

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM-01805
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company CABOT CARBON COMPANY Address Box 1101, Pampa, Texas
Lessor or Tract Humble-Federal "A" Field Undesignated State New Mexico
Well No. 1 Sec. 29 T. 26N R. 2W Meridian N.M.P. County Rio Arriba
Location 790 ft. [N.] of S Line and 790 ft. [E.] of W Line of Section 29 Elevation 7605
(Describe 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 OTB [Signature]

Date February 5, 1960 Title Oil & Gas Accountant

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

Commenced drilling January 18, 19 60 Finished drilling January 28, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3978 to 3997 (G) No. 4, from _____ to _____
 No. 2, from 4017 to 4030 (G) No. 5, from _____ to _____
 No. 3, from 4055 to 4060 (G) 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	12.4#	8rd	J-55	4294'	Halliburton	10-1/2" 100 mesh position, and 16 mesh of bottom of casing	4055	4060	Gas
4-1/2	9.5#	8rd	J-55	4108.96'	Halliburton	10-1/2" 100 mesh position, and 16 mesh of bottom of casing	4055	4060	Gas
							4057	4060	Gas
							3978	3997	Gas

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8	128'	128 Sacks	HOWCO		
4-1/2	4108-96'	175 Sacks	HOWCO		

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 410 feet, and from feet to feet.
Cable tools were used from Completion on foot 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, °Bé. -----

If gas well, cu. ft. per 24 hours 11,000,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ~~1000 PSIG~~

EMPLOYEES

D. H. Sorrow	Driller	R. J. Sorrow	Driller
R. Hepner	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
COMPLETED	1-31-60		Formation Tops - Electric Log 3638' Ojo Alamo 3802' Kirtland 3859' Fruitland 3972' Pictured Cliff
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)
FORMATION RECORD—Continued

18-48094-4

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[illegible]

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Date February 5, 1960 Title Oil Gas Accountant

No. 1, from 3478 to 3483 (5)
No. 2, from 4411 to 4430 (19)
No. 3, from 4452 to 4460 (8)
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From	To	Purpose
4-1/2 x 5.25	87.9	7-25	1-25	HISTORY OF OIL OR GAS WELL	4000	4000	4000	Gas	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. Joints or bridges were put in to seal off sealer, state kind of material used, position, and results of pumping or balling.

Size casing	Weight set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3 1/2"	180'	138 sacks	4 W.C.		
4 1/2"	100'	175 sacks	3 W.C.		

Adapters—Material		Size	
Heaving plug—Material		Length	
		Depth set	

[illegible]

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

The production for the first 24 hours was		Put to producing	
% emulsion; % water; and % sediment.		barrels of fluid of which % was oil;	
		Gravity, °Bé.	

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FROM -	TO -	TOTAL FEET	FORMATION
COMPLETED	1-31-60		FORMATION LOGS - Electric Log
			3938' 070' Above
			3905' 410' Above
			3858' 410' Above
			3815' 410' Above

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