

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File _____
Entered On S R Sheet _____
Location Map Pinned On file _____
Card Indexed _____
IWR for State or Fee Land _____

Checked by Chief _____
Copy NID to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 11-30-48 Location Inspected _____
OW _____ WW _____ TA _____ Bond released _____
GW OS _____ PA 6-2-66 State of Fee Land _____

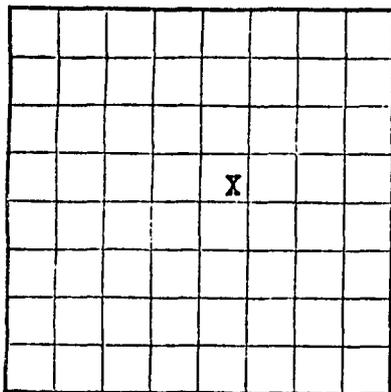
LOGS FILED

Driller's Log _____
Electric Logs (No.) 1 _____
E _____ I _____ E-I _____ GR _____ GR-N Micro _____
Lat _____ Mi-L _____ Sonic _____ Others _____

VLC
9-3-91

SINCLAIR OIL & GAS COMPANY Become Successor
Designated Operator Effective November 26,
1963. Formerly Western Nat. Gas Company.

Navajo Indian Agency
U. S. LAND OFFICE Window Rock, Ariz.
SERIAL NUMBER I-149-Ind. 7601
LEASE OR PERMIT TO PROSPECT Navajo



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Western Natural Gas Company Address Midland, Texas
Lessor or Tract Navajo Field Wildcat State Utah
Well No. 1 Sec. 25 T. 43S R. 22E Meridian S.L.P.M. County San Juan
Location 2310 ft. S. of N Line and 2210 ft. W. of E Line of 25-43S-22E Elevation _____
(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 Scott R. Brown

Date February 28, 1949 Title Petroleum Engineer

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

Commenced drilling 6/28, 1949 Finished drilling 11/30, 1949

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from 4370 to 4436 No. 4, from _____ to _____
No. 2, from 4985 to 5065 No. 5, from _____ to _____
No. 3, from _____ to _____ 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-	
13 3/8	32#	8 Round	Naylor	270	Texas				
7	23#	8 Round	National	4365					
2 1/2	6.50	8 Round		4445					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	274	225	Halliburton		
7	4365	300	Halliburton		
5 o.d.	4365-5171	100	Halliburton	"Liner"	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____

MARK

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 5306 feet, and from feet to feet

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

DATES

February 28 , 1949 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 9,000 MCF Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1140#

EMPLOYEES

J.W. McClinton , Driller A.P. Cooper , Driller

..... , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	400		Red and white fine grain sandstone.
400	600		Red shale and sands w/lime stringers.
600	1070		Red shale with lime stringers.
1070	1200		Medium grain consolidated sand and red shale.
1200	1370		Red shale with sand stringers.
1370	1540		White medium grain sandstone with red shale partings.
1540	1700		Red fine grain sandstone.
1700	2200		Red and green shale with red sand stringers.
2200	2700		Red shale with lime and sand stringers.
2700	2900		Gray sandy limestone with red shale breaks.
2900	3500		Red and green shale and red fine grain sandstone.
3500	3800		Red and green shales with limestone and sand stringers.
3800	4200		Gray sandy limestone with red and green shales.
4200	4340		Blue-gray limestone with considerable chert.
4340	4380		Black shale.
4380	4450		Gray sandy limestone, traces of porosity.
4450	4650		Gray to black fossilif. limestone.
4650	4750		Gray limestone with black shale partings.
4750	4950		Gray to black limestone, slight traces of porosity
4950	5120		Gray, black limestone.
5120	5180		Gray limestone and green shale.
5180	5280		Red and green varigated shales.
5280	5306 TD		Very medium xtlyn coarse dolomite.

HISTORY OF OIL OR GAS WELL

16-43094-1

U. S. GOVERNMENT PRINTING OFFICE

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.

Well was drilled to T.D. 4450' and section from 4365-4450 acidized with 11,000 gallons. Well made 9,000 MCF sour gas tested by back-pressure method.

Well was deepened to T.D. 5306' and drill stem test run from 5374' to 5306'.

Tool was open one and one-half hours, and recovered 180' of gas cut mud, 540' of gas cut salt water with a fair blow of air during test.

Plugged back to 5134' with 35 sx cement, then ran Lane-Wells electric log. Went in with tubing and cleaned out to 5171' and ran 806' of 5" O.D. liner to bottom with Brown oil Tool, setting tool and cemented with 100 sx cement. Ran 4 1/2" bit on tubing to drill cement.

The following is a record of perforations and acid treatments in the 5" O.D. liner:

10/21/48 5075-95 W/78 shots. Treated w/1000 gals. Would not take fluid.

10/21/48 4985-5065 W/260 shots. Treated w/1000gals.

Retreated w/4500 gals. Made 5,500 MCF. Low B.T.U.

10/27/48 4785-4895 W/360 shots. Treated w/1000 gals. Small amount gas.

Retreated w/6000 gals. Small amount gas.

11/6/48 Set Halliburton drillable cement retainer at 4500' and squeezed with 75 sx. Drilled cement and retainer.

Reperforated 5" liner from 4725' to 4370' with 516 shots. Went in hole with packer at 4480', swabbed down and acidized with 1000 gallons. Re-acidized with 6000 gallons and started swabbing. Salt water came up to 3800' and were unable to lower it by swabbing. Put Otis choke in to lower salt water. Pulled choke and ran swab ten times and well kicked off, flowing gas and salt water. Flowed for one hour and died.

11/16/48 Set drillable retainer at 4506' and squeezed w/93 sacks cement. Drilled cement out to 4480'. Perforated 5" O.D. liner from 4436' to 4420' w/24 cone shots, 4401' to 4370' w/72 cone shots and acidized w/7000 gallons. Ran 2 1/2" tubing and swabbed well in. Completed well for 9,000 MCF. Gas tested by back-pressure method.

FOCVLE MERT COMBECIFA

Grid table with 10 columns and 10 rows, mostly empty.

FOCVLE MERT COMBECIFA

GENERAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

DEPARTMENT OF THE INTERIOR

GENERAL SURVEY

DEPARTMENT OF THE INTERIOR

GENERAL SURVEY

awh

Form 23-58(1-58)

OIL CONSERVATION COMMISSION

BOX 627

120 EAST CHACO

- AZTEC, NEW MEXICO
Salt Lake City, Utah

NOTICE OF GAS CONNECTION

DATE May 23, 1960

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF GAS FROM

THE Western Natural Gas Company
OPERATOR

Navajo #1 LEASE "G" WELL UNIT 25-43-22 S-T-R

Undesignated Paradox POOL El Paso Natural Gas Company NAME OF PURCHASER

WAS MADE ON May 7, 1960 DATE , FIRST DELIVERY May 17, 1960 DATE

9,000 MCF Est.
INITIAL POTENTIAL

El Paso Natural Gas Company
PURCHASER

A. M. Rowland
REPRESENTATIVE

Chief Dispatcher
TITLE

CC: TO OPERATOR Midland & Farmington
~~OIL CONSERVATION COMMISSION - SANTA FE~~
F. N. WOODRUFF - EL PASO
B. D. ADAMS

FILE

August 22, 1963

Western Natural Gas Company
P. O. 1508
Houston, Texas

Re: Well No. Boundary Butte #1
Sec. 25, T. 43 S, R. 22 E.,
San Juan County, Utah

Well No. Boundary Butte #3
Sec. 24, T. 43 S, R. 22 E.,
San Juan County, Utah

Gentlemen:

In re-checking our records we find that your "Lessee's Monthly Report of Operations", Form 9-329A, for the Boundary Butte Field indicates that you have the No. 1 Well located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 25 and the No. 3 Well located the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 24, whereas our records show that the No. 1 Well is located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 25 and the No. 3 Well is in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 24.

Would you please clarify the above mentioned information for us. Thank you for your consideration in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

CMP:kgv

Western Natural Gas Company

P. O. BOX 1508

Houston 1, Texas

August 30, 1963

The State of Utah
Oil and Gas Conservation Commission
210 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Attn: Clarella N. Peck

Gentlemen:

This is in regard to your letter of August 22, 1963 regarding the location of wells on our "Lessee's Monthly Report of Operations " for Boundary Butte Field.

This is to advise that we have checked our records and are in agreement with your well locations.

This discrepancy has been properly noted and our future reports will indicate the proper designation. We regret any inconvenience you may have incurred over this matter.

Very truly yours,

WESTERN NATURAL GAS COMPANY



J.J. Neiser
Section Head - Production Accounting

JJN:awl

12-

610
Land
file

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: **Window Rock, Arizona**
SERIAL NO.: **L-149-Ind.-7601**

and hereby designates

NAME: **Sinclair Oil & Gas Company**
ADDRESS: **601 Denver Club Bldg., Denver, Colo.**

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Navajo WX #1 *500 200 45*

Located: Sec. 25, T-43-S, R-22-E, S1EM, San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

Formerly: Western Natural Gas Company Lease

Effective November 26, 1963.

Paul Woodruff
.....
(Signature of lessee)

Western Natural Gas Company
823 Midland Tower
Midland, Texas
.....
(Address)

November 26, 1963
.....
(Date)

December 9, 1963

Western Natural Gas Company
823 Midland Tower
Midland, Texas

Gentlemen:

We are in receipt of the Designation of Operator designating Sinclair Oil & Gas Company as operator of ten wells drilled by you in San Juan County, Utah. However, upon checking our records on four of these wells we find that we do not have much information. We would appreciate it very much if you could forward copies of the "Log of Oil or Gas Well", or any history you might have on these wells, along with any copies of electric and/or radioactivity logs, if run. The wells are as follows:

Well No. English #1, SW NE NW of
Section 22, T. 43 S, R. 22 E., SLEM.

Well No. English #2, SE NW of Section 22,
T. 43 S, R. 22 E., SLEM.

Well No. English #4, SW NW of Section 22,
T. 43 S, R. 22 E., SLEM.

Well No. Navajo #1, SW SW NE of Section 25,
T. 43 S, R. 22 E., SLEM.

Thank you for your consideration in helping us obtain information on the above wells.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

h.



SINCLAIR OIL & GAS COMPANY

601 DENVER CLUB BUILDING

DENVER 2, COLORADO

- 80202 -

DENVER DIVISION

January 9, 1964

Miss Clarella N. Peck
Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Miss Peck:

Your letter of December 9, 1963, which was directed to Western Natural Gas Company, 823 Midland Tower, Midland, Texas, has been forwarded to us for reply.

The acquisition date of Western Natural Gas Company properties by Sinclair Oil & Gas Company was November 26, 1963, and you have been furnished Designation of Operator Forms.

As requested in your letter, we are enclosing Logs of Oil and Gas Wells for the English Wells No. 1, 2, 4, and Navajo Well No. 1. We are unable to furnish Logs for English No. 4 and Navajo No. 1 at this time. When these Logs are received from Western Natural Gas Company we will forward copies on to your office.

Further correspondence regarding these properties should be forwarded to the above address, attention Mr. W. A. Walther, Jr., Division Production Superintendent.

Very truly yours,

M. E. Brown
Division Chief Clerk

NEB:CL:ajs

Encl.

cc: File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved
Budget Bureau No. 22 R142

5. LEASE DESIGNATION AND SERIAL NO.

I-110-Ind. 742

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Burajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Burajo NH

9. WELL NO.

10. FIELD AND POOL, OR UNIT NAME

Burajo Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 25-135-22E

12. COUNTY OR PARISH

San Juan

Utah

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. WELL TYPE: OIL WELL GAS WELL OTHER **Deployed Gas Well**

2. NAME OF OPERATOR

Minerals Oil & Gas Company

3. ADDRESS OF OPERATOR

501 Lincoln Street High., 1800 Lincoln St., Denver, Colo.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface:

2310' 1/2 North line and 2210' 1/2 East line Sec. 25-135-22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DE, RT, GR, etc.)

1000.11 G.L.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHEATH

PULL OR MUD LOGGING

WATER SHEATH

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOT OR ACIDIZING

ABANDONING*

REPAIR WELL

CHANGE PLANS

OTHER

(Other)

(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.)

Captioned well was drilled in 1944, gas deliveries were started in May 1949, last gas sales were in April 1963. The lease has expired, and it is proposed to plug and abandon the well as follows:

Spacers present in any party 1100-1170 and Desert Creek party 1106-1109', shoot and recover minimum amount of 7' casing, spot 100' cement plug 50' in top of casing and 50' above casing, spot 100' plugs across (50' below & 50' above) the following formation tops which are above shot off casing: Monson 1200', Coconino 1150', Chinle 110', set 10' cement plug in top of surface with registration marker, clean and level location.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE _____ by _____

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

SIGNED

TITLE **Production Manager**

DATE **4/13/66**

(This space is for the signature of the operator.)
W. A. McMillan, Sr.

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE DATE*
(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.)

5. LEASE DESIGNATION AND SERIAL NO.

I-149-Ind. 7601

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo WN

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Boundary Butte

11. SEC., T., R., NE, OR SEK. AND SURVEY OR AREA

Section 25-43S-22E

1. OIL WELL GAS WELL OTHER Depleted gas well.

2. NAME OF OPERATOR

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2310' f/North line and 2210' f/East line Sec. 25-43S-22E.

14. PERMIT NO.

Mr. P.T. McGrath, 4/14/66

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

5093.11 G.L.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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.)*

PBTD - 4480' -

5/20/66 - MI & RU Utah-Colorado Casing Pullers. Pulled tbg.

5/21/66 - Ran tubing, spotted 30 sacks cement 4436-4265'. Squeezed 10 sacks in Iemay perms 4370-4401' & Desert Creek perms 4420-36' at 400#. Pld tbg.

22 - SD a/c Sunday

23 - Welded on pulling nipple. Rigging up jacks.

24 - Worked 7" casing, shot at 1048', started pulling. Pulled pl jts.

25 - Ran 80g, spotted 30 sack plug across shot off casing @ 990-1098'.

26 - Finished pulling 7". Spotted 37 sack plug 360-460' across shale.

27 - Moved tools to Well #3

6/2/66 - Spotted 10 sack cement plug in surface and set regulation marker.

COMPLETED P & A 6/2/66

Location cleaned and leveled for inspection.

Casing left in hole: 5" - 4365-5171' (Liner)

7" - 1048-1365'

13-3/8" - 0' - 285'

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

SIGNED

M. E. Brown

TITLE Chief Office Clerk

DATE June 13, 1966

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

July 14, 1966

Sinclair Oil & Gas Company
501 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado

Re: Well No. Navajo #1
Sec. 25, T. 43 S., R. 22 E.,
Well No. Navajo #3
Sec. 24, T. 43 S., R. 22 E.,
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Subsequent Report of Abandonment and Plugging of the above mentioned wells is due and has not been filed with this commission as required by Rule D-2, General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

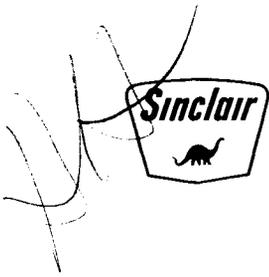
Thank you for your attention to this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN
RECORDS CLERK

ARR:cam



SINCLAIR OIL & GAS COMPANY
501 LINCOLN TOWER BUILDING
DENVER, COLORADO 80203

July 21, 1966

OFFICE OF VICE PRESIDENT

Mr. C. B. Feight
Oil & Gas Conservation Commission
State of Utah
348 East South Temple
Suite 301
Salt Lake City, Utah

Re: Well Navajo #1
Sec. 25-43S-22E
Well Navajo #3
Sec. 24-43S-22E
San Juan County, Utah

Gentlemen:

Please refer to your letter dated July 19, 1966, requesting Subsequent Report of Abandonment and Plugging of the captioned wells.

Attached are copies of reports which were forwarded from this office June 13, 1966, for these two wells. These original reports apparently went astray in the mail.

If any additional data are required, please advise.

Yours very truly,

SINCLAIR OIL & GAS COMPANY


G. R. Cooper

Attach.