

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE **Las Cruces**
LEASE NUMBER **065525**
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State **New Mexico** County _____ Lea _____ Field **Elliott (Temporarily Abandoned)**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **March**, 19 **54**, **Temporarily abandoned**

Agent's address **Box 2227** Company **Fullerton Oil Company**
Hobbs, New Mexico Signed **R. J. Madra**

Phone **3-1194** Agent's title **Division Geologist**

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE 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)
SE NW Sec. 8	21	38	1	0	-0-					Temporarily abandoned.

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 te with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

State New Mexico
County
The following is a correct report of operations and production (including drilling and producing wells) for the month of
Agent's address
for a New Mexico
Agent's title
Signed
Company
Field Office, Department of Energy

[illegible][illegible]

(SUBMIT IN TRIPLICATE)

Land Office Artesia, N. M.Lease No. LC-058056

Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYFederal H. A. Keinath

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 REDRILLING 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 <u>Plug Back</u> ☒	

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

Midland, Texas January 17, 1945Well No. 1 is located 1980 ft. from [N] line and 1855 ft. from [W] line of sec. 8SE/4 of NW/4 of Sec. 8
(1/4 Sec. and Sec. No.)T-21-S
(Twp.)R-38-E
(Range)

(Meridian)

South Nadine Wildcat
(Field)Lea
(County or Subdivision)New MexicoThe elevation of the derrick floor above sea level is 3575 ft.

DETAILS OF WORK

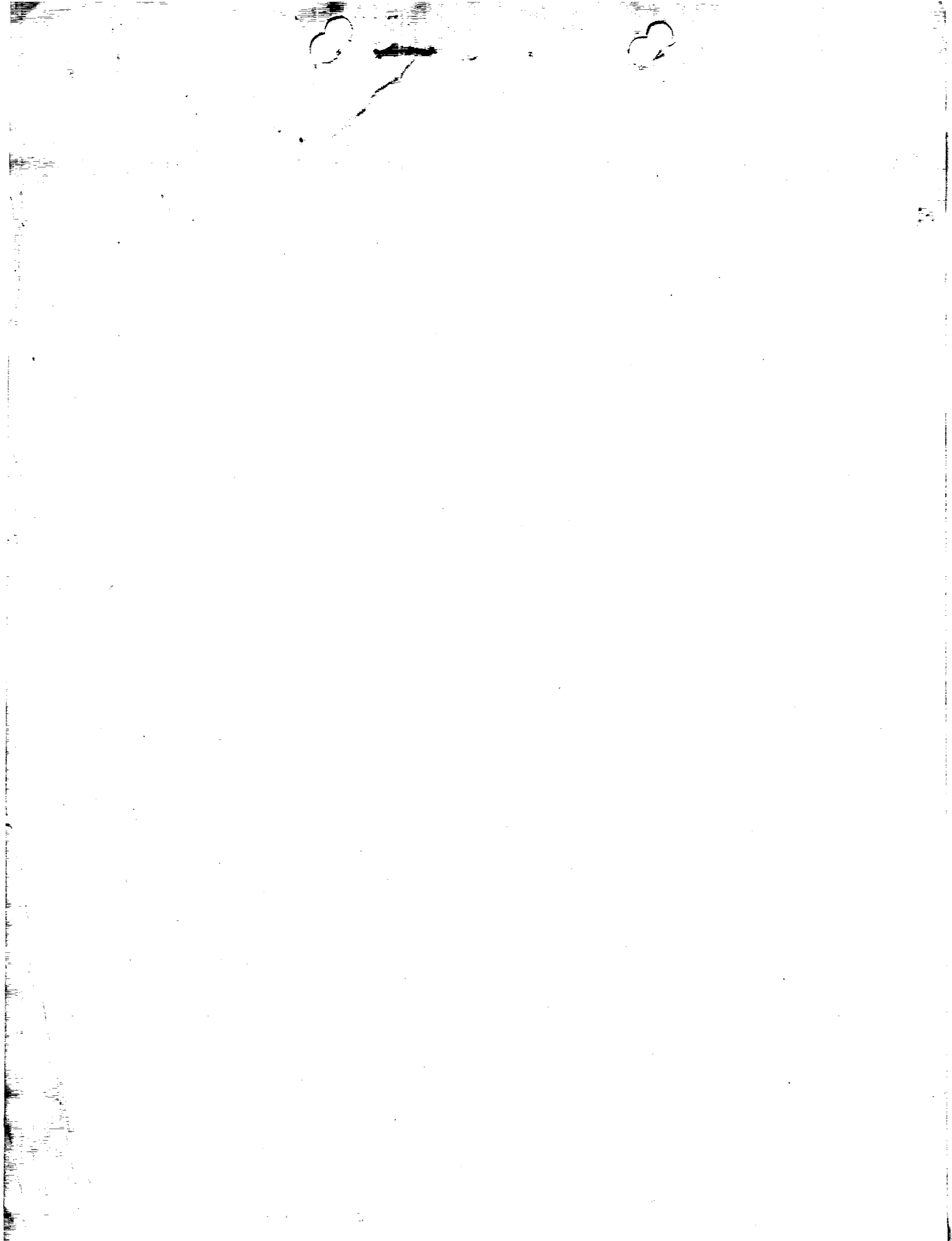
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

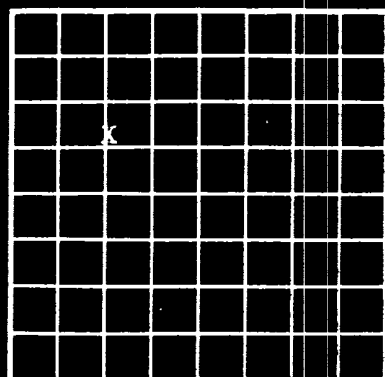
The well was drilled to a total depth of 9954' at which point, geological formation indicated that further drilling was not desirable. Our method of abandonment of this well will be as follows: Hole will be filled with cement from total depth of 9954' to 9660'. Heavy mud laden fluid will be pumped in hole from 9660' to 7750'. Hole will be cemented from 7750' to 7550' with 80 sacks of cement. Formation will be drill stem tested from 7550' to 7300'; if formation from 7550' to 7300' fails to produce, cement plug will be placed from 7550' to 7300'. Heavy mud laden fluid will be pumped in hole from 7300' to 3300'. Cement plug from 3300' to 3200', heavy mud laden fluid to 25', cement 25' in top of hole and suitable marker will be placed in accordance with plugging requirements.

Cement circulated to surface behind 9-5/8" casing set at 3302'. No attempt will be made to recover 9-5/8" casing.

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

Company Humble Oil & Refining CompanyAddress Box 1600Midland, Texas.By F. H. Keinath
AssistantTitle Division Superintendent.





LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Location 1980 ft. { N. } of Line and 1855 ft. { E. } of Line of Sec. 8 Elevation 3574
(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

Date March 8, 1945 Title Division Superintendent

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

Commenced drilling	June 21	19 44	Finished drilling	January 15,	19 45
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OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 3, from 7990 to Devonian No. 6, from 9692 to Ellenburger

IMPORTANT WATER SANDS

No. 2, from [redacted] to [redacted] No. 4, from [redacted] to [redacted]

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	411.82	360	Ball.		
9-5/8	3296.51	700	Ball.		
7	7553.23	150			

PLUGS AND ADAPTERS

Adapted	Material	None	Size	Weight	Price	Notes

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
0002	0018		TIME	01/07/6		
0005	0020		TIME	08/09		
0100	0005		TIME	3/01/6		
0125	0100		TIME			
0205	0100	None	00015	TIME		
0212	0005		00070	02/09		
0201	0012	TOOLS USED		TIME		

TOOLS USED

Cable tools were used from 0 feet to 250 feet, and from 250 feet to 300 feet.

DATE:

0001	2412	, 19	2412 to producing	, 19
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The production for the first 24 hours was None-Dry Wells of fluid of which _____ % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. **Sp. Gr.** _____ Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
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Rock pressure, lbs. per sq. in. 2.87e

EMPLOYEES

2001 W. S. 2002, Driller TIME & 2001, Driller

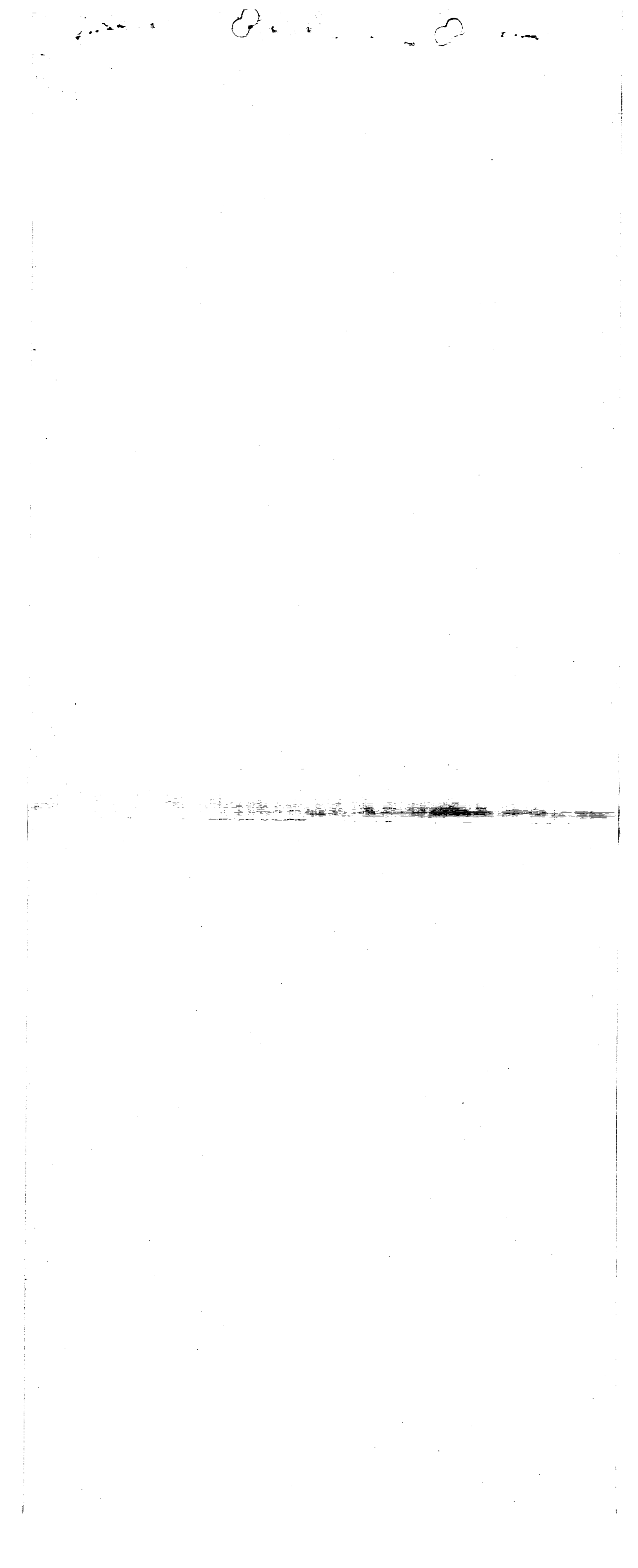
FORMATION RECORD

[illegible]

(OVER)

FORWALION RECORD—Continued

③ ④ ⑤



DALEY

MARK FOLD

U. S. GOVERNMENT PRINTING OFFICE 6-6745

$$E_{\text{eff}} = \frac{E_0}{1 + \frac{1}{2} \frac{E_0}{E_{\text{eff}}}} \quad (1)$$

CONCLUSIONS

1970 JUL 28 8 1050

10-10-68 T380 10-10-68 T380 10-10-68 T380 10-10-68 T380

198205 01 1100	167618	KATHACH	1100	1100	01	1100	1100
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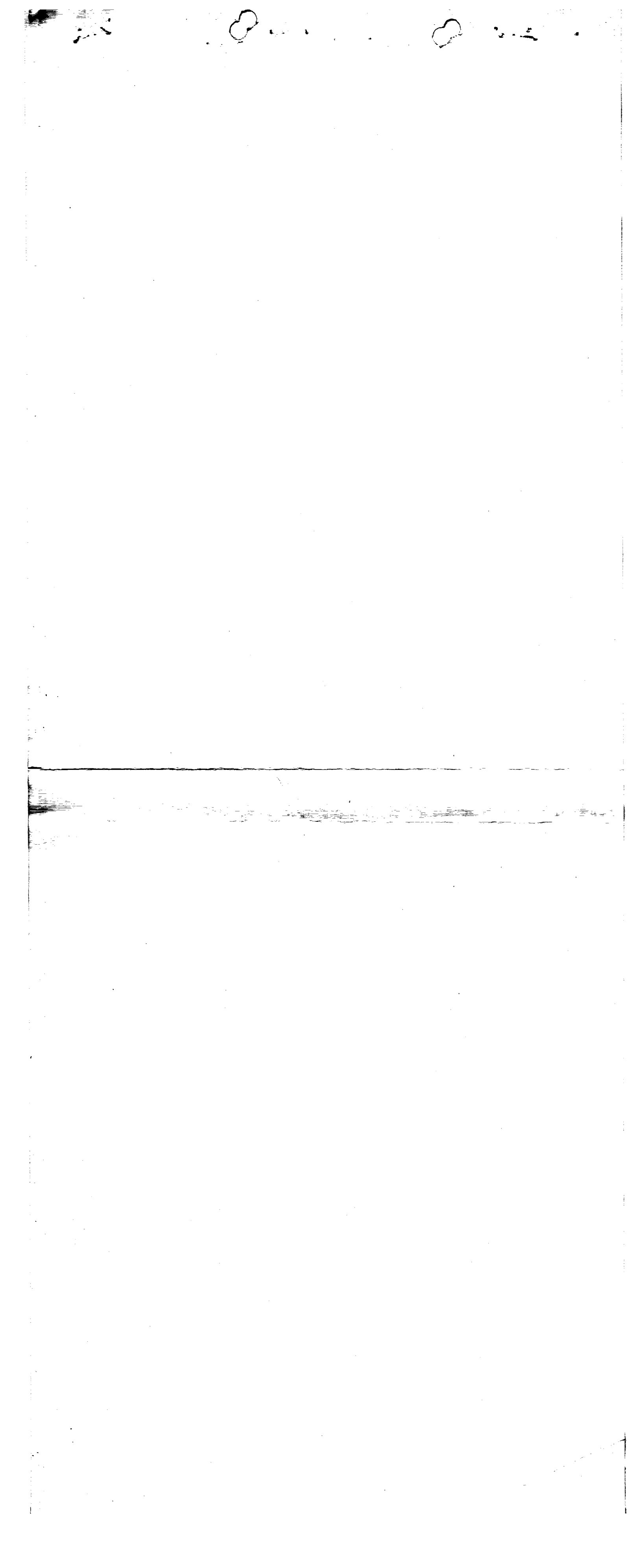
(Continued) STATE OF KENTUCKY WYNN ROY FRED WAGNER T. JAMES

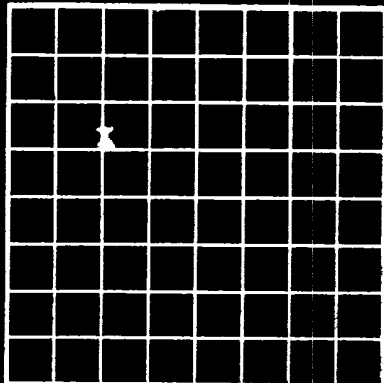
LOCATE WITH CORRECT

A full-page image of a blank sheet of white graph paper. The grid consists of thin, light gray horizontal and vertical lines intersecting at right angles to form a uniform pattern of small squares across the entire page. There are no margins, text, or other markings on the paper.

GEOLOGICAL SURVEY

TYPE OF SERVICE TO PROSECUTOR	1
SERIAL NUMBER	1
INVESTIGATIVE OFFICE	1





LOCATE WELL CORRECTLY

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Mobile Oil & Refining Co. Address Box 2122, Houston 1, Texas
Lessor or Tract Federal Land Field S. Marine State New Mexico
Well No. 1 Sec. 8 T. 21 R. 22 Meridian County Lee
Location 1000 ft. {N. } of Line and 1000 ft. {E. } of Line of Sec. 8 Elevation 3074
(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.

Date March 8, 1945

Signed

Title Division Superintendent

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

Commenced drilling 1-21-44, 19... Finished drilling 1-15-45, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1400 to Anhydrite No. 4, from 5015 to Silurian
No. 2, from 2000 to Tubes No. 5, from 5000 to Simpson
No. 3, from 7000 to Severnian No. 6, from 5000 to Willaburg

IMPORTANT WATER SANDS

No. 1, from 1400 to 1400 No. 3, from 1400 to 1400
No. 2, from 1400 to 1400 No. 4, from 1400 to 1400

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
15 5/8	41.02	500	None	1123.04	Ball.	None	7000	7000	Test Zone
8 1/8	24	6-5	None	1123.04	Ball.	None	7000	7000	Test Zone
7"	23	6-5	None	1123.04	Ball.	None	7000	7000	Test Zone

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
15 5/8	411.02	500	Ball.		
8 1/8	7553.13	500			

PLUGS AND ADAPTERS

Heaving plug—Material None Length 1123.04 Depth set 9954
Adapters—Material None Size 1123.04

SHOOTING RECORD

Size	Shots	Explosive used	Quantity	Depth shot	Depth cleaned out
None					

TOOLS USED

Rotary tools were used from 0 feet to 1123.04 feet, and from 1123.04 feet to 1123.04 feet
Cable tools were used from 0 feet to 1123.04 feet, and from 1123.04 feet to 1123.04 feet

DATES

The production for the first 24 hours was 1123.04 barrels of fluid of which 1123.04 % was oil; 1123.04 % emulsion; 1123.04 % water; and 1123.04 % sediment. Gravity, °Bé. 1123.04
If gas well, cu. ft. per 24 hours 1123.04 Gallons gasoline per 1,000 cu. ft. of gas 1123.04
Rock pressure, lbs. per sq. in. 1123.04

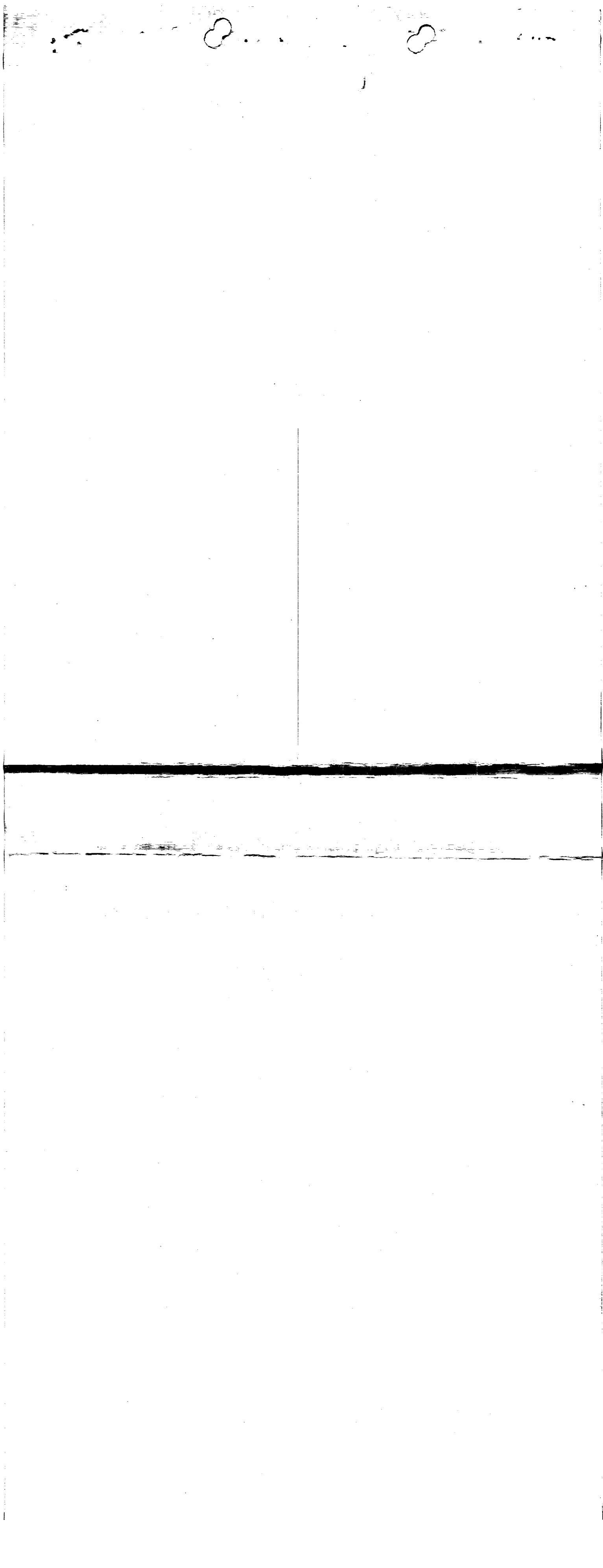
EMPLOYEES

J. I. Peoley, Driller J. W. Adams, Driller
J. S. Box, Driller J. W. Adams, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	125		Shale, Shells
125	200		Shale & Red Rock
200	1100		Shale & Shells
1100	1201		Shale & Shells
1201	1200		Shale & Shells
1200	1200		Anhydrite & Red Rock
1200	1200		Red Rock
1200	1200		Anhydrite
1200	1200		Salt & Anhydrite
1200	1200		Anhydrite, Salt Streaks
1200	1200		Salt & Anhydrite
1200	1200		Anhydrite
1200	1200		Anhydrite & Gyp
1200	1200		Anhydrite
1200	1200		Anhydrite & Black Line
1200	1200		Anhydrite
1200	1200		Shale & Anhydrite
1200	1200		Anhydrite
1200	1200		Anhydrite & Shale
1200	1200		Anhydrite
1200	1200		Shale
1200	1200		Shale & Anhydrite
1200	1200		Shale
1200	1200		Lime & Shale
1200	1200		Lime
1200	1200		Lime & Shale

FORMATION RECORD—Continued



(0A-23)

FOLD MARK

CONFIDENTIAL

1998年12月15日

CRIME RECORD

4450

Calculus-Based Approach

511

PROXY: www.netc.com

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GEOLOGICAL SURVEY

ГЕТЕР ОН БЕРНАД ДА БРОДЕРС
ДЕНИС ДАВЕС
Д. С. ГАРД ОУЕНС

cc da

(SUBMIT IN TRIPLICATE)

Land Office Artesia, N. M.

Lease No. IC-058056

Unit

Federal H. 7/21/47

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 REDRILLING 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)

Midland, Texas July 8, 1944

Well No. 1 is located 1900 ft. from N line and 1855 ft. from W line of sec. 8

SE/4 of NW/4 of Sec. 8

21-S

38-E

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

South Nadine Wilcat

Lee

New Mexico

(Field)

(County or Subdivision)

The elevation of the derrick floor above sea level is 3575 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casing; indicate mudding jobs, cementing points, and all other important proposed work)

Amended Report

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FT.	NEW OR SECOND-HAND	DEPTH	LANDED OR CEMENTED	SACKS CEMENT	METHOD OF CEMENTING
17"	13-3/8"	70#	Second-Class	400'	Cemented	200	Halliburton
12-1/4"	9-5/8"	28#	New	3000'	"	700	"
7-3/8"	5-1/2"	17#	"	10,500'	"	500	"

Inasmuch as Yates Sand Section was found to be running normal, we are following usual procedure of setting pipe through this area. Thereby protecting Yates Sand and improve type of samples to be recovered.

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

Company Humble Oil & Refining Company

Address Box 1600, Midland, Texas

By

Title Asst. Division Superintendent

CC9

(SUBMIT IN TRIPLICATE)

U. S. Land Office, Artesia, N.M.Lease or permit No. LC-058056

Federal-H.A.Keinath

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPROVED

6/29/44
J. C. Van der Horst
ACTING DISTRICT ENGINEER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
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 REDRILLING OR REPAIR.....	
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

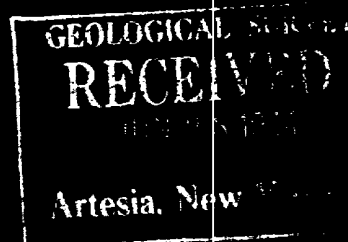
Midland, Texas, June 26, 1944

Well No. 1 is located 1980 ft. from N line and 1855 ft. from E line of sec. 8SE 1/4 of NW 1/4 of Sec. 8 21-S 38-E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)South Nadine Wildcat Lea New Mexico
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 3575 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)

Tested 13-3/8" casing with 500# pump pressure at 12 noon June 25, 1944 after allowing cement to set 48 hours. Tested satisfactory.



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

Company Humble Oil & Refining CompanyAddress Box 1600Midland, TexasBy *J. C. Van der Horst*Title Asst. Division Superintendent

(SUBMIT IN TRIPPLICATE)

U. S. Land Office Artesia, N. M.

Federal-H. A. Keith

Lease or permit No. IC-058056UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPROVED

6/29/44
J. J. K. K.
ACTING DISTRICT ENGINEER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	X	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.....			

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

Midland, Texas, June 24, 1944Well No. 1 is located 1980 ft. from N line and 1855 ft. from E line of sec. 8SE/4 of NW/4 of Sec. 8
(1/4 Sec. and Sec. No.)21-6
(Twp.)38-E
(Range)38-E
(Meridian)South Nadine Wilcox
(Field)Lea
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 3575 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)

SET CASING AS FOLLOWS

SIZE	WEIGHT	AMOUNT	SET AT	FORMATION	DEPTH OF WELL	NO. SACKS & MAKE CEMENT	PLUG ON BOTTOM
13-3/8"	70#	283'	412'	Red beds	412'	360 sacks Incor	4:27 AM 6-24-44

Halliburton method used.

To test with 500# pump pressure 12 noon June 25, 1944.

Specified on Form 9-331A that 400' of 13-3/8" casing would be set and cemented with 200 sacks cement.

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

Company Humble Oil & Refining CompanyAddress Box 1600Midland, TexasBy J. J. K. K.Title Asst. Division Superintendent

cc 11

(SUBMIT IN TRIPLICATE)

U. S. Land Office, Artesia, N. M.

Lease or permit No. LC-058056

Federal-M. A. Keinath

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	X	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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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)

Midland, Texas, June 7, 1944

Well No. 1 is located 1980 ft. from $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$ line and 1855 ft. from $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$ line of sec. 8SE 1/4 of NW 1/4 of Sec. 8, 21-S, 38-E, (Meridian)
(1/4 Sec. and Sec. No.) (Twp.) (Range)
~~South Nadine Wilcox~~ *Handy* Lee New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3575 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FT.	NEW OR SECOND-HAND	DEPTH	LANDED OR CEMENTED	SACKS CEMENT	METHOD OF CEMENTING
17"	13-3/8"	70#	Second-class	400'	Cemented	200	Halliburton
12-1/4"	9-5/8"	28#	New	300-0 2900'	"	700	"
7-3/8"	5-1/2"	17#	"	10,500'	"	100	"

GEOLOGICAL SURVEY
RECEIVED
JUN 9 - 1944

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

Company Humble Oil & Refining Company

Address Box 1600, Midland, Texas

By *[Signature]*
Title Division Superintendent

2212

