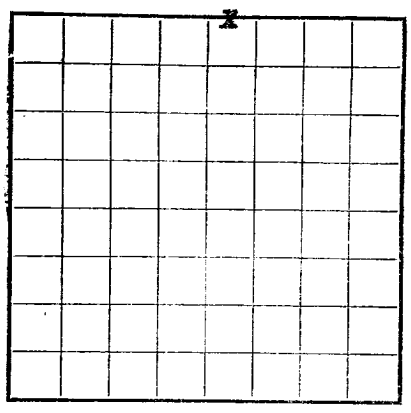
N. M. O. C. C. COPY

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE LAS CRUCES
SERIAL NUMBER NM 025777
LEASE OR PERMIT TO PROSPECT



1 cy to S.F.

RECEIVED
MAY 8 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAY 10 1961
D. C. D.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company KEOHANE SAUNDERS WELCH & IVERSON Address ROSWELL, NEW MEXICO

Lessor or Tract FEDERAL KEOHANE Field UNDESIG. State NEW MEXICO

Well No. 1 Sec. 24 T. 18S R. 31E Meridian N.M.P.M. County EDDY

Location 330 ft. {N.} of 2260 Line and E ft. {E.} of Sec. 24 Line of 3720 Elevation
{S.} {W.} (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 5/5/61 Signed [signature] Title AGENT

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

Commenced drilling 3/12/61, 19 Finished drilling 4/24/61, 19

OIL OR GAS SANDS OR ZONES

No. 1, from 3811 to 3817 (Denote gas by G) 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 From—	Perforated To—	Purpose
8-5/8				897	REG.				SURFACE
7				4232	REG.				OIL STRING PRODUCTION

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	897	50			
7	4232	100			

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 4232 feet, and from feet to feet

DATES

, 19 Put to producing MAY 3, 19 61

The production for the first 24 hours was 120 barrels of fluid of which 100 % 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

DONNELLY DRILLING CO. Driller DRILLER PLUMMER, HARRIS & HILLS, Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			[illegible]

[illegible] AT THE END OF COMPLETE DRILLING [illegible] LOG [illegible] FROM EL OR SAMPLES.

FROM—	TO—	TOTAL FEET	FORMATION
			[illegible]

(OVER)

16—48094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
		465	Red Beds
		475	Red Sand
		840	Shale & Sand
		880	Anhy.
		885	Red Shale & Salt
		897	Anhy.
		1023	Lime
		1080	Anhy. & Shale
		1100	Red Shale & Salt
		1120	Anhy.
		1280	Anhy. Red Shale & Salt
		2160	Salt
		2670	Anhy and shale
		2850	Anhy. and lime
		3525	Lime
		3580	Lime and sand
		3750	Lime
		3758	Sandy Shale
		3773	Sand
		3810	Lime
		3818	Sand
		3824	Sand and Lime
		3865	Sand
		3940	Sand and Lime & Anhy
		4070	Lime
		4095	Sand
		4209	Lime
		4232	Lime and Sand T. D.

RECEIVED
MAY 10 1961
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company ..... Address ..... State .....
Lessor or Farm ..... Field ..... County .....
Well No. ..... Sec. ..... T. ..... R. ..... Meridian
Location ..... feet ..... of ..... Line and ..... feet ..... of ..... Line of ..... Elevation .....

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 .....
Date .....

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

Commenced drilling ..... 19..... Finished drilling ..... 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from	to	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	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose

TUBING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose

SHOOTING RECORD

Size	Shot from	To	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....
Adapters—Material ..... Size .....

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

DATES

Put to producing ..... 19.....
The production for 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

..... Driller ..... Driller
..... Driller ..... Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.

CASING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose

WADDING AND CEMENTING RECORD

Size	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	Shot from	To	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 ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

Put to producing ..... 19.....
The production for 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

..... Driller ..... Driller
..... Driller ..... Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

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CASING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose

TUBING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose

SHOOTING RECORD

Size	Shot from	To	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....
Adapters—Material ..... Size .....

RECORD OF DRILL STEM AND SPECIAL TESTS

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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

DATES

Put to producing ..... 19.....
The production for 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

..... Driller ..... Driller
..... Driller ..... Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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CASING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose

TUBING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	To	Purpose

SHOOTING RECORD

Size	Shot from	To	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....
Adapters—Material ..... Size .....

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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

DATES

Put to producing ..... 19.....
The production for 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

..... Driller ..... Driller
..... Driller ..... Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE