, dolomite and sandy shale.
4352'	4445'	93'	Lime.
4445'	4528'	83'	Lime and dolomite.
4528'	4871'	343'	Lime and sandy shale streaks.
4871'	4993'	122'	Lime and chert.
4993'	5075'	82'	Lime, dolomite and some chert.
5075'	5150'	75'	Lime.
5150'	5215'	65'	Lime, sand and chert.

**5215' TOTAL DEPTH**

**FORMATION RECORD—Continued**

FROM--	TO--	TOTAL FEET	FORMATION
<p><b>DST No. 1, 3742' - 3807', Lower Paradox.</b> Tool open one hour. Opened with weak blow for 10 minutes and died. Recovered 15' of drilling mud. Pressures: IH 2020, 57 minute ICI 95, IF and FF 95, 45 minute FCI 95, FH 2020. Bottom hole temperature 92°.</p>			
<p><b>DST No. 2, 4103' - 4173', top of Mississippian.</b> Tool open one hour. Opened with a weak blow, died in 5 minutes. Recovered 10' of drilling mud. Pressures: IH 2140, 30 minute ICI 85, IF and FF 85, 30 minute FCI 85, FH 2140. Bottom hole temperature 97°.</p>			
<p><b>DST No. 3, 4428' - 4528', Mississippian.</b> Tool open 2 hours. Opened with a weak blow, increased to good blow in 5 minutes and remained steady throughout test. Recovered 1120' of salty sulphur water. Pressures: IH 2360, 30 minute ICI 1550, IF 150, FF 515, 30 minute FCI 1120, FH 2360. Bottom hole temperature 102°.</p>			
<p><b>DST No. 4, 5070' - 5215'.</b> Tool open one hour. Opened with a weak blow, died in 45 minutes. Recovered 20' of drilling mud. Pressures: IH 2730, 30 minute ICI 1485, IF and FF 145, 30 minute FCI 1440, FH 2685.</p>			
<b>IMPORTANT MARKERS</b>			
Hermosa	565'	(+ 4444)	
Paradox "A"	1885'	(+ 3124)	
Top of Salt	2136'	(+ 2873)	
Base of Salt	3916'	(+ 1093)	
Mississippian	4377'	(+ 632)	
Ourray	4908'	(+ 101)	
Elbert	5028'	(- 19)	
McCracken	5157'	(- 148)	

**HISTORY OF OIL OR GAS WELL**

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

LAND OFFICE Salt Lake City  
LEASE NUMBER Utah 036011  
UNIT \_\_\_\_\_

## 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 October, 1961,

Agent's address P. O. Box 265 Company The Pura Oil Company  
Moab, Utah Signed [Signature]

Phone Alpine 3-3581 Agent's title District Chief Clerk

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)
SW SE Lost Canyon Sec. 19	30S	20E	1 USA No. 1	-0-						<p>Drilled 905' to 3978'. DST No. 1 - 3742'-3807'. Recovered 15' of drilling mud. Drilled to 4173'. DST No. 2 - 4103' - 4173'. Recovered 10' of drilling mud. Drilled to 4528'. DST No. 3 - 4428'-4528'. Recovered 1120' of salty sulphur water. Drilled to 5215' TD. Drilling completed 10-22-61. Ran electric logs to TD. DST No. 4 - 5070'-5215'. Recovered 20' of drilling mud. Well P &amp; A 10-23-61 using a total of 280 sax of salt saturated cement as follows:</p> <p>Plug No. 1 - 4950' - 4800' - 150' - 50 sax            Plug No. 2 - 4300' - 4450' - 150' - 50 sax            Plug No. 3 - 3925' - 3875' - 50' - 30 sax            Plug No. 4 - 2200' - 2050' - 150' - 75 sax            Plug No. 5 - 620' - 520' - 100' - 65 sax</p> <p>Surface plug 10 sax. Installed dry hole marker in accordance with U.S.G.S. regulations. Rig released 10-23-61. <u>FINAL</u></p>

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.

February 28, 1962

Pure Oil Company  
P. O. Box 265  
Moab, Utah

Attn: J. B. Strong, District Chief Clerk

Re: Well No. Lost Canyon USA #1,  
Sec. 19, T. 30 S., R. 20 E.,  
San Juan County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radio-activity logs for the above mentioned well are due and have not as yet been filed with this office as required by our rules and regulations.

Your prompt attention to the above request will be very much appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KAREN BERGMAN,  
RECORDS CLERK

KB