

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

WILDCAT LIST
1970

Coalinga California

January 19, 1971

Mr. R. Bruce Gray
R. BRUCE GRAY
P. O. Box 2012
Bakersfield, California 93303

DEAR SIR:

Your report of abandonment of Well No. "Britton" 1 (019-20522),
Sec. 28, T. 12 S., R. 13 E., H. D. B. & M., _____ field,
Fresno County, dated Dec. 7, 1970, received Dec. 8, 1970,
has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division,
which are based on all information filed with it, have been fulfilled.

Bond No. 04-306-870318 dated 11-17-70

RAR:ef

cc: Company

Conservation Committee

F. E. KASLINE

State Oil and Gas Supervisor

By

C. H. Corwin

Deputy Supervisor

127

RECORDS RECEIVED

Date Received _____
Well Summary (Form 100) ✓
History (Form 103) ✓
Core Record (Form 101) _____
Elec. Log - Lge. ✓ Small _____
Direct Survey _____
Sidewall Samples _____
Other _____

Notice of Records Due
Form 170 _____

Date Final Records Received _____

ENGINEER'S CHECK LIST

1. Summary, History, &
Core Record (dupl.) ✓
2. Electric Log ✓
3. Operator's Name ✓
4. Signature ✓
5. Well Designation ✓
6. Location ✓
7. Elevation ✓
8. Notices ✓
9. "T" Reports ✓
10. Casing Record ✓
11. Plugs ✓
12. Surface Inspection ✓
13. Production dry hole

RECORDS NOT APPROVED

Reason: Surface Inspection Required

RECORDS APPROVED yes

RELEASE BOND

Date Eligible _____
(Use date last needed records were
received.)

MAP & MAP BOOK

WS-3
1-17-71

WS-3
1-23-71

STATUSDATE

Producing - Oil _____
Idle - Oil _____
Abandoned - Oil _____
Drilling - Idle _____
Abandoned - Dry Hole ✓ 12-2-70
Producing - Gas _____
Idle - Gas _____
Abandoned - Gas _____
Gas - Open to Oil Zone _____
Water Flood Source _____
Water Disposal _____
Water Flood _____
Steam Flood _____
Fire Flood _____
Air Injection _____
Gas Injection _____
CO₂ Injection _____
LPG Injection _____
Observation _____

RECOMPLETEDCLERICAL CHECK LIST

1. Location change (F-165) _____
2. Elevation change (F-165) _____
3. Form 121 ✓
4. Form 159 (Final Letter) _____
5. Form 150b (Release of Bond) _____

Records OK
1-19-71
RAR

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

SUBMIT IN DUPLICATE

Operator R. Bruce Grey Well No. "Lee L. Grey-Britton" #1
Sec. 28, T. 12S, R. 13E, M.D. B. & M. Firebaugh Field Fresno County.

Location 650' North and 2800' East from Southeast corner Section 28
(Give location from property or section corner, or street center lines)

Elevation of ground above sea level 182 feet

All depth measurements taken from top of Kelly Bushing which is 12 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

In compliance with Sec. 3215, of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 7, 1970

Signed Jack Clare

Jack Clare

(Engineer or Geologist)

Title Geologist

(Superintendent)

(President, Secretary or Agent)

Commenced drilling November 20, 1970

Completed drilling December 2, 1970

Total depth 7907' Plugged depth 1020-852'

Junk 814-640'

GEOLOGICAL MARKERS

DEPTH

Base Kreyenhagen Shale 4384'

Top Garzas Sand 5390'

Top Blewett Sand 7780'

Abandoned 12-2-70

Commenced producing (Date)

Flowing/gas lift/pumping
(Cross out unnecessary words)

Geologic age at total depth: Cretaceous

Name of producing zone

Initial production

Production after 30 days

Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure

CASING RECORD (Present Hole)

Size of Casing (A. P. L.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
<u>8 5/8"</u>	<u>764'</u>	<u>Surface</u>	<u>34#</u>	<u>New</u>	<u>Seamless</u>	<u>H-40</u>	<u>12 1/4"</u>	<u>305</u>	

PERFORATED CASING

(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

DIVISION OF OIL AND GAS
RECEIVED

DEC 8 1970

COALINGA, CALIFORNIA

Was the well directionally drilled? No Electrical Log Depths 7909-764'

Δ OSP

(Attach Copy of Log)

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR R. Bruce Grey FIELD Firebaugh
 Well No. "Lee L. Grey-Britton" #1, Sec. 28, T. 12S, R. 13E, M.D. B. & M.
 Date December 2, 19 70 Signed Jack Clare
P. O. Box 2012
Bakersfield, Calif. 325-5746 Title Geologist
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date	
<u>1970</u>	
11/17	Nordril, California Inc. Rig #13, moved in and rigged up.
11/19	
11/20	Spud 9 AM, drilled surface to 765' in 12 $\frac{1}{4}$ " hole.
11/21	Conditioned hole for casing, ran 19 jts. of 8 5/8", 34#, range 3, STC, H-40 csg. with shoe set at 764'. Cemented with 205 sxs Class "G" with 4% gel, followed by 100 sxs Class "G" with 3% CaCl ₂ . Good returns to surface. Wait on cement.
11/22	Drilled 7 7/8" hole from 765 - 2272'.
11/23	Drilled 7 7/8" hole to 2716'. Twisted off at 2716'. Top of fish 557'. Made up fishing tools and ran in and latched onto fish. Recovered fish. Drilled 7 7/8" hole to 3215'.
11/24	Drilled 7 7/8" hole to 4021'.
11/25	Drilled 7 7/8" hole to 5300'.
11/26	Drilled 7 7/8" hole to 6240'.
11/27	Drilled 7 7/8" hole to 6819'.
11/28	Drilled 7 7/8" hole to 7269'.
11/29	Drilled 7 7/8" hole to 7657'.
11/30	Drilled 7 7/8" hole to 7851'.
12/ 1	Drilled 7 7/8" hole to 7907', total depth. Conditioned hole for logs. Ran Welex IES log from 7907'. With drill pipe hung at 1020, Halliburton pumped in 50 sxs cement.
12/ 2	Found top of plug at 946'. Witnessed and approved by D.O.G. With drill pipe hung at 940' Halliburton pumped in 25 sxs cement, calculated to fill to 852'. With drill pipe hung at 814' Halliburton pumped in 50 sxs of cemented calculated to fill to 640'. Put in 25' plug at surface. Rig released 5 A.M.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 570-263

Mr. Jack Clare
for R. Bruce Gray
P. O. Box 2012
Bakersfield, California 93303

Coalinga, Calif.
December 3, 1970

DEAR SIR:

Operations at well No. "Britton" 1 (019-20522), Sec. 28, T. 12S., R. 13E., M. D. B & M.
Field, in Fresno County, were witnessed
on December 2, 1970. Mr. John Sullivan, representative of the supervisor was present
from 0005 to 0145. There were also present W. Hazelwood, Drilling Foreman
(Nordrill)

Present condition of well: 8-5/8" cem. 764'. T.D. 7907', plugged with cement 1020'-852'+
and 814'-640'+.

The operations were performed for the purpose of plugging the hole in the process of abandonment.

Mr. Hazelwood reported:

1. A 7-7/8" hole was drilled from 764' to 7907'.
2. On December 1, 1970, 50 sacks of cement was pumped into the hole through 4" drill pipe, hanging at 1020'.

THE INSPECTOR NOTED:

1. The cement plug at 946' supported all of the weight of the drill pipe.
2. An additional 25 sacks of cement was pumped into the hole through the drill pipe, hanging at 940', calculated to fill to 852'.
3. The pipe was pulled to 814' and 50 sacks of cement was pumped into the hole, calculated to fill the open hole and surface casing to 640'.

THE CEMENTING OPERATIONS ARE APPROVED.

JCS:fd
cc: Company

*Surface inspection on Dec 23, 1970 By BA Reid
Top of plug 2 1/2' below ground surface. Celler
filled with water. Top of casing probably
has a steel plate welded on.*

F. E. KASLINE
State Oil and Gas Supervisor

By

C. H. Corwin

Deputy

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P. 570-316

Mr. Jack Clare
R. Bruce Grey
P. O. Box 2012
Bakersfield, California 93303

Coalinga, Calif.
December 3, 1970

DEAR SIR:

Your proposal to abandon Well No. (019-20522) "Britton" 1,
Section 28, T. 12S., R. 13E., M.D. B. & M., --- Field, Fresno County,
dated Dec. 1, 1970, received Dec. 3, 1970 has been examined in conjunction with records filed in this office.

With reference to your proposal our decision is as follows:

DECISION: THE PROPOSAL IS APPROVED PROVIDED THAT THIS DIVISION SHALL BE NOTIFIED:

1. To witness the location and hardness of the cement plug at 920' or above.
2. The placing of the cement plugs from 814' to 714' and 31' to 6'.

Bond No. 04-306-870318 dated 11-17-70
JCS:fd
cc: Company

F. E. KASLINE, State Oil and Gas Supervisor

By

C. H. Corwin

Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

P570-316

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Bakersfield

Calif. December 1 1970

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. "Lee L. Grey-Brittian" #1 (019-20522), Sec. 28, T. 12S,R. 13E, M.D. B. & M., Firebaugh Field, Fresno County,commencing work on December 1 19 70.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 7907'
2. Complete casing record, including plugs:
8 5/8" csg. cemented @ 764'.

3. Last Produced Never produced
(Date) (Oil, B/D) (Water, B/D)

THE PROPOSED WORK IS

1. Hang drill pipe at 1020' and place cement plug 920-1020'.
2. Hang drill pipe at 814' and place cement plug 714-814'.
3. Place 25' cement plug at surface.

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

None

5. Stratigraphic markers and depths:

Base Kreyenhagen Shale 4475'
Top Blewett Sand 7780'

6. Formation at bottom:
- Blewett Sands (Cretaceous)
-
7. Base of fresh water sands:
- 1000'

Reference to file of data

Map	Form
<u>card</u>	<u>111</u> <u>121</u>
✓	✓

DIVISION OF OIL AND GAS
RECEIVED

DEC 3 1970

OIL AND GAS
CALIFORNIAP. O. Box 2012, Bakersfield,
(Address) California

(805) 325-5746

(Telephone No.)

R. Bruce Grey

(Name of Operator)

By

Jack Clare

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

MEMORANDUM OF TELEPHONE OR PERSONAL CONVERSATION
(Proposed Well Operations)

Operator B. Bruce Grey Well No. "Britton" 1
 Field Fresno County Sec. 28 T. 12S R. 13E M.D. B&M
~~personal~~

A telephone conversation was held, concerning above well, with Mr. Jack Clare
Geol for above operator Dec 1 1970, at 3:00 P M.

Details of the conversation were as follows:

Total depth 7907 Plugs —

Casing record 8 5/8" cem. 764'

Oil or gas showings No shows or tests

Results of tests —

Stratigraphic markers Krey 4445', Dominguez 4375', Blewett 7780'

Geologic age at bottom Blewett sds Base of fresh water 1000'

Operator proposes the following work:

1. Hg pipe @ 1020' & plug w/ cem. to 920' - D.O.G. to check Loc. & Hard.
2. Hg pipe @ 814' & plug w/ cem. to 714' D.O.G. to witness plug.
3. 25' cem. surf. plug

Might place one long plug in abd. - if so D.O.G. to check

Additional requirements outlined: Loc. & Hard @ 714'

Test of W.S.O. to be witnessed by D.O.G. at _____ By operator at _____

Plugs to be located by D.O.G. at 920 or 714' By operator at 714' if two

Notice to be filed immediately ☒ Yes () Not necessary Plugs —

Other data _____

(Signed) John C. Sullivan

Title Assoc.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T. 570-245

Mr. Jack Clare
P. O. Box 2012
Bakersfield, California 93303
For: R. BRUCE GREY

Coalinga, Calif.
November 24, 1970

DEAR SIR:

Operations at well No. "Britton" 1 (019-20522), Sec. 28, T. 12S., R. 13E., M.D. B & M.
Field, in Fresno County, were witnessed
on November 23, 1970. Mr. R. A. Reid, representative of the supervisor was present
from 1415 to 1440. There were also present A. Rone, Driller
(Nordril Calif, Inc.)
Present condition of well: 8-5/8" cem. 764'. T.D. 2716' (drilling)

The operations were performed for the purpose of inspecting blowout-prevention equipment and
installation.

Mr. -- reported:

THE BLOWOUT-PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

RAR:fd
cc: Company

F. E. KASLINE
State Oil and Gas Supervisor

By

C. H. Cowen
JCS

Deputy

B. O. P. E. MEMO

No. T 570-245Company P. Bruce GARY Date Nov 21 19 70Operations at well No. "Britton" 1 (019-20522) Sec. 28 T. 12S R. 13E M.D. B&M.
Field FRESNO County, were witnessedon Nov 23 1970. Mr. P. A. Rone, representative of the supervisor was present from 1415 to 1440. There was also presentA. Rone, Driller (Nordril Calif Inc)Present condition of well: 8 5/8" cas. 764' T.D. 2716 (Drilling)

Operations were performed for purpose of inspecting BOP equipment and installation.

Mr. Rone reported:

- ☒ On Nov. 21 1970, 8 5/8", 34 lb. casing was cemented in a 12 1/4" hole at 764' with 205 sacks/cu.ft. of cement, 4 1/2 bbl. falling down 100 sacks cement & 3 1/2 bbl. lost
- ☒ Cement returned/did not return to the surface.
- ☐ An additional _____ sacks/cu.ft. of cement was placed around the _____ casing from the surface.
- ☐ The C.S.O., the PIPE RAME and the BLOWOUT PREVENTER were each tested with a closed-in pressure of 1500 psi for 15 minutes, _____ psi for _____ minutes, and _____ psi for _____ minutes, respectively.
- ☐ A 7 7/8" hole was being drilled ahead at 2716'.

THE ENGINEER NOTED that the well was equipped with the following BOP equipment:

- ☐ A Cameron SS 10-900 manually and hydraulically operated double control gate for closing in the well with the drill pipe/tubing out of the hole, and for closing around the 4" drill pipe/tubing.
- ☐ A G. K. HYDRIL 10-900 blow-out preventer for closing in the well with the drill pipe/tubing out of the hole, and for closing around the 4" drill pipe/tubing.
- ☐ A _____ manually and hydraulically operated control gate for closing in the well with the drill pipe/tubing out of the hole.
- ☐ A _____ manually and hydraulically operated control gate for closing around the _____ drill pipe/tubing.
- ☐ A _____ blow-out preventer for closing around the _____ drill pipe/tubing.
- ☒ The controls for the above equipment were located outside the derrick and on the derrick floor.
- ☒ A 2" mud fill-up line with a 2" high-pressure stopcock into the 8 5/8" casing below the above equipment.
- ☒ A high-pressure STOPCOCK on the kelly/goose neck/stand pipe.

Remarks STOPCOCK NOT OPERABLE, AND there are no controls on the derrick floor. Mr. Rone Reported that a new

stopcock was coming from Bakerfield and he would have controls installed on the derrick floor.

THE BLOW-OUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

JCS

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 570-309

Mr. Jack Clare
P. O. Box 2012
Bakersfield, California 93303
For: R. BRUCE GREY

Coalinga, Calif.
November 20, 1970

DEAR SIR:

Your _____ proposal to _____ Drill _____ Well No. "Britton" 1 (019-20522)
Section 28, T.12S., R.13E., M. D. B. & M., _____ Field, Fresno County,
dated 10-20-70, received 10-21-70, has been examined in conjunction with records filed in this office.

With reference to your proposal our decision is as follows:

DECISION: THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Mud fluid of sufficient weight and proper consistency to prevent blowouts shall be used in drilling, and the column of mud fluid shall be maintained to the surface at all times, particularly while pulling the drill pipe.
2. Adequate blowout-prevention equipment shall be provided and kept ready for operation at all times. Minimum equipment for this well shall consist of Division of Oil and Gas Class III. A copy of the Class III requirements is enclosed for your convenience.
3. In the event that additional casing is cemented in the hole, one of the following operations shall be performed for the protection of fresh waters:
 - a. Sufficient cement shall be used at the shoe of the casing to fill back of this casing to above the base of the fresh water sands, or
 - b. The casing shall be cemented through perforations at the base of the fresh water sands.
4. A supplementary notice shall be filed in the event that additional casing is landed or cemented in the hole.
5. This Division shall be notified:
 - a. To inspect the blowout prevention equipment prior to drilling out the shoe of the 8-5/8" casing.
 - b. To witness a test of each possible water shutoff.

Note: Information on file in this office indicates that the base of the usable fresh water deposits should be encountered at a depth of approximately 550'.

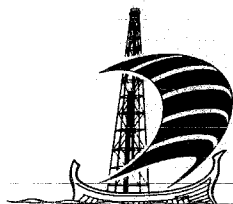
Note: Issuance of this report was delayed pending receipt of indemnity bond.

Bond No. 04-306-870318 dated 11-17-70

JCS:fd
cc: Company
enc (1)

F. E. KASLINE, State Oil and Gas Supervisor

By C. H. Cowan, Deputy
JCS



ARGONAUT PETROLEUM CORPORATION

1616 29th street • p.o. box 2012 • bakersfield • california • 93303 • (805) 325-5746

November 10, 1970

Mr. C. H. Corwin
Deputy Supervisor
Division of Oil & Gas
P. O. Box 616
Coalinga, California 93210

Re: R. Bruce Grey
"Lee L. Grey-Brittian" #1

Dear Mr. Corwin:

I contacted Mr. Grey this A.M. and he informed me that the bond on the above subject well would be forthcoming this week.

Very truly yours,

ARGONAUT PETROLEUM CORPORATION

Jack Clare
Jack Clare

JC:jb
cc: Bruce Grey

DIVISION OF OIL AND GAS
RECEIVED
NOV 12 1970

COALINGA, CALIFORNIA

November 9, 1970

Mr. Jack Clare
P. O. Box 2012
Bakersfield, California 93303

Dear Sir:

On October 21, 1970, I received your notice of intention to drill "Lee L. Grey-Brittian" 1, Sec. 28, T. 12 S., R. 13 E., M.D.B. & M., Fresno County, with R. Bruce Grey as operator.

To date no drilling bond has been furnished for this well. Please advise me if said bond will be forthcoming, or whether the notice of intention to drill should be returned to you.

Yours truly,



C. H. CORWIN
Deputy Supervisor

CHC/ef

BOND TO FOLLOWDIVISION OF OIL AND GAS
Notice of Intention to Drill New Well
This notice and surety bond must be filed before drilling begins

BFW 850'

E P570-309
15

019-20522

019 20522
DIVISION OF OIL AND GAS

Bakersfield Calif. October 20, 1970

019 20522

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. "Lee L. Grey-Britton" #1, Sec. 28, T. 12 S, R. 13 E, M.D.B. & M., Firebaugh Field, Fresno County.

Legal description of mineral-right lease, consisting of 160 acres, is as follows: Southeast quarter (SE $\frac{1}{4}$)
(Attach map or plat to scale)

Do mineral and surface leases coincide? Yes ☒ No ☐ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 650 feet North along section line and 2800 feet East
(Direction) (Direction)
at right angles to said line from the Southwest corner of section 28

DIVISION OF OIL AND GAS
RECEIVED
OCT 21 1970

Elevation of ground above sea level 182 feet topo datum.

All depth measurements taken from top of Kelly Bushing which is 12 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
8-5/8"	24#	Used	Surface	750'	750' - Surface

Intended zone(s) of completion: Blewett 7500-7600' Estimated total depth 8000'
(Name) (Depth, top and bottom)

Reference to file of data
Map 117
45-3 VCS
118 121
FORMS
118 121

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address P. O. Box 2012
Bakersfield, California 93303
Telephone Number 325-5746

R. BRUCE GREY
(Name of Operator)
By Jack Clare
Jack Clare
Type of Organization Individual
(XXXXXXX, Individual, XX)

*Grey/Sullivan 11-17-70