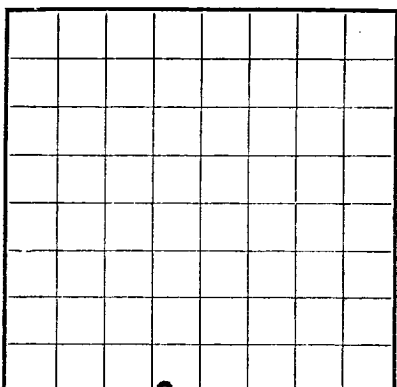




LOCATE WELL CORRECTLY

CONFIDENTIALU. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 079968
LEASE OR PERMIT TO PROSPECT WildcatUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**LOG OF OIL OR GAS WELL**Company Pubco Development, Inc. Address Box 844, Aztec, New Mexico
Lessor or Tract Russell-Federal Field Wildcat State New Mexico
Well No. 1 Sec. 4 T. 29N R. 14W Meridian N.M.P.M. County San Juan
Location 330 ft. [N.] of [S.] Line and 250 ft. [E.] of [W.] Line of SW 1/4 Sec. 4 Elevation 5446
(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 K. D. SharpTitle GeologistDate 2-26-54

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

Commenced drilling 12-20 1953 Finished drilling 1-27 1954**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 888 to 972 No. 4, from 972 to 1000
No. 2, from 3063 to 3105 No. 5, from 3105 to 3351
No. 3, from 3351 to 3364 No. 6, from 3364 to 3378**IMPORTANT WATER SANDS**No. 1, from 888 to 972 No. 3, from 972 to 1000
No. 2, from 3063 to 3105 No. 4, from 3105 to 3351**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	32.75	8 rd. Spang	258	Baker					
7	25.8	8 rd. Spang	250	Baker					
7	34.36	8 rd. Spang	75	Baker					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	258	250	Howco		
7	3436	75	Howco		

PLUGS AND ADAPTERSHeaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USEDRotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface to 5760 feet, and from _____ feet to _____ feet
perforate, swap & run 2" tubing**DATES**Put to producing 1st delivery 3-3, 1954

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2,416,000**EMPLOYEES**A. L. Riden _____, Driller
J. H. Cochran _____, Driller
G. W. Robinson _____, Driller
M. L. Pershall _____, Driller**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
Surface	888	888	Undifferentiated sands & shales
888	1033	145	Pictured Cliffs
1033	2408	1375	Lewis
2408	2493	85	Cliffhouse
2493	3330	837	Menefee
3330	3637	307	Point Lookout
3637	5378	1741	Mancos
5378	5480	102	Greenhorn
5480	5694	214	Dakota
5694	5760	66	Morrison

TD 5760

CONFIDENTIAL

LEASE OR PERMIT TO PROSPECT WITH OUT
SERIAL NUMBER
U. S. LAND OFFICE
DATE FEB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank 10x10 grid with a small circle at the bottom center.

Company - Russ Development, Inc.
Lessor or Tract Russell-Deberet
Well No. T. 29N R. 14W Meridian
Location ft. S. of Line and ft. W. of N.E. 1/4 Sec. 4
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 8-25-54

Title _____
Geologist _____
K. E. Larp

Elevation _____ ft. (Greatest Rock Reliance)
County San Juan
Field Wilcox
Address Box 611, Aztec, New Mexico State New Mexico

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

Confidential.

It is requested that this information be kept confidential.

OIL OR GAS SANDS OR ZONES

(Derecho de G)

No. 1 from
Per foot. Total perfs-60.
(Perforations 60)

Part 208318-3358 4000 11 cones & 2 pullets

NO. 3, from 3003 to 3107

2. Cement plug was installed 3-20-1968

5250-5760

CASING RECORD

Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and gined from	From To—	Perforated	Purpose
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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 the results. If there were any changes made in the casing, state fully, and if any casing was sidetracked, or left in the well, state 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 bulking.

HISTORY OF OIL OR GAS WELL

Slur casting	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
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FORM 9-67

PLUGS AND ADAPTERS

Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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TOOLS USED

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

DATE:

The production for the first 24 hours was _____	_____	_____	_____
_____ barrels of fluid of which _____ was oil; _____	_____	_____	_____
Put to producing _____	_____	_____	_____

emulsion; and	% segment	Gravity, °Be.
---------------	-----------	---------------

Rock pressure, lbs. per sq. in.	2,400.000
Gas well, cu. ft. per 24 hours	1,000 cu. ft. of gas

EMPLOYEES

Driller	_____	Driller	_____
Driller	_____	Driller	_____

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
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[illegible]

2072 11