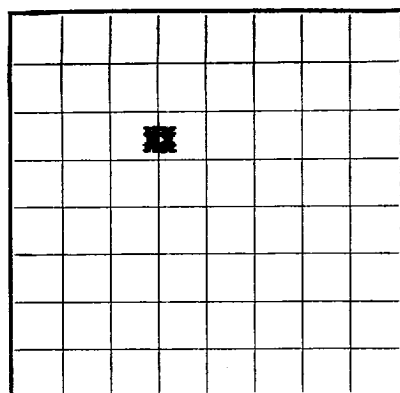


COPY TO O. C. C.

Get Bureau No. 42-R355.4.
Serial expires 12-31-60.U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **062300**
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

HOBBBS NOTED
NOV 7 1960
STANDLEYUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Tennessee Gas Transmission Co.** Address **P. O. Box 307, Hobbs, New Mexico**
Lessor or Tract **G. E. Jordan - USA** Field **Undesignated** State **New Mexico**
Well No. **2** Sec. **15** T. **25-S** R. **32-E** Meridian **NMPM** County **Lea**
Location **1980** ft. **N** of **N** Line and **1980** ft. **E** of **W** Line of **Sec. 15** Elevation **3443**
(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 *A. W. Lang* **A. W. Lang**Date **October 26, 1960** Title **District Production Supt.**

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

Commenced drilling **October 2**, 19 **60** Finished drilling **October 13**, 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1970** to **1982** No. 4, from _____ to _____
No. 2, from **1982** to _____ No. 5, from _____ to _____
No. 3, from **1982** 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 rd	smls	376	Larkin Guide				
4 1/2	9.5	8 rd	male	4811	Larkin Guide				
					Shoe & Float Collar		4674	4693	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	376	250	Pump & Plug	Fresh water	
4 1/2"	4811	150	"	10.3	

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 **0** feet to **4811** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ **October 26**, 19 **60** Put to producing **October 24**, 19 **60**

The production for the first 24 hours was **36** barrels of fluid of which **96**% was oil; **0**% emulsion; **4**% water; and **0**% 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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	9	9	KB to Ground level
9	785	776	Undifferentiated shale, sand & redbeds
785	1165	380	Anhydrite
1165	3075	1910	Salt
3075	4344	1269	Anhydrite and salt stringers
4344	4625	281	Anhydrite
4625	4650	25	Limestone
4650	4811	161	Sand and Shale

[OVER]

16-42094-4

ALLEN, RAYMOND

[illegible]

1. Drilled to 241' hole with rotary tools to 210' O.D. 25-35' casing and cemented with 250 sacks 50-50 cement, 25 gal. Chlorinated cement to surface. MCC 24 hrs. Testing casing at 900 psi. Held OK.

2. Drilled 7 1/8" hole from 216 to 4655'. 1.0 ft. from

3. Cored from 4655' to 4811' with 6 11/16 core head. 1.0 ft. from

4. Run bonds-down and cemented logs. 1.0 ft. from

5. Run 148 joints 4 1/2" O.D. 14-15' and 50 sacks regular latex cement. 1.0 ft. from

6. Top cement @ 4090'. (Temperature survey). MCC 20 hrs., pressure tested casing

7. Backfilled casing with Jet, 4738-4741'. 2.0 ft. from

8. Run casing with packer, cemented back off 2' water. 2.0 ft. from

9. Cased 7 gals. hydrantite. (Denote gas by G)

10. Reported at 4674-93 with 4 gals/foot.

11. Pumped well into flowing state. 1.0 ft. from

12. Potentially test, 10-34-60, flowed 30 barrels oil in 8 hours, 4 1/2 water.

13. Estimated on this basis is that the well will produce 100 bbls per day.

14. Estimated oil gravity 12.0 API.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]