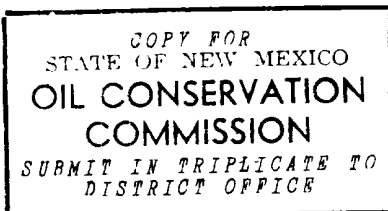


COPY TO O. C. G.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 07804
Unit _____

RECEIVED

DEC 15 1952

SUNDRY NOTICES AND REPORTS ON WELLS

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

NOTICE OF INTENTION TO DRILL.....	X	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 12, 1952

J. F. Hughes
Well No. Fed. 34-3 is located 990 ft. from N line and 990 ft. from E line of sec. 34
SW/4 Section 34 26 North, 7 West, N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6,282 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate muddling jobs, cementing points, and all other important proposed work)

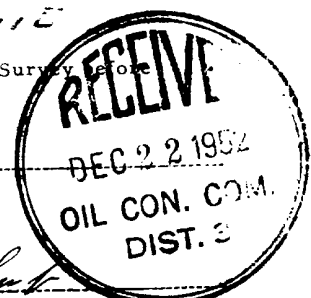
It is proposed to drill with rotary mud to the top of the Pictured Cliff formation estimated to be at a depth of 2,200 feet and thereafter to drill with cable tools through the Pictured Cliff formation or the top of the Lewis Shale. Final total depth estimated to be 2,350+. It is further proposed to shoot the Pictured Cliff formation with solid nitrogen. Tentative casing program is as follows:

10 3/4" surface casing 90-125', cement 200 sacks
5 1/2" casing 2,200' cement with 200 sacks
SW/4 sec. 34 is designated unit

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pubco Development, Inc.
Address P.O. Box 1360
Albuquerque, New Mexico

By Frank D. Gorham, Jr.
Title Vice President



A 10x10 grid with a small 'x' in the bottom-left cell.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 575047
LEASE OR PERMIT TO PROSPECT SVI
Sec. 34 designated as
drilling unit

UNITED STATES April
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pubco Development, Inc. Address Box 344 Aztec, New Mexico
Lessor or Tract Hughes Fed. Field Wildcat State New Mexico
Well No. 34-3 Sec. 34 T. 26N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of S. Line and 990 ft. E. of W. Line of Sec. 34 Elevation 6282
(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 Charles S. Vickers
Date 3 - 2 - 53 Title Geologist

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

Commenced drilling 1 - 7, 1953 Finished drilling 2-5, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2203 to 2269 Q 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. 2, from _____ to _____

No. 3, 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—	
10 3/4	32.75	8 rd	L.V.	156	Howco				
5 1/4	14	8 rd	L.V.	2208.7					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	156	135 Bl Toro Comm	Howco		
5 7/8	2208.7	100 bridget 10 "	"		
1"	2266				

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
	metal	SNG	153	2-6 ⁵³	2217-2269	2269

TOOLS USED

Rotary tools were used from Surface feet to 2255 feet, and from _____ feet to _____ feet.

Cable tools were used from 2255 feet to 2269 feet, and from _____ feet to _____ feet.

DATES

2 - 24, 1953. 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 255,000 ^{3 hr. test} Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 765

EMPLOYEES

T. L. Garner, Driller C. D. Hill, Driller

..... B. E. Patton, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1672	1672	Tertiary sands and Shale
1672	2003	331	Kirtland
2003	2202	199	Fruitland
2202	2269	67	Pictured Cliffs
	TD 2269		

077-143 01 173-7562

1. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.
 2. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.
 3. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.
 4. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.
 5. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.
 6. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.
 7. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.
 8. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.
 9. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.
 10. The information given above is for the purpose of identifying the individual and is not to be used for any other purpose.

Signature: _____
Date: _____
The company on this page is the condition of the work on _____

REFUSE TO SIGN AND NO INFO
 0 0 0 0 0

1. DST 2209-2252 (5/3 x 1)
 2. open 1st. 30 min.; ASI; 0800 blow, near
 3. 12 min.; inc. 30 min.; 2nd blow, 3 min., gauged 14.4CF;
 4. rec. 301 CCM;
 5. 234; 01.957 in 15 min.; 14400.111

CONFIDENTIAL

127 coal, 44 subbituminous gray to gray; 23' as light gray to white, very fine to fine, 1 1/2' p, fair sandstone.

COPIES #1 2155-2175 Rec. 131 dr. Gray to black, card, single

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.

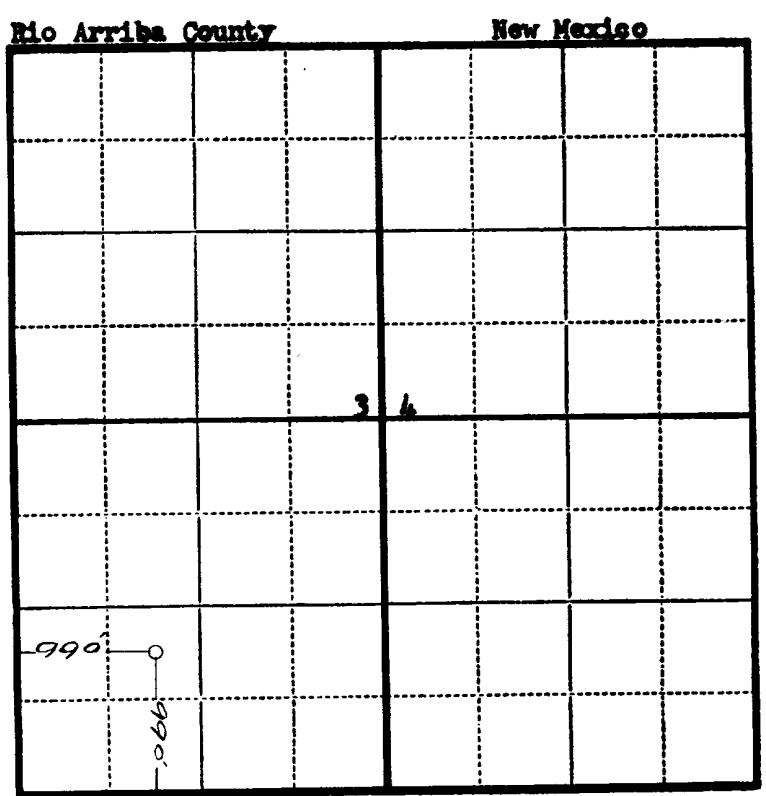
HISTORY OF OIL OR GAS WELL

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

[illegible]

10 7 15 15
1952
SUPERVISOR
EARTHQUAKE

Company..... **Pubco Development, Inc.**.....
Lease..... Well No.....
Sec. **34**....., T. **26 N.**....., R. **7 W.**, **N.M.P.M.**.....
Location..... **990' from the South line and 990' from the West line.**.....
Elevation..... **6276 Ungraded ground.**.....



Scale—4 inches equal 1 mile.

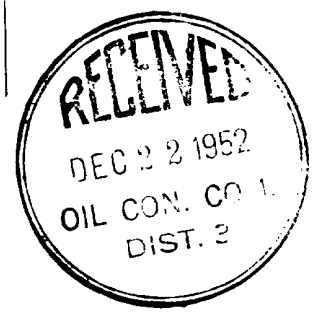
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Charles J. Finkles

Seal:

Registered Professional
Engineer and Land Surveyor.

Charles J. Finkles
N. Mex. Reg. No. 1302



Surveyed **December 9**....., 19**52**.....