

FILE NOTATIONS

Entered in N I D File  \_\_\_\_\_  
 Entered On S R Sheet \_\_\_\_\_  
 Location Map Pinned  \_\_\_\_\_  
 Card Indexed  \_\_\_\_\_  
 I W R for State or Fee Land \_\_\_\_\_

Checked by Chief R.P.S. \_\_\_\_\_  
 Copy N I D to Field Office  \_\_\_\_\_  
 Approval Letter  \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 12-9-60  
 OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 12-13-60  
 Electric Logs (No. ) 2  
 E  I  E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic  Others \_\_\_\_\_

*We also have a "Pressure Survey Test."  
 Sub. Report of Abd.*

		X
	27	

(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office SIC  
Lease No. U-015291  
Unit \_\_\_\_\_

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)

Maverick \_\_\_\_\_, September 11, 1960

Well No. 1 is located 660 ft. from N/S line and 2,060 ft. from E/W line of sec. 27

NW 1/4 Sec. 27 \_\_\_\_\_ 11S 17E 6th P. M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat \_\_\_\_\_ Duchesne Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5,608 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 the above location to an approximate depth of 6,500 feet. The principal objective is the Colton Delta, the top of which is anticipated at 3,390 feet.

We expect to set and cement approximately 200 feet of 10 3/4" OD 40.5# J-55 surface casing.

In the event of production, we expect to run 5 1/2" OD 15.5# J-55 casing through the productive horizon, adequately cement to confine all gas, oil or water bearing strata, and perforate for production.

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

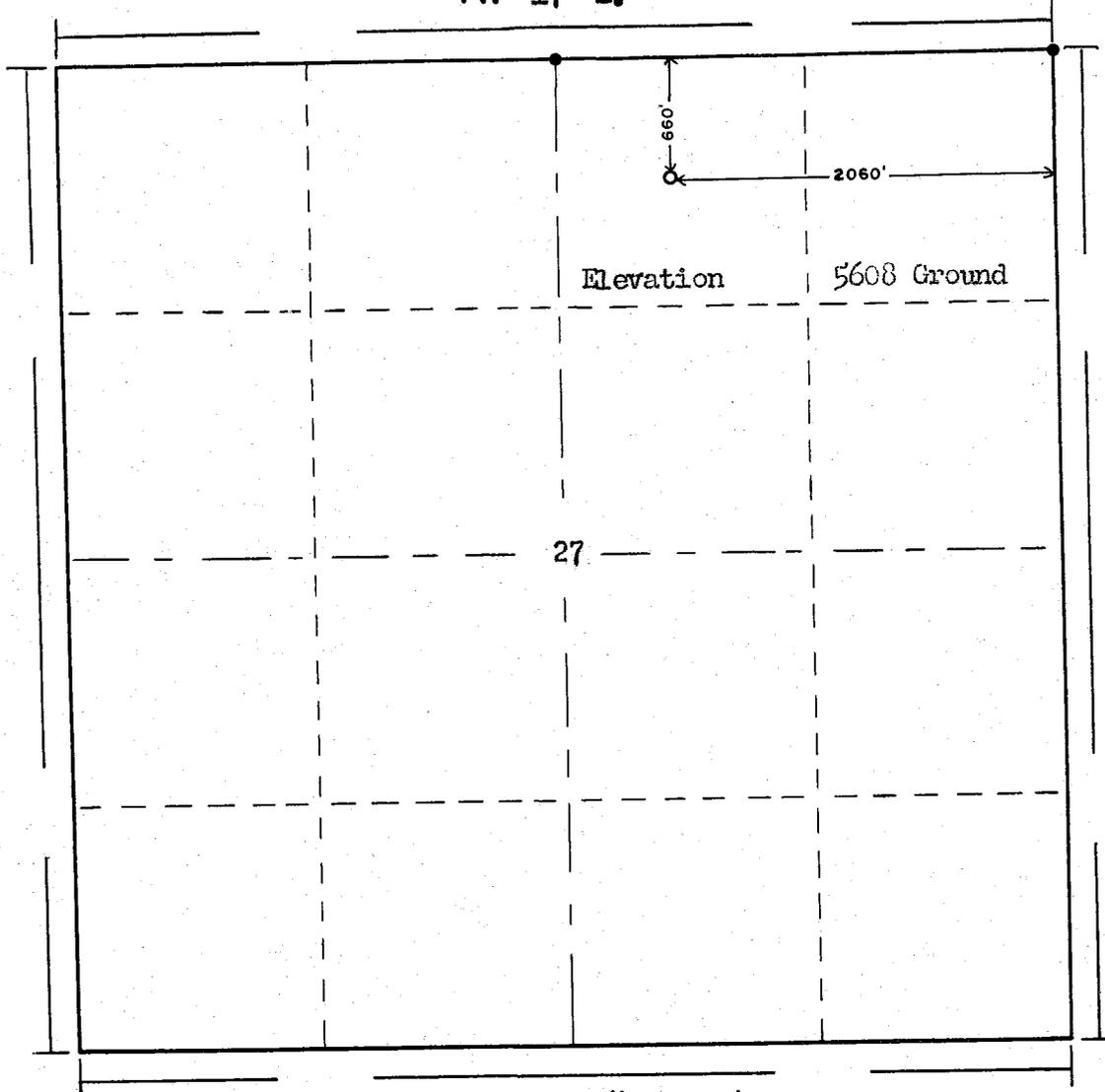
Address 1310 Denver Club Building

Denver 2, Colorado

By J. H. Bucy J. H. Bucy

Title Regional Production Supt.

R. 17 E.



T.  
11  
S.

Scale ... 1" = 1000'

**Powers Elevation Company of Denver, Colorado**  
 has in accordance with a request from **Mr. Way**  
 for **Lion Oil Company** **determined the**  
**Location of** #1 **Maverick**  
**to be** 660' FN & 2060' FE **Section 27 Township 11 South**  
**Range 17 East 6th Principal Meridian**  
**Duchesne County, Utah**

The above Plat shows the location of the well site in said section.

**Powers Elevation Company**

by: *Leonard S. Chapman*  
 Registered Land Surveyor

Date: 9-2-60

Initial Hydro Mud Pressure		Time	PSI	Ticket No. 215748  Lease MAVERICK  Well No. 1 Test No. 1  BT No. 223 Depth 3439  12 Hr. Clock No. -  Temperature Corrected to 100 ° F
1st	Initial Flow		1795	
	Final Flow	3 Minutes	26	
Initial Closed In Pressure		45 Minutes	1358	
2nd	Initial Flow		6	
	Final Flow	60 Minutes	14	
Final Closed In Pressure		45 Minutes	154	
Final Hydro Mud Pressure			1769	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
PO	.000	6	.000	26	.000	6	.000	14
P1	.018	26	.0215	272	.103	14	.321	154
P2			.043	646				
P3			.0645	904				
P4			.086	1065				
P5			.1075	1067				
P6			.129	1236				
P7			.1505	1283				
P8			.172	1315				
P9			.1935	1338				
P10			.215	1358				
	Minute Intervals		4.5 Minute Intervals		Minute Intervals		Minute Intervals	

Remarks:

Initial Hydro Mud Pressure		Time	PSI	Ticket No. 215748  Lease MAVERICK  Well No. 1 Test No. 1  BT No. 681 Depth 3462  24 Hr. Clock No. -  Temperature Corrected to Calc. 100 ° F
1st	Initial Flow		1775	
	Final Flow	3 Minutes	40	
Initial Closed In Pressure		45 Minutes	1369	
2nd	Initial Flow		36	
	Final Flow	60 Minutes	36	
Final Closed In Pressure		45 Minutes	173	
Final Hydro Mud Pressure			1772	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
PO	.000	27	.000	40	.000	36	.000	36
P1	.014	40	.0105	543	.208	36	.154	173
P2			.021	834				
P3			.0315	1013				
P4			.042	1146				
P5			.0525	1216				
P6			.063	1269				
P7			.0735	1305				
P8			.084	1336				
P9			.0945	1353				
P10			.105	1369				
	Minute Intervals		4.5 Minute Intervals		Minute Intervals		Minute Intervals	

Remarks:



**Your.....**

***Formation Testing Service Report***

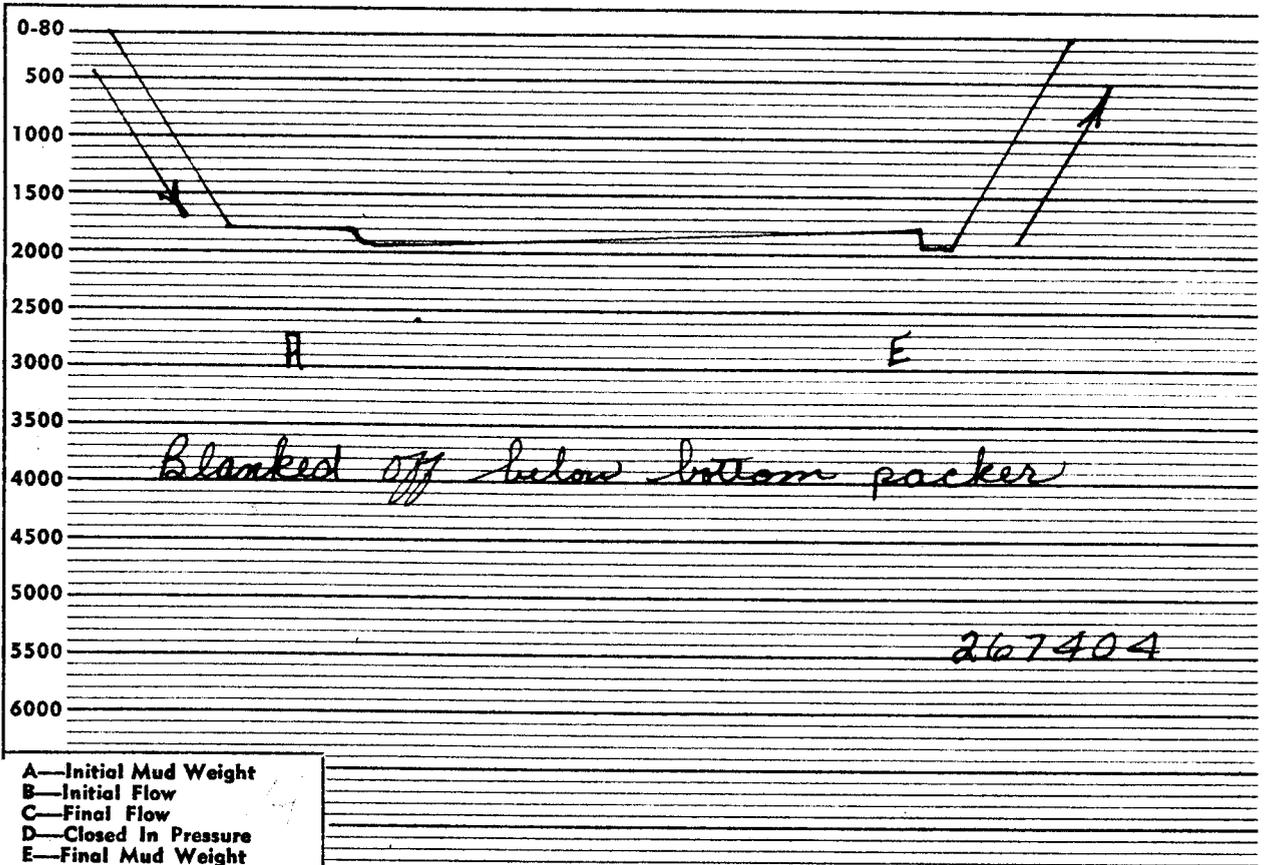
↑  
PRESSURE  
↓

267404-692

← TIME →

267404-693

EACH HORIZONTAL LINE REPRESENTS 100 PSI



A—Initial Mud Weight  
B—Initial Flow  
C—Final Flow  
D—Closed In Pressure  
E—Final Mud Weight

MAVERICK

LEASE NAME

WELL NO. 1

TEST NO. 2

(A DIVISION OF MONSANTA CHEMICAL COMPANY)

LION OIL COMPANY

LEASE OWNER

ROCKY MOUNTAIN OWNERS DISTRICT

LOCATION 27-11S-17E

FIELD

WIND CAT

COUNTY

DUGESTIVE

STATE

UTAH



Date 11-19-60  
 Ticket No. 267104  
 HOWCO DISTRICT Vernal  
 Kind of Job Straddle Open Hole

Initial Closed In Time 45 Minutes  
 Tool Open Flow Period 1st 3 / 2nd 60 Minutes  
 Final Closed In Time 45 Minutes

Depth Top Gauge 3684 Ft. Blanked Off no

BT. P.R.D. No 692 12 Hr. Clock

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 1980 1934

Initial Closed in Pres. 1610 1603

Initial Flow Pres. 15 10-15

Final Flow Pres. 15 15-20

Final Closed in Pres. 1290 1284

Final Hydro Mud Pressure 1980 1933

Depth Center Gauge 3717 Ft. Blanked Off yes

BT. P.R.D. No 693 24 Hr. Clock

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 2020 1966

Initial Closed in Pres. 1680 1620

Initial Flow Pres. 38 40-46

Final Flow Pres. 38 39-46

Final Closed in Pres. 1348 1309

Final Hydro Mud Pressure 2020 1966

Depth Bottom Gauge 3740 Ft. Blanked Off yes

BT. P.R.D. No 1769 24 Hr. Clock

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure

Initial Closed in Pres.

Initial Flow Pres.

Final Flow Pres.

Final Closed in Pres.

Final Hydro Mud Pressure

Amount-Type of Cushion -

CONTRACTOR EXPLORATION COMPANY

HOLE & TOOL DATA

Elevation 5618 Top Packer Depth 3694-3698'

Total Depth 5907' Bottom Packer Depth 3720'

Casing or Hole Size 8 3/4" Size & Type Wall Packer 7 3/4" ESWP

Liner or Rothole Size - Size Bottom Choke 5/8"

Casing Perforations Top Bottom Size Surface Choke 1" x 1"

Interval Tested 3698-3720' ID & Length Air Chamber -

Formation Tested (black) Lower Shale ID & Length Drill Collars 2 3/4" x 550'

Est. Gauge Depth Temp. 100 F° Size Drill Pipe 4 1/2" API FH

MUD DATA Weight 10.2 Viscosity 51

All depths measured from Kelly Bushing No. Folders Reproduced 14

REMARKS: Tool opened for 3 minutes first flow. Rotated tool for 45 minutes Initial closed in pressure. Tool opened with a faint blow which died immediately.

Recovered 20 Feet of mud with specks of oil

Recovered Feet of

Recovered Feet of

Recovered Feet of

Recovered Feet of

Witnessed By Dick Way

Tester B. J. Riddle

	<b>Time</b>	<b>PSI</b>	Ticket No. <b>215748</b>  Lease <b>MAVERICK</b>  Well No. <b>1</b> Test No. <b>1</b>  BT No. <b>681</b> Depth <b>3462</b>  24 Hr. Clock No. <b>-</b>  Temperature Corrected to <b>Calc. 100 ° F</b>
<b>Initial Hydro Mud Pressure</b>		<b>1775</b>	
<b>1st</b>	<b>Initial Flow</b>	<b>27</b>	
	<b>Final Flow</b>	<b>40</b>	
<b>Initial Closed In Pressure</b>	<b>45 Minutes</b>	<b>1369</b>	
<b>2nd</b>	<b>Initial Flow</b>	<b>36</b>	
	<b>Final Flow</b>	<b>60 Minutes</b>	
<b>Final Closed In Pressure</b>	<b>45 Minutes</b>	<b>173</b>	
<b>Final Hydro Mud Pressure</b>		<b>1772</b>	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
<b>PO</b>	.000	27	.000	40	.000	36	.000	36
<b>P1</b>	.014	40	.0105	543	.208	36	.154	173
<b>P2</b>			.021	834				
<b>P3</b>			.0315	1013				
<b>P4</b>			.042	1146				
<b>P5</b>			.0525	1216				
<b>P6</b>			.063	1269				
<b>P7</b>			.0735	1305				
<b>P8</b>			.084	1336				
<b>P9</b>			.0945	1353				
<b>P10</b>			.105	1369				
	<b>Minute Intervals</b>		<b>4.5 Minute Intervals</b>		<b>Minute Intervals</b>		<b>Minute Intervals</b>	

Remarks:

	<b>Time</b>	<b>PSI</b>	Ticket No. <b>215748</b>  Lease <b>MAVERICK</b>  Well No. <b>1</b> Test No. <b>1</b>  BT No. <b>223</b> Depth <b>3439</b>  12 Hr. Clock No. <b>-</b>  Temperature Corrected to <b>100 ° F</b>
<b>Initial Hydro Mud Pressure</b>		<b>1795</b>	
<b>1st</b>	<b>Initial Flow</b>	<b>6</b>	
	<b>Final Flow</b>	<b>26</b>	
<b>Initial Closed In Pressure</b>	<b>45 Minutes</b>	<b>1358</b>	
<b>2nd</b>	<b>Initial Flow</b>	<b>6</b>	
	<b>Final Flow</b>	<b>60 Minutes</b>	
<b>Final Closed In Pressure</b>	<b>45 Minutes</b>	<b>154</b>	
<b>Final Hydro Mud Pressure</b>		<b>1769</b>	

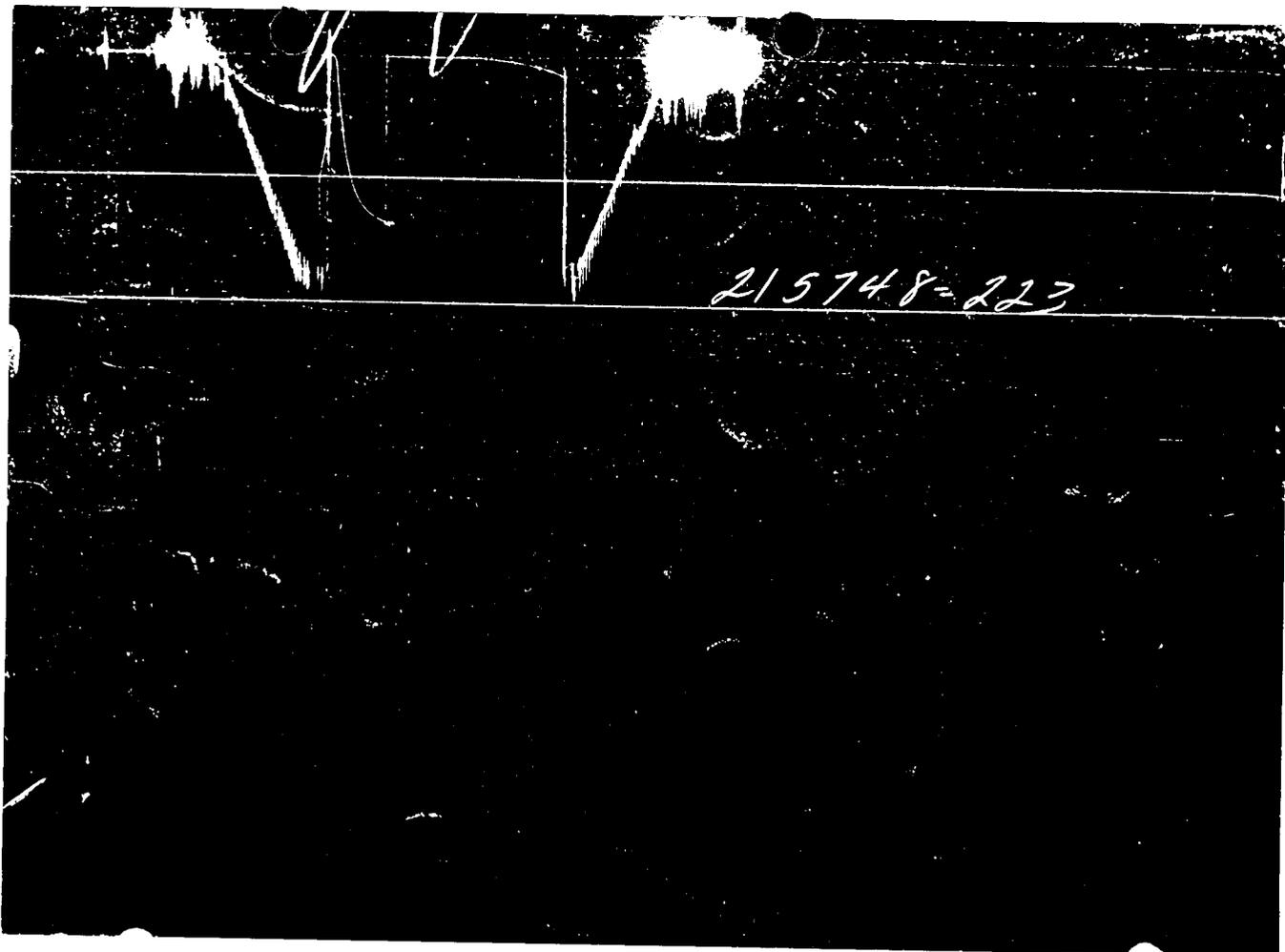
	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
<b>PO</b>	.000	6	.000	26	.000	6	.000	14
<b>P1</b>	.018	26	.0215	272	.403	14	.321	154
<b>P2</b>			.043	646				
<b>P3</b>			.0645	904				
<b>P4</b>			.086	1065				
<b>P5</b>			.1075	1067				
<b>P6</b>			.129	1236				
<b>P7</b>			.1505	1283				
<b>P8</b>			.172	1315				
<b>P9</b>			.1935	1338				
<b>P10</b>			.215	1358				
	<b>Minute Intervals</b>		<b>4.5 Minute Intervals</b>		<b>Minute Intervals</b>		<b>Minute Intervals</b>	

Remarks:



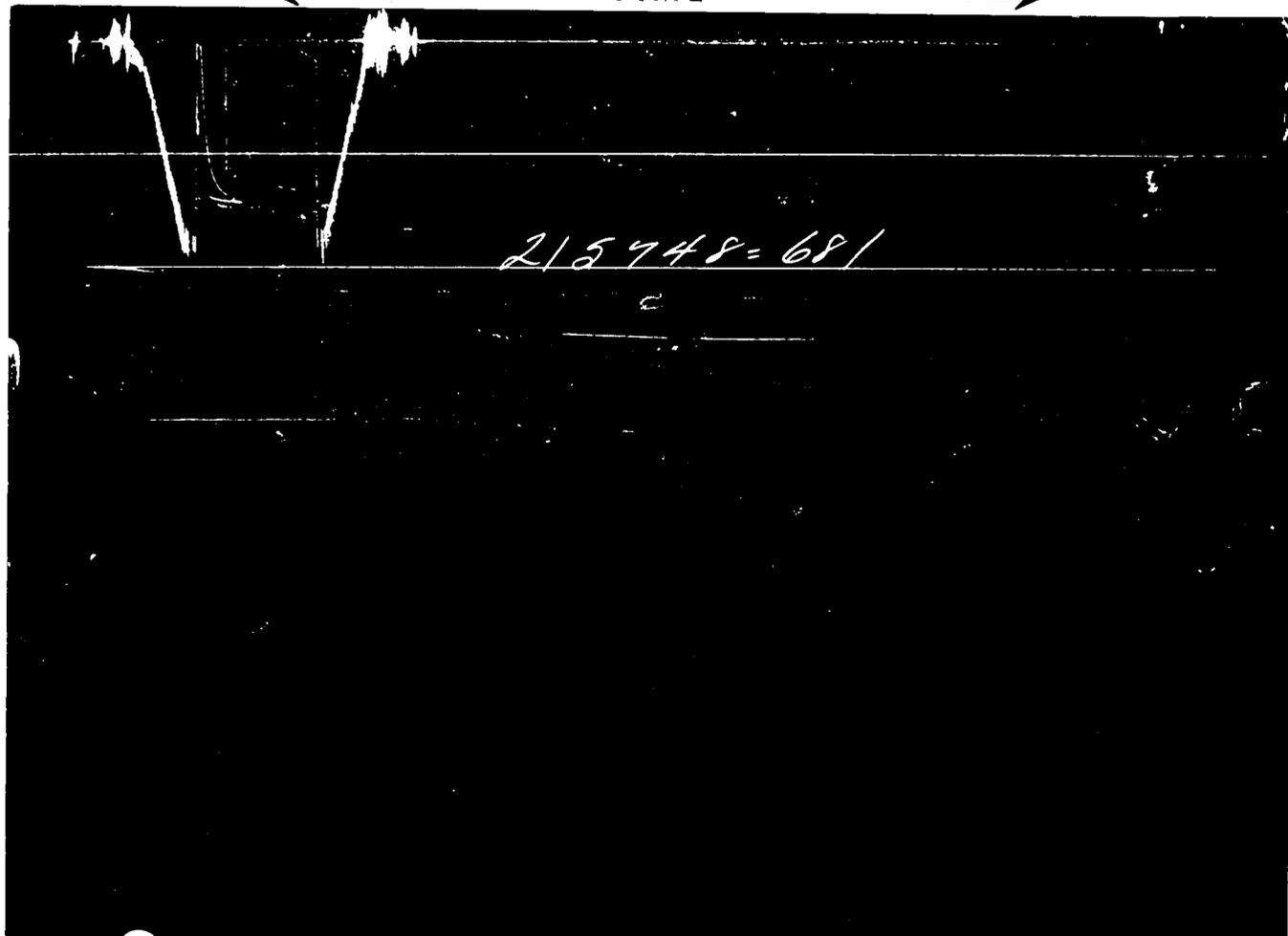
Your.....

***Formation Testing Service Report***



PRESSURE

TIME



EACH HORIZONTAL LINE EQUAL TO 1000 PSI.

MAVERICK

LEASE NAME

1

WELL NO.

1

TEST NO.

LION OIL COMPANY

LEASE OWNER

DENVER

OWNERS DISTRICT

LOCATION 27-11S-17E

FIELD WINDCAP

COUNTY DUCHESSNE

STATE UTAH



Date 11-2-60  
 Ticket No. 215748  
 HOWCO DISTRICT Vernal  
 Kind of Job Open Hole

Initial Closed In Time 45 Minutes  
 Tool Open Flow Period 1st 3 / 2nd 60 Minutes  
 Final Closed In Time 45 Minutes

Depth Top Gauge 3439 Ft. Blanked Off no

BT. P.R.D. No 223 12 Hr. Clock

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 1788 1795

Initial Closed in Pres. 1365 1358

Initial Flow Pres. - 6-6

Final Flow Pres. - 26-14

Final Closed in Pres. 165 154

Final Hydro Mud Pressure 1788 1769

Depth Center Gauge 3462 Ft. Blanked Off yes

BT. P.R.D. No 681 24 Hr. Clock

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 1780 1775

Initial Closed in Pres. 1385 1369

Initial Flow Pres. 21 27-36

Final Flow Pres. 21 40-36

Final Closed in Pres. 190 173

Final Hydro Mud Pressure 1780 1772

Depth Bottom Gauge Ft. Blanked Off

BT. P.R.D. No Hr. Clock

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure

Initial Closed in Pres.

Initial Flow Pres.

Final Flow Pres.

Final Closed in Pres.

Final Hydro Mud Pressure

Amount-Type of Cushion

CONTRACTOR EXPLORATION DRILLING COMPANY

HOLE & TOOL DATA

Elevation 5618' Top Packer Depth 3449'

Total Depth 3462' Bottom Packer Depth -

Casing or Hole Size 8 3/4" Size & Type Wall Packer 7 3/4" ESWP

Liner or Rathole Size - Size Bottom Choke 5/8"

Casing Perforations Top Bottom Size Surface Choke 1" x 1/4"

Interval Tested 3449-3462' ID & Length Air Chamber -

Formation Tested Green River ID & Length Drill Collars 2 1/2" x 450'

Est. Gauge Depth Temp. 100 F° Size Drill Pipe 4 1/2" API FH

MUD DATA Weight 10 Viscosity 90

All depths measured from Kelly Bushing No. Folders Reproduced 14

REMARKS: Tool opened for 3 minutes first flow  
 Rotated tool for 45 minutes Initial closed  
 in pressure. Tool opened with a weak blow  
 which died in 15 minutes.

Recovered 10 Feet of dripping mud spot of

Recovered Feet of

Recovered Feet of

Recovered Feet of

Witnessed By Dick Way

Tester B.J. Riddle

Initial Hydro Mud Pressure		Time	PSI	DATE 11-19-60 TICKET NO. 267404 LEASE MAVERICK Well No. 1 Test No. 2 BT No. 693 Depth 3717' 24 Hr. Clock - Temp. Corr. C 100 ° F
			1966	
1st	Initial Flow		40	
	Final Flow	3 minutes	39	
Initial Closed In Pressure		45 minutes	1620	
2nd	Initial Flow		46	
	Final Flow	60 minutes	46	
Final Closed In Pressure		45 minutes	1309	
Final Hydro Mud Pressure			1966	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time	PSI	Time	PSI	Time	PSI	Time	PSI
PO	.000	40	.000	39	.000	46	.000	46
P1	.007	39	.0112	256	.209	46	.0104	114
P2	.		.0224	629	.		.0208	258
P3	.		.0336	904	.		.0312	478
P4	.		.0448	1086	.		.0416	636
P5	.		.056	1212	.		.052	768
P6	.		.0672	1318	.		.0624	873
			.0784	1386			.0728	964
P7	.		.0896	1445	.		.0832	1035
			.1008	1484			.0936	1091
P8	.		.1120	1525	.		.104	1141
			.1232	1553			.1144	1188
P9	.		.1344	1573	.		.1248	1223
			.1456	1593			.1352	1254
P10	.		.1568	1607	.		.1456	1284
			.168	1620			.156	1309
	Minute Intervals		3	Minute Intervals		3	Minute Intervals	

Remarks:

Initial Hydro Mud Pressure		Time	PSI	DATE 11-19-60 TICKET NO. 267404 LEASE MAVERICK Well No. 1 Test No. 2 BT No. 692 Depth 3684' 12 Hr. Clock - Temp. Corr. C 100 ° F
			1934	
1st	Initial Flow		10	
	Final Flow	3 minutes	15	
Initial Closed In Pressure		45 minutes	1603	
2nd	Initial Flow		15	
	Final Flow	60 minutes	20	
Final Closed In Pressure		45 minutes	1284	
Final Hydro Mud Pressure			1933	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time	PSI	Time	PSI	Time	PSI	Time	PSI
PO	.000	10	.000	15	.000	15	.000	20
P1	.013	15	.0221	506	.412	20	.0203	82
P2	.		.0442	748	.		.0406	229
P3	.		.0663	906	.		.0609	439
P4	.		.0884	1119	.		.0812	612
P5	.		.1105	1251	.		.1015	746
			.1326	1313			.1218	851
P6	.		.1527	1368	.		.1421	937
			.1768	1424			.1624	1028
P7	.		.1989	1464	.		.1827	1070
			.21	1500			.203	1123
P8	.		.2431	1527	.		.2233	1163
			.2652	1553			.2436	1200
P9	.		.2873	1575	.		.2639	1261
			.3094	1583			.2842	1284
P10	.		.3315	1603	.		.3045	1284
	Minute Intervals		3	Minute Intervals		3	Minute Intervals	

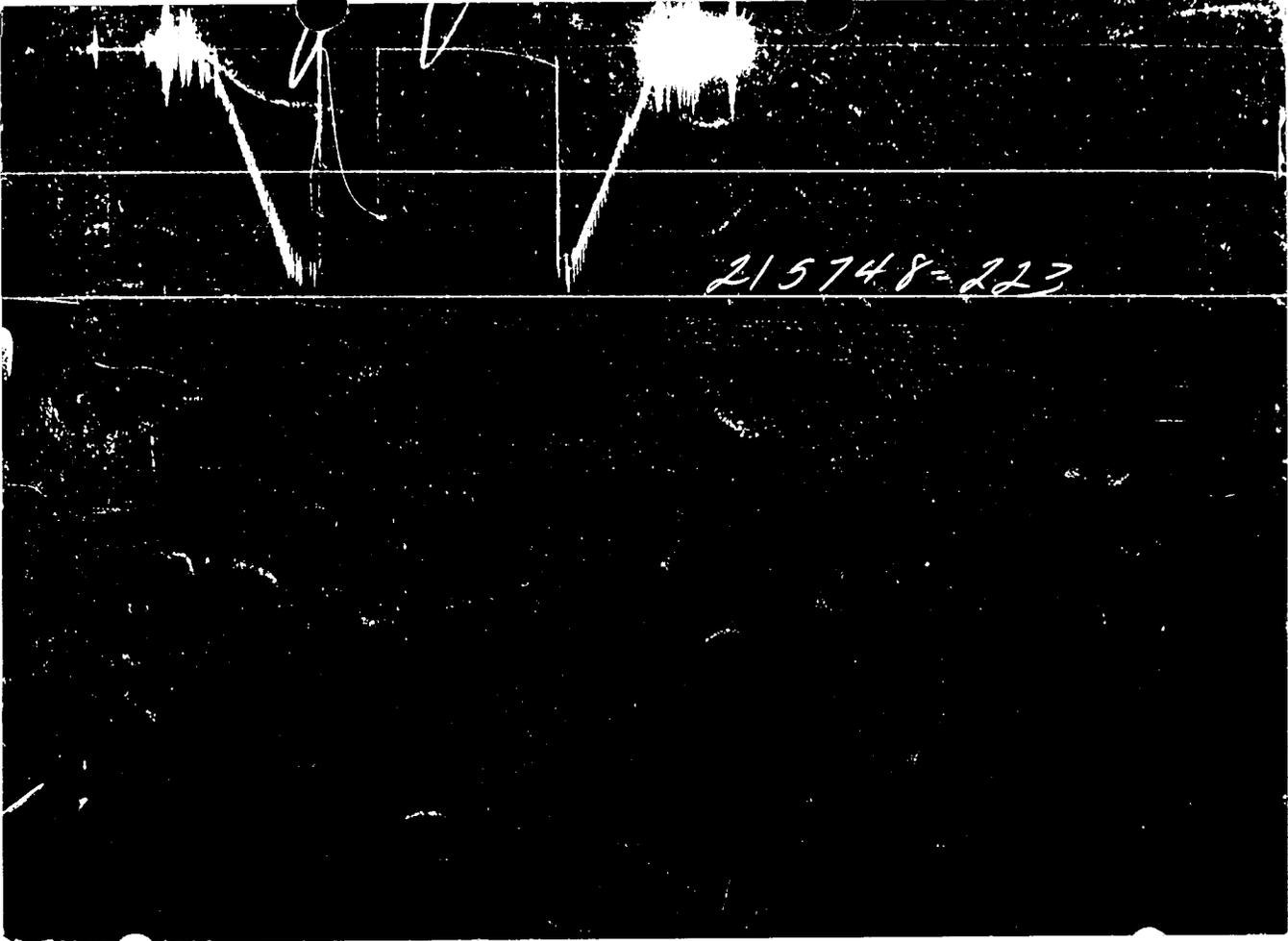
Remarks: All readings on initial and final closed in pressure questionable due to stair stepping.



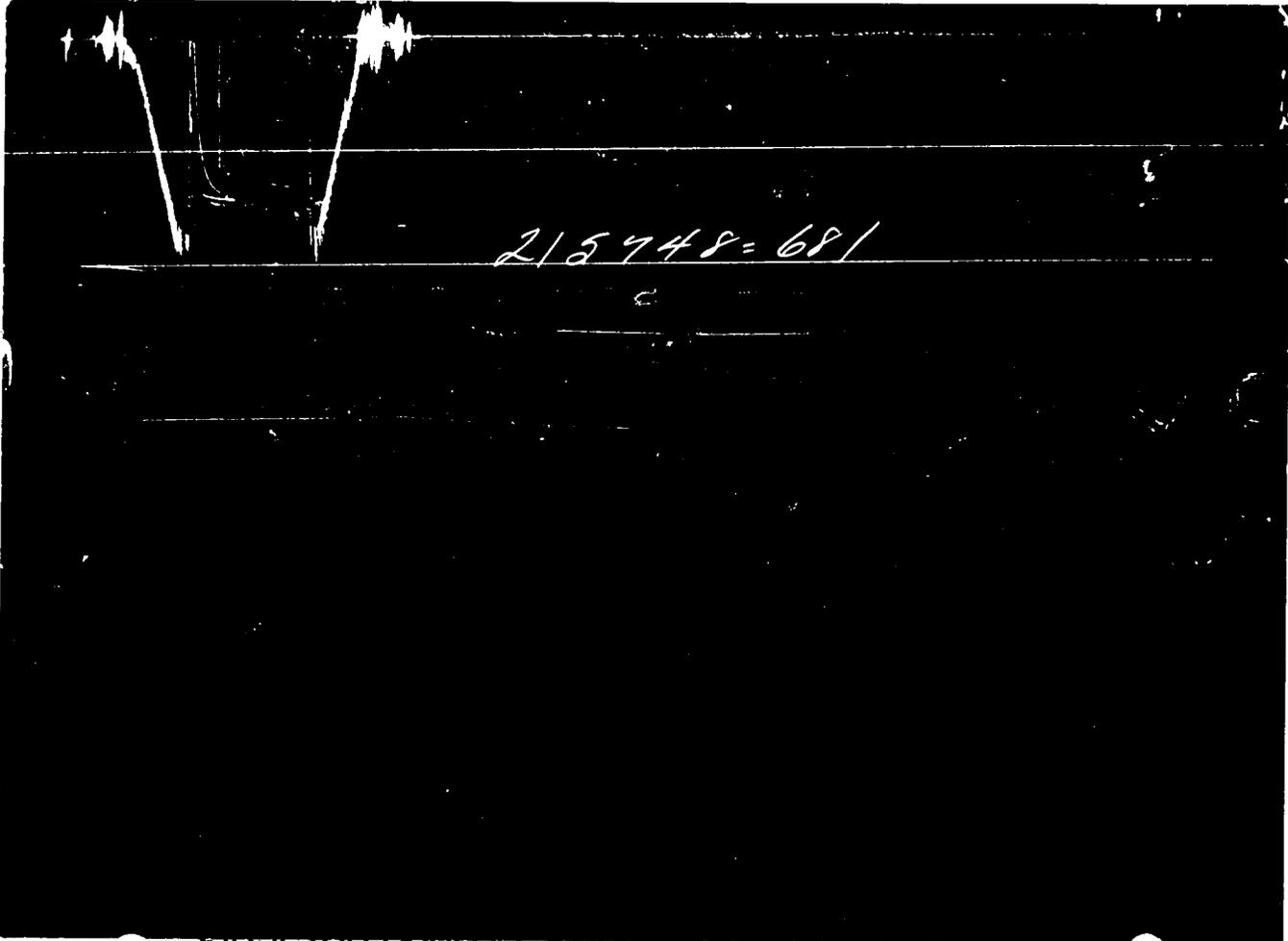
**Your.....**

***Formation Testing Service Report***

↑  
PRESSURE  
↓



← TIME →



MAVERICK  
 LEASE NAME  
 1  
 WELL NO.  
 1  
 TEST NO.  
 LION OIL COMPANY  
 LEASE OWNER  
 DENVER  
 OWNERS DISTRICT

LOCATION 27-11S-17E  
 FIELD WINDCAP  
 COUNTY DUCHESNE  
 STATE UTAH



Initial Closed In Time	45	Minutes
Tool Open Flow Period	1st 3 / 2nd 60	Minutes
Final Closed In Time	45	Minutes

Date	11-2-60
Ticket No.	215748
HOWCO DISTRICT	Vernal
Kind of Job	Open Hole

Depth Top Gauge	3439 Ft.	Blanked Off	no
-----------------	----------	-------------	----

BT. P.R.D. No	223	12	Hr. Clock
---------------	-----	----	-----------

CONTRACTOR EXPLORATION DRILLING COMPANY

Pressure Readings	Field	Office Corrected
-------------------	-------	------------------

HOLE & TOOL DATA

Initial Hydro Mud Pressure	1788	1795
----------------------------	------	------

Elevation	5618'	Top Packer Depth	3449'
-----------	-------	------------------	-------

Initial Closed in Pres.	1365	1358
-------------------------	------	------

Total Depth	3462'	Bottom Packer Depth	-
-------------	-------	---------------------	---

Initial Flow Pres.	-	6-6
--------------------	---	-----

Casing or Hole Size	8 3/4"	Size & Type Wall Packer	7 3/4" ESWP
---------------------	--------	-------------------------	-------------

Final Flow Pres.	-	26-14
------------------	---	-------

Liner or Rathole Size	-	Size Bottom Choke	5/8"
-----------------------	---	-------------------	------

Final Closed in Pres.	165	154
-----------------------	-----	-----

Casing Perforations	Top / Bottom	Size Surface Choke	1" x 1/4"
---------------------	--------------	--------------------	-----------

Final Hydro Mud Pressure	1788	1769
--------------------------	------	------

Interval Tested	3449-3462'	ID & Length Air Chamber	-
-----------------	------------	-------------------------	---

Depth Center Gauge	3462 Ft.	Blanked Off	yes
--------------------	----------	-------------	-----

Formation Tested	Green River	ID & Length Drill Collars	2 1/2" x 450'
------------------	-------------	---------------------------	---------------

BT. P.R.D. No	681	24	Hr. Clock
---------------	-----	----	-----------

Est. Gauge Depth Temp.	100	F°	Size Drill Pipe	4 1/2" API FH
------------------------	-----	----	-----------------	---------------

Pressure Readings	Field	Office Corrected
-------------------	-------	------------------

MUD DATA Weight	10	Viscosity	90
-----------------	----	-----------	----

Initial Hydro Mud Pressure	1780	1775
----------------------------	------	------

All depths measured from	Kelly Bushing	No. Folders Reproduced	14
--------------------------	---------------	------------------------	----

Initial Closed in Pres.	1385	1369
-------------------------	------	------

REMARKS: Tool opened for 3 minutes first flow

Initial Flow Pres.	21	27-36
--------------------	----	-------

Rotated tool for 45 minutes Initial closed

Final Flow Pres.	21	40-36
------------------	----	-------

in pressure. Tool opened with a weak blow

Final Closed in Pres.	190	173
-----------------------	-----	-----

which died in 15 minutes.

Final Hydro Mud Pressure	1780	1772
--------------------------	------	------

Depth Bottom Gauge	Ft.	Blanked Off
--------------------	-----	-------------

BT. P.R.D. No		Hr. Clock
---------------	--	-----------

Pressure Readings	Field	Office Corrected
-------------------	-------	------------------

Initial Hydro Mud Pressure		
----------------------------	--	--

Initial Closed in Pres.		
-------------------------	--	--

Recovered	10	Feet of	dripping mud spot of oil
-----------	----	---------	--------------------------

Initial Flow Pres.		
--------------------	--	--

Recovered		Feet of	
-----------	--	---------	--

Final Flow Pres.		
------------------	--	--

Recovered		Feet of	
-----------	--	---------	--

Final Closed in Pres.		
-----------------------	--	--

Recovered		Feet of	
-----------	--	---------	--

Final Hydro Mud Pressure		
--------------------------	--	--

Witnessed By Dick Way

Amount-Type of Cushion	-	
------------------------	---	--

Tester B.J. Riddle

September 16, 1960

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

Attention: J. E. Bucy, Regional Production Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Maverick #1, which is to be located 660 feet from the north line and 2060 feet from the east line of Section 27, Township 11 South, Range 17 East, Duchesne County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted. However, this approval is conditional upon a Plat being filed with this office according to Rule C-4 (a), 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 has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,  
EXECUTIVE SECRETARY

CBF:awg

cc: Don F. Russell, Dist. Eng.  
U. S. Geological Survey  
Salt Lake City, Utah

awb

RFL

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE SIC  
LEASE NUMBER U-015291  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 60,

Agent's address Lisa Oil Company Division Company Monsanto Chemical Company  
1310 Denver Club Building, Denver 2, Colorado Signed J. E. Dusz J. E. Dusz

Phone AC2-5641 Agent's title Regional Production Supt.

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. 27 NW NE	11S	17E	1	0	-	-	-	-	-	*

\* Location, waiting on clearance from the farmer.

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

LAND OFFICE SIC  
LEASE NUMBER U-015291  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

*Marrick*

State Utah County Beaches Field Wildcat

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

Agent's address Lion Oil Company Division Company Monsanto Chemical Company  
1310 Denver Club Bldg., Denver 2, Colorado Signed J. H. Bucy J. H. Bucy

Phone AC 2-5641 Agent's title Regional Production Supt.

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. 27 NW NE	11S	17E	1	0	-	-	-	-	-	
<p>(*) Spudded 10-19-60. Set 212 feet of 10 3/4" OD surface casing at 225 feet cemented w/200 sacks.</p> <p>Drilling at 3,373 feet at 7 A. M., November 1, 1960.</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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE SLC  
LEASE NUMBER U-015291  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 60.

Agent's address Lion Oil Company Division Company Monsanto Chemical Company  
1310 Denver Club Bldg., Denver 2, Colo. Signed J. E. Busy J. E. Busy

Phone AG2-5641 Agent's title Regional Production Supt.

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. 27 NW NE	11N	17E	1	0	-	-	-	-	-	*
*Plugged and abandoned on November 20, 1960 at total depth 6,000 feet.										

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.

(SUBMIT IN TRIPLICATE)

Land Office SLC  
U-015291  
Lease No. \_\_\_\_\_  
Unit \_\_\_\_\_

		X	
	27		

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.....	

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

Maverick

December 1, 19 60

Well No. 1 is located 660 ft. from {N/S} line and 2,050 ft. from {E/W} line of sec. 27

NW NE Sec. 27  
(¼ Sec. and Sec. No.)

11S  
(Twp.)

17E  
(Range)

6th P.M.  
(Meridian)

Wildcat  
(Field)

Duchesne  
(County or Subdivision)

Utah  
(State or Territory)

K.B.

The elevation of the ~~depth from~~ above sea level is 5,618 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 November 19, 1960, the drilling of this well had reached total depth 6,000 feet and no commercial production had been encountered. Our drilling foreman, Mr. R. De Way, contacted the office of the U.S.G.S. District Engineer in Salt Lake City, Utah, and received his abandonment approval and plugging instructions as follows:

- 25 sack cement plug from 6,000 to 5,940 feet
- 25 " " " " 3,580 to 3,520 feet
- 25 " " " " 3,430 to 3,370 feet
- 25 " " " " 257 to 197 feet
- 10 " " " in the top of the 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 J. E. Bucy J. E. Bucy

Title Regional Production Supt.

U. S. LAND OFFICE **SLC**  
SERIAL NUMBER **U-015291**  
LEASE OR PERMIT TO PROSPECT

			*		
		27			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Lion Oil Company Division** Address **1310 Denver Club Building**  
 **Monsanto Chemical Company**  **Denver 2, Colorado**  
Lessor or Tract **Maverick** Field **Wildcat** State **Utah**  
Well No. **1** Sec. **27** T. **11S** R. **17E** Meridian **6th P. M.** County **Duchesne**  
Location **660** ft. **EX** of **N** Line and **2060** ft. **EX** of **E** Line of **Section 27** Elevation **5,618** **EX**  
(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. E. Bucy* **J. E. Bucy**  
Date **December 12, 1960** Title **Regional Production Supt.**

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

Commenced drilling **October 19**, 19 **60** Finished drilling **November 20**, 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ 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 \_\_\_\_\_ 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-	
10 3/4	40.5	8		211.95	cement				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	225.25	200 sacks cement circulated	pump & plug		

PLUGS AND ADAPTERS

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

FOLD MARK

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

**TOOLS USED**

Rotary tools were used from 0 feet to 5,001 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

**Plugged and abandoned**

December 9, 1960. 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**

~~Exploration Drilling Company~~, Driller \_\_\_\_\_, Driller  
~~607 Nat'l Bank of Tulsa Bldg.~~, Driller \_\_\_\_\_, Driller

Tulsa, Oklahoma

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
			Well spudded in Parachute Creek member of the Green River formation. Electric Log Tops: Douglas Creek member 810 (+4,808) Black Shale facies 2,720 (+2,898) Colton tongue 2,960 (+2,658) Lower Black Sh. tongue 3,342 (+2,276) Colton formation 3,550 (+2,068) North Horn formation 4,950 (+ 668) Total depth 6,004
DST No. 1	3,449 to 3,462'	- Tool open 3 min, ISIP 1369 psi 45 min., tool open 60 min. for 2nd flow period, IFP 27-36, FFP 40-36, FSIP 173 psi 45 min. Tool opened with a weak blow which dies in 15 min. Recovered 10 feet of drilling mud, spot of oil.	
DST No. 2	3,698 to 3,720'	- Tool open 3 min, ISIP 1620 psi 45 min., tool open 60 min. for 2nd flow period, IFP 40-46, FFP 39-46, FSIP 1309 psi 45 min. Tool opened with a faint blow which died immediately.	
No cores were taken.			

(OVER)

16-43094-4

51000


APPROVED FOR THE DIRECTOR  
 [Signature]

DATE OF REPORT  
 PREPARED BY  
 CHECKED BY

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

December 12, 1960

U. S. Geological Survey  
457 Federal Building  
Salt Lake City, Utah

Maverick No. 1  
SLC U-015291  
NW NE Sec. 27, T11S, R17E  
Duchesne County, Utah

Gentlemen:

Enclosed herewith are two copies of Form 9-330, two copies each of charts for two drill stem tests, two prints each of the Electrical and Sonic logs, and two copies of the sample description.

We are holding the Subsequent Report of Abandonment pending the removal of the Contractor's rig from the location.

Very truly yours,

LION OIL COMPANY



J. E. Bucy  
Regional Production Supt.

JEB:JAL:wt

Enclosures

cc: Utah Oil & Gas Conservation Commission w/enclosures ✓

DEC 13 1960

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake City**  
Lease No. **U-015291**  
Unit \_\_\_\_\_

		<b>x</b>
	<b>27</b>	

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.....	<b>x</b>
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)

Maverick

January 27, 1961

Well No. 1 is located 660 ft. from N line and 2,060 ft. from E line of sec. 27

NW NE Section 27      11S      17E      6th P. M.  
(¼ Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Wildcat      Duchesne      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the ~~center~~ K. B. ~~well~~ XXXXXXXXXX above sea level is 5,618 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 November 20, 1960, at 6,000 feet total depth, this well was plugged and abandoned with cement plugs in the following intervals with heavily mud laden fluid between the plugs:

25 sx - 6,000 to 5,940', 25 sx - 3,680 to 3,620', 25 sx - 3,430 to 3,370',  
25 sx - 257 to 197', and 10 sx in the top of the surface casing.

A regulation type location marker was erected, the location cleaned, and is now 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 Monsanto Chemical Company, Lion Oil Company Division

Address 1310 Denver Club Bldg.

Denver 2, Colorado

By J. E. Bucy J. E. Bucy

Title Regional Production Supt.