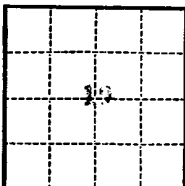


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Allottee 14-20-603-2071
Lease No. _____



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	RECEIVED APR 22 1964 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.
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 REDRILL 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	<input checked="" type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

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

CONFIDENTIAL

April 21

64

Chaco Wash Navajo

Well No. 1 is located 660 ft. from N line and 572 ft. from E line

NE/4 Sec. 19

T27N

R16W

104PM

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Wildcat

San Juan County

New Mexico CON. COM.

(Field)

(County or Subdivision)

(State or Territory)

DIST. 3

The elevation of the derrick floor above sea level is 5204 ft.

DETAILS OF WORK

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

Drilled sand & shale to 4601'. Ran RES log. Hit water flow at 4700' - raised mud weight. Drilled sand, shale, lime, chert to 10,310'. Ran DST #1 10,166' - 10,310'. ISI 20 min., open 60 min. Recovered 2500' water cushion, 1050' drilling mud. IHP 5736 psi, ISI 2990 psi, IF 1339 psi, FF 1385 psi, FSI 2532 psi, FHP 5736 psi. Drilled lime, shale & sand to TD 10,624'. Ran Gamma Ray, Sonic, RES & velocity logs. Ran DST #2 10,505' - 10,624'. ISI 45 min., open 60 min. FSI 45 minutes. Recovered 2500' water cushion & 450' slightly gas cut drilling mud. IHP 5486 psi, ISI 5009 psi, IF 1143 psi, FF 1143 psi, FF 4419 psi, FHP 5686 psi. Commercial production was not encountered. We propose to plug the well as follows:

(Over)

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

Company Continental Oil Company

Address P. O. Box 3312

Durango, Colorado

By

Title Assistant District Manager



The location will be cleaned and a city hole marker erected in accordance with state regulations. Verbal approval to plug and abandon the well was obtained from the U.S.G.S. 4-18-64.

10 sack plug at surface.

60 sacks across surface pipe shoe @ 307'.

180 sacks @ 10,600'
60 sacks @ 9,525'
60 sacks @ 9,020'
60 sacks @ 8,700'
60 sacks @ 8,180'
180 sacks @ 6,700'
60 sacks @ 3,350'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> P & A	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2071
2. NAME OF OPERATOR Continental Oil Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 3312, Durango, Colorado	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL, 572' FWL - NE/4	8. FARM OR LEASE NAME Chase Wash
14. PERMIT NO.	9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5190' GR 5204' RB*	10. FIELD AND POOL, OR WILDCAT Wildcat
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T27N, R16W
	12. COUNTY OR PARISH San Juan
	13. STATE N. M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☒

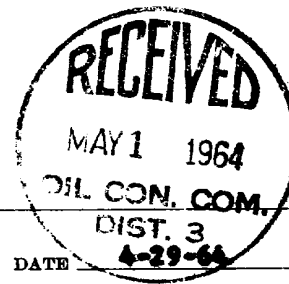
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was drilled to a TD of 10,624'. 13 3/8" surface casing was set at 307' and cemented to surface. Commercial production was not encountered and the well was plugged and abandoned as follows:

180 sacks at 10,600'
60 sacks at 9,545'
60 sacks at 9,020'
60 sacks at 7,700'
60 sacks at 7,180'
180 sacks at 4,700'
60 sacks at 3,650'
60 sacks across surface pipe shoe at 307'
10 sack plug at surface

A dry hole monument was erected in accordance with prescribed regulations and the location cleaned preparatory to final inspection.



18. I hereby certify that the foregoing is true and correct

ORIGINAL SIGNED BY:

SIGNED Wm. A. Butterfield

TITLE District Office Manager

DATE 4-29-64

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

USGS(3) NMDCS(2) BRS JRM HDH

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 3312, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

660' FNL, 572' FEL - NE/4

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

873'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

10,100'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5190' GR

22. APPROX. DATE WORK WILL START*

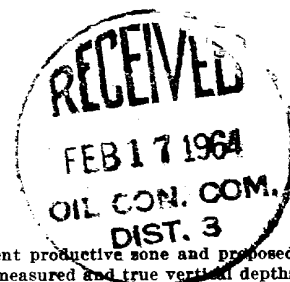
3/1/64

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	300'	230 sacks
9"	5-1/2"	17#	10,100'	300 sacks

We propose to drill this well with rotary tools to an estimated depth of 10,100' to test the Pennsylvanian and Mississippian formations. Approximately 300' of 13-3/8" surface casing will be run and cemented to surface. If commercial production is encountered, a string of production casing will be run and cemented and the well completed.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Orig. Signed By: H.D. MaleyTITLE District ManagerDATE 2/13/64

(This space for Federal or State office use)

PERMIT NO. 81

APPROVAL DATE _____

APPROVED BY 24

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

USGS(4) NMOCC(2) CEF GHG HDH

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128
 Revised 5/1/57

SECTION A

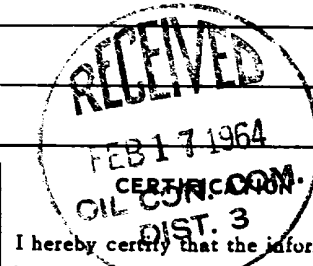
Operator Continental Oil Company		Lease Chaco Wash Navajo		Well No. 1
Unit Letter A	Section 19	Township 27N	Range 16W	County San Juan
Actual Footage Location of Well: 660 feet from the North line and 572 feet from the East line				
Ground Level Elev. 5190'	Producing Formation Wildcat	Pool Undesignated	Dedicated Acreage: 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ____ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ____ NO ____ . If answer is "yes," Type of Consolidation ____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B

		660' ↓ 572'
		Section 19 T 27 N R 16 W San Juan County, N. Mex.



I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief. Original Signed By:
H. D. HALEY

Name H. D. Haley
Position District Manager
Company Continental Oil Company
Date February 13, 1964

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed Jan. 10, 1964
Registered Professional Engineer and/or Land Surveyor <i>Frederick H. Reed</i>
Certificate No. N. Mex. 3795

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.

	19	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Navajo

Allottee _____

Lease No. 14-20-603-2071

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO REDRILL 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	Surface Casing	X

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

March 9, 1964

Well No. Chaco Wash Navajo 1 is located 660 ft. from [N] line and 572 ft. from [E] line of sec. 19

N27E Sec. 19 T27N R16W N27E

Wildcat San Juan County New Mexico

The elevation of the derrick floor above sea level is 5204 ft.

DETAILS OF WORK

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

Spudded 3-3-64. Drilled 17 1/2" hole to 127'. Drilled 12 1/2" hole to 312'; opened hole to 17 1/2" to 307'. Ran 10 joints 13 3/8" casing, set at 307' RB. Cemented with 250 sacks regular with returns to surface. Returns around surface pipe settled to 60". Washed out with water to 60". Recemented from 60' to surface. Drilling ahead in sand and shale at 3844' 3-9-64.



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

Company Continental Oil Company

Address P. O. Box 3312

Durango, Colorado

By H E Ellis

Title District Manager