

ONS

NID File Checked by Chief
 S R Sheet Copy NID to Field Office
 Map Pinned Approval Letter
 _____ Disapproval Letter _____
 IWA for State or Fee Land _____

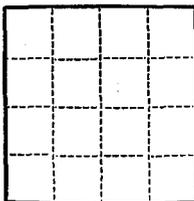
GATHERED DATA:
 Date Well Completed 12-30-59 Location Inspected
 OW _____ VWA _____ TA _____ Bond released _____
 GW _____ OS _____ PA State of Fee Land _____

LOGS FILED

Driller's Log 44-60
 Electric Logs (No.) 3
 E _____ L _____ E-1 GR _____ GR-N _____ Micro _____
 Lat _____ MI-L _____ Sonic _____ Others Radiocativity Log
Contact Cooper Log

*Verbal Approval to
Covington CB7*

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P. & A, or operations suspended 12-31-59 PE
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed



(SUBMIT IN TRIPLICATE)

Land Office Salt Lake
Lease No. SL-070389
Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

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)

Dalton lease

November 20, 1959

Well No. 1 is located 898 ft. from S line and 1,250 ft. from Ex W line of sec. 10

SW SW Sec. 10
(¼ Sec. and Sec. No.)

17S
(Twp.)

20E
(Range)

Salt Lake
(Meridian)

(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5,268 ft. ground

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)

We propose to drill a well at this location to a total depth of 6,200 feet or the top of the salt. The principal objective is the Bluff Zone anticipated at 5,000 feet. The secondary objective is the Desert Creek Zone anticipated at 5,240 feet.

We expect to run 100 feet of 13 3/8" OD casing. Will set 8 5/8" OD casing through water flow in the Navjo if water is encountered.

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

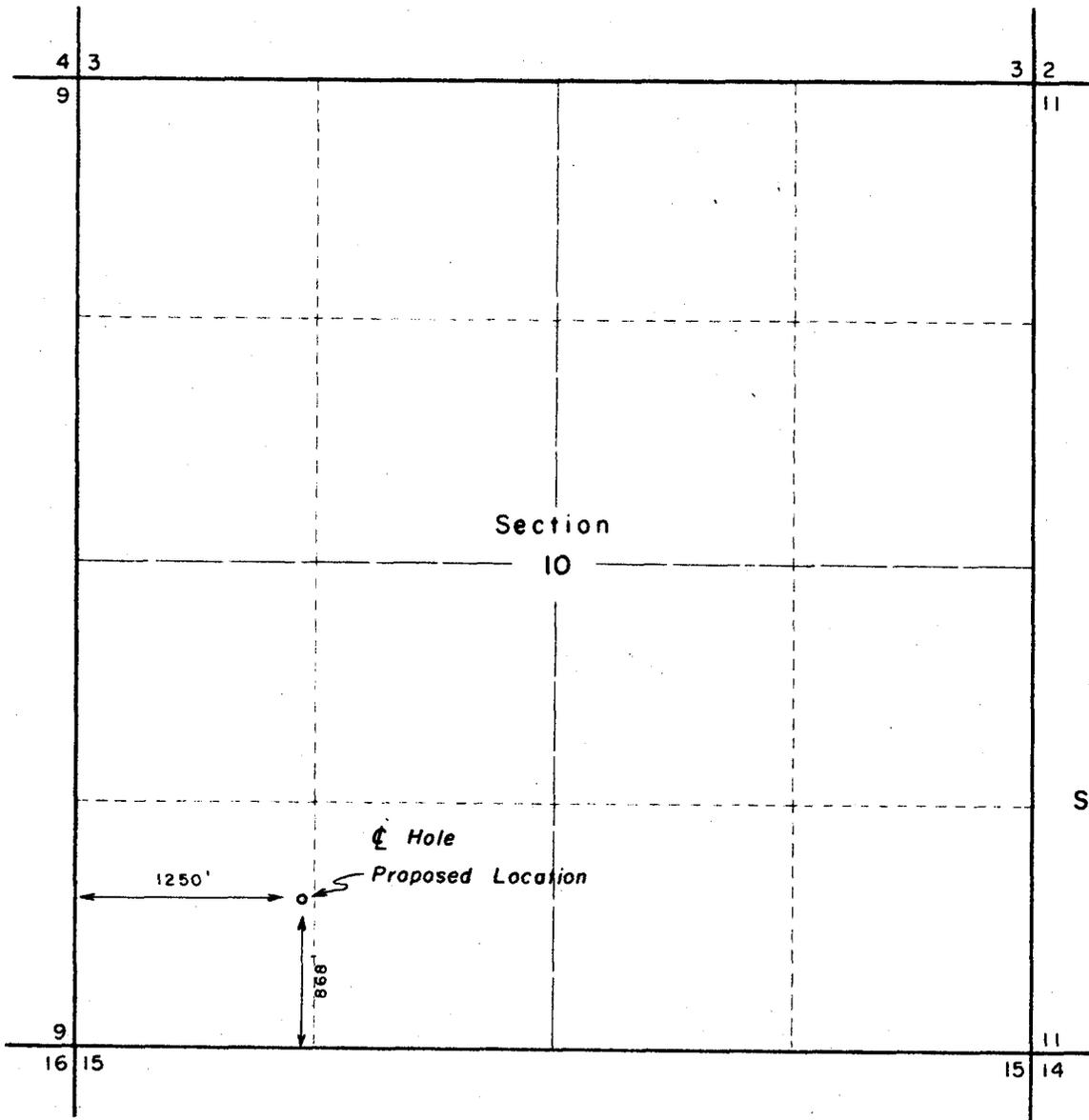
Company Monsanto Chemical Company

Address Idon Oil Company Division

1310 Denver Club Building
Denver 2, Colorado

By [Signature]
Title Reg. Prod. Supt.

CERTIFICATE OF SURVEY



WELL LOCATION: The Lion Oil Co.

Located 868 feet North of the South line and 1250 feet East of the West line of Section 10.
 Township 37 South Range 25 East Salt Lake Meridian
 San Juan County, Utah
 Existing ground elevation determined at 5268 feet based on U. S. G. S. datum.

I hereby certify the above plat represents a survey made under my supervision and is accurate to the best of my knowledge and belief.

Elmer M. Clark

 ELMER M. CLARK
 Registered Land Surveyor
 State of Utah (No. 2307)

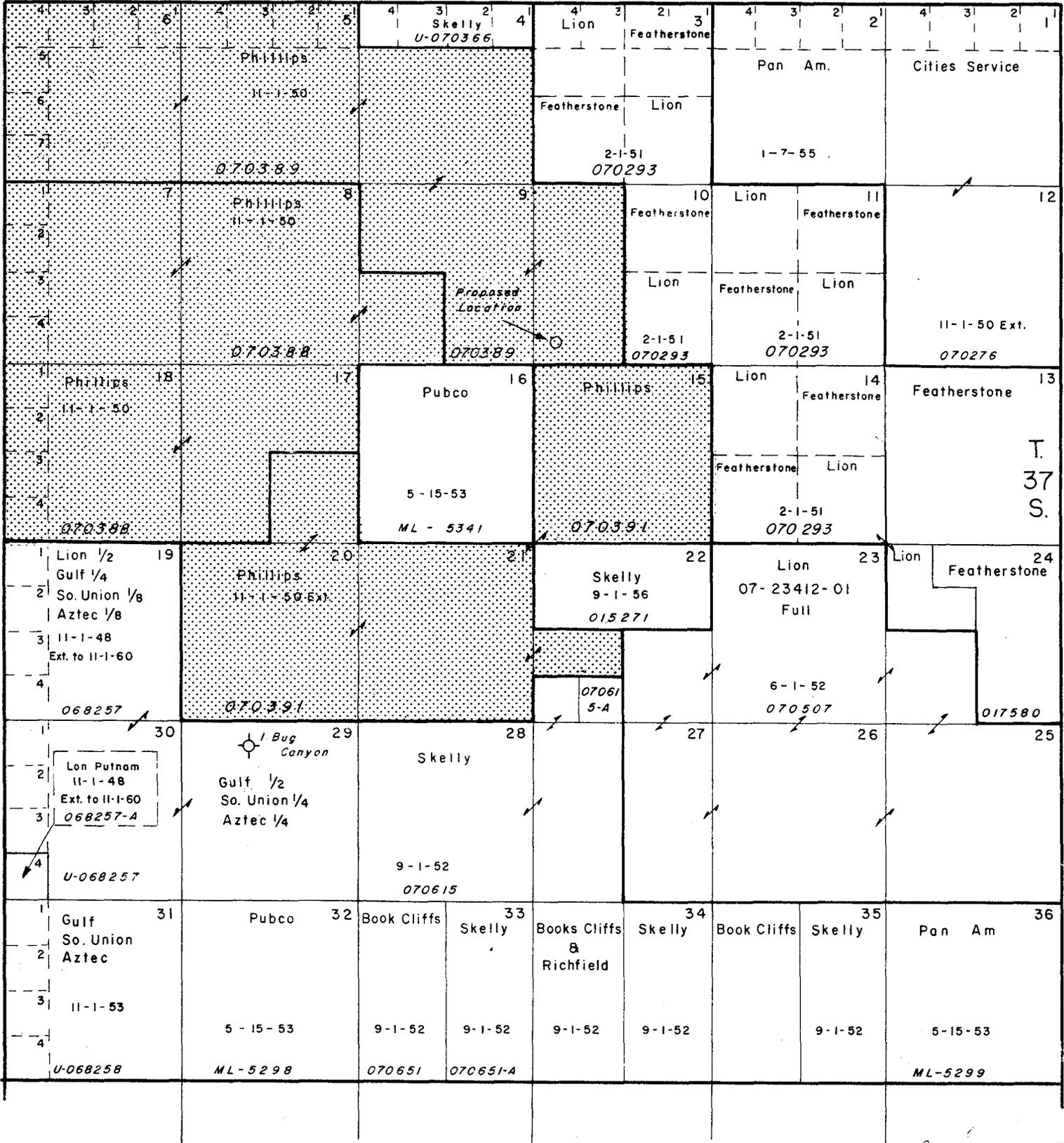
3225
 E.M. CLARK & ASSOCIATES
 Durango, Colorado
 October 28, 1959

Region - 07 District-Durango
 State Utah Deal No. -D-7-217
 County San Juan
 Field Cow Canyon Prospect
 Date 11-59 Scale 1" = 4000'

FARM-OUT TO LION

 Acreage in which Lion will earn 1/2 interest

R. 25 E.



Handwritten signature or initials

November 23, 1959

Monsanto Chemical Company
Lion Oil Company Division
1310 Denver Club Building
Denver 2, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Dalton 1, which is to be located 898 feet from the South line and 1,250 feet from the West line of Section 10, Township 37 South, Range 25 East, SLEM, San Juan County, Utah.

The proposed location of this well does not comply with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission; nor has information been furnished for an unorthodox location as required by Rule C-3(c) of said rules and regulations.

Before approval can be given for drilling this well, it will be necessary for you to file a new notice of intention to drill in compliance with Rule C-3(b), or if an unorthodox location is necessary, a request for such spacing must be made as required by Rule C-3(c).

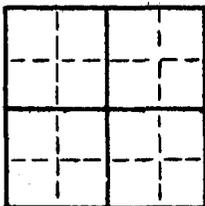
Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:cp

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



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
State.....
Lease No.
Public Domain.....
Lease No. SL-070389
Indian.....
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Dalton Lease November 25, 19 59

Well No. 1 is located 868 ft. from NS line and 1,250 ft. from W line of Sec. 10

SW SW Sec. 10 37S 25E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the derrick floor above sea level is 5,268 feet.

A drilling and plugging bond has been filed with

DETAILS OF WORK

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

We propose to drill a well at this location to a total depth of 6200 feet or the top of the salt. The principal objective is the Bluff Zone anticipated at 5000 feet. The secondary objective is the Desert Creek Zone anticipated at 5240 feet. We expect to run 100 feet of 13 3/8" OD casing. Will set 8 5/8" OD casing through water flow in the Navajo if water is encountered.

Approval of the above location is hereby requested under Rule C-3(c). The terrain is such that this is about the only feasible location within the southwest quarter of the section. The lease is traversed by a canyon. The same mineral ownership exists under all of the W/2 of Section 10-37 S-25E.

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

Company Monsanto Chemical Company

Address Lion Oil Company Division
1310 Denver Club Building
Denver 2, Colorado
By J. E. Bucy
Title Regional Production Supt.

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

November 27, 1959

Monsanto Chemical Company
Lion Oil Company Division
1310 Denver Club Building
Denver 2, Colorado

Attention: J. E. Bucy,
Regional Production Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Dalton 1, which is to be located 868 feet from the south line and 1250 feet from the west line of Section 10, Township 37 South, Range 25 East, SLEEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill Well No. Dalton 1 on said unorthodox location is hereby granted under Rule C-3(c) of the General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission.

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. FEIGHT
EXECUTIVE SECRETARY

CBF:co

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

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	112.05	125 sacks	Pump & plug		

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 0 feet to 5,428 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

P. & A. December 30, 1959. Put to producing _____, 19_____
 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

Sage Drilling Company _____, Driller _____, Driller
 P. O. Box 348 _____, Driller _____, Driller
 San Angelo, Texas _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Ind. - E log tops:
			Navajo 370 (+4,917)
			Kayenta 742 (+4,545)
			Chinle 1,132 (+4,155)
			Shinarump 1,890 (+3,397)
			Moenkopi 2,003 (+3,284)
			Hermosa 3,936 (+1,351)
			Upper Ismay 5,070 (+ 217)
			Lower Ismay 5,250 (+ 37)
			Desert Creek 5,317 (- 30)
			Salt 5,426 (- 139)
			TD 5,428
Core #1	5,117 - 67	recovered 49½ ft.	4'dense ls, 12'dense algal ls, 5'dense ls, 3' shale, 3'dense ls, 7' algal ls w/scattered porosity, fair to good odor, 15'dense ls.
DST #1	5,105 - 5,167	Open 45 minutes, SI 20 minutes,	weak blow thru out test.
Recovered	10 feet of mud,	pressure 30#,	final shut-in pressure 120#.

	10	
X		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. SL - 070389
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.....	
NOTICE OF INTENTION TO ABANDON WELL.....	X		

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

Dalton Lease March 31 1960

Well No. 1 is located 868 ft. from S line and 1,250 ft. from W line of sec. 10

SW SW Sec. 10 37S 25E Salt Lake
(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 5,286 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)

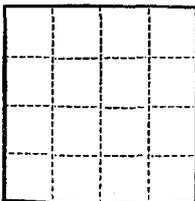
On Dec. 29, 1956, reached TD 5,428', and well was nonproductive. The U.S.G.S. District Engineer at Durango, Colorado was contacted on 12-30-60 and verbal plugging approval was received for cement plugs through the following intervals:

- 5,200 - 5,050
- 4,000 - 3,900
- 1,200 - 1,050
- 150 - 100

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

Company Monsanto Chemical Company
Lion Oil Company Division
Address 1310 Denver Club Building
Denver 2, Colorado

By [Signature]
Title Regional Production Supt.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. SL - 070389
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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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	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)

Dalton Lease _____ March 31 _____, 1960

Well No. 1 is located 868 ft. from N/S line and 1,250 ft. from E/W line of sec. 10

SW SW Sec. 10 _____ 37S _____ 25E _____ Salt Lake
(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 5,286 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)

On Dec. 30, 1959 at TD 5,428', well was nonproductive and was plugged and abandoned with cement plugs through the following intervals:

5,200 - 5,050	45 sacks	size hole	7 7/8"
4,000 - 3,900	30 sacks	" "	"
1,200 - 1,050	45 sacks	" "	"
130 - 100	25 sacks	size csg.	13 3/8"
13 - 0	10 sacks	" "	"

The remainder of the hole was filled with heavily mud laden fluid. A steel location marker was secured in the top of the 13 3/8" OD surface casing.

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

Company Monsanto Chemical Company
Lion Oil Company Division
Address 1310 Denver Club Building
Denver 2, Colorado

By [Signature]
Title Regional Production Supt.

LION OIL COMPANY
A DIVISION OF MONSANTO CHEMICAL COMPANY
1310 DENVER CLUB BLDG.
DENVER 2, COLORADO

March 31, 1960

U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

Attention: Mr. Jerry W. Long

Re: Dalton No. 1
SL 070339
San Juan Co., Utah

Gentlemen:

Recently we noticed that our dry hole file for the captioned well did not contain all the necessary completion papers. We called your office and was advised that you didn't have a complete file either.

The delay is regretted but the following reports are submitted herewith:

- ✓ Notice of Intention to Abandon Well
- ✓ Subsequent Report of Abandonment
- ✓ Log of Oil or Gas Well
- Two reduced prints, Radioactivity Log

If your file is not now complete with respect to logs, please call or write our office in Durango. We haven't anymore prints here but we believe that you have perhaps already received some. Please advise if your needs are not satisfied.

Very truly yours,

LION OIL COMPANY



J. E. Bucy
Regional Production Superintendent

JEB:jw

cc: Utah Oil & Gas Conservation Commission ✓
Greg Elias, Lion Oil Company, Durango

