

FILE NOTATIONS

Entered in NID File

✓

Checked by Chief

PMB

Entered On S R Sheet

✓

Copy NID to Field Office

✓

Location Map Pinned

✓

Approval Letter

Indist

Card Indexed

✓

Disapproval Letter

IWR for State or Fee Land

COMPLETION DATA:

Date Well Completed

12-23-63

Location Inspected

OW

WW

TA

Bond released

GW

OS

PA ✓

State of Fee Land

LOGS FILED

Driller's Log

1-6-64

Electric Logs (No.)

3

E

I

E-I

GR

GR-N

Micro

Lat

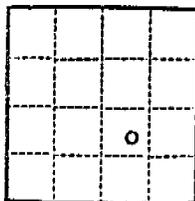
Mi-L

Sonic

Others

Reman & Bond
Security Log & Calibration Log

12



Lyle H. L. E.
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake
Lease No. 014902
Unit Big Flat

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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 RE-DRILLING 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)

October 11, 1963

Big Flat Unit
Well No. 6-6 is located 1980 ft. from SW line and 1650 ft. from EW line of sec. 27
NE SE Sec 27 T-25-S R-19-E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Big Flat Basnett Flat Field Grand Utah
(Field) (County or Subdivision) (State or Territory)

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

DETAILS OF WORK

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

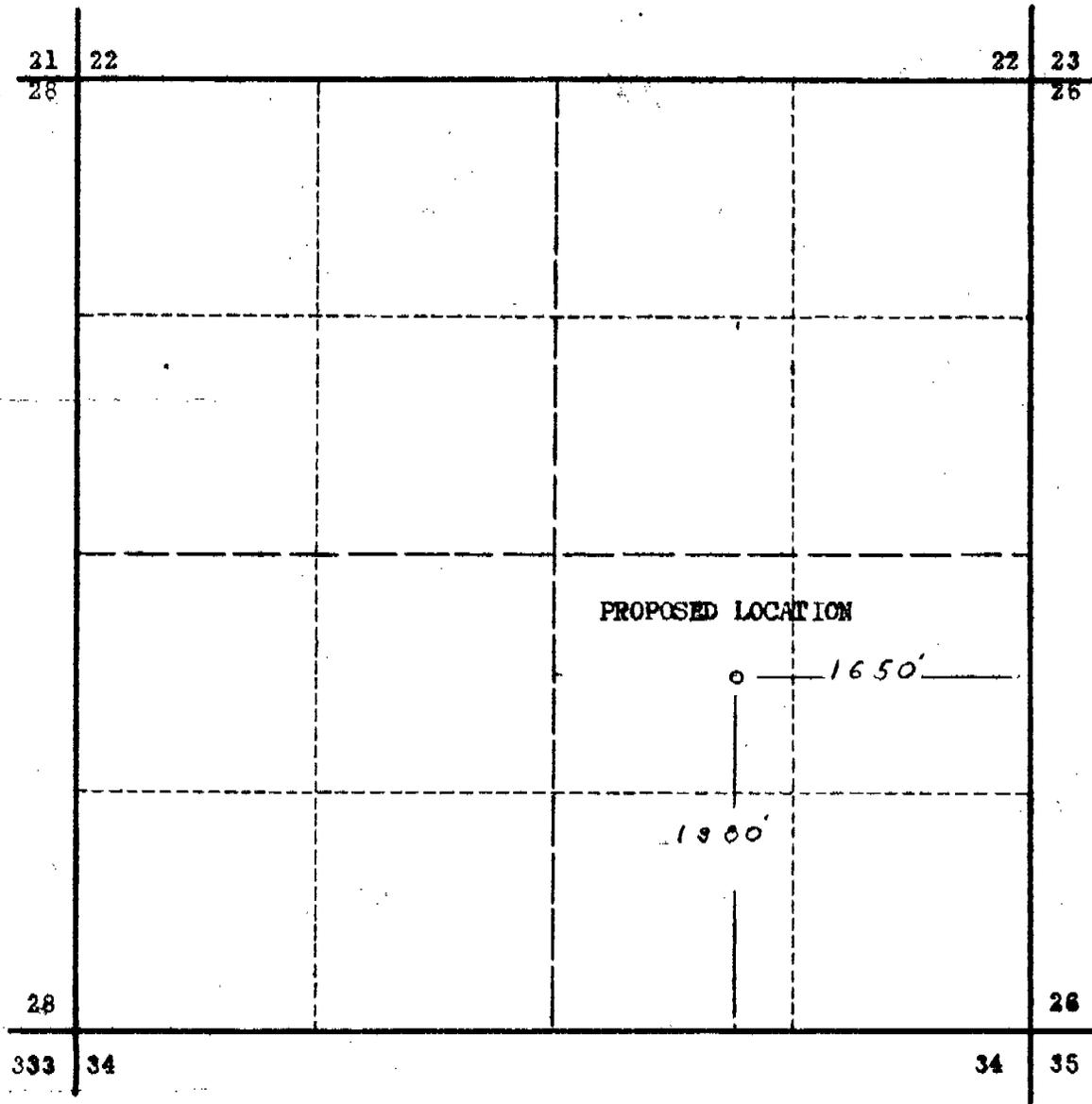
Spud date approximately October 17, 1963.

Objective Zone: Cane Creek at 7,300'

Casing Program: 10-3/4" 40.50# J-55 @ 250', cemented to surface
7" 23# N-80 @ 4,500', cemented to surface
5" 15# N-80 @ 7,300', cemented to surface

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

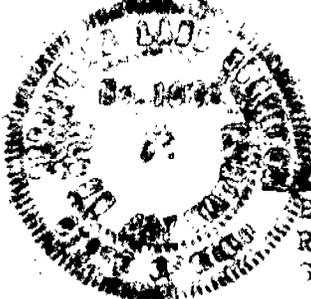
Company Calvert Exploration Company
Address 1218 CNB Building
Fort Worth, Texas 76102
By *[Signature]*
Title Vice-President



WELL LOCATION: Calvert Exploration Company Big Flat 27 - 1 #6

Located 1650' West of the east line and 1900' North of the South line
 Section 27, T. 25 S., R. 19 E., Salt Lake Base & meridian, Grand Co., Utah.
 Existing ground elevation determined at 5748' based on adjoining well location.

I hereby certify the above plat represents a survey
 made by me and that it is accurate to the best
 of my knowledge and belief



E. J. Mayhew
 E. J. Mayhew
 Registered Land Surveyor
 State of Utah # 1652

CALVERT EXPLORATION COMPANY Pt. Worth, Texas	
WELL LOCATION PLAT Sec. 27, T. 25 S., R. 19 E. Grand County, Utah	
Mayhew & Assoc. Moab, Utah	Date: 9-14-63

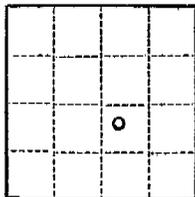
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake

Lease No. 014902

Unit Big Flat

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
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 RE-DRILLING 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)

October 21, 19 63

Big Flat Unit

Well No. 6 is located 1980 ft. from S line and 1650 ft. from E line of sec. 27

NW SE Sec 27 T-25-S R-19-E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Big Flat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ 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 well 12:01 a.m., October 18, 1963.

TD 265'. Set 10-3/4" 32.75# J-55 csg at 265', cemented to surface w/ 250 sacks cement. Job complete 5 a.m., Oct. 21, 1963. Tested to 1,000#, held OK.

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

Company CALVERT EXPLORATION COMPANY

Address 1218 CNB Building

Fort Worth, Texas 76102

By [Signature]
Title Vice-President

Copy to...

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Grand Field or Lease Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for
October, 19 63.

Agent's address 1218 CNB Building Company Calvert Exploration Company

Fort Worth, Texas 76102 Signed *[Signature]*

Phone Area 817 Edison 5-1131 Agent's title Vice-President

State Lease No. _____ Federal Lease No. 014902 Indian Lease No. _____ Fee & Pat.

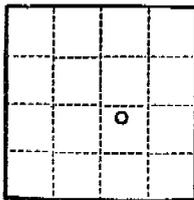
Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW SE Sec 27	25S	19E	6					Spudded 10-18-63. Set 10-3/4" csg at 265'. Set 7" csg at 4228'. Now WOC ✓

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aba
WI-Water Injection

Copy H. L. G.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. 014902
Unit BIG FLAT

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
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 RE-DRILLING 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)

November 4, 1963

Big Flat Unit

Well No. 6 is located 1980 ft. from ~~NW~~
S line and 1650 ft. from ~~E~~
W line of sec. 27

NW SE sec 27 T-25-S R-19-E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Big Flat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5775 ft. GL - 5764

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)

TTD 4228. Set 131 jts 7" 23# J-55 ST&C csg @ 4228'. Cemented w/ 480 sacks 50/50 pozmix cement w/ 6% gel followed by 50 sacks neet cement, salt saturated, 2% CaCl. Cemented outside 7" csg at surface w/ 70 sacks cement.

Job complete: 9:45 a.m. 10-31-63

Tested casing 2,000#, held OK

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

Company Calvert Exploration Company

Address 1218 CNB Building

Fort Worth, Texas 76102

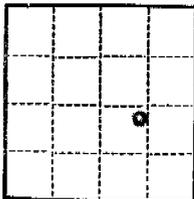
By *Billy J. [Signature]*
Title Vice-President

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake**

Lease No. **014902**

Unit **Big Flat**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
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.....	
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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)

November 18, 19 63

Big Flat Unit

Well No. **6** is located **1980** ft. from **{NX}** line and **1650** ft. from **{E}** line of sec. **27**

NW SE Sec 27
(1/4 Sec. and Sec. No.)

25-S
(Twp.)

19-E
(Range)

SLM
(Meridian)

Big Flat
(Field)

Grand
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is **5775** 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)

WELL ID 7323. Set 4 1/2" 11.60# and 13.50# N-80 LT&C casing at 7323, cemented with 825 cu. ft. 50/50 pozmix cement, 6% gel, salt saturated, circulated to surface, Job complete 10:30 AM Nov. 13, 1963.

Tested casing to 4000 psi, held OK.

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

Company **Calvert Exploration Co.**

Address **1218 CHB Bldg.**

Ft. Worth, Texas

By *[Signature]*
Title **Vice-president**

ENE

Copy H-2-E

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER 014902
UNIT Big Flat

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1963,

Agent's address 1218 CNB Building Company Calvert Exploration Company
Fort Worth, Texas 76102 Signed *[Signature]*

Phone Area 817, Edison 5-1131 Agent's title Vice-President

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW SE Sec 27	25S	19E	6		<i>Big Flat Unit</i> (Drilling well)					<p>Nov 13, 1963 - Set 4 1/2" csg @ 7323'. Perforated 7229' - 7259' w/ 120 jet shots, Acidized w/ 500 gals MCA.</p> <p>Nov 24 - Sand fracture treatment, 1417 bbls oil w/ 1/4 to 3/4# sand per gal. Pumped in @ 5800 PSI</p> <p>Nov 30 - Flowing well 16/64" choke estimated 4 bbls per hour. Tubing pressure 100#. Recovered approx 1100 bbls of treatment oil to date.</p>

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold;
0 runs or sales of gasoline during the month. (Write "no" where applicable.)

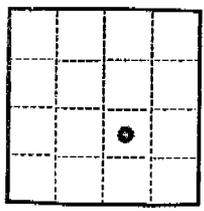
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

10-14-63

Copy 4-1-63

Budget Bureau No. 42-R368.4
Approval expires 12-31-60.

Form 9-881a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. 014902
Unit Big Flat

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.....	
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 RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
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 23, 1963

Well No. 6 is located 1980 ft. from CC line and 1650 ft. from E line of sec. 27

NW 34 Sec 27 T-25-S R-19-E 51M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Big Flat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5775 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)

ID 7323. Plugged & abandoned as follows:

Baker magnesium bridge plug at 6310' w/ 15' cement plug on top. Filled csg w/ mud to 50' & installed Halliburton plug. Filled casing with cement 50' to surface and set dry hole marker. No casing was cut and pulled.

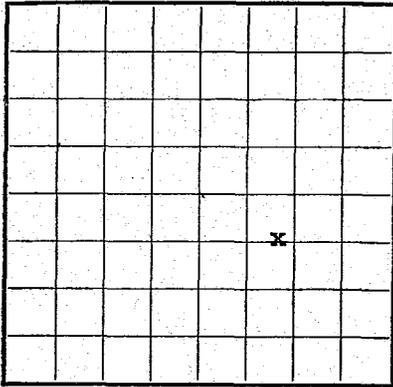
Abandoned 12-23-63.

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

Company CALVERT EXPLORATION COMPANY
Address 1218 CBE Building
Fort Worth, Texas

By [Signature]
Title Vice-President

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER 014902
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Calvert Exploration Company Address 1218 CNB Bldg., Fort Worth, Texas

Lessor or Tract Federal 014902 Field Big Flat State Utah

Well No. 6 Sec. 27 T. 25S R. 19E Meridian SLM County Grand

Location 1980 ft. N of 1650 Line and EX ft. W of E Line of Sec. 27 Elevation 5775
(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 [Signature]

Date December 28, 1963 Title Vice-President

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

Commenced drilling Oct. 13, 1963 Finished drilling Dec. 23, 1963

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from None to _____ 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 None 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-	
10-3/4"	32.75	8	Nat'l	265	Howco	-	-	-	Conductor
7"	23	8	GFS-I	4228	Howco	-	-	-	Surface
4 1/2"	13.50	8	GFS-I	7323	Howco	-	-	-	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	265	250	Pump-Plug	air	
7"	4228	530	Pump-Plug	air	
4 1/2"	7323	825	Pump-Plug	14.0#	

PLUGS AND ADAPTERS

Heaving plug Material _____ Length _____ Depth set _____

OLD MARK

FOLD

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 Surface feet to 7323 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing 12-23-63, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. L. Dockter _____, Driller George Bohnet _____, Driller

Harlan Payton _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Formation Tops:			
	Wingate	220	(sample)
	Chinle	540	"
	Moenkopi	920	"
	Cutler	1425	"
	Rice	2200	"
	Hermosa	2660	"
	Salt	4212	(Gamma Ray Log)
	"B" Marker	6086	"
	Cane Creek	7114	"
	TD	7323	

[OVER]

16-43094-4

JAN 8

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
DST #1 - 7188	- 7262'	3,915'	fresh water cushion. Bottom choke 3/4", surface choke 1/8". Open tool, very weak blow, slowing, decreasing until dead in 30 minutes. By-passed packers w/ weak blow for 5 minutes and died. Closed for 80 minutes. Recovered 3,915' fr water, 180' water-cut mud. IHP 5387'; IFP 1920; FFP 1920; FCP 3311; FHP 5387
<u>Perforated 7229'-59'</u>			w/ 4 jet shots per foot. Treated w/ 500 gals 15% MCA acid. Swabbed dry - no fluid entering hole, trace free oil in acid water. Reperforated 7238-1/2 - 7243-1/2 w/ 4 shots per foot. Oil-frac treatment w/ 900 bbls Cane Creek oil from Long Canyon Unit, maximum frac pressure 5600# at 18 B/Min rate. Well flowed back 500 bbls and died. Sand-oil frac treatment w/ 1260 bbls oil, 23,000# sand, maximum pressure 5800# @ 18 BPM. Flowed back 1,012 bbls through casing and died. Ran 2-3/8" tubing to 7,206'. Swabbed 12 days, recovered all but 200 bbls frac oil, no apparent new oil, but well making small amount of gas.
<u>Perforated 7222-28 and 7266-70'</u>			w/ 2 shots per foot. Slight increase in gas flow (est 150 MCF per day) Swabbed dry.
<u>Perforated 7204-22'</u>			w/ 2 shots per foot. No increase in fluid level or gas. Pumped in 1000 gals 15% penetrating acid (maximum pressure 3550#), swabbed dry. Set magnesium bridge plug at 6310.
<u>Perforated 6233-33'</u>			Swabbed dry.
<u>Perforated 6104-08'</u>			Swabbed dry.

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R3565.

LAND OFFICE Salt Lake
 LEASE NUMBER 014902
 UNIT Big Flat

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Big Flat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 63

Agent's address 1218 Continental Natl Bk Bldg Company Calvert Exploration Co.
Fort Worth, Texas 76102 Signed [Signature]

Phone Edison 5-1131, Area 817 Agent's title Vice-President

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NWSE Sec 27	25S	19E	6		(Drilling Well)					Dec. 1-19. Swabbed well & recovered frac oil only, No new oil, from perms 7204-7270. Perforated and tested following zones: 6233-38 swabbed dry 6104-08 swabbed dry Dry hole. Plugged and abandoned, marker installed, Dec. 23, 1963. FINAL REPORT
SENE Sec 6	26S	20E	7		(Drilling well)					Spudded 5 p.m. 12-30-63. 12-31-63 - Drig at 180'

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas

runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

100
JH
6

January 3, 1964

MEMO FOR FILING:

Re: Calvert Exploration Company
Big Flat Unit #6
Sec. 27, T. 25 S. R. 19 E.,
Grand County, Utah

Upon receiving the Notice of Subsequent Report of Abandonment on the above well, it was noted that the perforations at 7229'-7259' had not been squeezed off with cement and only a Baker Magnesium bridge plug set at 6310' with 15' of cement on top of the plug. Beside a 50' cement plug at the surface, no other plugs were set.

The operator had not notified this office for request to plug but had approved the above with the U. S. Geological Survey. *Called Don Russell and he verified program. JLB*

In my opinion the perforations should have been squeezed with cement for two reasons:

1. The operator acidized and fraced the zone with no production received. - ?
2. The well was perforated in a zone where 330' away the Pure Oil Company had completed the #5 Big Flat Unit with a bottom hole pressure around 5200 psig.

This appears to be a good possibility that over a period of time, this pressure could enter through the unrestricted perforation and stabilize below the bridge plug. If the plug should fail, the well would blowout.

HARVEY L. COONIS
PETROLEUM ENGINEER

HLC:kgw

7

July 28, 1964

On July 27, 1964, Mr. Rodney Smith, District Engineer for the U. S. Geological Survey, informed me that the following plugged wells have been satisfactorily abandoned and approved by his agency:

- Pan American Petroleum Corporation, Well No. Ute Indian Tribe #1,
NW SW Sec. 31, T. 4 S., R. 8 W., Duchesne County, Utah
- Atlantic Refining Company, Well No. Calco Federal #21-1,
NE SE Sec. 21, T. 17 S., R. 8 E., Emery County, Utah
- Amax Petroleum Corporation, Well No. Green River Desert Unit #9-7,
SW NE Sec. 9, T. 22 S., R. 15 E., Emery County, Utah
- Utah Plateau Uranium Corporation, Well No. Federal #1,
SW SW Sec. 11, T. 22 S., R. 8 E., Emery County, Utah
- United Technical Industries, Inc., Well No. UTI Shelton-Federal #3,
SW SE Sec. 19, T. 20 S., R. 24 E., Grand County, Utah
- Belco Petroleum Corporation, Well No. Westbit Unit #3,
SW SW Sec. 31, T. 15 S., R. 25 E., Grand County, Utah
- Alpine Oil Company, Inc., Well No. Wild Cow Unit Government #1,
SW SE Sec. 4, T. 17 S., R. 25 E., Grand County, Utah
- Eidewater Oil Company, Well No. East Canyon Unit 23-8 #1,
NE SW Sec. 8, T. 16 S., R. 25 E., Grand County, Utah
- Trend Oil Company, Well No. Bryson Canyon Unit #4,
NW NW Sec. 14, T. 17 S., R. 24 E., Grand County, Utah
- Trend Oil Company, Well No. Bryson Canyon Unit #5-A,
SW SE Sec. 12, T. 17 S., R. 24 E., Grand County, Utah
- Pumpelly-Stava, Well No. Pumpelly-Stava #30-81,
NE NE Sec. 30, T. 20 S., R. 24 E., Grand County, Utah
- William G. Bush, Well No. Bush Federal #5-1,
NE NE Sec. 5, T. 21 S., R. 24 E., Grand County, Utah
- William G. Bush, Well No. Bush Federal #5-2,
NE NE Sec. 5, T. 21 S., R. 24 E., Grand County, Utah
- Calvert Western Exploration Company, Well No. Big Flat Unit #7,
SE NW Sec. 6, T. 26 S., R. 20 E., Grand County, Utah
- Calvert Western Exploration Company, Well No. Big Flat Unit #6,
NW SE Sec. 27, T. 25 S., R. 19 E., Grand County, Utah

Deliver

Gene Swisher - 2/24/70
Cabnet Western Expl.
Box 7 lot #6

Set Coulbong Magnesian Plug C₂

6000 - I balor ranging cement
18 + 18 = 36'

filled / water - no gas leaking
to top

6104 - highest prefer. no plug when P&A.

Magnesian Plug C₂

6723 - on top / of prefer (lower)
/ some cement + cement C₂
surface.

4 1/2" cement was available to surface.

will wait and if no leaking will
place control valves C₂ surface.

Possible remedy - Don't release bond
cement P&A Remedy
with cement plug C₂ surface

Pat'ry not available - Cabnet. used
own equipment.

DST - Salt Water - Miss. on General Cruise
to check P&A with USGS

to check

JSP

5-13
m

RICHARD A. HIGGINS

PETROLEUM CONSULTANT

8075 SUNSET DR. • LAKEWOOD, COLORADO 80215

233-1107

File on file
J. [unclear]

March 4, 1970

Mr. Paul Burchell
Utah Oil & Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84110

Dear Sir:

I am sorry to report that we did not get the Calvert Exploration re-plugging job on Big Flat as previously expected.

Tom Gibson of Calvert took their personnel, uncapped the well, let the top cement plug in the 4-1/2" blow out, then after the pressure had bled off proceeded to duplicate the previous error on plugging this well. It is my understanding they ran another magnesium bridge plug.

We will be moving back into Colorado to shut off another flowing salt or soda water well for the Colo. Oil & Gas Commission.

Very truly yours,

R.A. Higgins
Richard A. Higgins

OK

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE
(Other instructions on reverse 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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Big Flat Unit	
2. NAME OF OPERATOR Calvert Western Exploration Co.		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 1218 CNB Bldg., Ft. Worth, Texas 76102		9. WELL NO. 6	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FSL & 1650 FEL, Sec. 27, T-25-S, R-19-E		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T-25-S, R-19E	
15. ELEVATIONS (Show whether DF, WT, GR, etc.) CL 5765'		12. COUNTY OR PARISH Grand	13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)*

February 23, 1970
Removed Top plug in 4½" Casing. Run McCullough bridge plug to 6000' and set same. Upper perforations are at 6104'.
Set cement plug on top of bridge plug with McCullough wire line baler.

March 2, 1970
Run 50' of cement in top of 4½" casing and replaced flange and 2" valve.

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

SIGNED *Gene L. Swisher* TITLE Supintendent DATE March 4, 1970

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

March 19, 1970

Calvert Western Exploration Co.
1218 Continental National Bank Bldg.
Ft. Worth, Texas 76102

Gentlemen:

Attached is an approved copy of the additional abandonment work performed on the Big Flat Unit No. 6 well, NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 25 S., R. 19 E., Grand County, Utah, on lease Utah 014902.

We have no objection to your leaving the 2" valve without the standard marker until you decide whether or not the well will be reentered. However, if there is more than a 30-day delay in your decision, you are requested to complete the surface cleanup which would involve cleaning up or removing oil and other contaminants from the cellar and pit and filling holes and pits and leveling the area.

If you have any questions, please contact us and keep us advised of your plans and/or operations on this well.

Sincerely yours,

(ORIG. SCD.) R. A. SMITH

Rodney A. Smith,
District Engineer

cc: State

P.S. Paul: Thanks for the information on this well.

RAS