

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hugoton, Kansas, February 11th, 1938

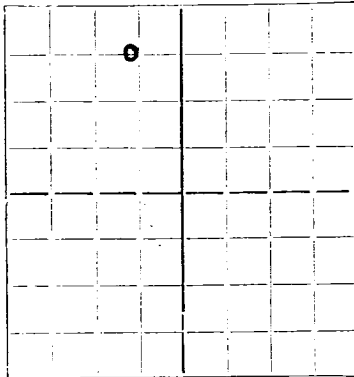
OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.
Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as R. G. Clay -

Neill #1-9 State

Well No. 1 in CNE-NV

Company or Operator 9 of Sec. 9, T. 19 N, R. 30 E, N. M. P. M., Buenaveros Lease Field Harding County.



AREA 640 ACRES
LOCATE WELL CORRECTLY

The well is 660 feet (X) (S.) of the North line and 1980 feet (E.) (X) of the East line of Section 9-19-30

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. 3-6657 Assignment No. _____

If patented land the owner is _____

Address _____

If government land the permittee is _____

Address _____

The lessee is Charlie Priolo

Address Amarillo, Texas.

We propose to drill well with drilling equipment as follows: Standard Tools

with National Drilling Machine

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: surety bond being forwarded by my agents

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
18"	15-1/2	75	SH	60' Approx	Landed	
15	12-1/2	50	SH	450'	"	
12	10	40	New	950'	"	Cemented

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 965 feet.

Additional information:

Should the above formation prove dry, we expect to carry well to lower zones, either the 1600 foot level or 2100 foot level, in which event above casing program will apply except 10" will not be cemented.

Approved April 20, 1938
except as follows:

Sincerely yours,

R. G. Clay
Company or Operator

By W. B. Smith

Position _____

Send communication regarding well to

Name _____

Address _____

OIL CONSERVATION COMMISSION,

By A. Andrews

Title Acting St. Geol.

Santa Fe, New Mexico

WELL RECORD

JUL 18 1938

AREA 640 ACRES
LOCATE WELL CORRECTLY

R. G. CLAY ~~XXXX~~

Hugoton, Kansas

Company or Operator

Address

State Lands Well No. 1 - 9 in ONE-NW of Sec. 9, T. 19N
Lease is

Lease

R. 30E, N. M. P. M., Beuyeros Field, Harding County.

Well is 660 feet south of the North line and 3220 feet west of the East line of Section 9 -19N-30E.

If State land the oil and gas lease is No. C- 47 Assignment No. _____

If patented land the owner is _____, Address _____

If Government land the permittee is....., Address

The Lessee is Charlie Priolo, Address Amarillo, Texas

Drilling commenced 4-21-38 19 Drilling was completed 5-10-38 19

Name of drilling contractor R. G. Clay, Address Hugoton, Kansas

Elevation above sea level at top of casing.....feet.

The information given is to be kept confidential until 19.....

No. 1, from 583 to 625 CO2 Gas No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	90	to	95	feet.	Small amount only.
No. 2, from	290	to	305	feet.	Estimated 5 Ebl per Hour
No. 3, from		to		feet.	
No. 4, from		to		feet.	

[illegible]

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18"	15 $\frac{1}{2}$ "	98	5	Dump	15 #	To Surface
15	12 $\frac{1}{2}$ "	580	26 plus 3 aquagel	Pump & Plug	15 #	To Surface

PLUGS AND ADAPTERS

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

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment.....

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 Surface..... feet to 625 feet, and from..... feet to..... feet

PRODUCTION

Put to producing 5-10-38, 19.....
 The production of 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 783,000 CO2 Gallons gasoline per 1,000 cu. ft. of gas.....
 Rock pressure, lbs. per sq. in. 39 #

EMPLOYEES

H. O. Coe....., Driller..... L. W. Nixon....., Driller.....
 , Driller....., Driller.....

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 22nd
 day of June, 1938

Notary Public.

My Commission expires.....

Hugoton, Kansas, June 22nd, 1938
 Place Date
 Name.....
 Position Owner of drilling tools
 Representing Owners
 Company or Operator
 Address.....

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Surface Clay & Sand
20	40	20	Gray Sand
40	50	10	Gray Lime
50	65	15	Red Sand
65	75	10	Red Rock
75	86	10	Gray Lime
85	87	2	Red Shale
87	90	3	Sandy Lime
90	98	8	Red Sand
98	150	52	Red Rock
150	155	5	Blue Shale
155	165	10	Red Shale
165	205	40	Red Rock
205	220	15	Red Sand
220	223	3	Red Shale
223	226	3	Red Sandy Lime
226	230	4	Red Shale
230	240	10	Red Sand
240	250	10	Gray Sand
250	255	5	Gray Shale
255	275	20	Red Rock
275	285	10	Red Sand
285	305	20	Gray Sand
305	310	5	Gray Lime
310	315	5	Gray Shale
315	320	5	Blue Sticky Shale
320	340	20	Blue Shale
340	350	10	Red Rock
350	355	5	Gray Shale
355	360	5	Lime
360	380	20	Blue Shale
380	390	10	Red Rock
390	393	3	Red Bed
393	405	12	Lime - Hard
405	408	3	Sticky Shale
408	415	7	Lime - Hard
415	435	20	Red Rock
435	440	5	Gray Sand
440	460	20	Blue Shale
460	475	15	Gray Sand
475	478	3	Blue Shale
478	485	7	Gray Lime - Hard
485	495	10	Red Rock
495	515	20	Red Shale
515	530	15	Red Rock
530	535	5	Gray Shale
535	555	20	Sharp Sand
555	565	10	Gray Sand
565	580	15	Red Bed
580	625	45	Gray & White Sand

SCOUT REPORT NEW MEXICO OIL CONSERVATION COMMISSION

C. B. Gray - well

Company Kuhn Brothers, Hugobon, Kansas

Farm Name State

Well No. 1

Land Classification State

Sec $NE\frac{1}{4}NE\frac{1}{4}$ 9 Twp. 19 Range 30 County Hardi

Feet from Lines: 330 N. S. 330 E.

Elevation

Method Cable

Contractor Kuhn Brothers

Scout Batson

Spudded

Completed

Initial Production

Bond Status O. K.

ACID RECORD

CASING AND CEMENTING RECORD

Size	Feet	Inches	Say Cement
12 1/2	20		
12 1/2	175		

Gals.

Prod.

Date

Prod.

Date

Top Pay

Total Depth

626

SHOOTING RECORD

No. of Quarts

Shot at

Feet

No. of Quarts

Shot at

Feet

Date

Date

May 9 1938

On May 4th we drilled into gas sand at 590-605, before getting to the top of the pipe + hit a bit of gas at 605-610 + this production was encountered at considerably higher level than anticipated + we have 12 1/2" casing set at 76 ft with water that developed through the 12 1/2" casing + we are trying to shut off this water from outside by using heavy mud and cement + if we can shut off this water we would like to have a permit to complete the well in 12 1/2" hole, not cementing the casing at bottom but cementing off surface water at 610 hole + if we are unable to shut off water at 610 hole + 12 1/2" casing, we would like to have a permit to complete in 6 1/4" hole, cementing a pipe on bottom of 6 1/4" or 6 1/2" string, to shut off all water above + we are unable to bridge back enough to protect the pay and cement by pump and plug + either one or method or combination we ask for a permit to protect the sands and have production in gas shell + the work will be done in practical manner +

Thanking you and are
C. B. Gray
Kuhn Bros Drill R

New Mexico
Institute of Mining and Technology
STATE BUREAU OF MINES AND MINERAL RESOURCES
Socorro, New Mexico

CASING RECORD
Diam. in/Bottom
15-1/2 98
12-1/2 580

ELEVATION:
IP: (CO₂) 783,000

COUNTY: Harding
FIELD: Bueyeros
COMPANY: R.G. Clay
LEASE: State Lands "9" #1
LOCATION: 660 from N Line
1980 from W Line
SEC: 9 T. 19N R. 30E
COMMENCED: 4-21-38
COMPLETED: 5-10-38

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Surface clay and sand	20	Gray lime - hard	485
Gray sand	40	Red rock	495
Gray lime	50	Red shale	515
Red sand	65	Red rock	530
Red rock	75	Gray shale	535
Gray lime	86	Sharp sand	555
Red shale	87	Gray sand	565
Sandy lime	90	Red bed	580
Red sand	98	Gray and white sand	625
Red rock	150		
Blue shale	155	WATER SANDS:	
Red shale	165	No. 1 from 90 to 95 feet.	
Red rock	205	Small amount only.	
Red sand	220	No. 0 from 290 to 305 feet.	
Red shale	223	Estimated 5 bbl. per hr.	
Red sandy lime	226		
Red shale	230		
Red sand	240		
Gray sand	250		
Gray shale	255		
Red rock	275		
Red sand	285		
Gray sand	305		
Gray lime	310		
Gray shale	315		
Blue sticky shale	320		
Blue shale	340		
Red rock	350		
Gray shale	355		
Lime	360		
Blue shale	380		
Red rock	390		
Red bed	393		
Lime-hard	405		
Sticky shale	408		
Lime-hard	415		
Red rock	435		
Gray sand	440		
Blue shale	460		
Gray sand	475		
Blue shale	478		

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State ☐	Fee ☐
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER-	7. Unit Agreement Name
2. Name of Operator <i>Clay-Neill</i>	8. Farm or Lease Name <i>Clay Neill State</i>
3. Address of Operator	9. Well No. <i>1</i>
4. Location of Well UNIT LETTER <i>C</i> <i>660</i> FEET FROM THE <i>North</i> LINE AND <i>1480</i> FEET FROM THE <i>West</i> LINE, SECTION <i>9</i> TOWNSHIP <i>19N</i> RANGE <i>30E</i> NMPM.	10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.)	12. County <i>Harding</i>

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

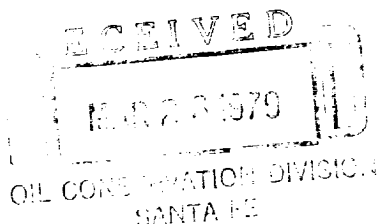
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On March 19, 1979, Panhandle Pluggers, Inc. Box 742 Pampa, Texas 79065, moved in equipment to plug and abandon the Clay-Neill State - Well # 1. The procedure was as follows: Pumped 60 sacks of cement from 625' back to 503', filled hole with 9.5 mud to 125', then pumped 20 sacks of cement from 125' to 66' then filled hole with 9.5 mud to 50' and pumped 10 sacks of cement for top plug and placed 4" marker in top of well and cleaned up location. Completion date - Mar. 19, 1979.



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *Buddy Lomberson* TITLE President DATE 3-19-79

APPROVED BY *Carl Ullvog* TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/24/79

CONDITIONS OF APPROVAL, IF ANY: