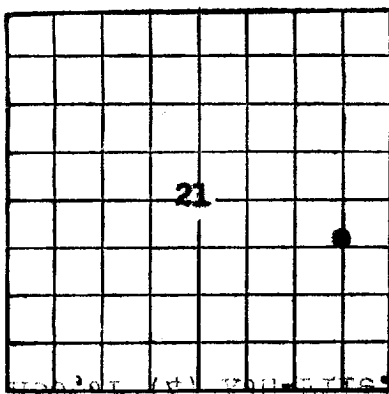
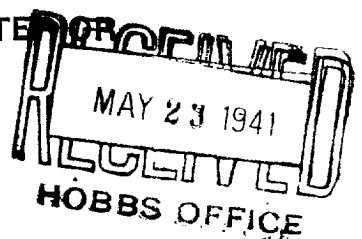


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER _____
LEASE OR ~~PROSPECT~~ PROSPECT 030181(e)

LOCATE WELL CORRECTLY

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 1720, Fort Worth, Texas
Lessor or Tract H. G. Moberly(s) Field Rhodes State New Mexico
Well No. 2 Sec. 21 T. 26-S R. 37-E Meridian N.M.P.M. County Lea
Location 1980 ft. N. of 8 Line and 660 ft. E. of E Line of said Sec. 21 Elevation 2977 (L&S)
(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 _____ Title District SuperintendentDate May 22, 1941

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

Commenced drilling January 2, 1941 Finished drilling May 1, 1941

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2880 to 2987 No. 4, from 3176 to 3253
No. 2, from 2987 to 3007 No. 5, from _____ to _____
No. 3, from 1098 to 3107 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 315 to 420 No. 3, from 453 to 470
No. 2, from 420 to 453 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	8	LV	234	Tex. Pat.	Full			
8-5/8	32	8-Y	LW	1166	"	"			
7"	24	8-Rnd	LW	3114	Baker Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1160	200	Halliburton		
7"	3093	225	"		

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
4-1/2	3	Nitroglycerine	64 qts	3-9-41	3234-3253	To TD-3253

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3253 feet, and from _____ feet to _____ feet

DATES

May 22, 1941 Put to producing May 1, 1941The production for the first 24 hours was 30 barrels of fluid of which 100 % was oil; --- % emulsion; --- % water; and --- % sediment. Gravity, 26 API-38

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____ Gas-Oil Ratio - 2460

EMPLOYEES

H. S. Smith, Driller G. A. Fowler, DrillerGeo. Ring, Driller C. E. Lybarger, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	110	110	Red Sand
110	150	40	Red Beds
150	165	15	Blue Shale
165	315	150	Red Beds
315	335	20	Water Sand
335	420	85	Sand & Shale
420	435	15	Water Sand
435	453	18	Red Rock
453	470	17	Water Sand
470	565	95	Sandy Shale
565	1087	522	Red Rock & Red Beds
1087	1230	143	Anhydrite
1230	1510	280	Salt & Anhydrite
1510	1580	70	Salt & Potash
1580	2092	512	Anhydrite, Salt & Potash
2092	2320	228	Salt & Potash
2320	2395	75	Anhydrite
2395	2744	349	Salt & Anhydrite
2744	2848	104	Brown Lime
2848	2880	32	Gray Lime
2880	2907	27	Gray Sand
2907	2987	80	Lime & Sandy Lime
2987	3002	15	Sand
3002	3077	75	Lime

(OVER)

6-5745

FORMATION RECORD—Continued

[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

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 dynamited, give date, size, position, and number of shots. If pins or bridges were put in to test for water, state kind of material used, position, and results to pumping.

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. The well has been dynamited, give date, size, position, 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 bailing. 29377 Estimated at \$6,000.00. The well was drilled with water on the drilling operations. On 3107 tested 1,360 M.C.F. The well was red from 3173 to 3191; from 3193 to 3203. The well was

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 dynamited, give date, size, position, 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 bailing. The well was completed at 6,000 M.C.F. and killed with water in order to

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 "sidedracked," or left in the well, give its size and location. The well has been dynamited, give date, size, position, 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 bailing. The well was estimated at 6,000 m. d. and was killed with water in order to

the drilling operations. Gas at 3107 tested 1,360 m. c. ft. The well was

ed from 3173 to 3191; from 3193 to 3201 from 3201 to 3203, and from 3250 to 3253 before shooting with 64 quarts of nitroglycerine. It

7 to 3253 the well produced 17 bbls oil with 1,020 m. c. d. Gas in 27 hr

er shooting was sent out to bottom the well produced 20 bbls oil flow

up a gas oil ratio of approximately 28,000 m. c. d. A well packer was set on

1212 and 100 gallons of power packer were spotted above the packer to

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. The hole has been dynamited, give date, size, position, 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 bailing.

2957-600 M.D. was killed with water in order to
on drilling operations. Gas at 3107 tested 1,360 M.C.F. The well was
ed from 3173 to 3191; from 3193 to 3201, and from 3201 to 3203, and from
3250 to L.B. 3253 before shooting with 6% guarts or nitroglycerine tr
y to 3253 the well produced 17 bbls oil with 1,020 M.C.F. Gas in 27 hrs
er shooting returning out to bottom the well produced 20 bbls oil flow
n a gas oil ratio of approximately 8,000. A well packer was set on
first and 100 gallons of Dowell packer were spotted above the packer to
have the gas-oil ratio. After setting the packer, the well produced 30
the oil in 27 hrs flowing through 3 1/4" choke with gas-oil ratio of

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. The well has been dynamited, give date, size, position, 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 bailing. It was killed with water in order to

The drilling operations. Log at 3107 tested 1,360 M.C.F. The well was sidetracked from 3173 to 3191; from 3193 to 3201; from 3203, and from 3250 to L.B. 3253 before shooting with 6 quarts of nitroglycerine. From 3253 the well produced 17 bbls oil with 1,020 M.C.F. Gas in 27 hr. per shooting resulting out to bottom the well produced 20 bbls oil flow with a gas oil ratio of approximately 28,000 bbls A well packer was set on 3251 and 100 gallons of cement packer were spotted above the packer. The gas-oil ratio. After setting the packer, the well produced 30 bbls oil in 27 hrs. flowing through 3/4 inch choke with gas-oil ratio of 100 bbls oil per shotting, a string of tools were lost in the hole. Tools were sidetracked and later the hole approximately as follows:

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 dynamited, give date, size, position, 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 bailing. The well was estimated at 6,000 M.C.F. and was killed with water in order to prevent drilling operations. Gas at 3107 tested 1,360 M.C.F. The well was sidetracked from 3201 to 3203, and from 3250 to 3253 before shooting with 6% quartets of nitroglycerine. It was 7 to 3253 the well produced 17 bbls oil with 1,020 M.C.F. Gas in 27 hrs or shooting returning out to bottom the well produced 20 bbls oil flow with a gas oil ratio of approximately 28,000. A well packer was set on 3251 and 100 gallons of cement packer were spotted above the packer to seal the gas-oil ratio. After setting the packer, the well produced 30 to 1100 oil in 27 hrs. Flowing through 3/4" choke with gas-oil ratio of 100 returning out after shooting, a string of tools were lost in the hole. Tools were sidetracked and left in the hole approximately as follows: Rope socket & jammer 3273, BANDS OR BOLTS. Drill stem & bit at 3217-3279.

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 dynamited, give date, position, 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 bailing. The well was estimated at 6,000 m. d. was killed with water in order to the drilling operations. Gas at 3107 tested 1,360 m. c. f. The well was sidetracked from 3173 to 3191; from 3193 to 3201 and from 3203, and from 3250 to 3253 before shooting with 64 quarts of nitroglycerine from 3253 the well produced 17 bbls oil with 1,020 m. c. f. Gas in 27 hr. of shooting resulting out to bottom the well produced 20 bbls oil flow with a gas oil ratio of approximately 28,000 bbls A well packer was set on 3251 and 100 gallons of cement packer was spotted above the packer to have the gas-oil ratio. After setting the packer, the well produced 30 bbls oil in 27 hrs. flowing through 3/4" choke with gas-oil ratio of 100 bbls oil after shooting, a string of tools were lost in the hole tools were sidetracked and lost in the hole approximately as follows: Rope socket & jawline 3277 bands or joints Drill stem & bit at 3217-3279.

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 dynamited, give date, position, and number of shots. If pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing. The well was sidetracked at 6,000 M.C.F. was killed with water in order to complete drilling operations. Gas at 3107 tested 1,360 M.C.F. The well was sidetracked from 3173 to 3191; from 3193 to 3233 and from 3201 to 3203, and from 3250 to 3253. Before shooting with 67 quarts of nitroglycerine from 3253 the well produced 17 bbls oil with 1,020 M.C.F. Gas in 27 hrs. of shooting sidetracking out to bottom the well produced 20 bbls oil flow with a gas oil ratio of approximately 28,000. A well packer was set on 3231 and 400 gallons of cement packer were spotted above the packer to plug the gas-oil ratio. After setting the packer, the well produced 30 bbls oil in 27 hrs. flowing through 3/4" choke with gas-oil ratio of 10. Sidetracking out after shooting, a string of tools were lost in the hole. Tools were sidetracked and later the hole approximately as follows: Rope socket & jawline 3277, BANDING OR LOMES, Drill stem & bit at 3272-3279.

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and drilling operations. Gas at 3107 tested 1,360 M.C.F. The well was sidetracked from 3173 to 3191; from 3193 to 3203, and from 3203, and from 3250 to 3253. Before shooting with 6% quarts of nitroglycerine in 3253 the well produced 17 bbls oil with 1,020 M.C.F. Gas in 27 hrs. or shooting returning out to bottom the well produced 20 bbls oil flow with a gas oil ratio of approximately 28,000. A well packer was set on 3251 and 100 gallons of cement packer were spotted above the packer to have the gas-oil ratio. After setting the packer, the well produced 30 to 1700 bbls in 27 hrs. flowing through 3/4" choke with gas-oil ratio of 100. The remaining out after shooting, a string of tools were lost in the hole. Tools were sidetracked and lost in the hole approximately as follows:

Rope socket & jawline
Drill stem & bit at 3217-3269.

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the drilling operations. Log at 3107 tested 1,360 m.c.f. The well was

ed from 3173 to 3191; from 3193 to 3201 from 3201 to 3203, and from

3250 to 3253 before shooting with 64 quarts of nitroglycerine in

7 to 3253 the well produced 17 bbls oil with 1,020 m.c.f. Gas in 27 hr

or shooting resulting out to bottom the well produced 20 bbls oil flow

in a gas oil ratio of approximately 28,000. A well packer was set on

3251 and 100 gallons of cement packer was spotted above the packer to

have the gas-oil ratio. After setting the packer, the well produced 30

the oil in 27 hr. Flowing through 3/4" choke with gas-oil ratio of

the flowing out after spotting, a string of tools were lost in the hole

tools were sidetracked and later the hole approximately as follows:

Hole socket & jarhammer 3257

Drill stem & bit at 3212-3279.

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 dynamited, give date, position, 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 bailing.

At 2987' estimated at 6,000 m.c.f. was killed with water in order to stop drilling operations. Gas at 3107 tested 1,360 M.C.F. The well was sidetracked from 3173 to 3191; from 3193 to 3223, and from 3201 to 3203, and from 3250 to L.B. 3253 before shooting with 67 quarts of nitroglycerine in 27 hrs. The well produced 17 bbls oil with 1,020 M.C.F. Gas in 27 hrs. or shooting resulting out to bottom the well produced 20 bbls oil flow up a gas oil ratio of approximately 28,000 B.V. A well packer was set on 3214' and 100 gallons of cement packer were spotted above the packer to make the gas-oil ratio. After setting the packer, the well produced 30 bbls oil in 27 hrs. flowing through 3/4" choke with gas-oil ratio of 10 remaining out after shooting, a string of tools were lost in the hole. Tools were sidetracked and later in the hole approximately as follows:

Rope socket & jarhammer 3272'
Drill stem & bit at 3272'-3279'

[illegible][illegible][illegible][illegible]

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The well was estimated at \$6,000 m.d., was killed with water in order to

the drilling operations. Gas at 3107 tested 1,360 M.C.F. The well was

ed from 3173 to 3191; from 3193 to 3203, and from 3203, and from
to 3253 before shooting with 6 quarts of nitroglycerine fr
y to 3253 the well produced 17 pigs oil with 1,020 M.C.F. Gas in 27 hr
or shooting resulting out to bottom the well produced 20 pigs oil flow
in a gas oil ratio of approximately 28,000 A well packer was set on
1251 and 100 gallons of cement packer most spotted above the packer to
have the gas-oil ratio. After setting the packer, the well produced 30
of the oil in 27 hrs flowing through 3/4 choke with gas-oil ratio of
the remaining cut after shooting, a string of tools were lost in the hol
tools were sidetracked and later in two holes approximately as follows:
Rope socket & jarhammer 3277-3279.
Drill stem & bit at 3272-3279.

The summary on this page for the condition of the well as above stated

WELL NO. _____
LOCALITY WELL OCCUPIED BY _____
HSE, P.I. (7) VPH-Dated _____

LOG OF OIL OR GAS WELL

HOBBS, MISSOURI

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. GEOLOGICAL SURVEY

[illegible]

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The well was estimated at 6,000 m.c.f. was killed with water in order to no drilling operations. Gas at 3107 tested 1,360 M.C.F. The well was sidetracked from 3173 to 3191; from 3193 to 3203, and from 3203 to 3253 before shooting with 6 quarts of nitroglycerine. From 3253 to 3253 the well produced 17 bbls oil with 1,020 M.C.F. Gas in 27 hr. of shooting resulting out to bottom the well produced 20 bbls oil flow with a gas oil ratio of approximately 28,000 bbls A well packer was set on 3251 and 100 gallons of cement packer were spotted above the packer. The gas-oil ratio. After setting the packer, the well produced 30 bbls oil in 27 hrs. flowing through 3/4 choke with gas-oil ratio of 10. The remaining out after shooting, a string of tools were lost in the hole. Tools were sidetracked and later the hole approximately as follows:

Rope socket & jacking bands or cones
Drill stem & bit at 3217-3279.

The summary of the condition of the well at above date

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR

LOG OF OIL OR GAS WELL

HOBBS, TEXAS

APPROVED FOR PUBLICATION BY
H.S.G., Jr. (7) V.H.H.-Lites

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