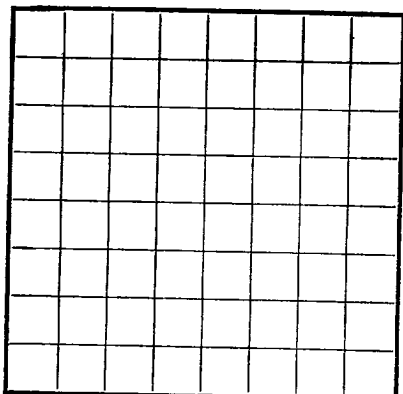


Form 9-330



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 15 1958
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **Three States Natural Gas Co.** Address **102 South Second, Artesia, N.M.**
Lessor or Tract **Charles E. Jones** Field **Wildcat** State **New Mexico**
Well No. **1-23** Sec. **23** T. **19S** R. **31E** Meridian **N.M.P.M.** County **Eddy**
Location **Angle-Welch** of N. Line and **660** ft. of E. Line of **sec. 23** Elevation **3535**
(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 **Don Anger by Robert S. [Signature]**
Date **May 5, 1957** Title **Agent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **March 8**, 19**57** Finished drilling **April 8**, 19**57**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **2452** to **2464** 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—	
8-5/8	24	8	used	1000	Texas	cemented with 50 sacks of cement			
7	22	8	used	2773	Texas	cemented with 15 sacks of cement			
HISTORIA OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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 _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **2943 TD** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **dry hole**, 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

M. F. Willis, Driller **Ray McGraw**, Driller
Elmer Farr, Driller **Frank Hill**, Driller
Ray Hill
T. Davis

FORMATION RECORD

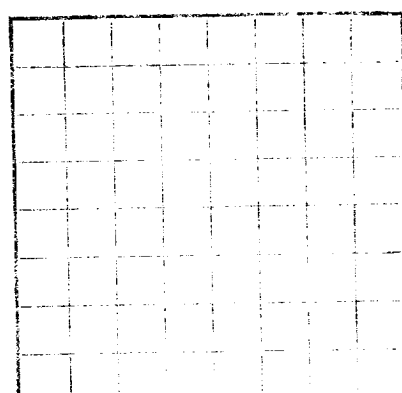
FROM—	TO—	TOTAL FEET	FORMATION
0	60	sand	
60	730	sand, anhydrite, gyp &(water @ 230 ft. & 635 ft.)	
730	1000	shale	
1000	1010	shale	
1010	1045	anhydrite and salt	
1045	1055	salt	
1055	1240	salt	
1240	2135	salt	
2135	2222	salt & gyp	
2222	2380	anhydrite	
2380	2397	lime	
2397	2450	anhydrite	
2450	2510	sand & shale	(2484' testing 1 hr. 5 gal oil + 6 gal water (2491' testing, no increase) (2510' testing- 3 hrs. 2 gal oil per hr.& 8 gallons water per hr.)
2510	2520	lime	
2520	2550	sand	
2550	2701	lime, shale & anhydrite	(2550-2558' testing, 2 hrs. 35 gallons water per hour & 2 gal oil p/hr
2701	2943 total	depth line	

SIM- 2550-2561 2674' had 1200 ft. water in hole
2674' had 1200 ft. water in hole
2685' had 1400' water in hole, reduced hole to 6-inches @ 2773'
Ran Schlumberger log May 15, 1958.

Geological Tops: Top Anhydrite 990 EL (OVER)
Top Yates 2420 EL

FORMATION RECORD—Continued

U.S. LAND OFFICE
SERIAL NUMBER 10 05230
NEW YORK



LOCALITY REPORT

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EX-100
JUL 1 1967
U.S. DEPT. OF JUSTICE

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 _____
 Location of _____ of _____ and _____ ft. _____
 Well No. _____ Sec. _____ T. _____ R. _____ Meridian
 _____ County _____ State _____
 Address _____

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

Table 1

Table 2

Table 3

Table 4

Table 5

Table 6

Table 7

Table 8

Table 9

Table 10

Table 11

Table 12

Table 13

Table 14

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Table 4

OIL OR GAS SANDS OR ZONES

① 1990年1月1日起

No. 1, from	to	No. 1, from	to
No. 2, from	to	No. 2, from	to
No. 3, from	to	No. 3, from	to
No. 4, from	to	No. 4, from	to
No. 5, from	to	No. 5, from	to
No. 6, from	to	No. 6, from	to
No. 7, from	to	No. 7, from	to
No. 8, from	to	No. 8, from	to
No. 9, from	to	No. 9, from	to
No. 10, from	to	No. 10, from	to

IMPORTANT WATER SAVING

03	mon, 8.0%	04	mon, 8.0%
03	mon, 4.0%	04	mon, 4.0%

CRIMINAL RECORD

[illegible]

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 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 cemented, state the position, date, 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 balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE: 1964-2-48094-2

[illegible]

PLUGS AND ADAPTERS

Leaving brig - Zepher	Depth	Depth set
Abdullah - M. 101	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

test	of test	test and from	of test	of test	of test
test	of test	test and from	of test	of test	of test

2000

[illegible]

TIME OVER

roll 1	roll 1	roll 1	roll 1
roll 2	roll 2	roll 2	roll 2

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued

FROM	TO	DATE	TIME	REMARKS
1000	1000	1000	1000	1000

FORMATION