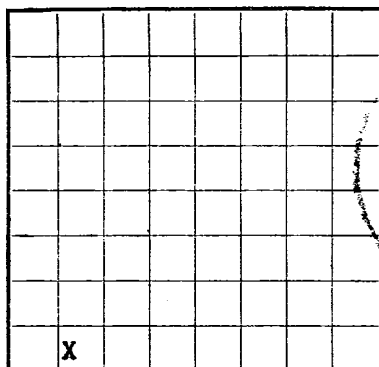
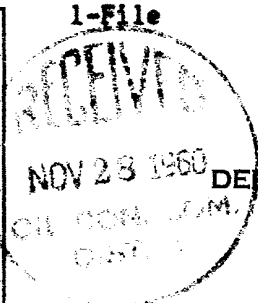


5-USGS
1-WD
1-Dallas
1-FileBudget Bureau No. 42-R3554.
Approval expires 12-31-60.U. S. LAND OFFICE
SERIAL NUMBER **SF-079116**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Southwest Production Company** Address **162 Petr. Center Bldg., Farmington,**
Lessor or Tract **Edgar Federal** Field **Undes.** State **N. M.** **N.M.**
Well No. **3** Sec. **1** T. **27N** R. **12W** Meridian **NMPM** County **San Juan**
Location **990** ft. **XX** of **S. 1** Line and **1650** ft. **XX** of **1** Line of **Sec. 1** Elevation **6022 G.L.**
(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. Original signed by
Signed **Carl W. Smith**

Date **11/23/60**Title **Production Supt.**

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

Commenced drilling **10/16**, 19**60** Finished drilling **10/31**, 19**60**OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **G 6324** to **6346** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

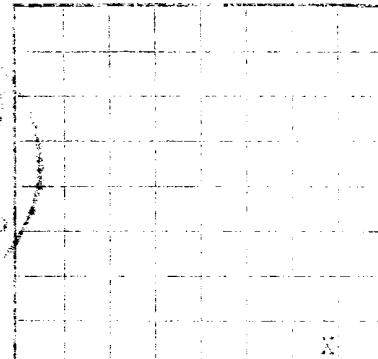
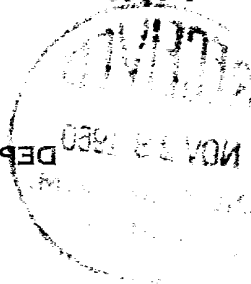
No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

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	132	7	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
8 1/2	115	7	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
6 3/4	95	7	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
4 1/2	75	7	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
3 1/2	65	7	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
2 1/2	55	7	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2	50	7	2	2	2	2	2	2	2
1 1/2	45	7	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 1/4	40	7	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/8	35	7	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8
1	30	7	1	1	1	1	1	1	1
3/4	25	7	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/2	20	7	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/8	15	7	3/8	3/8	3/8	3/8	3/8	3/8	3/8
1/4	10	7	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/16	8	7	3/16	3/16	3/16	3/16	3/16	3/16	3/16
1/8	6	7	1/8	1/8	1/8	1/8	1/8	1/8	1/8
1/16	4	7	1/16	1/16	1/16	1/16	1/16	1/16	1/16
1/32	3	7	1/32	1/32	1/32	1/32	1/32	1/32	1/32
1/64	2	7	1/64	1/64	1/64	1/64	1/64	1/64	1/64
1/128	1	7	1/128	1/128	1/128	1/128	1/128	1/128	1/128
1/256	1	7	1/256	1/256	1/256	1/256	1/256	1/256	1/256
1/512	1	7	1/512	1/512	1/512	1/512	1/512	1/512	1/512
1/1024	1	7	1/1024	1/1024	1/1024	1/1024	1/1024	1/1024	1/1024
1/2048	1	7	1/2048	1/2048	1/2048	1/2048	1/2048	1/2048	1/2048
1/4096	1	7	1/4096	1/4096	1/4096	1/4096	1/4096	1/4096	1/4096
1/8192	1	7	1/8192	1/8192	1/8192	1/8192	1/8192	1/8192	1/8192
1/16384	1	7	1/16384	1/16384	1/16384	1/16384	1/16384	1/16384	1/16384
1/32768	1	7	1/32768	1/32768	1/32768	1/32768	1/32768	1/32768	1/32768
1/65536	1	7	1/65536	1/65536	1/65536	1/65536	1/65536	1/65536	1/65536
1/131072	1	7	1/131072	1/131072	1/131072	1/131072	1/131072	1/131072	1/131072
1/262144	1	7	1/262144	1/262144	1/262144	1/262144	1/262144	1/262144	1/262144
1/524288	1	7	1/524288	1/524288	1/524288	1/524288	1/524288	1/524288	1/524288
1/1048576	1	7	1/1048576	1/1048576	1/1048576	1/1048576	1/1048576	1/1048576	1/1048576
1/2097152	1	7	1/2097152	1/2097152	1/2097152	1/2097152	1/2097152	1/2097152	1/2097152
1/4194304	1	7	1/4194304	1/4194304	1/4194304	1/4194304	1/4194304	1/4194304	1/4194304
1/8388608	1	7	1/8388608	1/8388608	1/8388608	1/8388608	1/8388608	1/8388608	1/8388608
1/16777216	1	7	1/16777216	1/16777216	1/16777216	1/16777216	1/16777216	1/16777216	1/16777216
1/33554432	1	7	1/33554432	1/33554432	1/33554432	1/33554432	1/33554432	1/33554432	1/33554432
1/67108864	1	7	1/67108864	1/67108864	1/67108864	1/67108864	1/67108864	1/67108864	1/67108864
1/134217728	1	7	1/134217728	1/134217728	1/134217728	1/134217728	1/134217728	1/134217728	1/134217728
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1/4294967296	1	7	1/4294967296	1/4294967296	1/4294967296	1/4294967296	1/4294967296	1/4294967296	1/4294967296
1/8589934592	1	7	1/8589934592	1/8589934592	1/8589934592	1/8589934592	1/8589934592	1/8589934592	1/8589934592
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1/34359738368	1	7	1/34359738368	1/34359738368	1/34359738368	1/34359738368	1/34359738368	1/34359738368	1/34359738368
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LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Company _____
Address _____
Field _____
State _____
County _____
Location _____
The information given herewith is a complete and correct record of the well and all work done thereon
to far as can be determined from all available records. Original signed by _____
Signed _____
Date _____
Title _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Depth	From	To	Kind of casing	Amount	Remarks
-------	------	----	----------------	--------	---------

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there are any changes made in the casing, state fully, and if any casing was "stacked," 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 for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

Depth	From	To	Kind of mud	Method used	Amount of mud used
-------	------	----	-------------	-------------	--------------------

PLUGS AND ADAPTERS

Plugs _____
Adapters _____

SHOOTING RECORD

Depth	From	To	Kind of shot	Quantity	Remarks
-------	------	----	--------------	----------	---------

TOOLS USED

Rotary tools used from _____ to _____
Cable tools used from _____ to _____

DATES

From _____ to _____
The production for the first 24 hours was _____

emulsion _____
If gas well, on the per 24 hours _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Man Drilling _____

FORMATION RECORD

FORMATION	TOTAL FEET
-----------	------------

Location of top of _____

_____ 1000
_____ 900
_____ 800
_____ 700
_____ 600
_____ 500
_____ 400
_____ 300
_____ 200
_____ 100
_____ 0

Total Depth _____