

Little Bear Comm. Agree. #1

Check ~~10000~~
165. 23E.

Sec 2, lots 3, 4,

5 1/2 NW 1/4

Bear forth 0 3 6

P.O. Bx 25641

Billings, MT 59103



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Water Rights

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

23 East Main Street • P.O. Box 879 • Vernal, UT 84073 • 801-789-3714



**DIVISION OF
OIL, GAS & MINING**

Mr. Burt DeLambert
P. O. Box 607
Vernal, Utah 84078

RE: Temporary Change 84-49-13

Dear Mr. DeLambert:

The above numbered Temporary Change Application has been approved, subject to prior rights.

A copy is herewith returned to you for your records and future reference.

Sincerely yours,

Ted Baldwin
for Dee C. Hansen, P. E.
State Engineer

DCH:TB/ln

Enclosure

APPLICATION NO. 84-49-13
DISTRIBUTION SYSTEM _____

Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

Vernal, Utah March 20 1984
Place Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use
(Strike out written matter not needed)

of water, the right to the use of which was acquired by Appl. 58192 (49-1223)
(Give No. of application, title and date of Decree and Award No.)
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of
facts, submitted in accordance with the requirements of the Laws of Utah.

- 1. The owner of right or application is Burt DeLambert
- 2. The name of the person making this application is Burt DeLambert
- 3. The post office address of the applicant is P. O. Box 607, Vernal, Utah 84078

PAST USE OF WATER

- 4. The flow of water which has been used in second feet is .015
- 5. The quantity of water which has been used in acre feet is _____
- 6. The water has been used each year from Jan. 1 to Dec. 31 incl.
(Month) (Day) (Month) (Day)
- 7. The water has been stored each year from _____ to _____ incl.
(Month) (Day) (Month) (Day)
- 8. The direct source of supply is Unnamed Spring Stream in Uintah County.
- 9. The water has been diverted into Pump & pipe ditch canal at a point located S. 550 ft. E. 2290 ft.
from the W $\frac{1}{2}$ Cor. Sec. 6, T16S, R23E, SLB&M
- 10. The water involved has been used for the following purpose: Stockwatering for 300 Livestock

Total _____ acres.

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

- 11. The flow of water to be changed in cubic feet per second is .015
- 12. The quantity of water to be changed in acre-feet is _____
- 13. The water will be diverted into the Pumped into trucks ditch canal at a point located S. 550' E. 2290'
from the W $\frac{1}{2}$ Cor. Sec. 6, T16S, R23E, SLB&M
- 14. The change will be made from March 21, 191984 to March 21, 191985
(Period must not exceed one year)
- 15. The reasons for the change are Oil field drilling & use
- 16. The water involved herein has heretofore been temporarily changed _____ years prior to this application.
(List years change has been made)
- 17. The water involved is to be used for the following purpose: Oil well drilling and Service Work

Total _____ acres.

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

EXPLANATORY

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

Burt DeLambert
Signature of Applicant

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$5.00. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No. (River System)

1. Application received by Water Commissioner (Name of Commissioner)

Recommendation of Commissioner

2. March 20, 1984 Application received over counter by mail in State Engineer's Office by 746

3. Fee for filing application, \$7.50, received by ; Rec. No.

4. Application returned, with letter, to for correction.

5. Corrected application resubmitted over counter by mail to State Engineer's Office.

6. Fee for investigation requested \$

7. Fee for investigation \$, received by ; Rec. No.

8. Investigation made by ; Recommendations:

9. Fee for giving notice requested \$

10. Fee for giving notice \$, received by ; Rec. No.

11. Application approved for advertising by publication mail by

12. Notice published in

13. Notice of pending change application mailed to interested parties by as follows:

14. Change application protested by (Date Received and Name)

15. Hearing set for at

16. March 21, 1984 Application recommended for rejection approval by 746

17. Change Application rejected approved and returned to

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

- 1.
2.
3.

Theodor Baldwin For
State Engineer
Dee C. Hansen, P. E.

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

April 19, 1984

State of Utah
Natural Resources State Lands and Forestry
3100 State Office Building
Salt Lake City, Utah 84114

Re: Little Berry State "C" #1
Section 2-T16S-R23E
Grand County, Utah
Lease No. ML-39609

Gentlemen:

Enclosed is an original and two copies of an APD for the above-referenced well. TXO will purchase water from Burt DeLambert and an agreement will be forwarded to your office when it is finalized.

If you have any questions or need any additional information, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.


Terry L. Blankenship
Environmental Scientist

TLB/jy

Enclosures/as stated

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

5. Lease Designation and Serial No.

ML-39609

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

2. Name of Operator

TXO Production Corp. Attn: Terry Blankenship

Little Berry State "C"

3. Address of Operator

1800 Lincoln Center Building, Denver, CO 80264 (303) 861-4246

9. Well No.

#1

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

1248' FNL, 1032' FNL Section 2-T16S-R23E

At proposed prod. zone

10. Field and Pool, or Wildcat

Undesignated Horse Point

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 2-T16S-R23E

14. Distance in miles and direction from nearest town or post office*

Approximately 45 miles northwest of Mack, Colorado

12. County or Parrish 13. State

Grand Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

1032'

16. No. of acres in lease

320

17. No. of acres assigned to this well

320

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

8400'

20. Rotary or cable tools

Rotary

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

7173' GR

22. Approx. date work will start*

May 15, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	9 5/8"	36.0#	400'	200 sacks
8 3/4"	7"	20.23#	4600'	150 sacks
6 1/4"	4 1/2"	11.6#	8400'	150 sacks

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: _____

BY: _____



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: Ronald E. Dashner

Title: District Drilling Manager

Date: April 19, 1984

(This space for Federal or State office use)

Permit No. _____ Approval Date _____

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

5. Lease Designation and Serial No.

ML-39609

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Little Berry State "C"

9. Well No.

#1

10. Field and Pool, or Wildcat

Horse Point

11. Sec., T., R., M., or Bk. and Survey or Area

Sec. 2-T16S-R23E

12. County or Parrish 13. State

Grand Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

1b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

TXO Production Corp. Attn: Terry Blankenship

3. Address of Operator

1800 Lincoln Center Building, Denver, CO 80264 (303) 861-4246

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface

1248' FNL, 1032' FSL Section 2-T16S-R23E

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximately 45 miles northwest of Mack, Colorado

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7173' GR

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May 15, 1984

23.

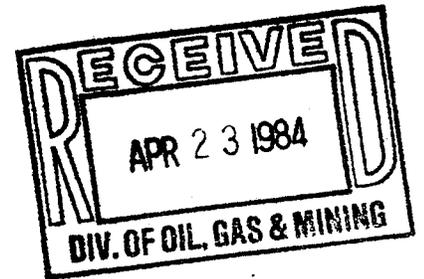
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Size of Hoie	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
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8 3/4"	7"	20.23#	4600'	150 sacks
6 1/4"	4 1/2"	11.6#	8400'	150 sacks

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____



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

Ronald E. Dashner

Title District Drilling Manager

Date April 19, 1984

(This space for Federal or State office use)

Permit No.

Approval Date

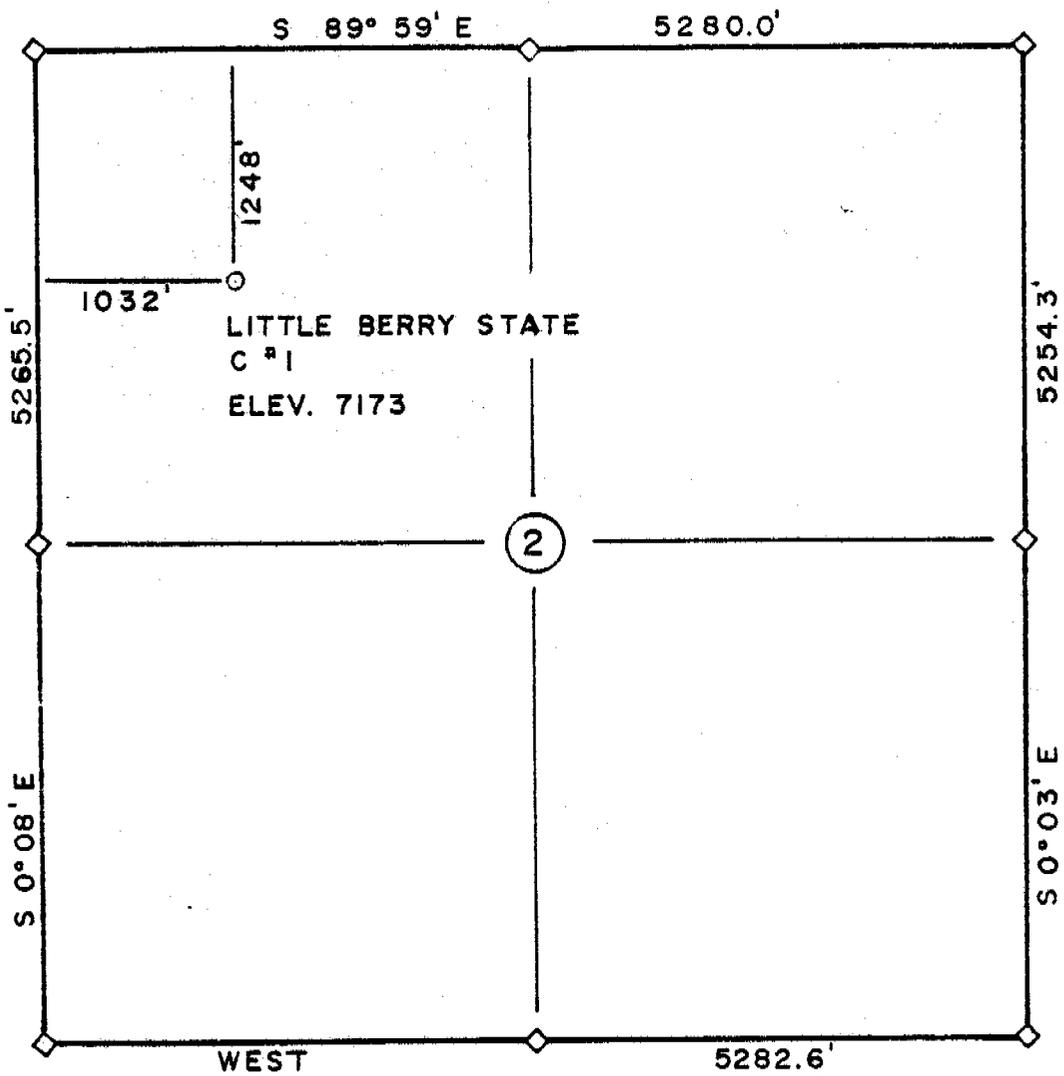
Approved by

Title

Date

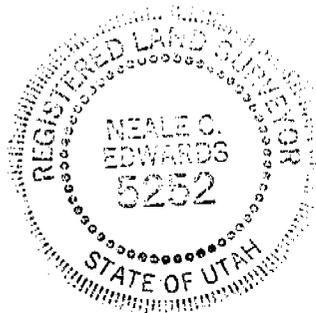
Conditions of approval, if any:

SEC. 2, T. 16 S, R. 23 E, OF THE S.L.B. P.M.



REFERENCE DOCUMENTS

1923 GLO PLAT
PR SPRINGS - UT.
QUADRANGLE, USGS



SURVEYOR'S CERTIFICATE

I, NEALE C. EDWARDS A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Neale C. Edwards

L.S. NO 5252

DATE: 4-16-84

THIS WELL LOCATION PLAT WAS PREPARED FOR TXO PRODUCTION CORP. AS REQUESTED BY TERRY BLANKENSHIP 1248' F.N.L. & 1032' F.W.L. IN THE NW 1/4 NW 1/4, OF SECTION 2, T. 16 S. R. 23 E. OF THE SLB P.M., GRAND COUNTY, UTAH

NCE SURVEYS

364 C.R. 216
DURANGO, COLO.
81301
(303) 247-2342

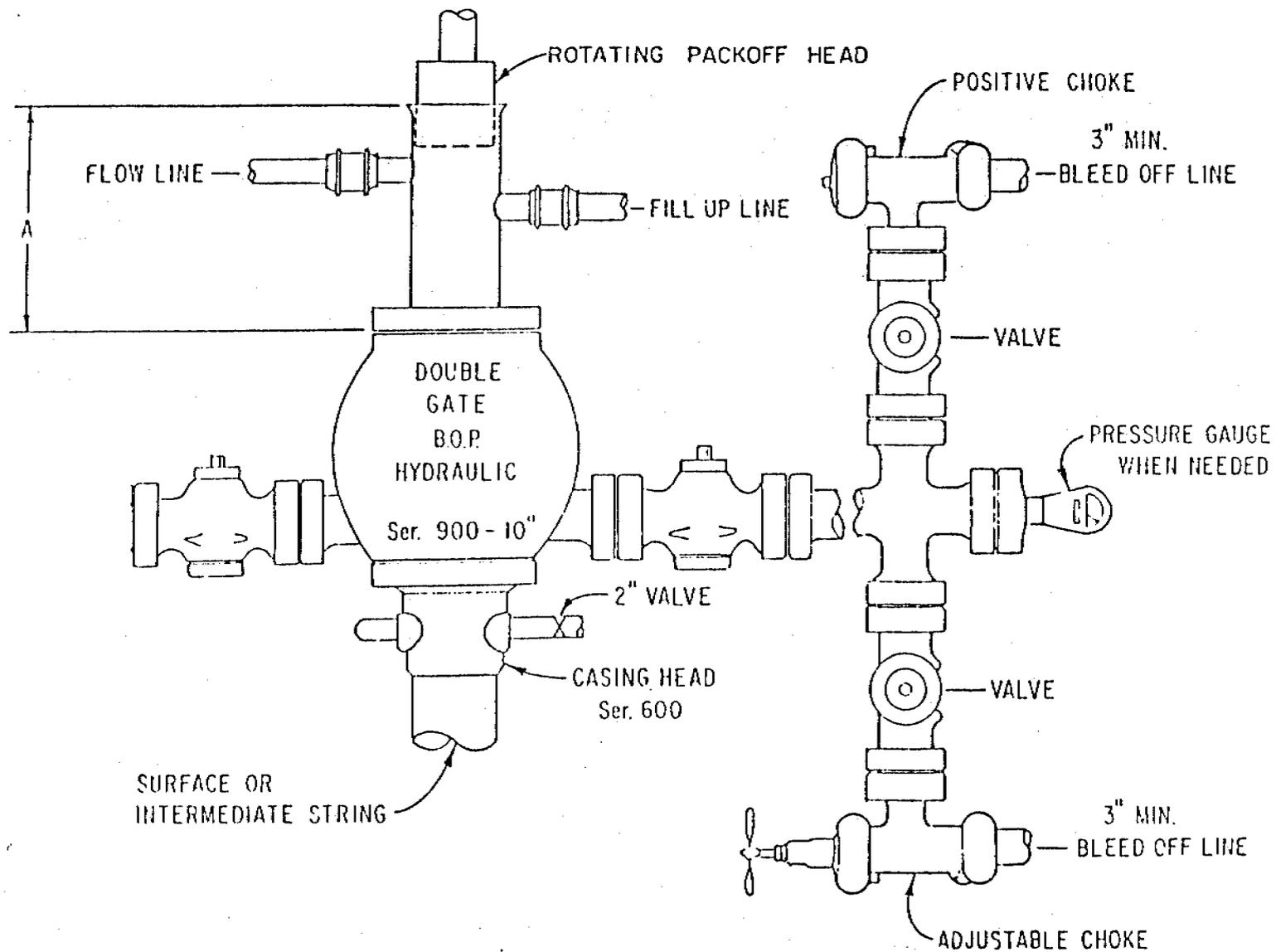
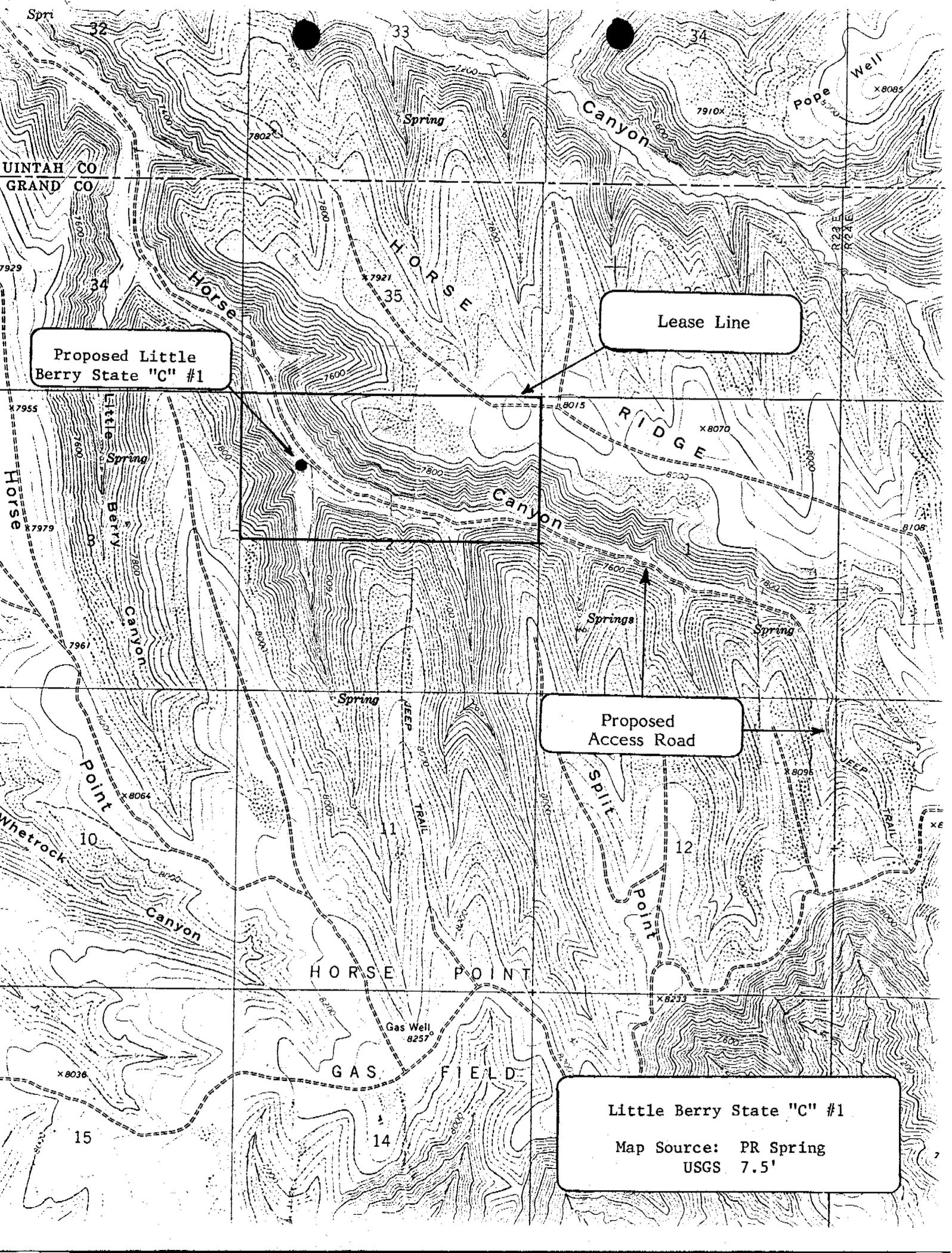


EXHIBIT I
 BLOWOUT PREVENTER DIAGRAM



UINTAH CO
GRAND CO

Proposed Little
Berry State "C" #1

Lease Line

Proposed
Access Road

Little Berry State "C" #1
Map Source: PR Spring
USGS 7.5'

OPERATOR TXO Production Corp DATE 4/24/84
WELL NAME Little Berry State "C" #1
SEC NW1/4 2 T 6S R 23E COUNTY Grand

43-019-31151
API NUMBER

State
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

No other wells in the N/2 of Sec 2
Water # 84-49-13

APPROVAL LETTER:

SPACING: A-3 _____ UNIT c-3-a 149-19 2/24/83 CAUSE NO. & DATE
 c-3-b c-3-c

SPECIAL LANGUAGE:

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER 149-19

UNIT _____

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

MAY 16 1984

DIVISION OF OIL
GAS & MINING

May 14, 1984

State of Utah Natural Resources
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Water Agreement for
Little Berry State "C" #1
Section 2-T16S-R23E
Grand County, Utah

Gentlemen:

Enclosed is a signed copy of an agreement between TXO Production and Burt DeLambert to purchase water for the above referenced well. Burt DeLambert has received water permits #83-49-1 (June 6, 1983 to June 6, 1984) and #84-49-15 (June 6, 1984 to June 6, 1985) from the Division of Water Rights to sell water for oil and gas drilling. Due to the scheduled drilling date, TXO will use both permits to obtain water for drilling purposes.

If you have any questions please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Terry L. Blankenship
Environmental Scientist

TLB/gbp

Enclosure

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

May 8, 1984

RECEIVED
DENVER ENV. DEPT.

RECEIVED

MAY 14 1984

MAY 16 1984

Mr. Burt DeLambert
Box 607
Vernal, Utah 84078

DIVISION OF OIL GAS & MINING

Re: Water Use Agreement for the
Little Berry State "C" #1
SW/NW Section 2-T16S-R23E
Uintah County, Utah

Dear Burt:

This letter, when fully executed, will set forth the Agreement that has been reached between TXO Production Corp. (hereinafter referred to as "TXO") and Burt DeLambert with respect to water use in conjunction with the drilling of the above-referenced well.

The terms of the Agreement between TXO and Burt DeLambert are as follows:

1. Burt DeLambert has agreed to sell to TXO all water necessary for the drilling and completion of the above-referenced well. The mutually agreed upon purchase price for this water is two thousand five hundred dollars (\$2,500.00). This water will be obtained from landowner's pond located in the southeast quarter of the northeast quarter (SE/4 NE/4) of Section 31-Township 15 South, Range 23 East, Uintah County, Utah and in conjunction with the taking and use of this water, TXO is granted the necessary easement across the existing road between the above-mentioned pond and the referenced well site location.

If you agree with the terms discussed in this letter, please concur by signing below and returning a signed copy of the letter to me. A 10-day bank draft in the amount of \$2,500 is enclosed for your execution as payment in full for this agreement.

If you have any questions do not hesitate to contact me at this office. Our toll free number is (800) 351-8803.

Very truly yours,

TXO PRODUCTION CORP.

Terry L. Blankenship
Terry L. Blankenship
Environmental Scientist

TLB/gbp

ACCEPTED AND AGREED TO THIS

11 DAY OF May, 1984
Burt DeLambert
Burt DeLambert



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

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

STATE OFFICE: Salt Lake City, Utah
SERIAL NO.: ML-39609

and hereby designates

NAME: TXO Production Corp.
ADDRESS: 1800 Lincoln Center Bldg.,
Denver, CO 80264

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 authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

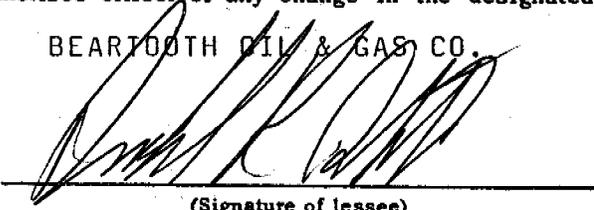
Township 16 South, Range 23 East
Section 2: NW/4
Grand County, Utah

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 authorized officer of any change in the designated operator.

BEARTOOTH OIL & GAS CO.


(Signature of lessee)

Donald K. Roberts, President
525 Petroleum Bldg., Box 2564
Billings, MT 59103
(Address)

May 4, 1984
(Date)

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and thereto does not require OMB approval.

May 16, 1984

TXO Production Corporation
Attn: Terry Blankenship
1800 Lincoln Center Bldg.
Denver, Colorado 80264

RE: Well No. Little Berry State "0" #1
N&E Sec. 2, T. 16S, R. 23E
1248' FHL, 1032' FHL
Grand County, Utah

Gentlemen:

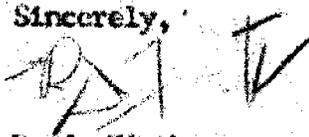
Approval to drill the above referenced gas well is hereby granted in accordance with Order of Cause No. 149-19 dated February 24, 1984.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-6-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31151.

Sincerely,


R. J. Firth
Associate Director, Oil & Gas

RJF/as

cc: State Lands
Branch of Fluid Minerals
Enclosures

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

May 16, 1984

State of Utah
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Spacing Exception
Little Berry State "C" #1
Section 2-T16S-R23E
Grand County, Utah

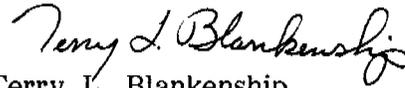
Gentlemen:

TXO Production Corp. requests an administrative spacing exception for the above-referenced well for topographical and geological reasons. The leased area includes all lands 660 feet around the well. The present location was chosen to avoid the rough terrain and remain in the correct geological zone.

If you have any questions please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Terry L. Blankenship
Environmental Scientist

TLB/gbp

RECEIVED

MAY 21 1984

**DIVISION OF OIL
GAS & MINING**



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: TXO PRODUCTION CORPORATION

WELL NAME: LITTLE BERRY STATE "C" #1

SECTION NWNW 2 TOWNSHIP 16S RANGE 23E COUNTY GRAND

DRILLING CONTRACTOR VECO

RIG # 9

SPUDED: DATE 5-29-84

TIME 5:30 PM

How ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY DAVE

TELEPHONE # _____

DATE 5-30-84 SIGNED RJF

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED
JUN 7 1984

**DIVISION OF
OIL, GAS & MINING**

June 1, 1984

STATE OF UTAH
DIVISION OF OIL, GAS, & MINING
4241 State Office Building
Salt Lake City, Utah 84119

RE: Little Berry State "C" #1
Section 2, T16S-R23E
Grand County, Utah

Gentlemen:

Attached please find three (3) copies of a Sundry Report on the above referenced well.

Please contact me at this office if you have any questions about this well.

Sincerely,

TXO PRODUCTION CORP.



M. David Clouatre
Drilling & Production Engineer

Encl.
MDC/tlw

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. MI - 39609
2. NAME OF OPERATOR TXO Production Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1800 Lincoln Center Bldg., Denver, CO 80264		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 1248' FNL & 1032' FWL (NW NW)		8. FARM OR LEASE NAME Little Berry State "C" 9. WELL NO. #1
14. PERMIT NO. 43-019-31151	15. ELEVATIONS (Show whether OF, ST, GR, etc.) 7265' GL, 7279' KB	10. FIELD AND POOL, OR WILDCAT Horse Point 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T16S-R23E 12. COUNTY OR PARISH 13. STATE Grand 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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Spud Well</u> <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.)

The above well was spudded by Veco Drilling, Inc.'s rig #9 on 5-29-84 at 3:30 P.M. A verbal report was given to Ron Firth at the State of Utah's Division of Oil, Gas, & Mining on 3-30-84.

RECEIVED
JUN 7 1984
DIVISION OF
OIL, GAS & MINING

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

SIGNED M. David Cloutre TITLE Drilling & Production Engineer DATE May 30, 1984
M. David Cloutre

(This space for Federal or State office use)

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

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

JUN 27 1984

DIVISION OF OIL
GAS & MINING

June 25, 1984

Ms. Stephanie Barela
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: TXO Production Corp.
Little Berry State #1
SW SW Sec. 2-T16S-R23E
Uintah County, Utah

Dear Ms. Barela:

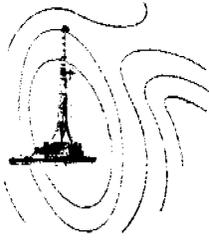
TXO Production Corp. requests that all data, including well logs, on the TXO Little Berry State #1, be kept on a "tight-hole" basis for the standard period of time.

Sincerely,

TXO PRODUCTION CORP.

Ricky J. Taylor
Ricky J. Taylor

RJT/cjd



Clarence L. Harr
Consulting Petroleum Geologist

TXO PRODUCTION CORP.

DENVER, COLORADO

WELL REPORT

LITTLE BERRY STATE "C" NO. 1
NW NW 2-T16S-R23E
GRAND COUNTY, UTAH

July 26, 1984

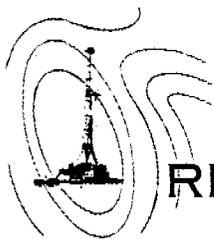
by

CLARENCE L. HARR
CONSULTING PETROLEUM GEOLOGIST

RECEIVED

AUG 16 1984

**DIVISION OF OIL
GAS & MINING**



Clarence L. Harr
Consulting Petroleum Geologist

RESERVOIR EVALUATION

COMPANY TXO PRODUCTION CORP.
WELL Little Berry State "C" No. 1
LOC. 2-16S-23E Grand Co., UTAH

FORMATION Dakota - 1st Sand ZONE NO. 1
ZONE INTERVAL 7454 - 7487

ZONE ANALYSIS

"E" LOG DEPTHS	POROSITY						DRILL TIME
	D	N	S	X-PLOT	RT	%SW	
33 gross ft. 7468	.15	.08		Sh Corr. .12	80	26	ABOVE _____
7472	.14	.09		.115	95	25	MIN. _____
10 net ft. 7476	.165	.075		.13	120	20	PER _____
effective 7480	.11	.095		.09	65	39	FT. _____
porosity 7486	.12	.09		.096	65	37	_____

Rw - .08 @ 165° BELOW _____

TYPE SHOW: STAIN _____ FLUOR. _____ OTS _____ GTS X

SHOW VARIATION: STEADY _____ ERRATIC _____ INCREASING _____ DECREASING X

OIL STAIN: EVEN _____ MOTTLED _____ SPOTTED _____ COLOR _____

LIGHT _____ MODERATE _____ DARK _____ "DEAD" _____

% TOTAL SAMPLE STAIN _____ % PORE VOLUME STAIN _____

FLUORESCENCE: EVEN _____ MOTTLED _____ SPOTTED _____ PINPOINT _____

COLOR _____ BRIGHT _____ PALE _____ DULL _____ FAINT _____

% TOTAL SAMPLE FLUORESCENCE _____ % PORE VOLUME FLOUR. _____

"CUT FLUORESCENCE": FLASH. _____ STREAM. X SLOW X "RESIDUAL" _____

COLOR Yel. BRIGHT _____ PALE X DULL _____ FAINT _____

% TOTAL SAMPLE CUT 40 % PORE VOLUME CUT _____

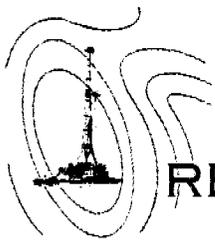
POROSITY: GOOD _____ FAIR X POOR X NONE _____ % EST. _____

DESCRIPTION Ss., wh., clr., f./m.g., ang./subang., wl.srt., wh. cly. coating
on s.gs. - GRS @ 7492 (7482 corr.): 10 ft. flare for 1 min. 45 sec. w. air on (after
air was off for 75 min.).

ZONE EVALUATION: 33 ft. of gross sand saturated with gas, however, there is only
10 ft. of porosity greater than 10%, with only 3 ft. that goes above 13% (shale cor-
rected) porosity. Due to the clay infill, the 1st Sand is a poor reservoir, but
would give low deliverability if fraced and treated.

NOTIFIED: Emily Hundley-Goff DATE 6-16-84 TIME _____

GEOLOGIST: Clarence L. Harr DATE 6-16-84



Clarence L. Harr
Consulting Petroleum Geologist

RESERVOIR EVALUATION

COMPANY TXO PRODUCTION CORP.

WELL Little Berry State "C" No. 1

LOC. 2-16S-23E Grand Co., UTAH

FORMATION Buckhorn ZONE NO. 3

ZONE INTERVAL 7558-7601

ZONE ANALYSIS

"E" LOG DEPTHS		POROSITY						DRILL TIME
		D	N	S	X-PLOT Sh Corr.	RT	%SW	
43 gross ft.	7564	.11	.11	.11	.098	29	54	ABOVE _____
	7568	.14	.11	.13	.118	40	38	MIN. _____
	7574	.15	.13	.14	.131	31	39	PER _____
12 net ft.	7581	.22	.09	.107	.182	70	19	FT. _____
effective	7586	.13	.12	.127	.117	40	38	_____
porosity	7591	.215	.15	.196	.181	11	47	_____

Rw = .08 @ 165°

BELOW _____

TYPE SHOW: STAIN _____ FLUOR. _____ OTS _____ GTS X

SHOW VARIATION: STEADY _____ ERRATIC _____ INCREASING _____ DECREASING _____

OIL STAIN: EVEN _____ MOTTLED _____ SPOTTED _____ COLOR _____

LIGHT _____ MODERATE _____ DARK _____ "DEAD" _____

% TOTAL SAMPLE STAIN _____ % PORE VOLUME STAIN _____

FLUORESCENCE: EVEN _____ MOTTLED _____ SPOTTED _____ PINPOINT _____

COLOR _____ BRIGHT _____ PALE _____ DULL _____ FAINT _____

% TOTAL SAMPLE FLUORESCENCE _____ % PORE VOLUME FLOUR. _____

"CUT FLUORESCENCE": FLASH. _____ STREAM. _____ SLOW X "RESIDUAL" _____

COLOR Yel. BRIGHT _____ PALE X DULL _____ FAINT X

% TOTAL SAMPLE CUT 40 % PORE VOLUME CUT _____

POROSITY: GOOD _____ FAIR X POOR X NONE _____ % EST. _____

DESCRIPTION Ss., wh., clr., f./m.g., w.s. crs. gs., ang./subrnd., lt.gy./dk.gy., rd. cht., mod. to min. wh.cly. coating on gs. - GTS @ 7592 (7582 corr.): Continuous 16 ft. flare while drilling; Incr. to 30 ft. @ 7604 ft. (7594 corr.)

ZONE EVALUATION: 43 ft. of gross sand saturated with gas. There is only 12 ft. of net effective porosity above 13% (shale corrected). If fraced and treated, the Buckhorn would yield gas with low deliverability.

NOTIFIED: Emily Hundley-Goff DATE 6-16-84 TIME _____

GEOLOGIST: Clarence L. Harr DATE 6-16-84



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Scott M. Matheson, Governor
 Temple A. Reynolds, Executive Director
 Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

SEP 11 1984

September 10, 1984

TXO Production Corporation
 1660 Lincoln, Suite # 1800
 Denver, Colorado 80264

*43-017-31151
 1650 238 see #2*

Gentlemen:

Enclosed is a list of wells of which you are listed as the operator. These wells have been inspected in the last couple of months and several problems have been cited on each site. The attached list summarizes the problems noted and the requirements for resolving them.

Please send a Sundry Notice within 30 days of completion of each of the attached requirements. Your prompt attention to these matters will be greatly appreciated.

Respectfully,

William Moore

William Moore
 Oil & Gas Field Specialist

sb
 attachments
 96860-13

Attachment:

Page 2

TXO Production Corporation

September 10, 1984

✓ Little Berry State C-1, Sec. 2, T. 16S, R. 23E, Grand County, Utah, Lease No. ML-39609.

The well lacks legal identification. This is a violation of Rule C-7 Identification, which states that a well shall be identified by a sign posted in a conspicuous place and show the number, operator, the lease name, location by quarter section, township and range, and be legible at a distance of twenty-five (25) feet. Install legal identification. Inspected 7-12-84

Middle Canyon unit 13-3, Sec. 13, T. 16S, R. 23E, Grand County, Utah, Lease No. U-19295.

The well lacks legal identification. This is a violation of Rule C-7 as stated above. Inspected 7-12-84

Nicor Federal #1, Sec. 28, T. 16S, R. 25E, Grand County, Utah, Lease No. U-31807.

The well lacks legal identification, a violation of Rule C-7 as stated above. Inspected 5-3-84

Lauck Federal # 2, Sec. 29, T. 16S, R. 25E, Grand County, Utah, Lease No. U-34033.

The well lack legal identification, a violation of Rule C-7 as stated above. That portion of the reserve pit not needed for future production operations must be filled and rehabilitated. Also, debris from the drilling operations must be cleaned up. Inspected 6-19-84

Bailey Federal # 1, Sec. 9, T. 17S, R. 23E, Grand County, Utah, Lease No. U-41081.

The pit is not of sufficient depth and size to contain both discharge and runoff as indicated by the washed out pit. This is a violation of Rule C-17, Pollution and Surface Damage. Enlarge pit to accomodate discharge and runoff. Inspected 7-11-84

Cisco Springs "A" # 1, Sec. 9, T. 20S, R. 23E, Grand County, Utah, Lease No. U-44440.

The well lacks legal identification, a violation of rule C-7 as stated above. Inspected 4-5-84



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 21, 1984

TXO Production Corporation
1660 Lincoln, Suite 1800
Denver, Colorado 80264

Gentlemen:

Re: Well No. Little Berry State "C" #1 - Sec. 2, T. 16S.
R. 23E. - Grand County, Utah - API #43-019-31151

Our records indicate that you have not filed the monthly drilling reports for the months of May 1984 to the present on the above referred to well.

Rule C-22 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

Where the well is in the process of being drilled, said report must be made for each calendar month, beginning with the month in which drilling operations were initiated and must be filed on or before the sixteenth (16) day of the succeeding month.

We have enclosed forms for your convenience in complying with the aforementioned rule.

Thank you for your prompt attention to the above matter.

Sincerely,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones
Well Records Specialist

clj
Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
00000003-16

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

October 3, 1984

CONFIDENTIAL

STATE OF UTAH
Natural Resources & Energy
Oil, Gas, & Mining
4241 State Office Building
Salt Lake City, Utah 84114

RECEIVED

OCT 05 1984

**DIVISION OF OIL
GAS & MINING**

Attn: Ms. Claudia Jones
Well Records Specialist

RE: Little Berry State "C" #1
Section 2, T16S-R23E
Grand County, Utah

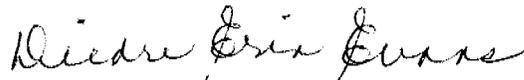
Dear Ms. Jones:

Pursuant to your letter dated September 21, 1984, please find enclosed three (3) copies of Form OGC-1b, "Sundry Notices and Reports on Wells", for the above referenced well. Also find enclosed a copy of the well history.

If there are any further requirements concerning this well, please contact me at this office.

Sincerely,

TXO PRODUCTION CORP.



Diedre Erin Evans
Engineering Secretary

DEE
encl.



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR TXO PRODUCTION CORP.</p> <p>3. ADDRESS OF OPERATOR 1800 Lincoln Cntr. Bldg., Denver, Colo. 80264</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1248' FNL & 1032' FWL (NWNW)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. M-39609</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Little Berry State "C"</p> <p>9. WELL NO. #1</p> <p>10. FIELD AND POOL, OR WILDCAT Horse Point</p> <p>11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Sec. 2, T16S-R23E</p> <p>12. COUNTY OR PARISH 13. STATE Grand Utah</p>
<p>14. PERMIT NO. 43-019-31151</p>	<p>15. ELEVATIONS (Show whether OF, TO, OR, etc.) 7265' GL - 7279' KB</p>	

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"/>	FULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other) Rule C-22 - drilling reports			<input checked="" 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.)

See attached drilling reports.

RECEIVED

OCT 05 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED Wendy Lynn Evans TITLE Engineering Secretary DATE Oct. 3, 1984

(This space for Federal or State office use)

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

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

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. ML-39609

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- - -

7. UNIT AGREEMENT NAME
- - -

8. FARM OR LEASE NAME
Little Berry State "C"

9. WELL NO.
#1

10. FIELD AND POOL, OR WILDCAT
Horse Point

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 2-T16S-R23E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
TXO Production Corp. Attn: C.K. Curlee

3. ADDRESS OF OPERATOR
1800 Lincoln Center Building, Denver, Colorado 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1248' FNL, 1032' FSL, Sec. 2-T16S-R23E

14. PERMIT NO.
43-019-31151

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7173' GR

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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Correction of Wellsite Problem</u> <input checked="" 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.) *

Problem per your September 10, 1984 letter: Proper Identification.

Well is shut-in pending further evaluation. Permanent well sign with proper legal identification is on order and will be placed on location by November 15, 1984.

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

SIGNED C.K. Curlee TITLE Environmental Manager DATE 10/12/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back a directional well.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

OCT 17 1984

DIVISION OF OIL
GAS & MINING

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-39609
2. NAME OF OPERATOR TXO Production Corp. Attn: C.K. Curlee		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
3. ADDRESS OF OPERATOR 1800 Lincoln Center Building, Denver, 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 1248' FNL, 1032' FSL, Sec. 2-T16S-R23E		8. FARM OR LEASE NAME Little Berry State "C"
14. PERMIT NO. 43-019-31151		9. WELL NO. #1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7173' GR		10. FIELD AND POOL, OR WILDCAT Horse Point
		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA Section 2-T16S-R23E
		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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Correction of Wellsite Problem <input checked="" 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.)*

Problem per your September 10, 1984 letter: Proper Identification.

Well is shut-in pending further evaluation. Permanent well sign with proper legal identification is on order and will be placed on location by November 15, 1984.

18. I hereby certify that the foregoing is true and correct
SIGNED Charles K. Curlee TITLE Environmental Manager DATE 10/12/84
C.K. Curlee

(This space for Federal or State office use)

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



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 13, 1985

CONFIDENTIAL

TXO Production Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

Attention: C.K. Curlee

Gentlemen:

Re: Well No. Little Berry State "C" #1 - Sec. 2, T. 16S., R. 23E
Grand County, Utah - API #43-019-31151

This letter is to advise you that the "Well Completion or Recompletion Report and Log" for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, and forward it to this office as soon as possible, but not later than April 13, 1985.

Sincerely,

A handwritten signature in black ink that reads "Pam Kenna". The signature is written in a cursive, flowing style.

Pam Kenna
Production Specialist

Enclosure

CC: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
00123S/7

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

APR 15 1985

DIVISION OF OIL
GAS & MINING

April 10, 1985

STATE OF UTAH
Natural Resources
Oil, Gas, & Mining
355 W. North Temple, Ste. 350
3 Triad Center
Salt Lake City, Utah 84180-1203

Attn: Pam Kenna
Production Specialist

RE: LITTLE BERRY STATE "C" #1
Section 2, T16S-R23E
Grand County, Utah

Dear Ms. Kenna:

Enclosed please find Form OGC-3, "Well Completion or
Recompletion Report and Log" for the above referenced well
as per your request.

Sincerely,

TXO PRODUCTION CORP.

Mark E. Repasky

Mark E. Repasky
Petroleum Engineer

MER/dee
encl.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

56 64 01

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

1b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
TXO PRODUCTION CORP.

3. ADDRESS OF OPERATOR
1800 Lincoln Center Bldg., Denver, Colorado 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1248' FNL & 1032' FWL NW NW
At top prod. interval reported below same as above.
At total depth same as above.

14. PERMIT NO. 43-019-21151 DATE ISSUED 15-16-84

5. LEASE DESIGNATION AND SERIAL NO.
ML-39609

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Little Berry State

9. WELL NO.
"C" #1

10. FIELD AND POOL, OR WILDCAT
Horse Point *Indesignated*

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 2, T16S-R23E

12. COUNTY OR PARISH Grand 13. STATE Utah

15. DATE SPUDDED 5/29/84 16. DATE T.D. REACHED 6/17/84 17. DATE COMPL. (Ready to prod.) N/A 9-9-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7265' GL - 7279' KB 19. ELEV. CASINGHEAD 7265'

20. TOTAL DEPTH, MD & TVD 7664' MD & TVD 21. PLUG, BACK T.D., MD & TVD 7637' MD&TVD 22. IF MULTIPLE COMPL. HOW MANY* N/A 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* N/A 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN SNL-FDC, DIL-GR-Caliper *sample* 27. WAS WELL CORED NO

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	505'	12-1/4"	255 SXS	none
7"	20# 23#	4088'	8-3/4"	175 SXS	none
4-1/2"	11.6#	7663'	6-1/4"	130 SXS	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
7564-7594' - Buckhorn - .36" dia, 31 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7564-7594'	2500 gals 10% HCL, 29,800 gals gel, 80,600# 20/40 sd, 44.5 tons CO2.

33. PRODUCTION

DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) N/A WELL STATUS (Producing or shut-in) ~~ST. NO P & A~~

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRES.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Mark E. Repasky* TITLE Petroleum Engineer DATE April 10, 1985

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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 agency. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 1: 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 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments items 22 and 24. If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COBED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURE, AND RECOVERIES		38.		GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Buckhorn	7558'	7601'	water.	1st Dakota Buckhorn Morrison	7454' 7558' 7601'	7454' 7558' 7601'

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

APR 29 1985

DIVISION OF OIL
GAS & MINING

April 26, 1985

STATE OF UTAH
Natural Resources
Oil, Gas, & Mining
355 W. North Temple, Ste. 350
3 Triad Center
Salt Lake City, Utah 84180-1203

CONFIDENTIAL

RE: LITTLE BERRY STATE "C" #1
Section 2, T16S-R23E
Grand County, Utah

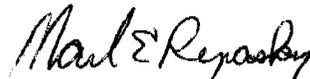
Gentlemen:

Please find enclosed three (3) copies of Form 9-331, "Sundry Notices and Reports on Wells", requesting approval to plug and abandon the above referenced well. This work will be performed as soon as approval is received.

If there are any further questions concerning this request, please contact me at this office.

Sincerely,

TXO PRODUCTION CORP.



Mark E. Repasky
Petroleum Engineer

303-861-4246

MER/dee
encls.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML-39609

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Little Berry State

9. WELL NO.
"C" #1

10. FIELD AND POOL, OR WILDCAT
Horse Point

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 2, T16S-R23E

12. COUNTY OR PARISH 18. STATE
Grand 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.)

RECEIVED
APR 29 1985

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
TXO PRODUCTION CORP.

3. ADDRESS OF OPERATOR
1800 Lincoln Center Building, Denver, Colorado 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1248' FNL & 1032' FWL, Section 2.

14. PERMIT NO. 15. ELEVATIONS (Show whether DP, RT, OR, etc.)
7279' KB

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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(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.)*

Operator requests approval to P & A the above well due to uneconomical production as follows:

- 1.) Fill hole w/ water.
- 2.) Set CIBP @ 7400'. Dump bail 2 sxs cmt on top.
- 3.) Free point 4-1/2" production csg. Cut off & POOH.
- 4.) Set 30 sxs cmt plug 100 in/out of 4-1/2" csg stub.
- 5.) Free point 7" intermediate csg. Cut off & POOH.
- 6.) Set 60 sxs cmt plug 100 in/out of 7" csg stub.
- 7.) Set 75 sxs cmt plug 400-600' (100' in/out 9-5/8" surf csg).
- 8.) Set 10 sxs cmt plug @ surface.
- 9.) Install dry hole marker.
- 10.) Re-hab location.

Plugging operations will commence when approval is received.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5/1/85
BY: [Signature]

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

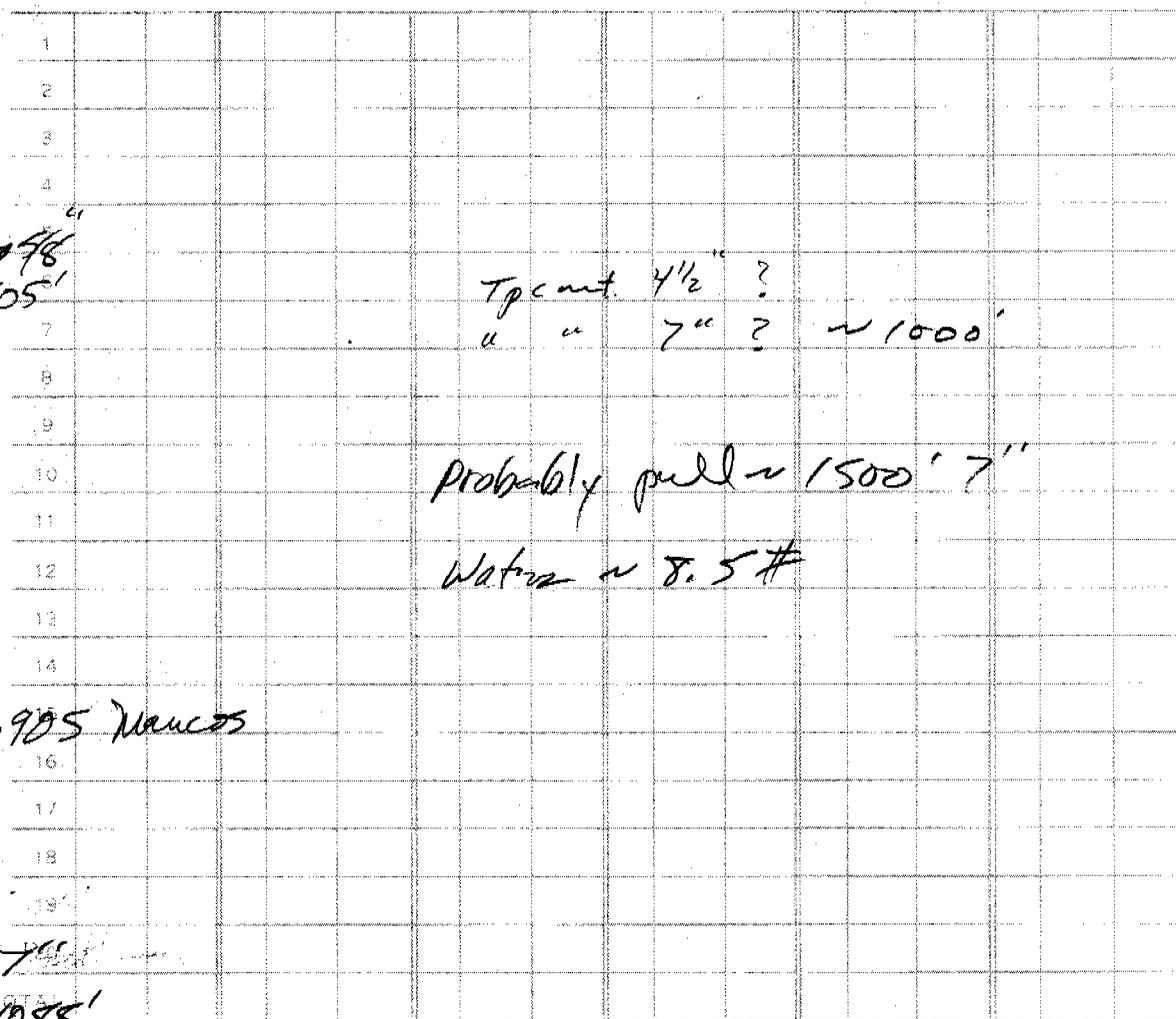
SIGNED [Signature] TITLE Petroleum Engineer DATE 4/26/85

(This space for Federal or State office use)

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

THINK IT OUT! WRITE IT OUT!

DATE 5/1/85 WELL NO. Little Barry State C#1 LEASE _____ FIELD _____



7400'
 4088'
 7569-7594
 Buckhorn
 4 1/2"
 going to cut off 4 1/2" and 7" and POOH
 plug @ Stubs

Not to scale

TUBING SIZE AND CAPACITY

SIZE	WEIGHT (LB/FT)	ID	BBL/FT
1.900	2.90	1.610	.0025
2.063	3.25	1.751	.0030
2.375	4.70	1.995	.0039
2.875	6.40	2.441	.0058
2.875	8.60	2.259	.0050
3.500	9.30	2.992	.0087
3.500	10.20	2.922	.0083
3.500	12.95	2.750	.0074
4.500	12.75	3.958	.0152

CASING SIZE AND CAPACITY

OD	WEIGHT (LB/FT)	ID	BBL/FT
4 1/2	9.50	4.090	0.0162
4 1/2	10.50	4.052	0.0159
4 1/2	11.60	4.000	0.0155
4 1/2	12.60	3.958	0.0152
4 1/2	13.50	3.920	0.0149
4 1/2	15.10	3.826	0.0142
5	15.00	4.408	0.0189
5	18.00	4.276	0.0178
5	21.00	4.154	0.0168
5 1/2	14.00	5.012	0.0244
5 1/2	15.50	4.950	0.0238



TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

July 8, 1985

JUL 12 1985

DIVISION OF OIL
GAS & MINING

STATE OF UTAH
Department of Natural Resources
Division of Oil, Gas, and Mining
355 West North Temple
Salt Lake City, Utah 84180

RE: Little Berry State "C" #1
Section 2, T16S-R23E
Grand County, Utah

Gentlemen:

Please find enclosed three (3) copies of Form OGC-1B, "Sundry Notices and Reports on Wells" and three (3) copies of Form OGC-3, "Well Completion or Recompletion Report and Log", notifying you of the plugging of the above referenced well. The logs were forwarded by the logging company at the time of initial completion and a complete well history is attached.

If you require anything further, please contact me at the above number.

Sincerely,

TXO Production Corp.



Matthew C. Holdeman
Petroleum Engineer

MCH/sam

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.	ML-39609
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	-----
7. UNIT AGREEMENT NAME	-----
8. FARM OR LEASE NAME	Little Berry State
9. WELL NO.	"C" #1
10. FIELD AND POOL, OR WILDCAT	Horse Point
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 2, T16S-R23E
12. COUNTY OR PARISH	Grand
13. STATE	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.)

RECEIVED

JUL 12 1985

DIVISION OF OIL
GAS & MINING

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
2. NAME OF OPERATOR TXO Production Corp.
3. ADDRESS OF OPERATOR 1800 Lincoln Center Bldg., Denver, Colorado 80264
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1248' FNL & 1032' FWL, Section 2, T16S-R23E
14. PERMIT NO. 43-019-31151
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7279' KB

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) _____	(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.) *

TXO Production Corp. plugged and abandoned the Little Berry State "C" #1 on 5/16/85 due to uneconomic productoin from the Buckhorn formation. The 4½", CSG was cut off @ 6200' and pulled and the 7" CSG was cut off @ 1500' and pulled. Plugs were set as follows: CIBP w/2 sxs cmt @ 7400'; 6100'-6300' w/30 sxs; 1400'-1600' w/60 sxs; 400'-600' w/75 sxs; and 25 sxs @ surface. Dry hole marker was installed and location cleaned up. Rehabilitation will start as soon as possible.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7/16/85
BY: John R. Bury

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

SIGNED Matthew C. Holdeman TITLE Petroleum Engineer DATE 7/8/85

Matthew C. Holdeman

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: Little Berry State "C" #1 PTD: 7800'
 AREA: Fence Canyon ELEVATIONS: 7279' KB,
 LOCATION: Section 2, T16S-R23E CONTRACTOR: Veco #9
 COUNTY: Grand AFE NUMBER: 842073
 STATE: Utah LSE NUMBER: 74044
 FOOTAGE: 1248' FNL & 1032' FWL TXO WI: 56.25%

RECEIVED

JUL 12 1985

DIVISION OF OIL
GAS & MINING

- *****
- 11/28/84 FTP 0#. SICIP 650#. MIRU Monument. Run paraffin knife to 5000'. CP didn't fall. LWOTP. DW: 2000. CW: 535,265.
- 11/29/84 7637' PBTB, SICIP 700#, FTP 0#. Well blowing lightly TSTM. TIH w/ paraffin knife. Knife tbg to 7400'. TIH w/ swab cup. Tag fluid @ 3700'. Made 10 runs. Well flowed after first 3 runs w/ heavy mist. CP dropped 30# each run. FFL @ SSN (7400'). Fluid entry rate 2 BPH. Light blow after each run. CP stable @ 380#. Tr sd on cups. LWOTP. SDFN. BLWTBR 120. DW: 1600. CW: 536,865.
- 11/30/84 7637' PBTB, well blowing lightly TSTM. FTP 0#, SICIP 675#. TIH w/ paraffin knife to 4000'. Tbg clean. TIH w/ swab. IFL 4000'. Made 4 swab runs. Fluid is gas cut w/ tr oil. Well flowed for 5 min after each run & died. FL @ 6800'. CP 280#. Made 16 runs total. Rec'd 23 BF. 22 BLW, 1 BO. Final entry rate 1.25 BPH. FL steady @ 7200'. CP 240#. Light blow after each run TSTM. SWI. RR @ 3 PM 11/29/84. DW: 2800. CW: 539,665.
- 12/01/84 7637' PBTB, WOO. Drop from report until further activity. DW: 0. CW: 539,665.

P & A

- 05/14/85 7637' PBTB, MIRUWSU. SITP 1200#, SICIP 1200#. Blow well dn. ND tree. TOOH w/ tbg. Well blowing all the way out of hole. NU tree. Install 3/4" orifice plate. LWFTP. This AM FCP 12#. Press dropped 1#/hr. DW: 2350. CW: 542,015.
- 05/15/85 7637' PBTB, ND tree. ND "B" section. Weld on 4-1/2" stub. Pull slips. Load hole w/ wtr. Set CIBP @ 7400'. Dump bail 2 sxs cmt on top of CIBP. Free pt & cut off 4-1/2" csg @ 6200'. TOOH & LD csg. SDFN. DW: 6350. CW: 548,455.
- 05/16/85 7637' PBTB, fin TOOH & LD 4-1/2" csg. Free pt & cut off 7" csg @ 1500'. TOOH & LD 7" csg. TIH w/ 2-3/8" tbg to 6300'. Set plug #1 from 6100-6300' w/ 30 sxs. POOH & LD tbg. SDFN. DW: 7146. CW: 555,601.
- 05/17/85 7637' PBTB, set plug #2 @ 1400-1600' w/ 60 sxs. Set plug #3 @ 400-600' w/ 75 sxs. Set plug #4 @ surf w/ 25 sxs. Installed dry hole marker. RR @ 12 noon 5/16/85. Pipe straps: 149 jts 4-1/2", 11.6# (6182'), 50 jts 7", 20# (1447'), 240 jts 2-3/8", 4.7# (7569'). Well is P & A. FINAL REPORT!!! DW: 6437. CW: 562,038.

WELL NAME: Little Berry State "C" #1
AREA: Fence Canyon
LOCATION: Section 2, T16S-R23E
COUNTY: Grand
STATE: Utah
FOOTAGE: 1248' FNL & 1032' FWL

PTD: 7800'
ELEVATIONS: 7279' KB, 8265' CL
CONTRACTOR: Veco #9
AFE NUMBER: 842073
LSE NUMBER: 74044
TXO WI: 56.25%

RECEIVED

JUL 12 1985

*****WASATCH OIL
GAS & MINING

07/04/84 7637' PBTB, flowed 18 BLW overnight. 6' flare orange tint, 0# TP, 380# SICP on 48/64" ch. RU swb. IFL 4700'. Well unloaded after 1 run, FTP 50#, SICP 340# on 48/64" ch. Well died in 20 min. Made 10 swb runs, total swbd 27 BLW, total rec'd 45 BLW. FFL 7000'. SWI. RD & rel rig after 20 mins shut in pressures were 400# SITP & 480# SICP. Well was flowing between runs 5-8 mins. Drop from report pending further evaluation. DW: 1743. CW: 520,031.

07/10/84 7637' PBTB, SITP 1190#, SICP 1205#. Opened well to pit on 48/64" ch. In 1 hr FTP was 170#. Well began to stabilize after 2 hrs @ 90# FTP. LWOTP on 48/64" ch. FTP 90#, SICP 110#. This AM FTP 20-80#, SICP 310#. Well is slugging fluid. Rec 20 BLW. BLWTBR 218. DW: 0. CW: 520,031.

07/11/84 7637' PBTB, well flowing on 48/64" ch. FTP stabilized @ 20#, SICP 380#. Well making dry gas. SITP 100#, SICP 400#. 30 min SITP 480#, SICP 550#. 75 min SITP 920#, SICP 930#. 0 BLW rec. BLWTBR 218. SWI for PBU. Drop from report until further activity. DW: 0. CW: 520,031.

08/30/84 7637' PBTB, SITP 825#, SICP 1210#. Open well through tree cap. Well blew paraffin chunks after 3 hrs. FTP 0#. SICP 150#. MIRUWSU. ND tree. PU 3 jts 2-3/8" tbg. Tag fill @ 7588' (6' above btm perf). LD 1 jt tbg. Land tbg @ 7560'. 4' above top perf. NU tree & flowline. SITP 200#, SICP 225# after 1 hr. Open well to pit on full 2" unloaded paraffin chunks & heavy mist for 35 mins. Well died FTP 0#, SICP 225#. RU swab. RIH w/ swab. IFL 4300'. Made 4 swab runs. Rec 22 BF (wtr & paraffin chunks). Swabbed FL dn to 5500' & remained for 3 runs. On 4th swab run well KO'd. FTP 10#, SICP 520# for 30 mins. RU orifice tester. Flowed well for 1-3/4 hrs on 1-1/2" plate. FTP 10#, SICP 400#. Well not stable. Flowing heavy mist. No paraffin. Tr sd. Left well flowing overnight. SDFN. This AM well died in 4 hrs. Will unload every 2 hrs for 15 min @ FTP of 6#. DW: 1738. CW: 521,769.

08/31/84 7637' PBTB, well unloaded for 30 min. SICP 700#, FTP 6# on 1-1/2" plate. SICP dropped to 450# & died. Made 2 swab runs. IFL 5500'. After each run well flowed 20 mins. SICP 400#. Lost mandrels on 3rd swab while going in hole. Fishing on mandrel. SDFN. DW: 850. CW: 522,619.

09/01/84 7637' PBTB, SITP 0#, SICP 850#. ND tree. NU stripper head. POOH w/ tbg. Retrieve fish @ SSN @ 7527'. TIH w/ tbg. Land tbg @ 7560'. ND stripper head. NU tree. RU swab. TIH w/ swab. Couldn't get past 3000'. RIH w/ sinker bar. Tag up SSN. RIH s/ swab. IFL 5000'. Made total 11 swab runs. Rec 33 BLW. FFL 6000'. FTP 0#, SICP 285#. Fluid entry rate 6 BPH. RD swab. RU Dowell. Pump 10 bbls 150°F 2% KCL wtr dn backside, 24 bbls P121 paraffin solvent, 89 bbls 150°F 2% KCL wtr. Brk circ @ end of flush. SI annulus. RU Dowell to tbg. Pump 25 bbls 150°F 2% KCL wtr. Press brk @ 800#. Dropped slowly to 600#. Then brk to 0#. AIR 3 BPM. RD Dowell. SWI. SDFN. DW: 6230. CW: 530,149.

09/05/84 SITP 440#, SICP 550#. Blew well dn. IFL @ 1300'. Made 17 swab runs. Well would KO & flow for 15 mins then die down. FL ave 5500', mostly scattered. Rec 138 BW total. Left well flowing to pit on 1-1/2" orifice, medium mist. FTP 5#. Occasional slugs of wtr. SICP 325#. This AM FTP 0#, SICP 850#. IFL 2300'. Pulled from 5300'. Well began flowing w/ heavy mist. DW: 1716. CW: 531,865.

09/06/84 SICP 850#, FTP 0#. Well dead this AM. IFL 2300'. Made 11 swab runs. Rec 68 BW. FFL 5500'. Last SICP 300#. Well would blow for 15 mins after each run w/ heavy mist. SWI. RR @ 2:30 PM 9/5/84.

WELL NAME: Little Berry State "C" #1 PTD: 7800'
 AREA: Fence Canyon ELEVATIONS: 7279' KB,
 LOCATION: Section 2, T16S-R23E CONTRACTOR: Veco #9
 COUNTY: Grand AFE NUMBER: 842073
 STATE: Utah LSE NUMBER: 74044
 FOOTAGE: 1248' FNL & 1032' FWL TXO WI: 56.25%

RECEIVED

JUL 12 1985

DIVISION OF OIL
GAS & MINING

- *****
- 06/25/84 7637' PBTB, SDFS. DW: 0. CW: 499,863.
- 06/26/84 7637' PBTB, SITP 0#, SICP 100#. Well didn't unload over weekend. RU swab. Made 12 runs. Swab to pit. IFL @ 5900'. FFL 7200'. Rec approx 60 bbls. Wait 1/2 hr between last two runs. Gas to surf, 2' lazy flare, 60# CP. Blow dn csg. ND tree. Install 4' blast jt. NU tree. NU Smith. Frac Buckhorn w/ 29,770 gals gel & 80,600# 20/40 sd, 44.5 tons CO₂. AIR 20 BPM @ 3670#. MTP 4300#. ISIP 1900#, 15 min 1100#. SI well for 4 hrs. Opened well @ 7:20 PM on 1/2" tapped bull plug w/ 680# SICP & 550# FTP. 8:05 PM well dead. LWOTPON w/ recorder. Rec approx 30 bbls. BLWTBR 1023. DW: 51,864. CW: 501,727.
- 06/27/84 7637' PBTB, well began unloading last night @ 8:30 PM. Rec approx 50 bbls overnight. This AM well slugging fluid. FTP 25#. SICP 650#. Blow well dn. ND swab. ND 5000# tbg head & tree. Tag sd w/ tbg @ 7594' (btm perf). LD 4' blast jt. Land tbg intake @ 7497', SSN @ 7464'. NU 3000# tree. RU swab. Swab to pit. Make 18 runs. IFL 2000'. FFL 4000'. Pulling CO₂ gas cut fluid. Rec approx 120 bbls. No show burnable gas. Left well open to tank on 3/4" ch w/ 440# SICP. Light blow on tbg. TSTM. BLWTBR 844. DW: 3445. CW: 505,172.
- 06/28/84 7637' PBTB, 0# TP, 580# SICP. No fluid recovered overnight. Made 14 swab runs to tank. IFL 3800'. FFL 6200'. Beginning @ 10th swab run dropped six soap sticks intermittently. Rec approx 80 BLW. Well began flowing w/ 640# SICP. Install 3/4" ch. FTP 10#. Left well flowing to tank. Flowed 1 hr. Rec 3 BLW. SDFN. BLWTBR 761. DW: 2000. CW: 507,172.
- 06/29/84 7637' PBTB, well unloaded 5 BLW overnight. This AM 0# TP, 770# SICP. Swab & flow well intermittently. Drop six sticks. Cont swabbing & flowing well. IFL @ 3900'. FFL est 3700' (gas cut). Well unloading while swabbing. Set up 55 gal soap injection system on annulus for injection of 15 gal/day. SDFN. Drop 8 soap sticks. Left well open to tank on 32/64" ch w/ 0# TP. 480# CP. Total swab 107 bbls. Total flow 15 bbls. BLWTBR 634. Show of burnable gas. DW: 2570. CW: 509,742.
- 06/30/84 7637' PBTB, this AM 0# TP, 640# SICP on 32/64" ch. Rec 1/2 bbl overnight. Begin swab & flow intermittently to pit. IFL @ 3300'. After 10 runs show of soap & foam in swab. Flowed gas cut for 1-1/2 hrs. Made a total of 15 runs. FFL 2900'. Rec 99 BLW. Dropped 8 soap sticks. Left well open to flat tank on 32/64" ch overnight. SDFN. Pressures @ end of day, SICP 400#, FTP 15#. DW: 1970. CW: 511,712.
- 07/01/84 7637' PBTB, rec 3-1/4 BLW overnight. IFL 1850'. Made 16 swab runs. Swabbed approx 88 BLW. Well flowed between swab runs. Rec approx 12 bbls. Total rec 103 BLW. FFL 3600'. TP 0#, SICP 380#. Dropped 8 soap sticks. Left well open to tank on 32/64" ch. SDFN. DW: 1900. CW: 513,612.
- 07/02/84 7637' PBTB, this AM had 0# TP & 460# SICP. Flowed 38 BLW overnight. IFL 1200'. Made 13 swab runs. Rec 60 BLW. Total rec 98 BLW. FFL 7200'. FTP 0#, SICP 220#. Dropped 8 soap sticks. Left well open to tank on 32/64" ch. Well making 8-10' orange flare @ end of day. SDFN. BLWTBR 334. DW: 2750. CW: 516,362.
- 07/03/84 7637' PBTB, this AM SITP 520#, SICP 6-8' flare on 32/64" ch. 13 BLW flowed overnight. RU swab. IFL 3300'. Made 17 swab runs. Rec 38 BLW. Total BLW rec 51. FFL 7125'. 0# TP, 205# SICP. Dropped 8 soap sticks. RD swab. Left well open to flat tank on 48/64" ch. Well began surging then died. BLWTBR 283. DW: 1926. CW: 518,288.

WELL NAME:	Little Berry State "C" #1	PTD:	7800'
AREA:	Fence Canyon	ELEVATIONS:	7279' KB, 7265' GL
LOCATION:	Section 2, T16S-R23E	CONTRACTOR:	Veco #9
COUNTY:	Grand	AFE NUMBER:	842073
STATE:	Utah	LSE NUMBER:	74044
FOOTAGE:	1248' FNL & 1032' FWL	TXO WI:	56.25%

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*****~~JUN 12 1985~~*****

- 06/14/84 6536' (636'), drlg ahead w/ air dust @ 200#. Mancos. Drld ahead w/ 5900-6536' w/ 6-1/4" bit w/ light WOB for deviation control. 5912', 4-1/2° @ 6067', 4-3/4° @ 6222', 4-3/4° @ 6371'. DW: 13,855. CW: 263,740. DD 16.
- 06/15/84 7002' (466'), drlg. Air dust 190#. Lower Mancos. TOOH w/ bit #5. LD square collar. TIH slick. Drlg ahead w/ 10,000# WOB. Sample tops: Top of Mancos "B" 4451', Base 5185'. 5° @ 6655', 4-1/4° @ 6965'. DW: 10,591. CW: 274,331. DD 17.
- 06/16/84 7670' (668'), TOOH for logs. Morrison. Drld ahead. Change out rubber in rotating head. At 7592' begin sustained flare of 16' w/ compressor. Incr to 30' @ 7604'. Drld ahead to 7670' w/ air dust. At 2 AM 6/16/84 blow hole clean. Test 1 hr @ 72# on 1/4# orifice (still building slightly). FARO 120 MCFD. Blow hole clean. Begin TOOH for logs. ST: Dakota Silt 7384', 1st Dakota 7466', Buckhorn 7567', Morrison 7621'. 4-1/4° @ 6965', 4-1/2° @ 7275', 4-1/2° @ 7492'. DW: 15,920. CW: 290,251. DD 18.
- 06/17/84 7664' (0'), running 4-1/2", 11.6# csg. Morrison. Fin TOOH for logs. Tally out. TD 7664' corrected. LTD 7662'. Run SNL-FDC, DIL-GR-CAL. RD loggers. TIH. Circ. WOO. TOOH & LD DP & DC's. PU 4-1/2", 11.6#, N-80 csg. Run 4-1/2" csg. DW: 17,425. CW: 307,676. DD 19.
- 06/18/84 7664' (0'), RDRT. Morrison. 8.9, 50, 8.4, 9. Fin TIH w/ 4-1/2" csg. Ran 187 jts 4-1/2", 11.6#, N-80, LT&C csg landed @ 7663'. Tag @ 7664', no fill. Brk circ w/ air. Cmtd as follows: 125 BM, 10 BM flush, 10 bbls KCL wtr spacer followed by 130 sxs Cl "G" cmt w/ 5% KCL, 2% gel, 1/4#/sx celloflake. Dspl w/ 116 bbls 3% KCL wtr. PD @ 11:45 AM 6/17/84. BP w/ 800#. Float held. Calc cmt top 6400'. ND BOP's. Cut off. Set slips. RR @ 1 PM 6/17/84. Log tops: First Dakota 7454', Buckhorn 7558', Morrison 7601'. WOCU. Drop from report until completion begins. DW: 81,104. CW: 388,780. DD 20.
- 06/22/84 7637' PBTB, MIRUCU. NU tbg head. Unload tbg. PU & strap in hole w/ 2-3/8" tbg, 3-7/8" bit, 4-1/2" csg scraper, SSN. Tag up @ 7637'. NU BOP. Mix & reverse 80 bbls w/ 3% KCL w/ 1 gal/M surfactant. PT csg & pipe rams to 3500#. Held 10 min, OK. Swabbed well dn to 3000'. TOOH to 5000'. SDFN. DW: 41,029. CW: 429,809.
- 06/23/84 7637' PBTB, Fin TOOH w/ tbg & scraper. RU WL. Ran CCL from PBTB - 7200'. Perf'd 7564"-94' 1 JSPF. Total 31 holes .36" dia. RDWL no reaction. IFL 3725 same after perf. TIH w/ model R-3 pkr & SSN. Set pkr @ 7494'. Load & test annulus 1000 psi - ok. Swab'd tbg dry in 3 runs. Last run well making 5' lazy flare. RU Western. Acidize as follows: 12 bbls acid w/ additives. Began dropping 6 bbls/ 4 bbls to 36 bbls. Drop 2 balls/ 2 bbls to total 58 bbls. Drop 6 balls at final 2 bbls. Total 60 bbls and 70 balls. Begin flush to 16 bbls. Balled off to 6000 psi. Surge & ball off to 6000 psi. SWI. RD Western. Total fld 74 bbls. BLWTR 74. 56,000 SCF N2. AIR 7.9 BPM @ 4200 psi. MTP 6000 psi. Open well in 15 min. Flow'd 1/2 hr. Well died. RU swab. Swab to pit 6 runs. Rec'd 40 BF. LWOPTON. Blowing slightly. SDFN. 34 BLWTR. DW: 14,956. CW: 444,765.
- 06/24/84 7637' PBTB, SITP 0 psi. Well blowing lightly TSTM. Rel pkr. Wipe balls w/ 3 trips. TOOH. ND BOP. ND tbg head. Install 10" 3 x 6" 5 tbg head. TIH w/ notched collar, 1 jt tbg, SSN, rest of tbg. Tbg landed @ 7501'. W/O blast jst. Will not thread up correctly in tree. Will install before frac. RU swab. Swab well to pit 6 runs. IFL 3000', FFL 4900'. Rec'd 40 bbls. BLWTR 69. Last run csg on vacuum. Tbg on vacuum after swab. LWOTP. Install recorder. SDFS. DW: 5098. CW: 449,863.

WELL NAME:	Little Berry State "C" #1	PTD:	7800'
AREA:	Fence Canyon	ELEVATIONS:	7279' KB, 7265' GL
LOCATION:	Section 2, T16S-R23E	CONTRACTOR:	Veco #9
COUNTY:	Grand	AFE NUMBER:	842073
STATE:	Utah	LSE NUMBER:	74044
FOOTAGE:	1248' FNL & 1032' FWL	TXO WI:	56.25%

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- *****
 DIVISION OF OIL
 GAS & MINING
- 06/03/84 200 sxs 50/50 poz w/ 2% gel, 2% CaCl₂, 4#/sx coalite, 1/4#/sx
 cont. celloflake, tailed by 55 sxs Cl "G" w/ 2% CaCl₂. PD @ 5:15 AM 6/3/84.
 BP @ 750#. Float held. Full returns throughout. Little cmt in
 returns. RU & pump 13 bbls Cl "G" cmt w/ 4% CaCl₂ dn 20' of 1" pipe.
 DW: 33,440. CW: 67,265. DD 5.
- 06/04/84 664' (149'), drlg. Green River. Air dust 100#. WOC. Cut off csg @
 10 AM. Weld on csg head. NU BOP. Test to 1000#. RIH w/ collars.
 Drill cmt & shoe. Dry up hole. Drill ahead. DW: 4519. CW:
 71,784. DD 6.
- 06/05/84 1934' (1270'), drlg. Green River. KCL mud mist 350#. Drill ahead.
 Hole got wet @ 1100'. Went to air mist. Went to mud mist. 1-1/2° @
 815', 1° @ 1123', 3/4° @ 1433', 1/4° @ 1739'. DW: 25,928. CW:
 97,712. DD 7.
- 06/06/84 2664' (730'), survey. Green River. 8.8, 48, 9.2, 9. Drill to 2511'.
 Pit became full of wtr. TOOH w/ 3 stnds. Mud up w/ 300 BM w/ 20%
 LCM. Bridge @ 2475'. Wash & ream. Drill ahead. 1/4° @ 2048', 1/2°
 @ 2357', 1/4° @ 2664'. DW: 17,011. CW: 114,723. DD 8.
- 06/07/84 3070' (406'), drlg. Green River. 8.9, 41, 8.8, 8.5. Drill ahead.
 1° @ 2973'. DW: 10,092. CW: 124,815. DD 9.
- 06/08/84 3352' (282'), drlg. Green River. 8.9, 42, 8.4, 9. Drill to 3156'.
 TFB #4. Had some tight hole on TOOH. Had some bridges on TIH. 1° @
 3280'. DW: 9212. CW: 134,027. DD 10.
- 06/09/84 3840' (488'), drlg. Castlegate. 9, 41, 8, 9. Drld 8-3/4" hole to
 3840'. Drlg ahead. Sample tops: Bucktongue @ 3470', Castlegate @
 3720'. DW: 11,474. CW: 145,501. DD 11.
- 06/10/84 4113' (273'), work tight hole. Mancos. 9, 50, 8.4, 9. Drld to
 4113'. Begin to visc up @ 3950'. TD 8-3/4" hole @ 4113' @ 10:45 PM
 6/9/84. Circ & cond 1 hr. Short trip 1st 3 stnds free. Next 7 stnds
 took 2 hrs. Pulled 1 free. Pull 2 more stnds in 3-3/4 hrs. Mancos
 smpl top @ 3905'. 1/2° @ 3896'. 1/4° @ 4113'. DW: 8061. CW:
 153,162. DD 12.
- 06/11/84 4113' (0'), PU DC's. Mancos. 9, 50, 8.4, 9. Work 2 stnds tight
 hole. Pipe pulled free. Fin short trip to 3300'. TIH. Circ & cond
 1-3/4 hrs. TOOH, no significant tight hole. TIH w/ 18 jts 7", 23#,
 K-55, ST&C csg (3337-4088'), 114 jts 7", 20#, K-55, ST&C csg
 (40-3337'), & 1 jt 7", 23#, K-55, ST&C csg (0-40'). Tag 30' fill.
 Wash dn to 4088'. RU & cmtd 7" csg. Circ w/ mud for 30 min. Pumped
 10 bbls of mud flush, 5 bbls of wtr. Cmtd w/ 75 sxs of 50/50 poz w/
 2% gel, .6% D-31, 2% CaCl₂ w/ 1/4# celloseal. Tail w/ 100 sxs of Cl
 "G" w/ 2% CaCl₂ w/ 1/4# celloseal. Dspl w/ 164 BW. PD @ 9:40 PM. BP
 @ 1600#. Float held. Full returns. ND. Set slips & cut off @ 11:15
 PM. NU. Test lines to 1000#, OK. Begin PU 4-3/4" collars. DW:
 58,725. CW: 212,287. DD 13.
- 06/12/84 5084' (971'), drlg ahead w/ air dust @ 200#. Mancos. PU 4-3/4" DC's.
 Test pipe rams to 1000#, OK. TIH, unload hole. Drill cmt & shoe.
 Drld 6-1/4" hole to 5084'. Drlg ahead. 3/4° @ 4439', 1-1/4° @ 4762',
 2-3/4° @ 5066'. DW: 20,287. CW: 232,574. DD 14.
- 06/13/84 5900' (816'), drlg w/ air dust @ 220#. Mancos. Drld to 5900' varying
 bit weight as deviation required. 3° @ 5160', 2-3/4° @ 5191', 3° @
 5348', 3-1/2° @ 5505', 4-3/4° @ 5662', 4-1/2° @ 5693', 4-3/4° @ 5787',
 4-1/2° @ 5819'. DW: 17,311. CW: 249,885. DD 15.

WELL NAME: Little Berry State "C" #1
AREA: Fence Canyon
LOCATION: Section 2, T16S-R23E
COUNTY: Grand
STATE: Utah
FOOTAGE: 1248' FNL & 1032' FWL

PTD: 7800'
ELEVATIONS: 7279' KB, 7265' GL
CONTRACTOR: Veco #9
AFE NUMBER: 842073
LSE NUMBER: 74044
TXO WI: 56.25%

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DIVISION OF OIL
GAS & MINING

APCOT FINADEL JOINT VENTURE
American Petrofina, Inc.
P. O. Box 2159
Dallas, Texas 75221
Attn: James H. Henderson

Just Mail

Ambra Oil & Gas Co., American
Plaza III, 47 W. 200 S., Ste. 510
Salt Lake City, Utah 84101
Attn: Linda Conde
Phone: (801) 532-6640

Daily Call
Weekly Mail

Kerr-McGee Corp.
2700 Kerr-McGee Tower
P. O. Box 25861
Oklahoma City, Oklahoma 73125
Attn: Mila
Phone: (405) 270-3859

Daily Call
Weekly Mail
Telecopier (405) 270-3855

Beartooth Oil & Gas
525 Petroleum Bldg
P. O. Box 2564
Billings, Montana 59103
Attn: Grace Brown
Phone: (406) 259-2451

Daily Call
Weekly Mail

PLEXUS RESOURCES
510 Petroleum Building
Billings, Montana 59101
Attn: David Rovig
Phone: (406) 245-3455

Just Mail

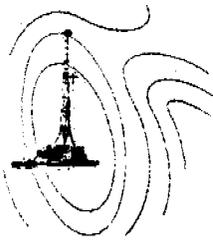
05/30/84 103' (103'), mix mud & LCM. Green River. Air mist @ 75#. MI & RU Veco Rig #9. Drill RH & MH. Had trouble w/ unconsolidated sands. Spud @ 5:30 PM 5/29/84 w/ 12-1/4" bit. Drilled to 103' KB. Had trouble w/ unconsolidated sands. Mix mud & LCM. DW: 13,642. CW: 13,642. DD 1.

05/31/84 196' (93'), jar collars out of hole. Green River. Aerated mud 100-350#. Mud up. Pump 200 bbls mud w/ no returns. Convert to aerated mud. Drill to 196'. Stuck DC's. Attempt to mud up. No returns. RU slide hammer. Worked two collars out of hole. DW: 6466. CW: 20,108. DD 2.

06/01/84 196' (0'), drill cmt @ 35'. Green River. Gelled wtr. Work remaining DC's out of hole. Pump 200 bbls of mud pill w/ 25% LCM. Didn't control LC. FL was @ 70'. WO two ready mix cmt trucks. Pump 16 yds of cmt w/ pea gravel & 3/4" rock. Stopped pumping @ 8:15 PM. Had cmt to 20'-KB. WO cmt. Began drlg cmt @ 4:15 AM. DW: 2824. CW: 27,932. DD 3.

06/02/84 313' (117'), drlg. Green River. 8.9, 54, 11.2, 10. Drill out cmt. Started drlg new hole @ 8 PM 6/1/84. 3/4" @ 165'. DW: 5893. CW: 33,825. DD 4.

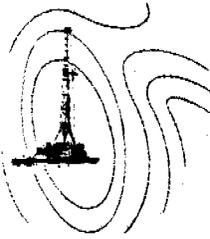
06/03/84 515' (202'), WOC. Green River. 8.9, 50, 11, 10.5. Drill ahead. Had tight hole during every connection. TD 12-1/4" hole @ 10:15 PM 6/2/84 @ 515'. Circ 1/4 hr. Survey. Circ 1/4 hr. TOOH. Had tight hole on 1st DC OOH. RU & RIH w/ shoe, 1 jt 9-5/8", 36#, K-55, ST&C csg, insert float, 11 jts 9-5/8" csg. Land shoe @ 505' KB & float @ 468' KB. Circ w/ mud for 10 min. RU BJ Hughes & pump 10 BW, followed by



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Consulting Petroleum Geologist

WELL SUMMARY

OPERATOR: TXO PRODUCTION CO.
WELL NAME: LITTLE BERRY STATE "C" NO. 1
LOCATION: 1248' FNL & 1032' FWL
NW NW 2-T16S-R23E
GRAND COUNTY, UTAH
FIELD: FENCE CANYON
OBJECTIVES: DAKOTA - BUCKHORN
TOTAL DEPTH: 7670 DRL. - 7662 LOG (MORRISON)
ELEVATION: KB 7279 GL 7265
SPUD DATE: 5:30 PM May 29, 1984
DATE @ T.D.: JUNE 16, 1984
STATUS: SET 4 1/2" PRODUCTION CSG @ T.D.
DRILLING MEDIUM: MUD TO 4113; AIR TO 7670
HOLE SIZE: 12 1/4" TO 515; 8 3/4" to 4113;
6 1/4" to 7670
CASING SIZE: 9 5/8" @ 506; 7" @ 4088; 4 1/2" @ T.D.
PERFORATIONS:
TYPE OF LOGS: DIL-GR 4074-7654 (GR to 500)
CD-SWN-GR 5650-7661
TXO DRILLING FOREMAN: RANDY WALCK
CONSULTING GEOLOGIST: CLARENCE HARR
DRILLING CONTRACTOR: VECD - RIG NO. 9
ELECTRIC LOGGING CO: GEARHART, GRAND JUNCTION, COLORADO

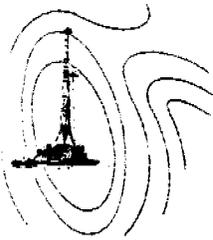


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WELL CHRONOLOGY (cont'd)

TXO PRODUCTION CO.
Little Berry State "C" No. 1
NW NW 2-T16S-R23E
Grand County, Utah

DATE 1984	MIDNIGHT DEPTH	FT/ DAY	DAILY OPERATIONS
6- 8	3743	186	Drl. - Sur. - Drl.
6- 9	4113	370	Drl. - Repair rotary chain - Drl. - Circ. - Sur.
6-10	4113	0	Short trip - Circ. hole - POOH - Trip out D.P. - Lay down D.C. - Rig up casers - Run 7" csg. - Set shoe @ 4088, float @ 4046 - Cmt. - Set slips - Cut off csg.
6-11	4752	639	Nipple up - Pick up 4 1/2" D.C. - Press. test pipe rams - Unload hole - weld blooie flange - Drl. cmt. - Dry up hole - Drl. - Surv.
6-12	5725	973	Drl. - Sur. - Drl.
6-13	6398	673	Drl. - Sur. - Drl. - Change rotating head rubber
6-14	6858	460	Drl. - POOH for Bit No. 6 - Lay down square D.C. - Pick up B.H.A. & Bit TIH - Drl. - Sur. - Drl.
6-15	7586	728	Drl. - Sur. - Drl. - Change out air head rubber - Drl. - Wait on P.S.I. Change out airhead. - Drl.
6-16	7670	84	Drl. - Circ. hole clean - POOH for logs - Logging - Prep. to run csg.



WELL ANALYSIS SUMMARY

The Little Berry State "C" No. 1, located on the northeast flank of the Horse Point-Fence Canyon structural nose, was drilled as a development well to test the productive capacity of the Cretaceous Buckhorn sandstone. Potential zones in the Dakota were considered as secondary objectives.

Lithologic description of the rock section penetrated by the subject well between 3300 feet and total depth is based on 30 foot samples to 7060 feet and 10 foot samples from 7060 to 7670. The hole was drilled with mud to 4113 feet. 7-inch casing was set at 4088 feet and drilling was completed using air. Sample quality was good in both the mud and air drilled hole.

The sample descriptions contained in the report are based on percentages of rock types. The attached strip log is an interpretive lithologic log based on the samples and drilling time. There is a definite 8 to 10 foot discrepancy between the driller's depths and those recorded by Gearhart Logging Company. The drill time-sample log must be raised upward 8 to 10 feet to match the "E"-logs.

Structure: structurally the well came in 50 feet high to the prognosis in comparison of the Dakota silt tops. The Little Berry State "C" No. 1 is 115 feet low to the Little Berry State No. 1 (SW SW 2-16S-23E), 3/4 of a mile to the south.

Reservoir Evaluation

Dakota Silt (7372-7411)

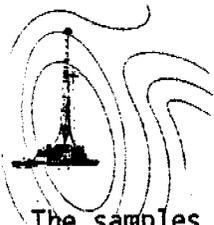
The upper 16 feet of the Dakota Silt was predominately thin beds of very fine grained, argillaceous, light brown to clear sandstone grading to siltstone and interbedded black and dark gray shale. There were no reservoir beds or hydrocarbon shows encountered.

Dakota (7411-7558)

Sands of the Dakota were developed in two separate benches with interbeds of dark-gray to black pyritic shale and siltstone and beds of bentonite. One 5-foot coal was encountered immediately overlying the Kd 1st Sand, with a 2-foot coal between the 1st and 2nd sands. Reservoir quality of the Dakota sands is poor, due to the clay (kaolin) void filler.

Kd 1st Sand (7454-7487) Zone 1

The gross thickness of the 1st Dakota sand was 33 feet consisting of white, clear, fine to medium grained, angular to subangular and well sorted sandstone. The sand was calcareous and contained varying amounts of white clay as void filler. Due to the powder effect of air drilling, it is difficult to determine the percent of infill.



The samples had no stain or fluorescence, but did give immediate faint, yellow cut fluorescence. A 10-foot flare, remaining for only 1 min. 45 sec., was encountered at 7492 driller's depth. Correcting that up to 7482 puts the gas show at the base of the best porosity. Shale corrected density-neutron x-plot porosities indicates a high percent of void filler. Out of the 33 gross feet of sandstone there is only 10 feet of porosity greater than 10% and only 3 feet that goes above 13%. The sand is gas saturated. Based on an R_w of .08 @ 165^o, water saturations ranged between lows of 39 to 20%. The reservoir is of poor quality, however, if fraced and treated it should yield gas at low deliverability.

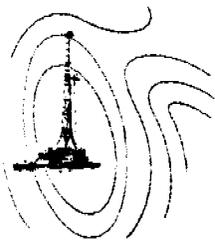
Kd 2nd Sand (7504-7523) Zone 2

Nineteen gross feet of sandstone was penetrated in two separate benches. Lithologies are similar except for the exceptionally high percent of clay void filler in the upper bench. The sandstone is white, clear and fine to medium grained. There was no staining or fluorescence, but the samples gave a faint yellow cut fluorescence. The upper bench (7504-7512) is completely clay filled, tight and wet. Water saturations ranged between 77 to 100%. The lower bench (7515-7522) contains gas, however, due to the clay void filler the thin sand does not have sufficient effective porosity (3 net feet) to produce economically even if treated. Using an R_w of .08 @ 165^o, the water saturations calculated out at 41 to 53%.

Buckhorn (7558-7601) Zone 3

The Buckhorn contained 43 gross feet of sandstone with thin interbeds of shale. The sand is white, clear, fine to medium grained, angular to subrounded with dark gray to light gray and red chirt. Samples indicated at least a moderate amount of clay void filler. There was no staining or hydrocarbon fluorescence, but the cuttings did give a faint yellow cut fluorescence. A continuous 16-foot flare was encountered at 7592 (7582 corrected) while drilling with air. At 7604 (7594 corrected) the flare increased to 30 feet and continued to total depth.

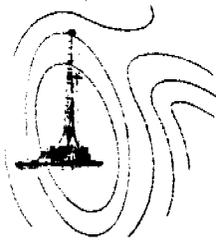
Density-Neutron shale corrected porosity ranged from 9.8% to 18%. Based on an R_w of .08 @ 165^o, water saturations were from 54 to 19%. There is only 12 feet of net effective porosity above 13% (shale corrected). The Buckhorn will produce gas at a relatively low deliverability after frac and treatment.



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An open hole test, conducted at total depth, flowed 120 MCF/D on a 1/4 inch orifice. The flow had not stabilized after 65 minutes and was slowly increasing. Time and pressures are as follows:

<u>Time</u>	<u>Psi</u>	<u>Increase</u>
5	12	12 Psi
15	20	8 Psi
25	32	8 Psi
35	45	13 Psi
45	54	9 Psi
55	62	8 Psi
65	70	8 Psi



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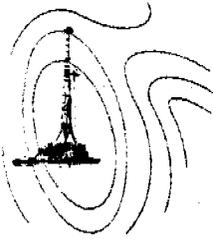
FORMATION TOPS

TXO PRODUCTION CORP.
Little Berry State "C" No. 1
NW NW 2-T16S-R23E
Grand County, Utah

KB 7279

<u>FORMATION</u>	<u>SAMPLE</u>	<u>"E" LOG</u>	<u>DATUM</u>
Buck Tongue	3470		+ 3809
Castlegate	3720		+ 3559
Mancos	3905		+ 3374
Mancos "B"	4451	4440	+ 2839
Base Mancos "B"	5185	5177	+ 2102
Frontier		7100	+ 179
Dakota Silt	7384	7372	- 93
Dakota	7424	7411	- 132
1st Kd Sand	7466	7454	- 175
2nd Kd Sand	7512	7504	- 225
Buckhorn	7567	7558	- 279
Morrison	7621	7601	- 322
Total Depth	7670	7662	- 383

Driller depths 8 to 10 feet low to log depths



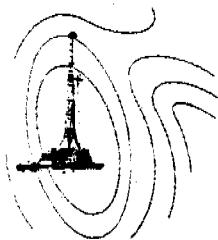
PERCENTAGE LOG

SAMPLE DESCRIPTION

TXO PRODUCTION CORP.
Little Berry State "C" No. 1
NW NW 2-T16S-R23E
Grand County, Utah

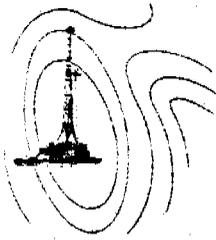
30 ft. Samples 3290-7060

3290 - 3320	SH	50	rd., gy., org., s. mot., sl. calc., s. clyst
	SS	30	wh., gy., v.f./f.g., s & p, subang., sl. calc.
	SLTST	20	brnish.-blk., carb./C frag., sdy., sl. calc.
3320 - 50	SS	70	lt.gy., wh., gy., f.g./s.m.g., subang., s & p, sl. calc., <u>fr. por.</u>
	SH	20	gy., brn., org., blk., blk., sl. calc.
	CLYST	10	lt.gy., gn., yel., blk.
50 - 80	SS	60	a.a.
	SH	40	a.a.
80 - 3410	SS	60	lt.gy., wh., clr., f.g., subang., s & p, sl. calc., <u>fr. por.</u>
	SH	40	brn., gy., tan, mot., blk.
3410 - 40	SS	55	lt.gy., wh., clr., f.g., ang./subang., s & p, sl. calc., <u>fr. por.</u>
	SH	40	gy., brn., blk., blk., lig., s. sl. calc.
	CLYST	5	yel.
40 - 70	SS	65	lt.gy., f.g./s.m.g., subang., s & p, sl. calc. <u>p./fr. por.</u>
	SH	25	gy., rd./brn., blk., sl. calc.
	CLYST	10	yel. lt.gy., blk.
70 - 3500	SS	65	lt.gy., gy., v.f./f.g., ang./subang., s & p, loc. lig. & slty.
	SLTST	35	gy., gy.-brn., blk., sl. calc.
	SH	TR	gy./dk.gy.-brn.
3500 - 30	SLTST	50	gy./dk.gy., blk., sl. calc.
	SS	45	a.a.
	SH	5	gy./dk.gy., plty., sl. calc.
30 - 60	SLTST	40	a.a.
	SH	40	a.a.
	SS	20	a.a.
60 - 90	SH	55	dk.gy.-brn., plty., sl. calc., sl. carb.
	SLTST	25	dk.gy., blk., sl. calc.
	SS	20	gy., v.f./f.g., ang./subang., s & p, slty.
90 - 3620	SH	70	dk.gy.-brn., plty., sl. calc., sl. carb.
	SLTST	20	gy., blk., sl. calc.
	SS	10	a.a.
3620 - 50	SH	65	gy./dk.gy.-brn., plty./blk. sl. calc. slty.
	SS	20	lt.gy., gy., v.f./f.g., ang./subang., sl. calc.
	SLTST	15	dk.gy.-brn., sl. calc., loc. sdy.



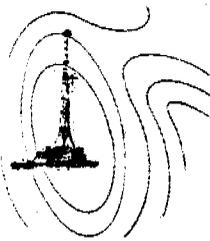
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3650 - 80	SH	65	a.a.
	SLTST	20	a.a.
	SS	15	a.a.
80 - 3710	SH	70	a.a.
	SLTST	20	a.a.
	SS	10	a.a.
3710 - 40	SH	55	dk.gy.-brn., gy.-brn., plty./s. blk., sl. calc., carb.
	SS	45	lt.gy./lt.gy.-brn., f.g., ang./s. subang., s & p, sl. calc., p./fr. por., NOSFC
40 - 70	SH	90	dk.gy.-brn., sl. calc., carb., plty./s. fis.
	SS	10	lt.gy., v.f./f.g., ang., s & p, slty. V.P.S. - rd. SH cavings
70 - 3800	SS	55	lt.gy., s & p, ang., calc., arg.
	SH	45	dk.gy./gy., plty./blk., sl. calc. loc. slty. & sdy.
3800 - 30	SS	55	gy./lt.gy., s & p, v.f./s.f.g., slty., calc.
	SH	45	dk.gy., plty., v.f. mica., sl. calc.
30 - 60	SS	60	gy./lt.gy., s & p, v.f./f.g., ang./subang., calc. w. s. wh. cly. void filler, slty., w. stks. lig., ti./p. por., NOSFC
	SH	40	dk.gy., plty., sl. calc.
60 - 90	SS	70	gy., v.f.g., ang., calc., v. arg., ti.
	SLTST	15	dk.gy., sl. calc.
	SH	15	dk.gy., plty., sl. mica., sl. calc.
90 - 3920	SS	55	lt.gy./dk.gy., v.f.g., s.f.g., v. arg. loc., calc., ti.
	SH	35	dk.gy., blk./plty., slty.
	SLTST	10	dk.gy.
3920 - 50	SS	55	dk.gy./gy., v.f.g., ang., subang., v. arg., calc., ti.
	SLTST	25	dk.gy.-brn., sl. calc.
	SH	20	dk.gy.-brn., s. sl. mica., sl. calc., loc. carb.
50 - 80	SLTST	40	dk.gy.-brn., sdy., sl. calc.
	SS	35	dk.gy., v.f.g., v. slty., carb., ti.
	SH	25	dk.gy., plty./blk., s. sl. mica., carb.
80 - 4010	SH	60	dk.gy.-brn., plty./blk., sl. mica., sl. calc.
	SLTST	30	dk.gy.-brn., sl. calc.
	SS	10	a.a.
4010 - 40	SH	35	a.a.
	SLTST	35	a.a.
	SS	30	a.a.
40 - 70	SH	60	a.a.
	SLTST	30	a.a.
	SS	10	a.a.
70 - 4100	SH	100	dk.gy.-brn./blk., blk., sl. calc., carb., f. mica., loc. sl. slty.



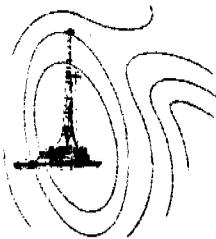
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4100 - 113	1 Hour		Circ. Samp.
	SH	100	dk.gy.-brn./blk., blk./plty., sl. calc., carb., f. mica., sl. pyr., loc. sl. slty.
4113 - 20	NO SAMPLE		
20 - 50	SH	100	dk.gy., f. mica., blk./plty., carb., sl. calc.
50 - 80	SH	100	dk.gy., blk./plty., sl. calc., carb., f. mica., sl. slty.
80 - 4210	SH	100	dk.gy., blk./plty., sl. calc., carb., f. mica., sl. slty.
4210 - 40	NO SAMPLE		
40 - 70	SH	100	dk.gy., blk./plty., carb., sl. calc.
70 - 4300	SH	100	a.a.
4300 - 30	SH	100	dk.gy., blk./plty., sl. calc., carb., f. mica., few Calc. frag.
30 - 60	SH	100	a.a.
60 - 90	SH	100	a.a.
90 - 4420	SH	100	a.a., bent.
4420 - 50	SH	95	dk.gy., carb., sl. calc.
	SS	5	gy., clr., lt.brn., v.f.g., ang., clus./lse.
50 - 80	SH	90	dk.gy., blk./plty., sl. calc., carb., f. mica., loc. f. pyr.
	SS	10	clr., smky., lt. brn., v.f./f.g., ang./subang., lse. ti., v. fnt. yel. fluor., immed. pale yel. cut fluor.
80 - 4510	SH	60	dk.gy., blk./plty., sl. calc., carb.
	SS	40	gy., smoky., clr., lt. brn., v.f./f.g., ang./subang., calc. clus./lse. v. fnt. yel. fluor., immed. pale yel. cut fluor.
4510 - 40	SS	70	gy., smky., s. clr., v.f./f.g., ang./subang., calc. clus., ti., v. fnt. yel. fluor., immed. pale yel. cut fluor.
	SH	30	a.a.
40 - 70	SS	80	a.a. <u>decr. in fluor. & cut</u>
	SH	20	dk.gy., blk./plty., sl. calc., carb.
70 - 4600	SS	75	a.a.
	SH	25	a.a.
4600 - 30	SS	65	clr., gr./smky., v.f./f.g., subang./s. subrnd., wl. srt. arg., lse./ti. calc. clus., NSOF, fnt. pale yel. cut fluor.
	SH	35	dk.gy., blk./plty., sl. calc., carb.
30 - 60	SS	65	a.a.
	SH	35	a.a.
60 - 90	SS	60	clr., gy./smky., v.f./f.g., subang./subrnd., wl. srt., arg., lse./ti. calc. clus., NSOF, fnt. pale yel. cut fluor.
	SH	40	dk.gy., blk./plty., sl. calc., carb.
90 - 4720	SS	60	a.a.
	SS	40	a.a.



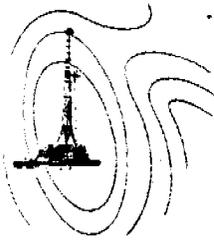
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4720 - 50	SS	60	gy./smky., clr., v.f./f.g., subang./subrnd., wl. srt., v. arg., calc. clus., <u>ti., NSOF,</u> <u>fnt. pale yel. cut fluor.</u>
	SH	40	dk.gy., sl. calc., loc. slty.
50 - 80	SS	60	a.a.
	SH	40	a.a.
4780 - 4810	SS	75	gy./smky., v.f./f.g., subang., calc., clus., arg., <u>ti. NSOF, v. fnt. yel. cut fluor.</u>
	SH	25	dk.gy., blk./plty., sl. calc., f. mica., sl. pyr.
4810 - 40	SS	75	a.a.
	SH	25	a.a.
40 - 70	SS	60	gy./smky., v.f./f.g., calc., arg. <u>ti</u>
	SH	40	dk.gy., blk./plty., sl. calc., f. mica., sl. pyr.
70 - 4900	SS	55	gy./smky., v.f./f.g., calc., arg. <u>ti</u>
	SH	45	a.a.
4900 - 30	SS	55	gy./smky., v.f.g., ang., calc., w. cmt. clus., <u>ti., NS, v. wk. yel. fluor. v. wk. cut fluor.</u>
	SH	45	dk. gy., calc., plty.
30 - 60	SH	60	a.a.
	SS	40	a.a.
60 - 90	SH	60	dk.gy., calc., plty.
	SS	40	gy./smky., v.f.g., ang., calc.
90 - 5020	SH	60	a.a.
	SS	40	a.a.
5020 - 50	SH	65	dk.gy., blk./plty., sl. calc., f. mica., sl. pyr.
	SS	35	gy./smky., v.f.g., ang., calc., arg.
50 - 80	SH	65	a.a.
	SS	35	a.a.
80 - 5110	SH	75	dk.gy.-brn., plty., calc., f. mica.,
	SS	25	gy./smky., v.f.g., ang./subang., calc. clus., <u>ti</u>
5110 - 40	SS	60	dk.gy.-brn., plty., calc., f. mica.
	SS	40	gy./smky., v.f.g., ang./subang., wl. srt., calc., arg., <u>ti. NSOF v. fnt. yel. cut fluor.</u>
5140 - 70	SS	80	gy./smky., clr., lt.brn., v.f./f.g., ang./subrnd., wl. srt., calc., arg., calc., clus./lse., <u>NSOF</u> <u>v. fnt. yel. cut fluor.</u>
	SH	20	a.a.
70 - 5200	SH	95	dk.gy./dk.gy.-brn., plty., calc., f. mica.
	SS	5	a.a.
5200 - 30	SH	100	dk.gy./dk.gy.-brn., plty., calc., f. mica., w. s. gy. bent. SH
30 - 60	SH	100	a.a.
60 - 90	SH	100	dk.gy., blk., plty., calc., f. mica., bent.
90 - 5320	SH	100	dk.gy., blk., plty., calc.
5320 - 50	SH	100	dk.gy./brnish.-blk., plty., calc., f. mica., bent.
50 - 80	SH	100	dk.gy./brnish.-blk., plty., calc., f. mica., bent.
80 - 5410	SH	100	dk.gy./blk., plty., calc., f. mica., bent.



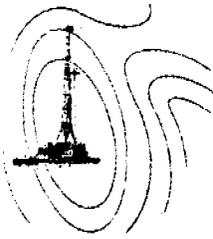
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5410 - 40	SH	100	a.a.
40 - 70	SH	100	dk.gy./brnish.-blk., plty., calc., f. mica., w. gy. Bent.
70 - 5500	SH	100	dk.gy./brnish.-blk., plty., calc.
5500 - 30	SH	100	dk.gy., s. blk., plty., calc.
30 - 60	SH	100	dk.gy./blk., plty., calc., f. mica.
60 - 90	SH	100	dk.gy./brnish.-blk., plty./s. blk., calc., f. mica., w. s. gy. bent SH
90 - 5620	SH	100	dk.gy./brnish.-blk., calc.
5620 - 50	SH	100	dk.gy./blk., calc., f. mica.
50 - 80	SH	100	dk.gy./blk., calc., f. mica
80 - 5710	SH	100	dk.gy./s. brnish.-blk., plty./blk., calc., f. mica.
5710 - 40	SH	100	dk.gy./brnish.-blk., blk./plty., calc.
40 - 70	SH	100	dk.gy./brnish.-blk., plty./blk., calc., f. mica.
70 - 5800	SH	100	dk.gy./brnish.-blk., calc.
5800 - 30	SH	100	dk.gy./brnish.-blk., blk./plty., calc., mica.
30 - 60	SH	100	a.a.
60 - 90	SH	100	dk.gy./brnish.-blk., plty., calc., mica.
90 - 5920	SH	100	dk.gy./brnish.-blk., calc.
5920 - 50	SH	100	dk. gy./brnish.-blk., plty., calc., mica., tr. Foss. w. s. gy. bent. SH
50 - 80	SH	100	a.a.
80 - 6010	SH	100	dk.gy./brnish.-blk., plty./blk., calc., f. mica., w. tr. tan Calc. frag.
6010 - 40	SH	100	a.a.
40 - 70	SH	100	dk.gy./brnish.-blk., plty./blk., calc., f. mica.
70 - 6100	SH	100	dk.gy./brnish.-blk.
6100 - 30	SH	100	dk.gy./brnish.-blk., calc., f. mica., sl. carb., bent.
30 - 60	SH	100	dk.gy./brnish.-blk., calc., f. mica., bent., w. s. tan. Bent.
60 - 90	SH	100	dk.gy./brnish.-blk., calc., bent., w. s. tan Calc. frag.
90 - 6220	SH	100	a.a.
6220 - 50	SH	100	a.a.
50 - 80	SH	100	dk.gy./brnish.-blk., plty./blk., calc., bent., w. incr. in tan, crm. Calc. frag.
80 - 6310	SH	100	dk.gy./brnish.-blk., calc., decr. in Calc. frag.
6310 - 40	SH	100	dk.gy./brnish.-blk., plty., calc., f. mica., w. abt. tan Calc. frag., tr. fish scales
40 - 70	SH	100	a.a. w. sl. decr. Calc. frag.
70 - 6400	SH	100	dk.gy./brnish.-blk., plty., calc., f. mica., w. abt. gy. bent. SH
6400 - 30	SH	95	a.a.
	SS	5	gy.-brn., v.f./f.g., ang., v. arg. <u>ti.</u>



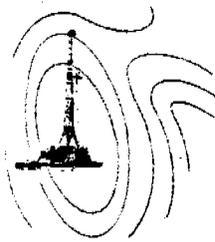
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6430 - 60	SH	90	dk.gy./brnish.-blk., calc., f. mica., sl. carb., bent.
	SS	10	gy.-brn., v.f./s.f.g., ang., v. arg. <u>ti.</u>
60 - 90	SH	80	a.a.
	SS	20	a.a., tr. f.g., rnd., qtz. g's.
90 - 6520	SH	90	dk.gy./brnish.-blk., calc., f. mica., sl. carb., bent.
	SS	10	gy.-brn., v.f./f.g., ang., v. arg. <u>ti.</u>
6520 - 50	SH	95	dk.gy./brnish.-blk., calc., f. mica., bent., w. s. spar. Calc.
	SS	5	dk.gy., v.f., ang., v. arg., calc.
50 - 80	SH	90	dk.gy./blk., calc., bent.
	SLTST	10	dk.gy., sl. sdy.
80 - 6610	SH	100	dk.gy./brnish.-blk., calc., f. mica., bent.
6610 - 40	SH	100	a.a., sdy.
40 - 70	SH	100	dk.gy./brnish.-blk., calc., f. mica., bent., tr. spar. Calc., sdy.
70 - 6700	SH	100	a.a., sl. carb.
6700 - 30	SH	95	dk.gy./brnish.-blk., calc., f. mica., bent., w. spar. Calc.
	SS	5	dk.gy.-brn., v.f.g., ang., v. arg., lse.
30 - 60	SH	60	a.a.
	SS	40	gy., smky., v.f.g., ang./subang., v. calc., v. arg., clus., <u>ti.</u>
60 - 90	SH	85	dk.gy./brnish.-blk., calc., f. mica., w. spar. Calc.
	SS	15	gy.-brn., v.f./f.g., ang./subang., calc., arg. <u>ti.</u>
90 - 6820	SH	70	a.a., w. lt.gy.-tan Bent.
	SS	30	a.a.
6820 - 50	SH	95	dk.gy./brnish.-blk., plty., calc., f. mica., w. abt. spar. Calc.
	SS	5	a.a.
50 - 80	SH	100	dk.gy./brnish.-blk., plty., calc., f. mica., decr. w. spar. Calc.
80 - 6910	SH	100	dk.gy./brnish.-blk., plty., calc., f. mica., tan Bent.
6910 - 40	SH	100	a.a.
40 - 70	SH	100	dk.gy./brnish.-blk., plty., calc., bent.
70 - 7000	SH	100	a.a., w. s. spar. Calc.
7000 - 30	SH	100	dk.gy./brnish.-blk., plty., calc., f. mica., v. pyr. w. lt.gy.-tan Bent.
30 - 60	SH	100	a.a.
<u>10 ft. Samples 7060 - T.D.</u>			
60 - 70	SH	100	dk.gy./blk., plty., v. calc., pyr., w. tan Bent.
70 - 80	SH	100	dk.gy./blk., plty., v. calc., pyr.
80 - 90	SH	100	dk.gy./blk., plty., v. calc., pyr.
90 - 7100	SH	100	a.a.



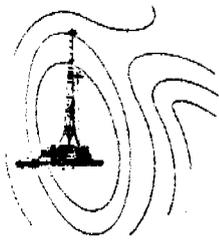
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7100 - 10	SH	100	blk./brnish.-blk., plty., calc.
10 - 20	SH	100	a.a.
20 - 30	SH	100	blk./brnish.-blk., plty., calc., pyr.
30 - 40	SH	100	a.a.
40 - 50	SH	100	blk./brnish.-blk., plty., calc., pyr., bent., sdy
50 - 60	SH	100	a.a.
60 - 70	SH	100	blk./dk.gy., plty., calc., pyr., tan & crm. Bent., sdy.
70 - 80	SH	100	a.a.
80 - 90	SH	100	blk./dk.gy., plty., calc., pyr., tan & crm. Bent., sdy.
90 - 7200	SH	100	a.a.
7200 - 10	SH	95	blk./dk.gy., plty., calc., pyr.
	SS	5	lt. brn., clr., v.f./f.g., ang., lse.
10 - 20	SH	95	a.a.
	SS	5	a.a.
20 - 30	SH	95	a.a. w. s. tan Bent.
	SS	5	a.a.
30 - 40	SH	90	a.a. w. abt. tan Bent.
	SS	10	lt.gy.-brn., v.f.g., v. calc., arg.
40 - 50	SH	90	a.a. w. abt. tan Bent., w. tan/brn., Calc. frag.
	SS	10	lt.gy.-brn., v.f.g., v. calc., arg.
50 - 60	SH	70	blk./dk.gy., plty., calc., pyr.
	SLTST	20	dk.gy., sdy.
	SS	10	lt.gy.-brn., v.f.g., v. calc., arg.
60 - 70	SH	50	a.a. w. adl. Calc. frag.
	SLTST	40	dk.gy., sdy.
	SS	10	lt.gy.-brn., v.f.g., v. calc., arg.
70 - 80	SLTST	50	dk.gy., sdy.
	SH	40	blk./dk.gy., plty., calc., arg.
	SS	10	a.a.
80 - 90	SLTST	60	a.a.
	SH	30	a.a. w. abt. Bent.
	SS	10	a.a.
90 - 7300	SLTST	65	dk.gy., calc., sdy.
	SH	25	blk./dk.gy., plty., calc.
	SS	10	lt.gy., v.f.g., v. calc., arg.
7300 - 10	SH	45	blk./dk.gy., plty., calc., pyr., w. tan Calc. frag.
	SLTST	40	dk.gy., sdy.
	SS	15	lt.brn./clr., v.f.g., ang., lse.
10 - 20	SLTST	45	a.a. calc.
	SH	40	a.a.
	SS	15	a.a.



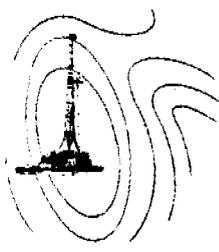
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7320 -	30	SLTST	50	a.a. calc., sdy.
		SH	35	a.a.
		SS	15	a.a.
30 -	40	SLTST	45	dk.gy., sdy., calc.
		SH	40	blk./dk.gy., plty., calc., pyr.
		SS	15	lt.brn., v.f.g., ang.
40 -	50	SLTST	45	a.a.
		SH	35	a.a.
		SS	20	a.a.
50 -	60	SLTST	45	dk.gy., calc., pyr., sdy.
		SH	35	blk./dk.gy., plty., calc., f. mica.
		SS	20	lt.brn., v.f.g., ang.
60 -	70	SLTST	45	dk.gy., calc., pyr., sdy.
		SH	35	blk./dk.gy., calc., f. mica., w. tan Bent.
		SS	20	lt.brn./clr., v.f./f.g., ang., s. clus.
				calc., lse.
70 -	80	SLTST	55	dk.gy., calc., sdy.
		SH	25	blk., calc., w. abt. tan Bent.
		SS	20	lt.brn./clr., v.f./f.g., ang., w. s. f. g.
				subrnd., lse.
80 -	90	SLTST	55	dk.gy., calc. sdy.
		SS	30	smky./clr., v.f.g., ang., occ. v. arg., calc.,
				ti., NSOFC
		SH	15	blk., calc.
90 -	7400	SS	55	smky., v.f./f.g., ang./s. rnd., w. srt.,
				lse./clus. w. slt., ti., NSOFC
		SLTST	35	a.a.
		SH	10	a.a.
7400 -	10	SLTST	70	dk.gy., calc., sdy.
		SS	30	smky., lt.brn./clr., v.f./f.g., ang./s. subang.,
				lse. <u>NSOFC</u>
10 -	20	SLTST	60	dk.gy., calc., w. wh. spks., sdy.
		SH	30	blk., calc., carb.
		SS	10	lt.brn./clr., v.f.g., ang., lse.
20 -	30	SH	70	dk.gy./blk., slty., calc.
		SLTST	30	dk.gy., calc., w. wh. spks., sl. sdy.
30 -	40	SH	80	dk.gy./blk., calc., w. abt. wh., tan, Bent.
		SS	20	lt.brn./clr., v.f./f.g. ang./s. subrnd.,
				w. s. m. g., lse. <u>NSOFC</u>
40 -	50	SH	80	a.a.
		SS	20	lt.brn./clr., v.f./f.g., ang./subang., lse.
				<u>NSOFC</u>
50 -	60	SH	80	dk.gy., calc., blk., pyr.
		SS	20	clr./smky., v.f.g., subang., lse.
				<u>NSOFC</u>
60 -	70	SH	85	dk.gy./blk., lig., blk., v. pyr.
		SS	15	lt.gy., v.f./f.g., subang., calc., v. slty.,
				ti. <u>NSOF, FNT. PALE YEL. CUT</u>



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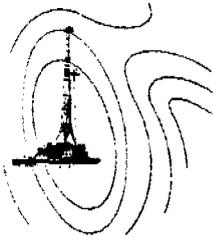
7470 - 80	SS	100	wh., clr., f.g., ang./subang., wl. srt., calc., fr. vis. por. s.gs. w. wh. cly., coating <u>NSOF IMMED. FNT. PALE YEL. CUT FLUOR.</u>
	TR	C	
80 - 90	SS	100	wh., clr., f./m.g., subang., wl. srt., sl. calc., g. vis. por. no vis. void filler, <u>NSOF, V. FNT. PALE YEL. CUT FLUOR.</u>
90 - 7500	SS	100	a.a. novis. void filler, NSOF, V. FNT. PALE <u>YEL. CUT FLUOR.</u>
7500 - 10	SH	95	blk., blk., calc., s. lig.
	SS	5	a.a.
10 - 20	SS	80	wh., clr., f.g., subang./subrnd., wl. srt., sl. calc., p. por. (clus. w. wh. cly. void filler) <u>NSOF, FNT. YEL. CUT FLUOR.</u>
	SH	20	dk.gy., blk., calc.
20 - 30	SS	85	clr., wh., f.g., w. s. m. g., subang./subrnd., sl. calc., clus. full wh. cly. void filler, <u>ti NSOF, FNT. YEL. CUT FLUOR.</u>
	SH	15	a.a.
30 - 40	SS	100	wh., clr., f.g., subang., wl. srt., sl. calc., wh. cly. coating on many gs., p. por., NSOF, <u>FNT. YEL. CUT FLUOR.</u>
40 - 50	SS	60	a.a.
	SH	40	gy., s. lt.gy., pty.
50 - 60	SH	100	lt.gy./dk.gy., lt.gy.-grn.
60 - 70	SS	85	pnkish.-gy., f.g., ang./subang., sl. calc., wh. cly. coating on s.gs., <u>ti. NSOF, FNT. YEL.</u> <u>CUT FLUOR.</u>
	SH	15	a.a.
70 - 80	SS	80	wh., clr., f./m.g., ang./subang., s.gs. w. wh. cly. coating, p. por. NSOF, FNT. YEL. CUT <u>FLUOR.</u>
	SH	20	dk.gy.
80 - 90	SS	100	wh., clr., f.g., ang./subang., NSOF, FNT. CUT <u>FLUOR.,</u> clean, min. of cly. void filler, <u>fr.</u> <u>por.</u>
90 - 7600	SS	100	a.a. w. s. m. gs.
7600 - 10	SS	100	clr., wh., f./m.g., w. s. crs. gs. ang./subang., w. s. subrnd., lt.gy./dk.gy., rd. cht., NSOF, V. FNT. CUT FLUOR., min. of void filler <u>vis.,</u> <u>fr. p.</u>
10 - 20	SS	90	clr., wh., f.g., w. s. m. g.s. ang./subang., lt.gy./dk.gy., rd. cht., wh. cly. (kao.) coating on gs., p. por., NSOF V. FNT. CUT <u>FLUOR., V. FNT. RESID. FLUOR.</u>
	CLYST	10	lt.gy./pale gy.-grn.
20	SS	55	a.a.
	CLYST	45	gy., brn., gy.-grn., lt.gy.-grn.



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Consulting Petroleum Geologist

TX0 Little Berry State "C" No. 1

7630 -	40	CLYST	100	pale gy.-grn., pale grn., wxy.
40 -	50	CLYST	100	a.a.
50 -	60	CLYST	100	pale grn., wxy.
60 -	70	CLYST	100	pale grn., wxy.
70 -	TD	7670	DRL.	

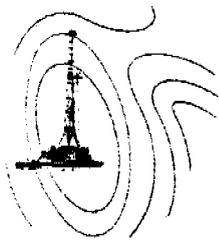


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Consulting Petroleum Geologist

DEVIATION RECORD

TXO PRODUCTION CORP.
Little Berry State "C" No. 1
NW NW 2-T16S-R23E
Grand County, Utah

DEPTH	DEVIATION	DEPTH	DEVIATION
165	3/4 ⁰	5160	3 ⁰
515	1 ⁰	5191	2 3/4 ⁰
815	1 1/2 ⁰	5348	3 ⁰
1123	1 ⁰	5505	3 1/2 ⁰
1435	3/4 ⁰	5662	4 3/4 ⁰
1739	1/4 ⁰	5693	4 1/2 ⁰
2048	1/4 ⁰	5787	4 3/4 ⁰
2357	1/2 ⁰	5819	4 1/2 ⁰
2664	1/4 ⁰	5912	4 1/2 ⁰
3280	2 ⁰	6067	4 1/2 ⁰
3589	1/2 ⁰	6222	4 3/4 ⁰
3896	1/2 ⁰	6371	4 3/4 ⁰
4113	1/4 ⁰	6655	5 ⁰
4439	3/4 ⁰	6965	4 1/4 ⁰
4752	1 1/4 ⁰	7275	4 1/2 ⁰
5066	2 3/4 ⁰	7492	4 1/2 ⁰

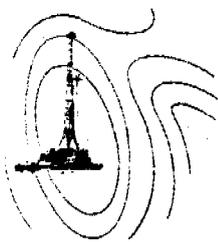


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Consulting Petroleum Geologist

BIT RECORD

TXO PRODUCTION CORP.
Little Berry State "C" No. 1
NW NW 2-T16S-R23E
Grand County, Utah

BIT NO.	SIZE	MAKE	TYPE	DEPTH OUT	FEET	HOURS	FT/HR
1RR	12 1/4	RTC	FP-52	196	196	12	16.3
2RR	12 1/4	STC	SDSH	515	319	20 1/4	15.8
3	8 3/4	SANDVIC	CFS-20	3156	2641	69 3/4	37.9
4	8 3/4	SANDVIC	CFS-20	4113	957	46	20.8
5	6 1/4	RTC	Y-31-R	6536	2423	54 1/2	44.5
6	6 1/4	RTC	HPSM	7670	1134	32 1/2	34.9



Clarence L. Harr
Consulting Petroleum Geologist

WELL CHRONOLOGY

TXO PRODUCTION CO.
Little Berry State "C" No. 1
NW NW 2-T16S-R23E
Grand County, Utah

DATE 1984	MIDNIGHT DEPTH	FT/ DAY	DAILY OPERATIONS
5-29	60	60	Rig up - Drl. rat hole - Drl. mouse hole - Spud 5:30 PM - Mist drl.
5-30	196	136	Drl. - Mix mud - Mud up - Rig up flow nipple - Run 6 1/4" D.C. in hole - Ream tight hole - Drl. Lost circ. - Drl. - Mix mud
5-31	196	0	Pump mud - Pick up pipe & jars - Jar stuck collars - TIH - Lay down jars - Mix mud - Cmt. L.C. zone
6- 1	241	45	W.O.C. - Drl. cmt. - Lost circ. - Drl. cmt. - Sur. - Drl. - Work tight hole
6- 2	515	274	Drl. - Work tight hole - Drl. - Sur. - Circ.
6- 3	515	0	POOH - Rig casers - Run 9 5/8" sur. csg. - Set @ 506 - Cmt. - W.O.C. - Install torque converter - Slip drilling line - Nipple up B.O.P. - Press. test blind rams @ 1000# - TIH w. D.C.
6- 4	1615	1100	Drl. cmt. & shoe - Drl. - Dry up hole - Clean out blooie line - Sur. - Drl. - Clean out hole - Drl.
6- 5	2553	938	Drl. - Sur. - Drl. - Mix L.C.M. - Pull 3 stds - Mud up - R.I.H. - Ream to bot. - Drl. -
6- 6	2957	248	Drl. - Sur. - Drl. - Service rig - Drl.
6- 7	3205	538	Drl. - Service rig - Drl.

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

November 24, 1987

RECEIVED
NOV 30 1987

DIVISION OF
OIL, GAS & MINING

State of Utah
Natural Resources
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

PA

43-019-31151

Re: Little Berry State "C" #1
Section 2-T16S-R23E
Grand County, Utah

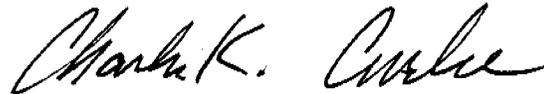
Gentlemen:

Enclosed please find a Subsequent Report of Abandonment for the referenced well. Recontouring and seeding were completed on this site in Fall, 1987 and will be ready for inspection and possible bond release after the next growing season.

If you have any questions, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Charles K. Curlee
Environmental Manager

CKC/gbp

Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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.)

RECEIVED
NOV 30 1987
DIVISION OF OIL, GAS & MINING

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-39609
2. NAME OF OPERATOR TXO Production Corp. Attn: C.K. Curlee		6. IF INDIAN, ALLOTTEE OR TRIBE NAME PA --- 120901
3. ADDRESS OF OPERATOR 1800 Lincoln Center Bldg. Denver, CO 80264		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 1248' FNL, 1032' FSL Section 2 -T16S-R23E		8. FORM OR LEASE NAME Little Berry State "C"
14. PERMIT NO. 43-019-3115#		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, NT, GR, etc.) 7173' G.R.		10. FIELD AND POOL, OR WILDCAT Horse Point
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 2-T16S-R23E
		12. COUNTY OR PARISH 18. STATE Grand 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.)*

The referenced abandoned well was reseeded on October 2, 1987.

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

SIGNED Charles K. Curlee TITLE Environmental Manager DATE Oct. 18, 1987

Charles K. Curlee
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____