

**Santa Fe, New Mexico**

A blank 10x10 grid for graphing. The grid consists of 10 columns and 10 rows of squares. A horizontal line is drawn across the middle of the grid, separating the top 5 rows from the bottom 5 rows. A vertical line is drawn down the middle of the grid, separating the left 5 columns from the right 5 columns. This creates four quadrants, each measuring 5 units by 5 units.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**DUPLICATE** \_\_\_\_\_  
**WELL RECORD**

RECEIVED  
FEB 22 1940  
HOBBS OFFICE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE.

Aston & Fair Box # 218, Smith, New Mexico  
Company or Operator Address  
State of New Mexico Well No. 1 in SW NE of Sec. 11, T. 18 S  
Lease  
R. 29 E, N. M. P. M., Loco Hills Field, Eddy County.  
Well is 1650 feet south of the North line and 2310 feet west of the East line of Sec. 11-188-29E  
If State land the oil and gas lease is No. B-6570 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is \_\_\_\_\_, Address \_\_\_\_\_  
Drilling commenced 12/18/39 19\_\_\_\_ Drilling was completed 2/12/40 19\_\_\_\_  
Name of drilling contractor Aston & Fair, Address Box # 218, Smith, New Mexico  
Elevation above sea level at top of casing 3511 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 2650 to 2653 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

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

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

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

## CASING RECORD

[illegible]

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 1/2"	453	50	Gibson		
8" <del>10 1/2"</del>	7" OD	2521	100	"		5 tons

## PLUGS AND ADAPTERS

Heaving plug—Material\_\_\_\_\_Length\_\_\_\_\_Depth Set\_\_\_\_\_

Adapters—Material\_\_\_\_\_Size\_\_\_\_\_

### RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
4 1/2"	"F" Duplex	Nitroglycerin	70 qts.	2/15/40	2631-2653	2653'

Results of shooting or chemical treatment \_\_\_\_\_ Well made 10 Bbls. per hour before shot, After shot  
well made 25 bbls. per hour. \_\_\_\_\_

### RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

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

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

**2000  
PRODUCTION**

Put to producing \_\_\_\_\_ 19\_\_\_\_\_  
 Well shut in waiting on pipe line connection  
 The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ %  
 emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

Frank Starkey	Driller	H. M. Conyers	Driller
E. A. Samples	Driller	John Hickman	Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 20

day of February, 1940

Chas. C. Weston  
Notary Public

Smith, N. Mexico 2/20/40

Name E. C. Gaston

Position Bookkeeper

Representing *W. & L. G.*

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Sand & shale
40	172	132	Sandy shale
172	198	26	Shale
198	260	62	Gypsum
260	260	20	Red bed
280	295	15	Gypsum
295	350	55	Red rock & gypsum shells
350	355	5	Gypsum
355	360	25	Red bed
380	382	2	Shells
382	420	38	Salt
420	445	25	Red bed
445	485	40	Salt
485	725	240	Salt & shells
725	950	225	Salt & anhydrite
950	1025	75	" " & shells
1025	1130	105	Anhydrite
1130	1175	45	"
1175	1205	30	" & red bed
1205	1235	30	" & red rock
1235	1250	15	"
1250	1275	25	" & red rock
1275	1295	20	" & gypsum
1295	1320	25	" & red rock
1320	1405	85	"
1405	1430	25	" & gypsum
1430	1530	100	"
1530	1600	70	"
1600	1620	20	Lime shells & anhydrite
1620	1965	345	Anhydrite
1965	1980	15	" & breaks
1980	2070	390	"
2070	2080	10	Potash & anhydrite
2080	2150	70	Anhydrite
2150	2160	10	Red sand
2160	2183	23	Sand
2183	2280	97	Anhydrite
2280	2295	15	" & lime shells
2295	2305	10	"
2305	2320	15	" & shell breaks
2320	2345	25	"
2345	2360	15	" & breaks
2360	2375	15	" & lime shells
2375	2455	80	"
2455	2615	160	Lime
2615	2630	15	" sandy
2630	2653	23	Sand Oil

Total depth 2653'