



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 17, 1997

Burlington Resources
3535 East 30th Street
Farmington, New Mexico 87499-4289
Attention: Peggy Bradfield

Administrative Order TX-266

Dear Mr. Prichard:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107 (j) for the below-named wells.

Pursuant to the authority granted me by Rule 107 (d) (4), you are hereby authorized to make tubingless completions in the following wells:

Well Name and Number:

Ballard #2	Ballard Pictured Cliffs	P 10-26-09	30-045-05902
Ballard #5	Ballard Pictured Cliffs	P 14-26-09	30-045-05823
Crandell #1	Ballard Pictured Cliffs	M 11-26-09	30-045-05909
Douthit #3	W. Kutz Pictured Cliffs	P 26-27-11	30-045-06213
Harrington #3	S. Blanco Pictured Cliffs	P 31-27-07	30-045-06848
Hubbell SRC #2	Fulcher Kutz Pictured Cliffs	I 30-28-10	30-045-07141
Huerfanito Unit #64	Ballard Pictured Cliffs	D 12-26-09	30-045-05962
Huerfanito Unit #69	Ballard Pictured Cliffs	D 10-26-09	30-045-05968
Luthy A #1	S. Blanco Pictured Cliffs	H 01-26-08	30-045-06040
McManus #1	Ballard Pictured Cliffs	P 30-26-08	30-045-05654
McManus #9	Ballard Pictured Cliffs	M 33-26-08	30-045-05604
Newman A #6	Fulcher Kutz Pictured Cliffs	J 19-28-10	30-045-07312
Quitau #1	Ballard Pictured Cliffs	D 03-25-08	30-045-05565
Quitau #2	Ballard Pictured Cliffs	F 11-25-08	30-045-05500
Quitau #3	Ballard Pictured Cliffs	P 11-25-08	30-045-05469
Quitau #4	Ballard Pictured Cliffs	O 03-25-08	30-045-05532
Quitau #5	Ballard Pictured Cliffs	M 03-25-08	30-045-05536
Turner Hughes #10	S. Blanco Pictured Cliffs	B 11-27-08	30-045-06710
White Kutz #3	Fulcher Kutz Pictured Cliffs	B 20-28-10	30-045-07364
Wilson A #1	Ballard Pictured Cliffs	D 32-26-08	30-045-05630
Wilson A #2	Ballard Pictured Cliffs	K 32-26-08	30-045-05611

Conditions:

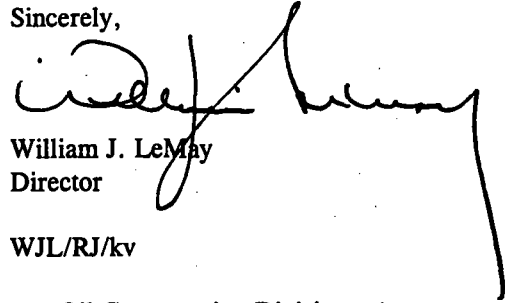
The operator shall place adequate cement prior to running 3 1/2" casing, or alternatively at the time of plugging and abandonment to insure that the Ojo Alamo Formation is completely sealed off with cement. The methodology to be employed shall be approved by the division's Aztec office prior to commencement of any remedial work.

PV2V2005729920

Administrative Order TX-266
Burlington Resources
March 17, 1997
Page 2

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay", is written over the typed name and title.

William J. LeMay
Director

WJL/RJ/kv

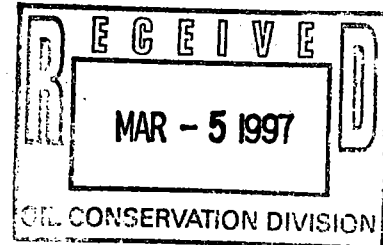
cc: Oil Conservation Division - Aztec

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 3, 1997

New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505



Att: Mr. Roy Johnson

Dear Roy:

As we discussed February 27 by phone, this letter serves as application for variance to Rule 107 Sections J. We intend to workover and drill additional hole in the following wells in the Pictured Cliffs formation, run 3 1/2" casing and cement, and run no tubing.

Ballard #2	Ballard Pictured Cliffs	P 10-26-09	30-045-05902
Ballard #5	Ballard Pictured Cliffs	P 14-26-09	30-045-05823
Crandell #1	Ballard Pictured Cliffs	M 11-26-09	30-045-05909
Douthit #3	W.Kutz Pictured Cliffs	P 26-27-11	30-045-06213
Harrington #3	S.Blanco Pictured Cliffs	P 31-27-07	30-045-06848
Hubbell SRC #2	Fulcher Kutz Pictured Cliffs	I 30-28-10	30-045-07141
Huerfanito Unit #64	Ballard Pictured Cliffs	D 12-26-09	30-045-05962
Huerfanito Unit #69	Ballard Pictured Cliffs	D 10-26-09	30-045-05968
Luthy A #1	S.Blanco Pictured Cliffs	H 01-26-08	30-045-06040
Luthy #2	S.Blanco Pictured Cliffs	K 01-26-08	30-045-06025
McManus #1	Ballard Pictured Cliffs	P 30-26-08	30-045-05654
McManus #9	Ballard Pictured Cliffs	M 33-26-08	30-045-05604
Newman A #6	Fulcher Kutz Pictured Cliffs	J 19-28-10	30-045-07312
Quitza #1	Ballard Pictured Cliffs	D 03-25-08	30-045-05565
Quitza #2	Ballard Pictured Cliffs	F 11-25-08	30-045-05500
Quitza #3	Ballard Pictured Cliffs	P 11-25-08	30-045-05469
Quitza #4	Ballard Pictured Cliffs	O 03-25-08	30-045-05532
Quitza #5	Ballard Pictured Cliffs	M 03-25-08	30-045-05536
Turner Hughes #10	S.Blanco Pictured Cliffs	B 11-27-08	30-045-06710
White Kutz #3	Fulcher Kutz Pictured Cliffs	B 20-28-10	30-045-07364
Wilson A #1	Ballard Pictured Cliffs	D 32-26-08	30-045-05630
Wilson A #2	Ballard Pictured Cliffs	K 32-26-08	30-045-05611

These tubingless completions are desirable as they allow Burlington to economically produce reserves from the tight, low pressure Pictured Cliffs formation. Significant cost savings are realized using this method. The 3 1/2" casing string will allow the wells to produce at a higher rate than can be realized through smaller tubulars, and also carry less risk during any subsequent workover operations.

New Mexico Oil Conservation Division
Page Two
March 3, 1997
Tubingless Completion Application


All the listed wells meet the following criteria:

- are in proven fields
- are less than 5000' total depth
- do not have corrosive or pressure problems
- are not dual completions
- will not produce any liquids or condensate (dry gas only)

Attached is a copy of the C102 well location plat and wellbore schematic for each well. Please let me know if you require any further information for these wells.

Sincerely,

BURLINGTON RESOURCES

A handwritten signature in cursive script, appearing to read "Peggy Bradfield".

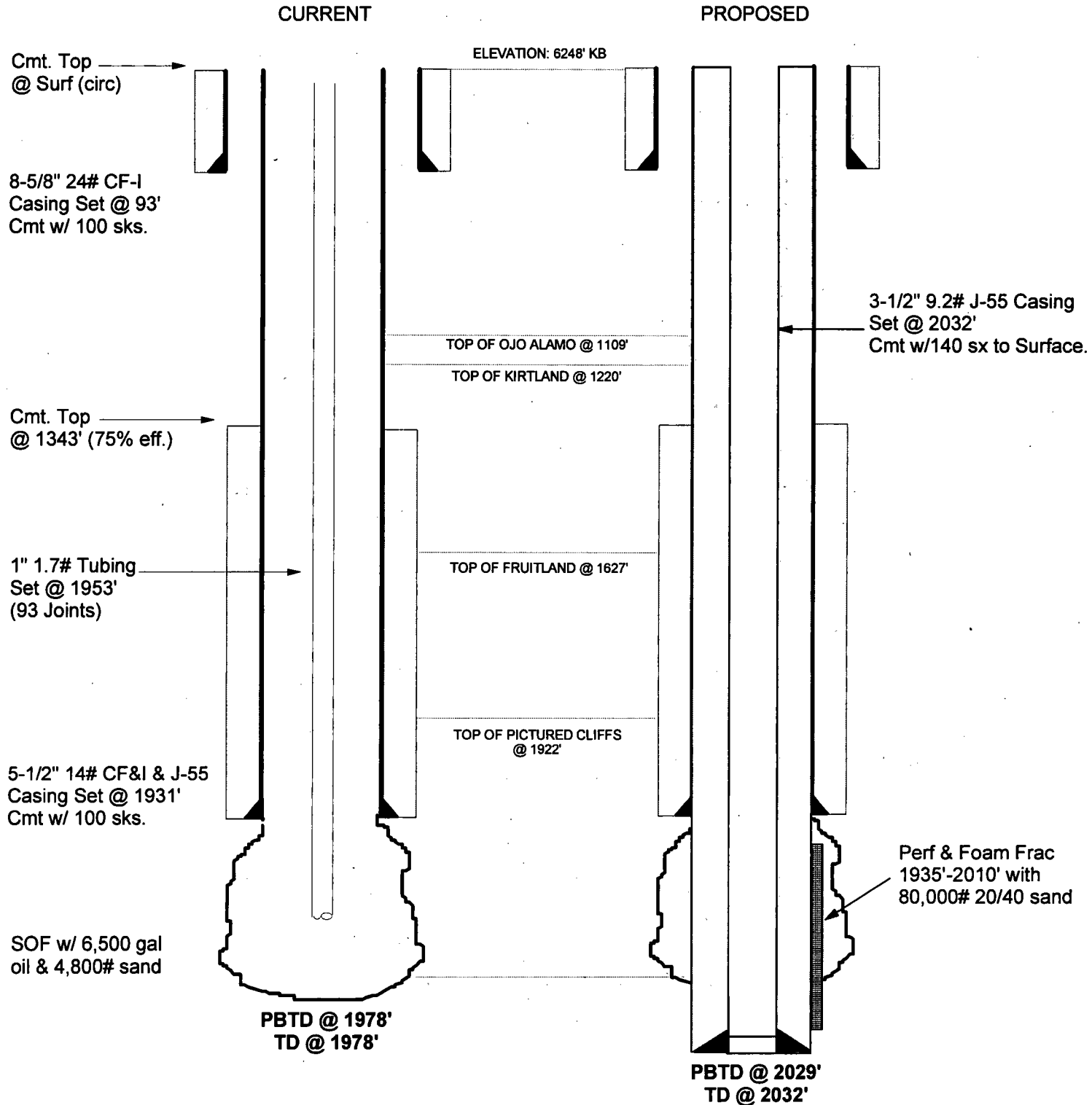
Peggy Bradfield
Regulatory/Compliance Administrator

xc: NMOCD Aztec District Office

Ballard #2

Section 10P, T-26-N, R-9-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



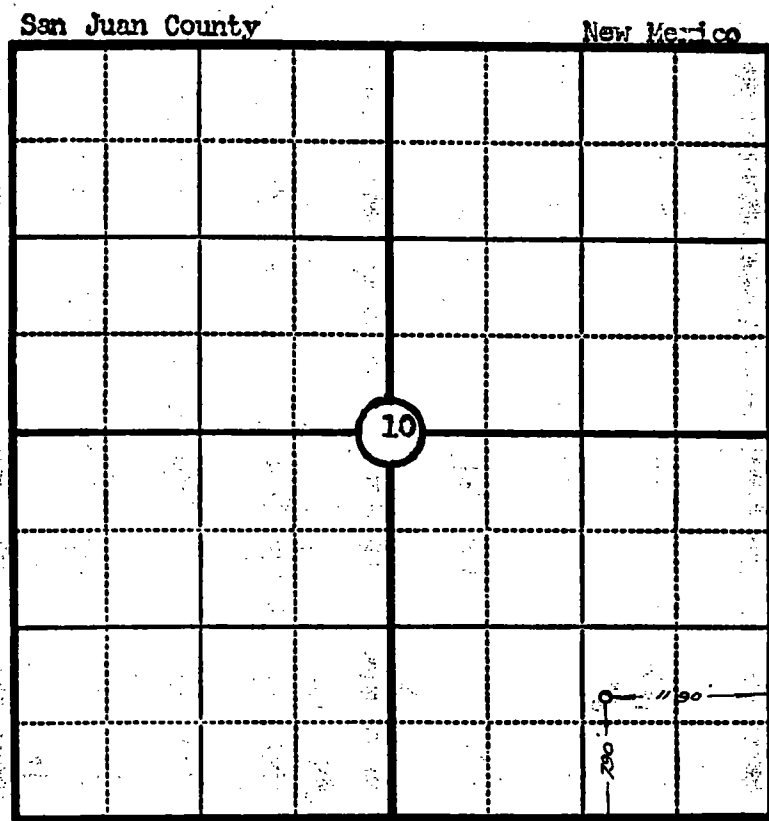
J. GLENN TURNER
Company ~~WYOMING~~

Lease **Ballard-Federal** Well No. **2-10**

Sec. **10**, T. **26 N**, R. **9 W.**, N. 14 P. 14.

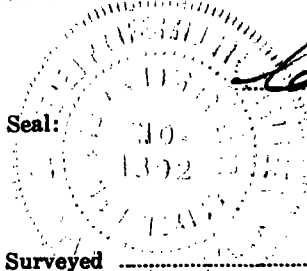
Location **790' from the South line and 1190' from the East line.**

Elevation **6240 Ungraded ground.**



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Charles J. Finklea
Registered Professional
Engineer and Land Surveyor.

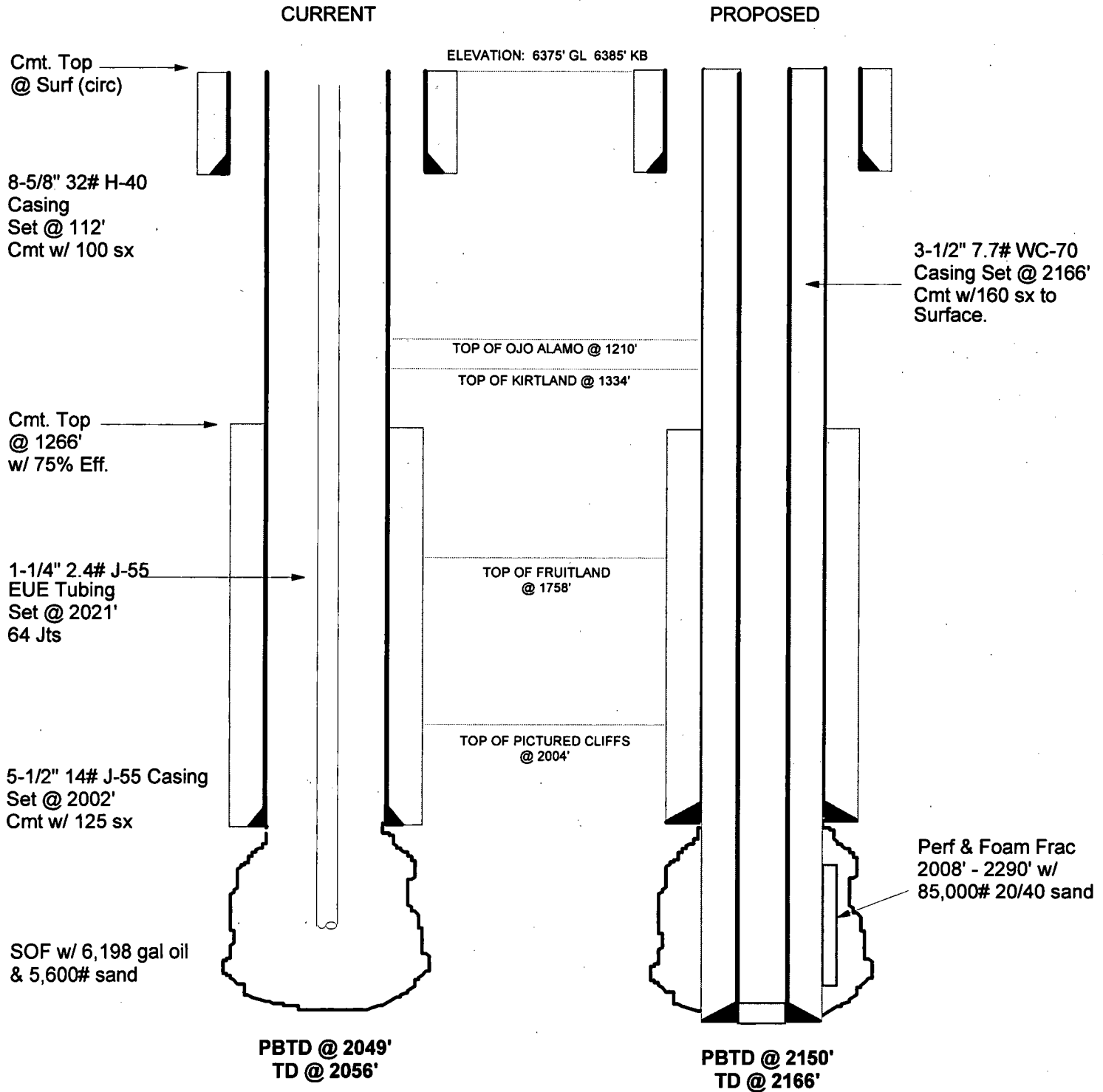
Charles J. Finklea
N. Mex. Reg. No. 1302

Surveyed **11 May**, 19**54**

Ballard #5

Section 14P, T-26-N, R-9-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
~~Improvement~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico
(Place)June 21, 1954
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Turner

Ballard - Federal

Well No. 1-14, in SE 1/4 SE 1/4,

(Company or Operator)

(Lease)

P

14

T

26 N

R

9 W

East Kuts Extension

Pool

(Unit)

San Juan

County. Date Spudded 4/20/54, Date Completed 5/15/54

Please indicate location:

			X

Elevation 6,375 Total Depth 2,056 P.B.

Top oil/gas pay 2,010 Top of Prod. Form 1,997

Casing Perforations: None or

Depth to Casing shoe of Prod. String 2,002

Natural Prod. Test BOPD

based on bbls. Oil in Hrs Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs Mins.

Gas Well Potential 2,143 MCF/D (3 hour gauge after 11 day shut in)

Size choke in inches

Date first oil run to tanks or gas to Transmission system: Well shut in

Transporter taking Oil or Gas: El Paso Natural Gas Company

Remarks: Gas will be delivered to El Paso Natural Gas Company as soon as connection is made.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved _____, 19____

OIL CONSERVATION COMMISSION

By: _____

Title: _____

By: 
(Signature)

Title: C. Benson Neal, Agent in Farmington

Send Communications regarding well to:

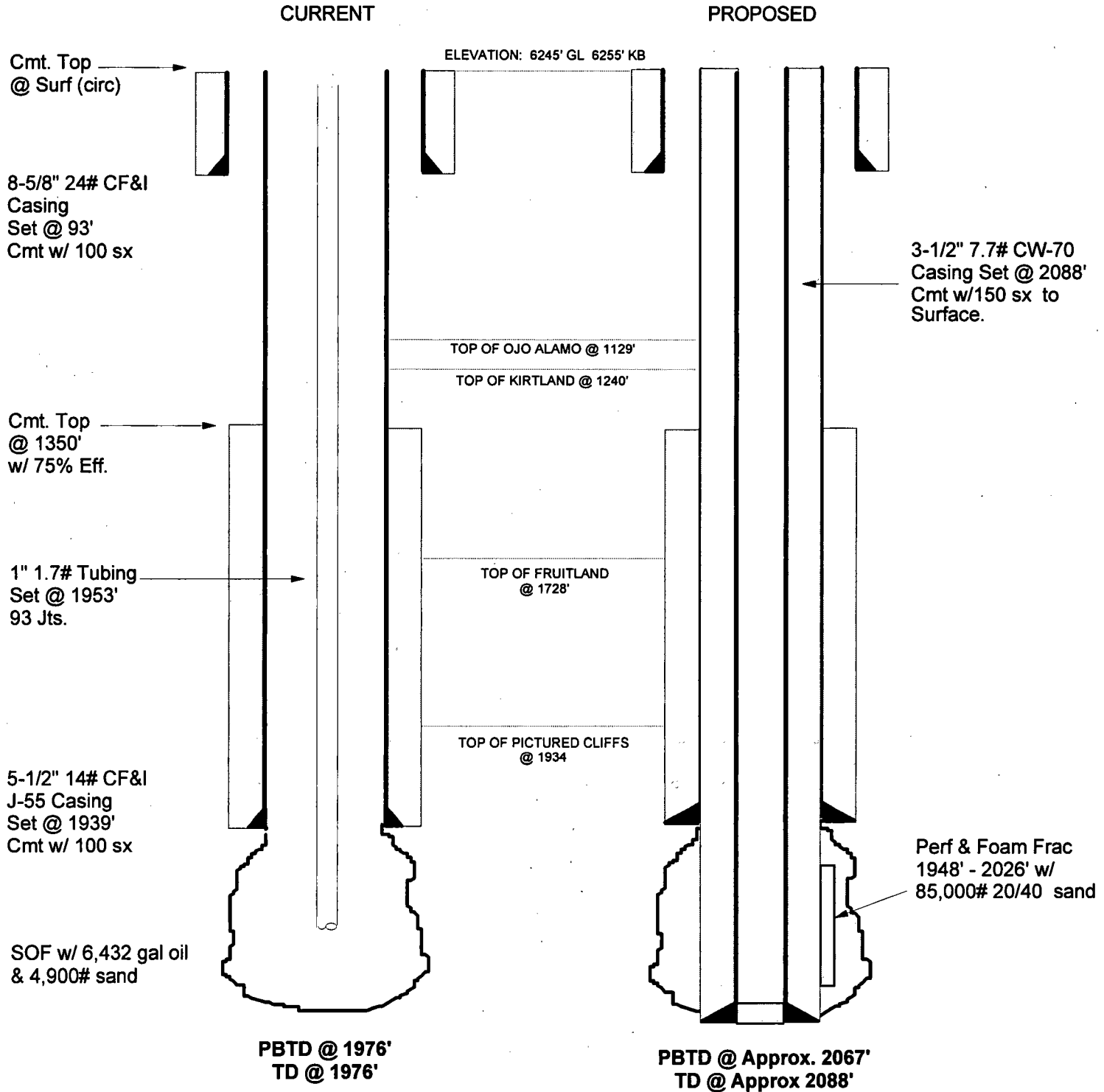
Name: C. Benson Neal

Address: Box 728, Farmington, New Mexico

Crandell #1

Section 11M, T-26-N, R-9-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

Date _____
J. Glenn Turner Crandell Federal 1-11
Operator Lease Well No.

Name of Producing Formation Pictured Cliff Pool Wildcat

No. Acres Dedicated to the Well 160

Indicate land status and show ownership Federal

SECTION 11 TOWNSHIP 26N RANGE 9W

I hereby certify that the information given above is true and complete to the best of my knowledge.

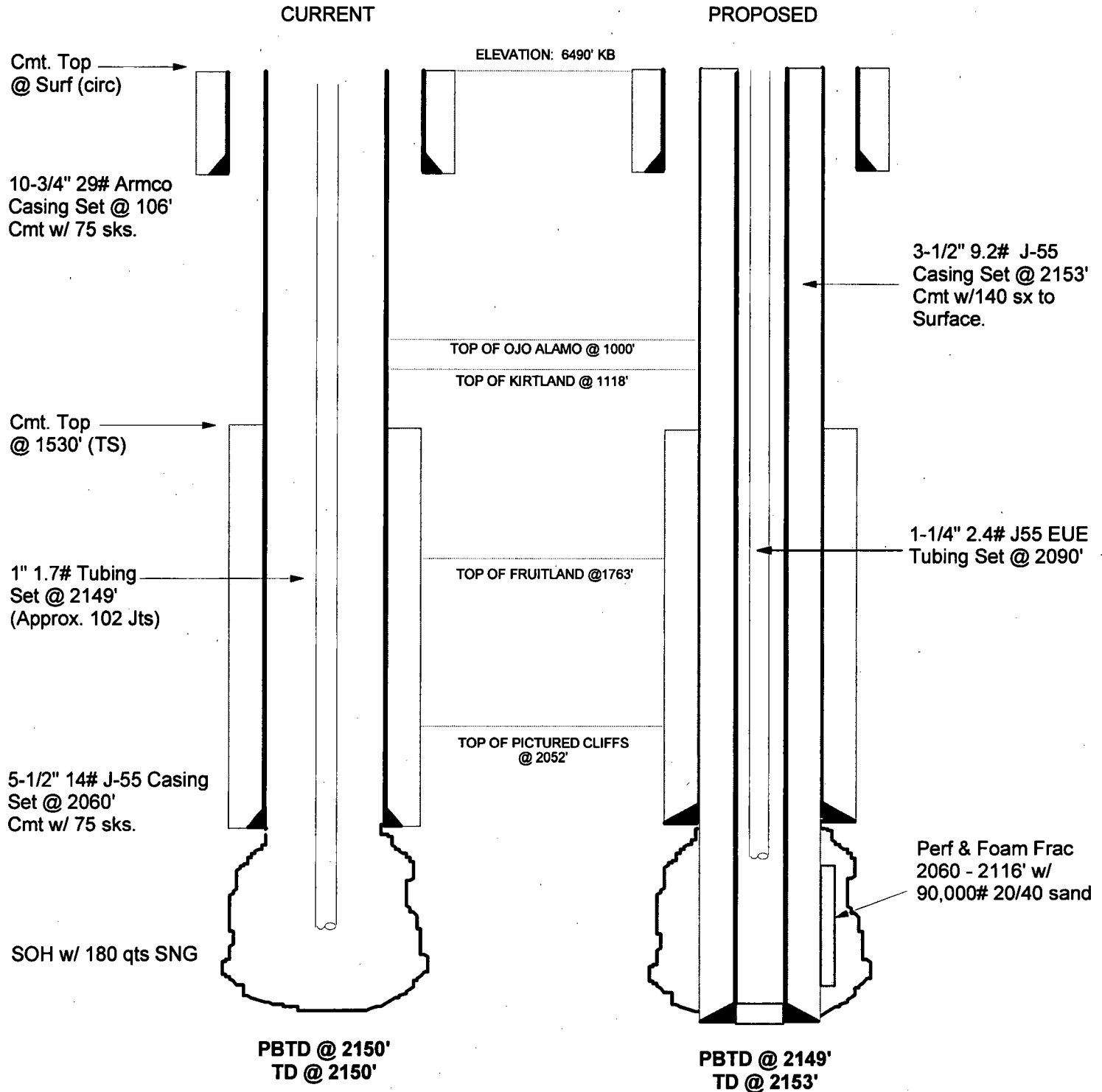
Name _____
Position _____
Representing _____
Address _____

(over)

Douthit #3

Section 26P, T-27-N, R-11-W
San Juan County, NM

WEST KUTZ PICTURED CLIFFS WELLBORE SCHEMATIC

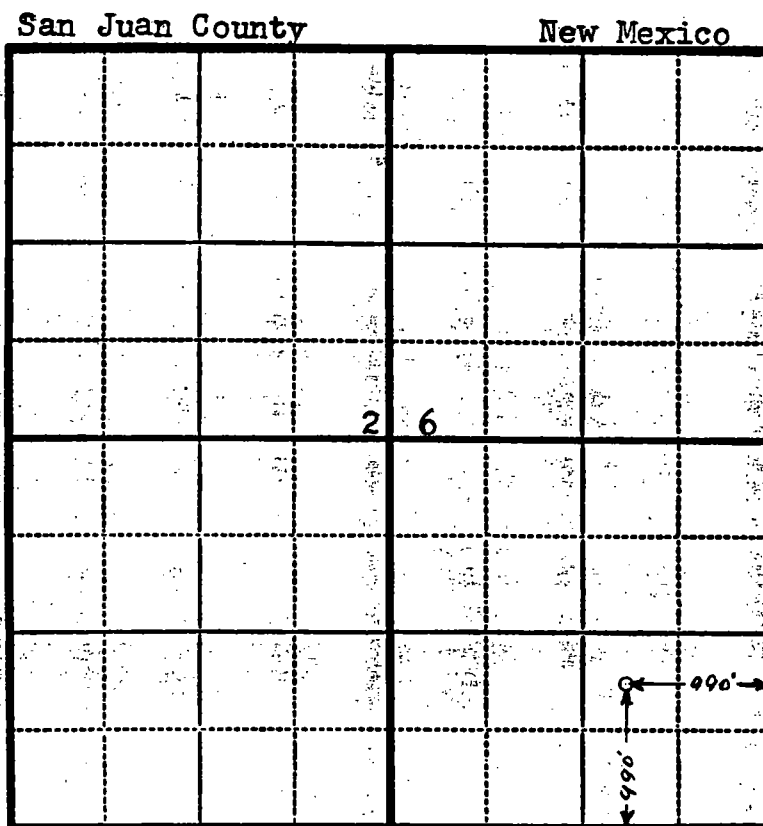


Company British-American Oil Producing Co.

Lease Douthit Well No. 3

Sec. 26 T. 27 N. R. 11 W., N.M.P.M.

Location 990' from the South line and 990'
from the East line.



RECEIVED

DEC 11 1951

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Scale—4 inches equals 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Charles J. Finklea

Seal:

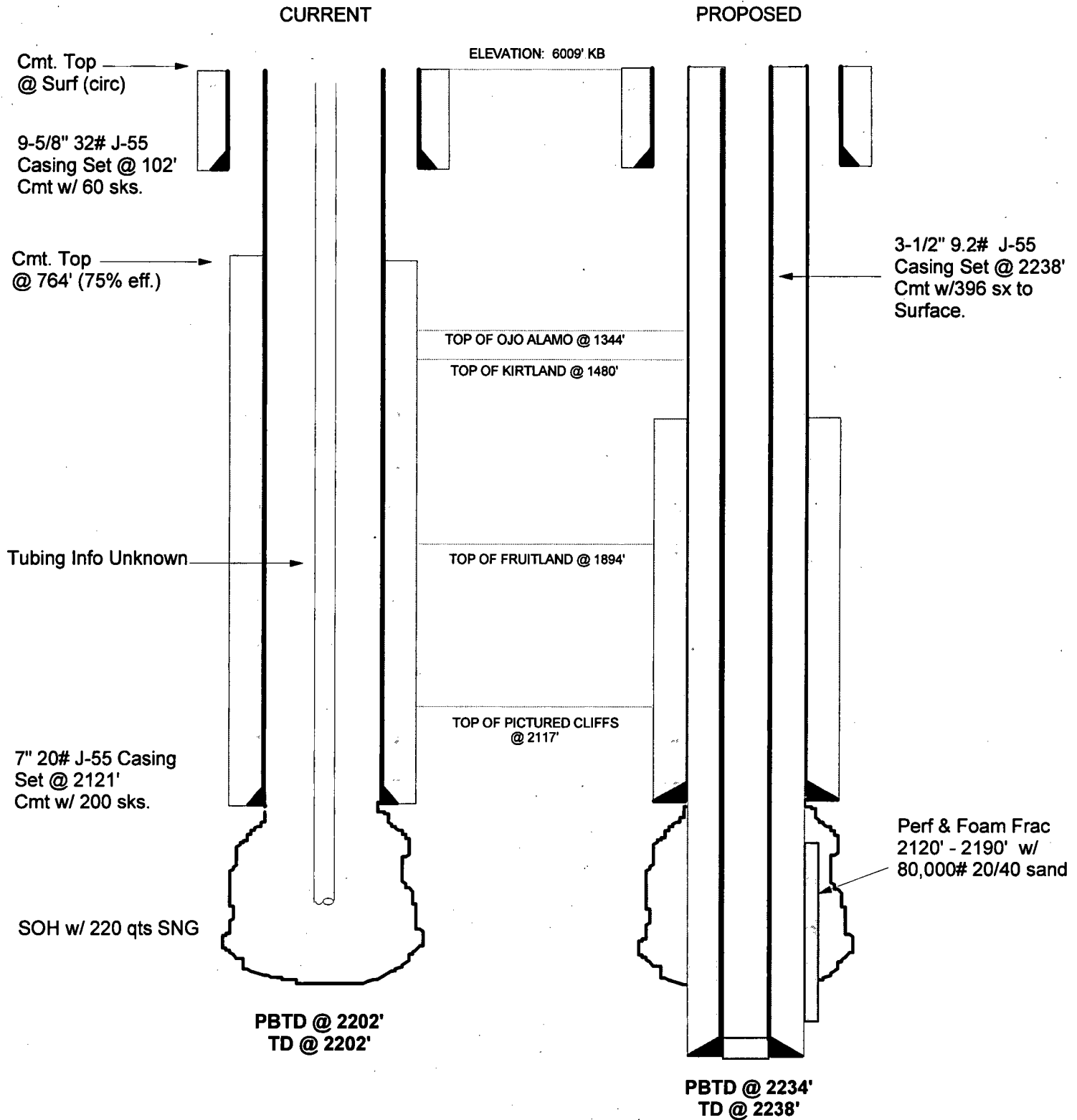
Registered Professional Charles J. Finklea
Engineer and Land Surveyor. N. Mex. Reg. No. 1302

Surveyed November 24, 1951

Harrington #3

Section 31P, T-27-N, R-7-W
Rio Arriba County, NM

SOUTH BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC



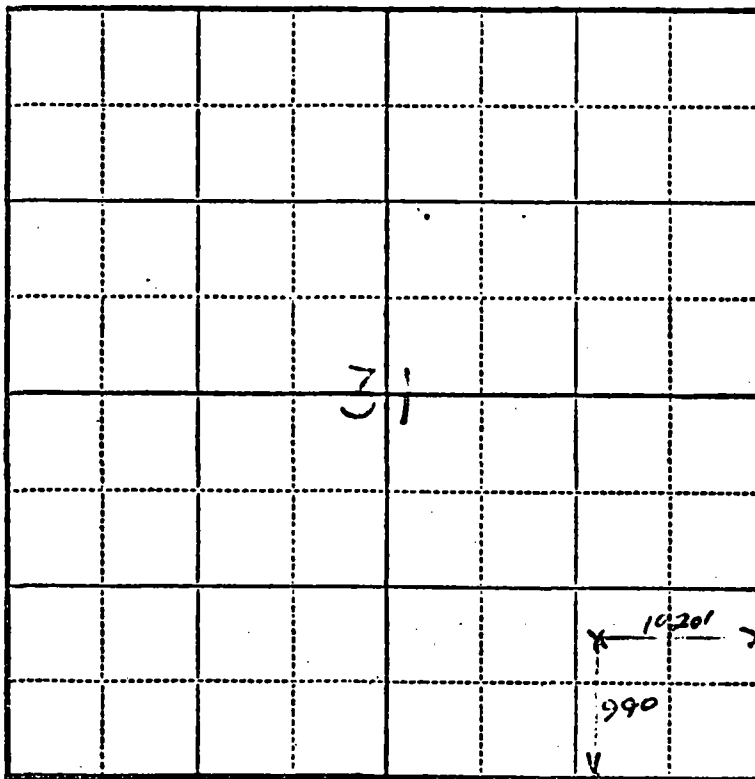
Company H. J. McCrease

Lease _____ Well No. _____

Sec. 31 T. 27 N., R. 7 W., N.M.P.M.

Location 990' from the S. A 1000' from the E. lines

Sic Arriba County New Mexico



Scale—4 inches equals 1 mile.

REMARKS:

GROUND ELF, 6008' ft,

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

John H. Hays
Registered Professional
Engineer and Land Surveyor.

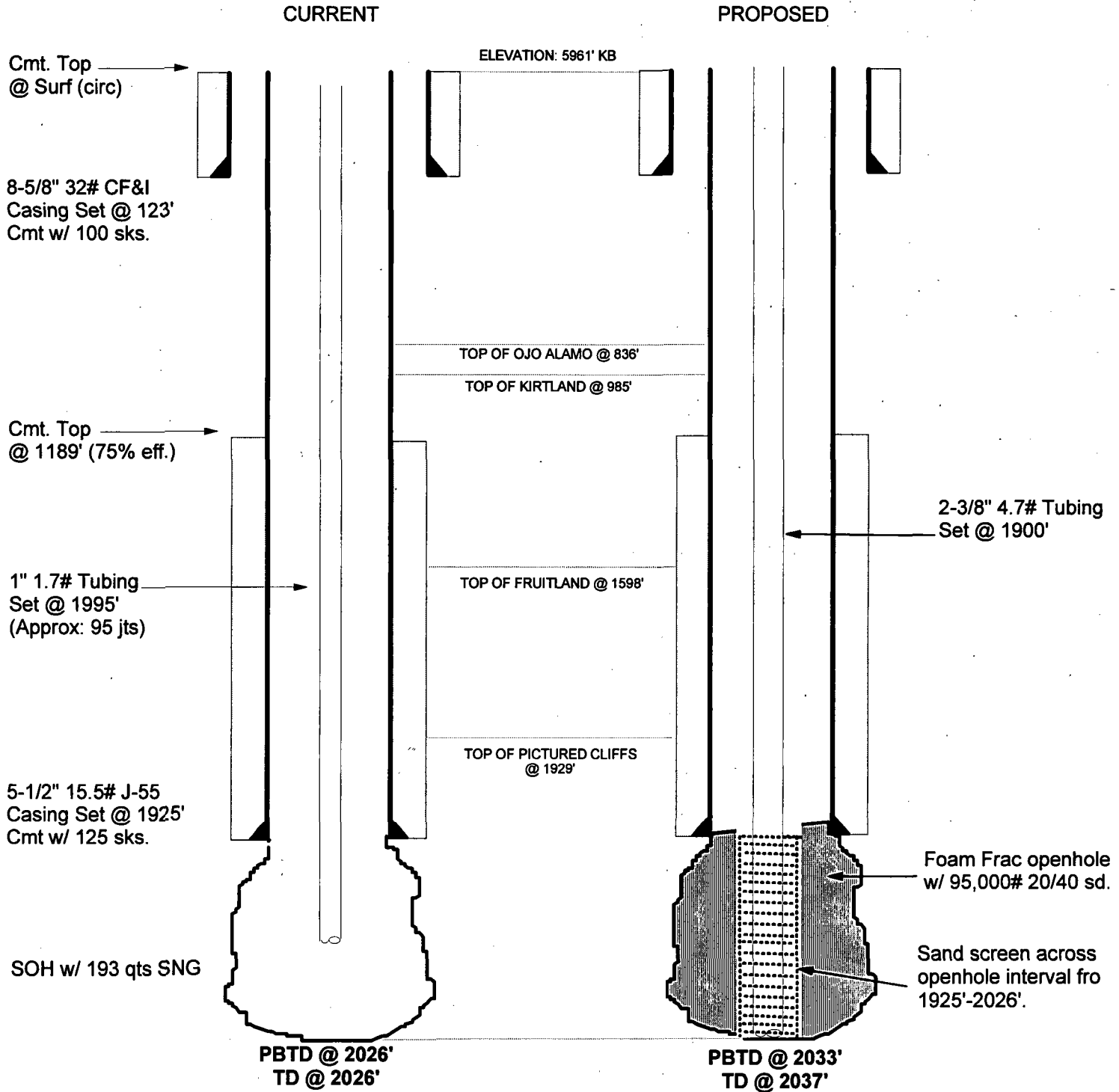
Farmington, New Mexico

Surveyed on the 15th day of March of 195 2

Hubbell SRC #2

Section 30I, T-28-N, R-10-W
San Juan County, NM

FULCHER-KUTZ PICTURED CLIFFS WELLBORE SCHEMATIC



Company Southern Union Gas Company

Lease _____ Well No. _____

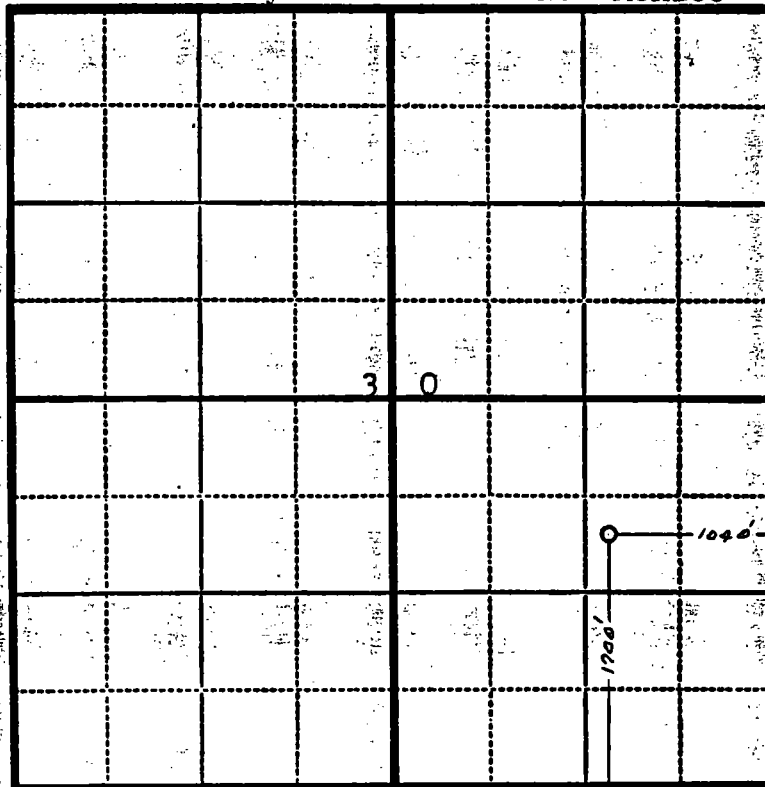
Sec. 30 T. 28 N. R. 10 W. N.M.P.M.

Location 1700' from the South line and 1040'
from the East line.

Hilobell #2 SRC

San Juan County

New Mexico



Scale—4 inches equals 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Charles J. Finklea

Seal:

Registered Professional
Engineer and Land Surveyor.

Charles J. Finklea
N. Mex. Reg. No. 1302

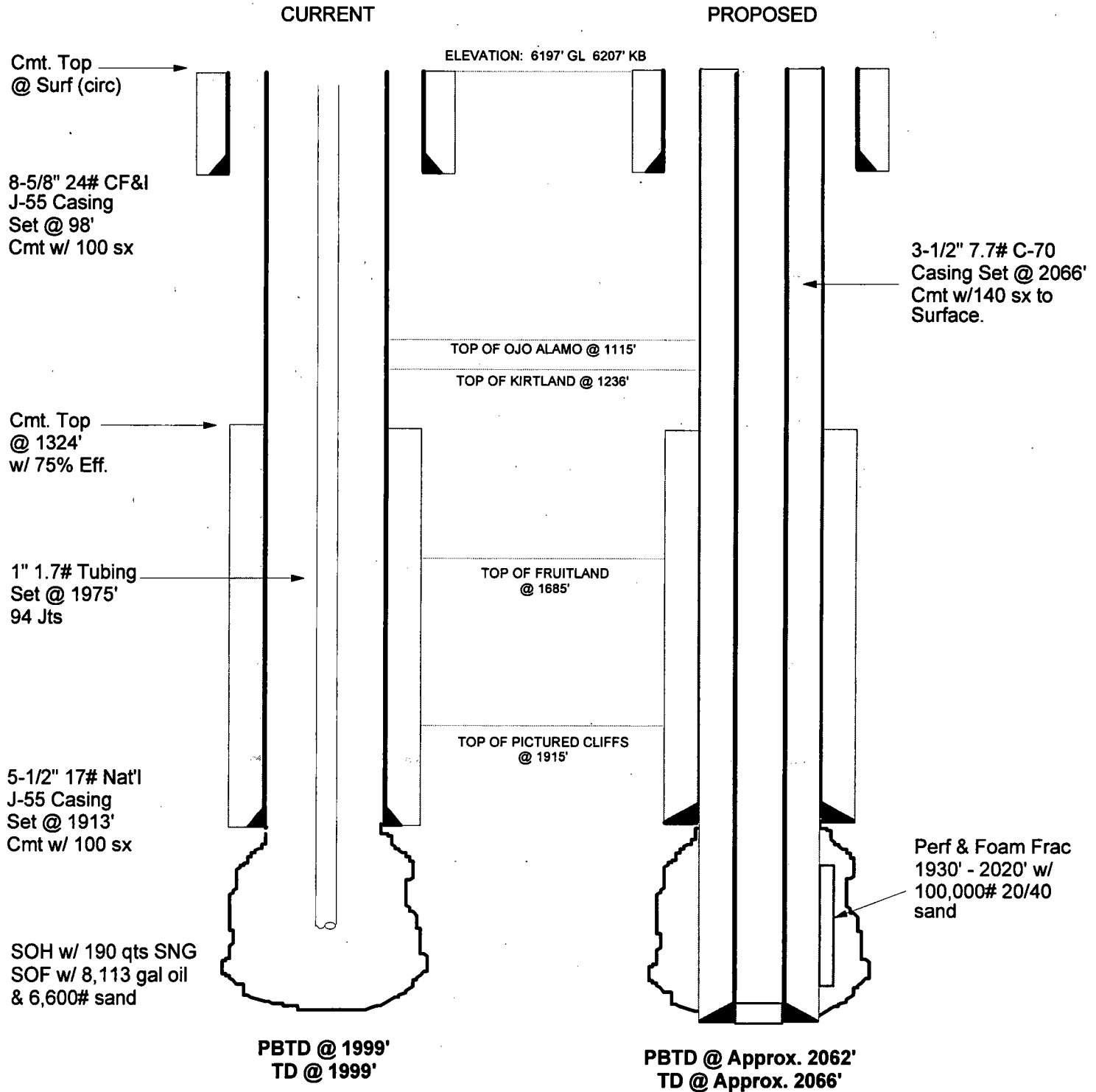
Surveyed October 11, 1951



Huerfanito Unit #64

Section 12D, T-26-N, R-9-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



COMPANY J. Glenn Turner

Well Name & No. ~~Wellard Federal No. 3-12~~

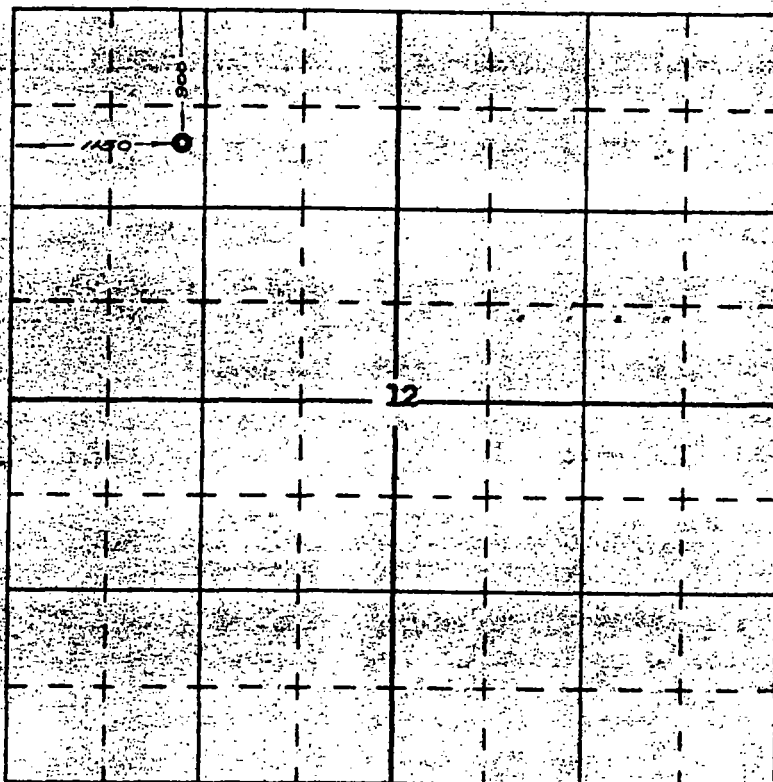
Lease No. ~~87-078133~~

Location 900' from the North line and 1150' from the West line,

Being in the NW¹ of the NW¹

Sec. 12, T 26N., R 9 W., N.M.P.M., San Juan County, New Mexico.

Ground Elevation 6397



Scale -- 4 inches equals 1 mile

Surveyed

October 26

1954

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Ernest V. Echohawk

Registered Professional
Engineer and Land Surveyor.
Ernest V. Echohawk
N. Mex. Reg. No. 1545

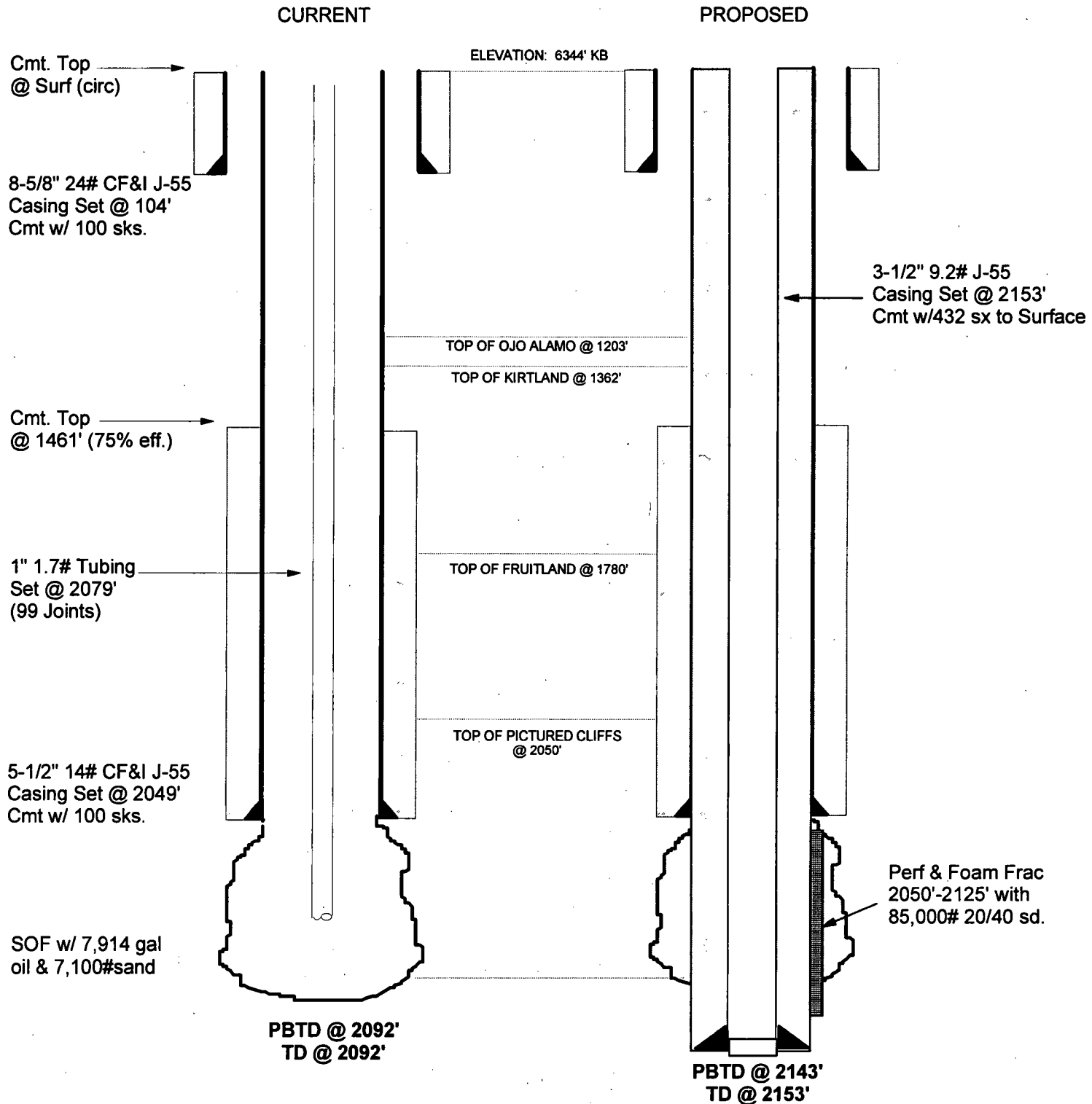


San Antonio, New Mexico

Huerfanito Unit #69

Section 10D, T-26-N, R-9-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



COMPANY J. Glenn Turner

Well Name & No. Granelli-Federal No. 1-10

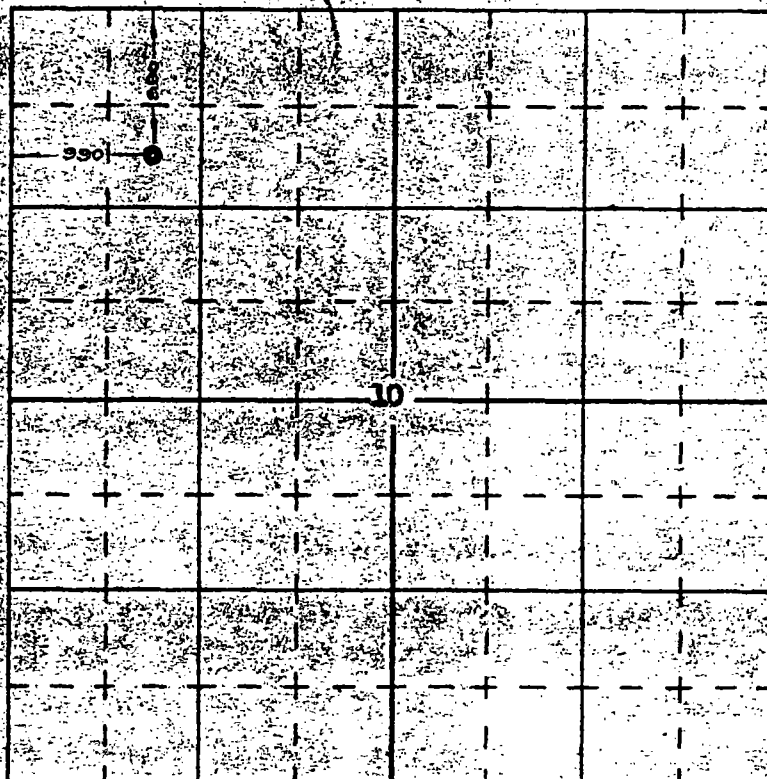
Lease No. 22-27413

Location 990' from the North line and 990' from the West line.

Being in the NW¹ of the NW¹

Sec. 10, T 26 N., R 9 W., N.M.P.M., San Juan County, New Mexico.

Ground Elevation 4135



Scale - 4 inches equals 1 mile

Surveyed October 26

1954

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Ernest V. Echshaw

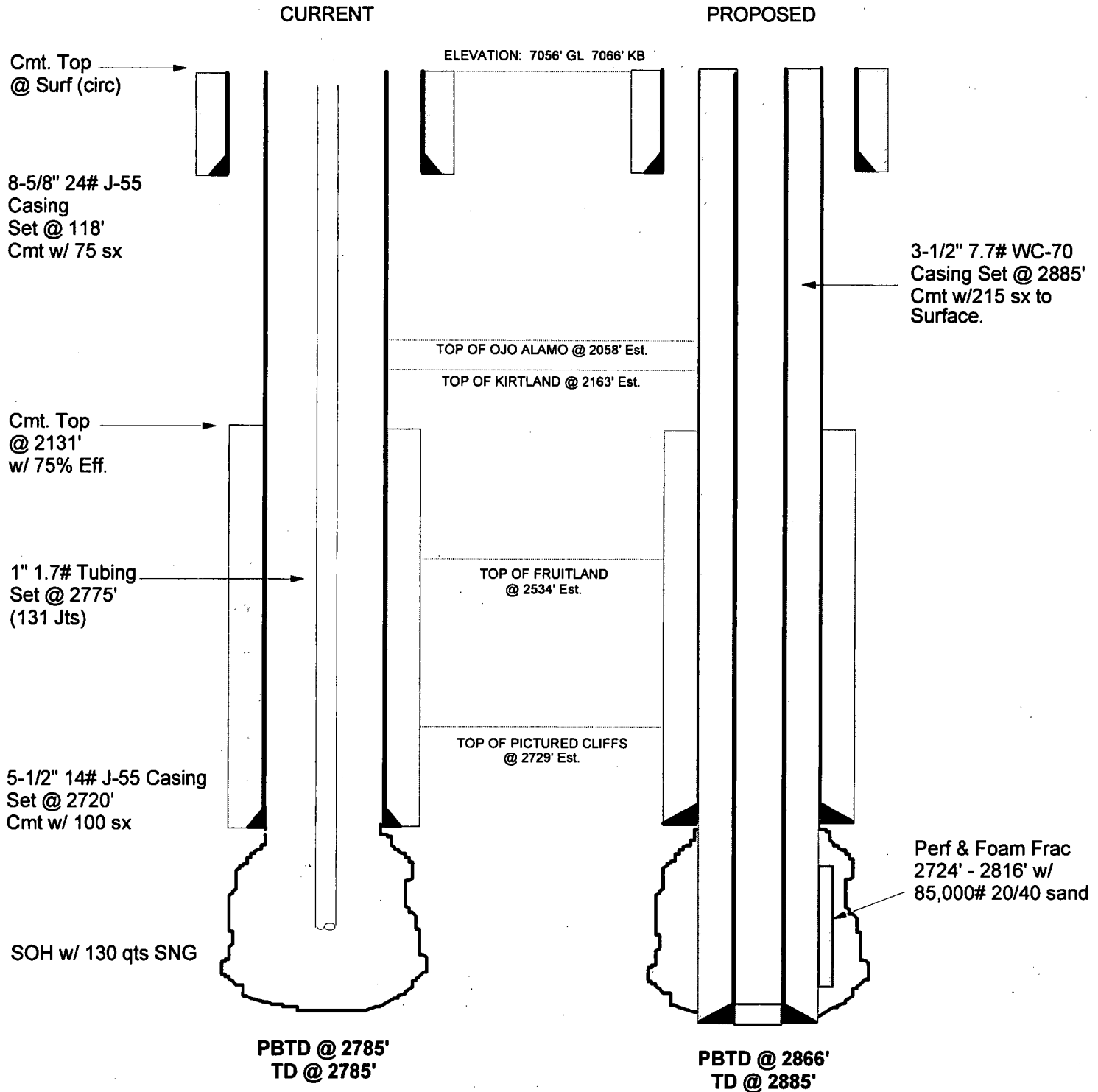
Registered Professional
Engineer and Land Surveyor.
Ernest V. Echshaw
N. Mex. Reg. No. 1545



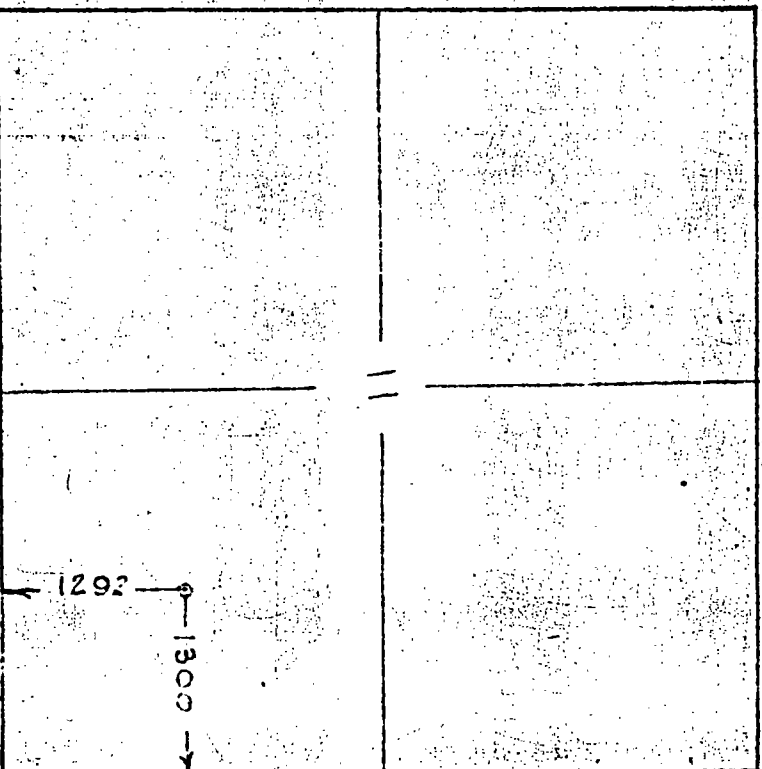
Quitzeau #3

Section 11P, T-25-N, R-8-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



COMPANY Benson & Montin
LEASE Quitzou Well No 3
SECTION 11 T25N, R8W N.M.P.M.
LOCATION 1292' from south line
1300' from east line
San Juan County, New Mexico



This is to certify that the above
plot was prepared from field notes
of actual surveys made by me
and are true & correct to the best
of my knowledge & belief

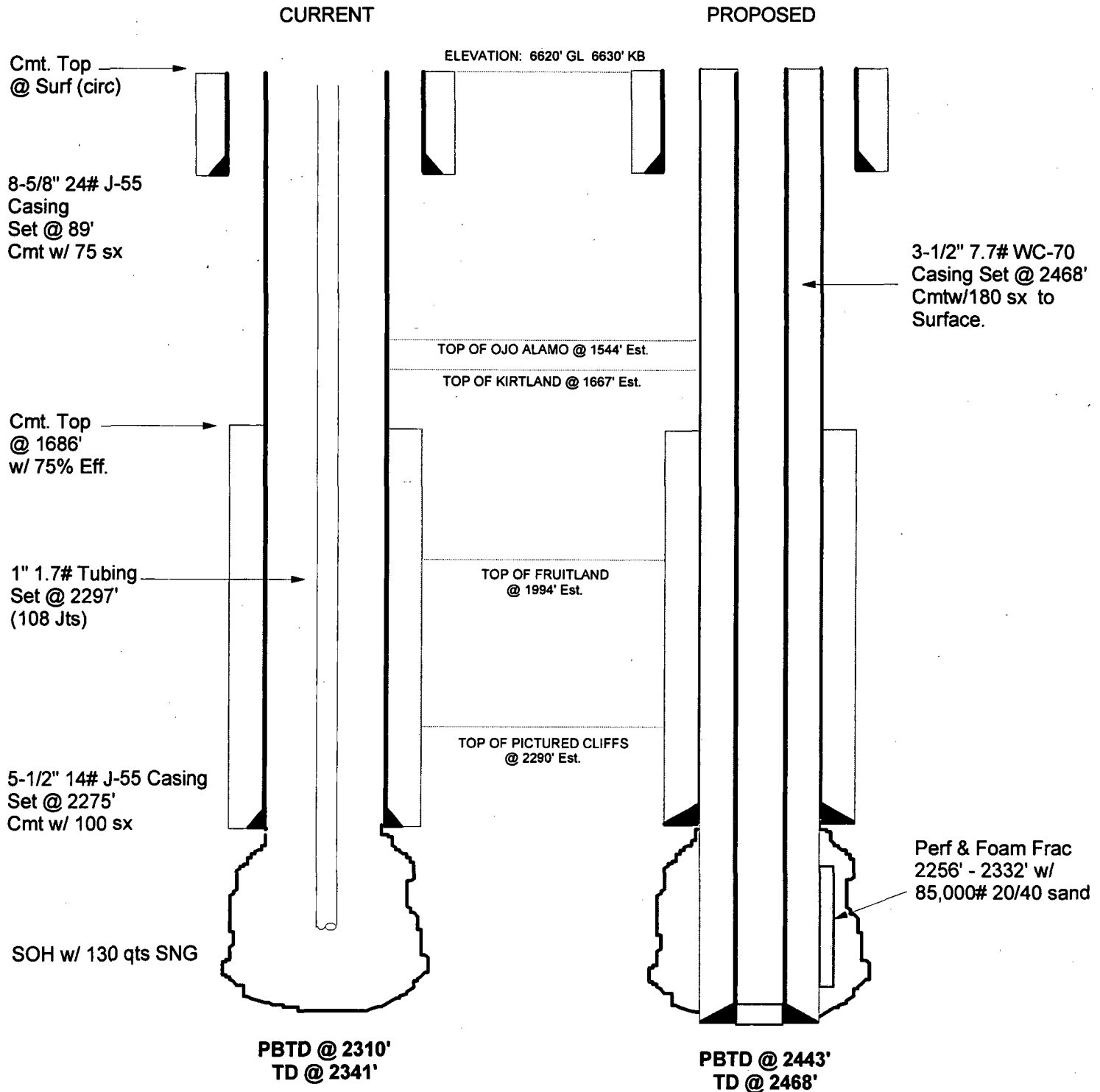
Robert L. Moddax Jr.

Robert L. Moddax Jr.
Registered Professional
Engineer & Land Surveyor
N.Mex. Reg. 1426

Quitzeau #4

Section 3 O, T-25-N, R-8-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



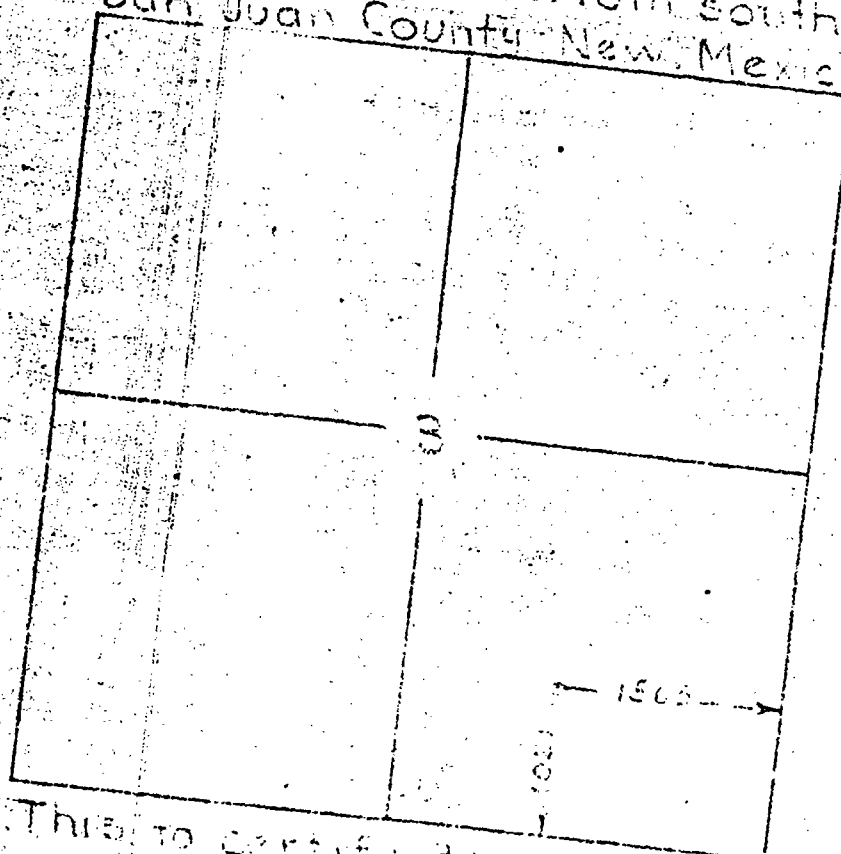
RECEIVED

NOV 12 1954

GEOLOGICAL SURVEY

NEW MEXICO

Company Benson & Montin
Lease Quitzau Well No. 4
Section 3 T25 N. R 3 W. N 4 PM
Location 1565 from east line
1021 from south line
San Juan County New Mexico



This is to certify that the above plat
was prepared from field notes of
actual surveys made by me and
are true and correct to the best
of my knowledge & belief.

Robert L. Maddox Jr.

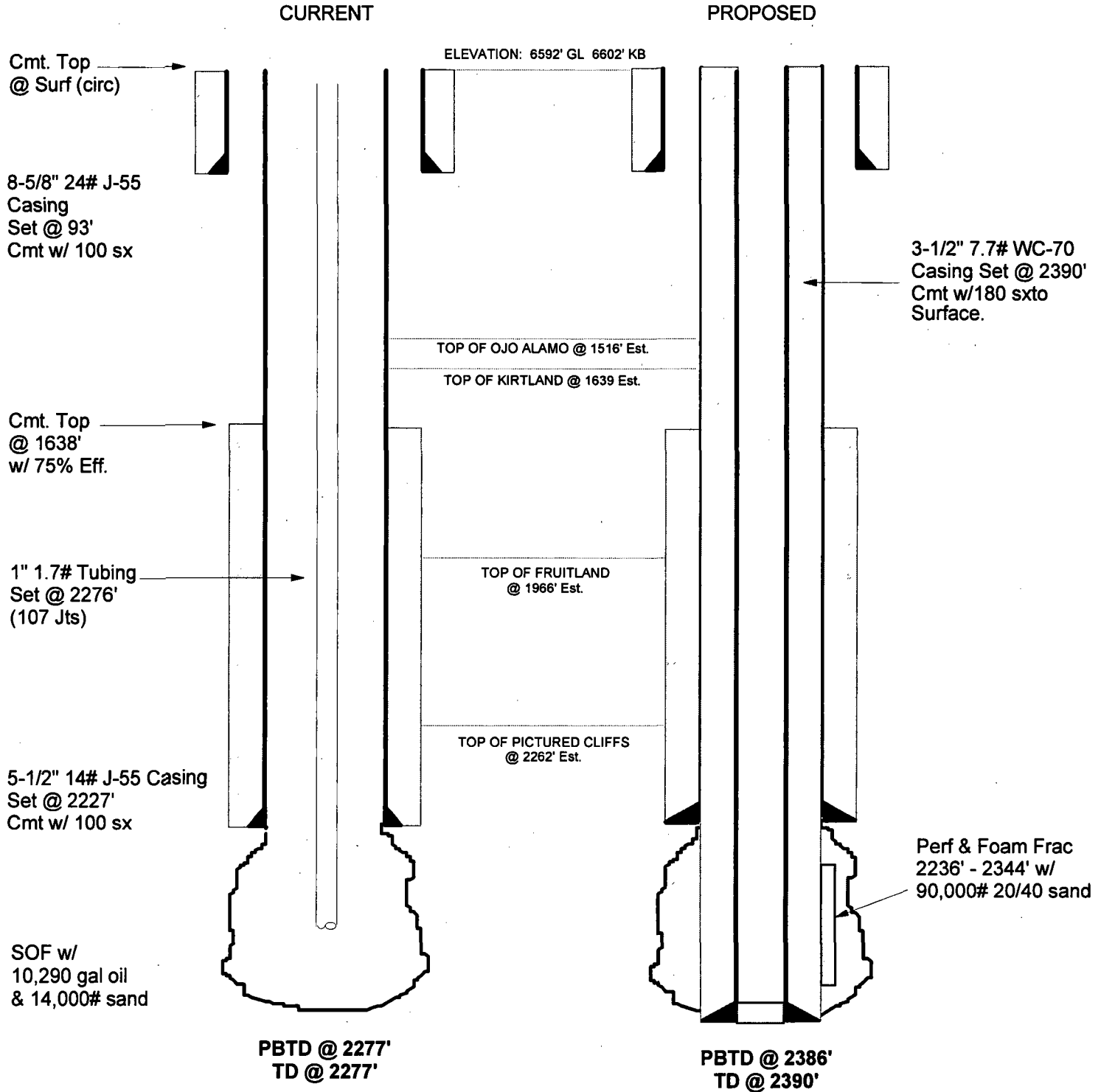
Robert L. Maddox Jr.
Registered Professional
Engineer & Land Surveyor
New Mex. Reg No. 1426

9-19-54

Quitzeau #5

Section 3 M, T-25-N, R-8-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/53)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico

6-23-55

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

BARNES-MARTIN

QUINLAN

Well No. 8, in 28 $\frac{1}{4}$ 28 $\frac{1}{4}$,

(Company or Operator)

(Lease)

Sec. 2, T. 28N, R. 2E, NMPM, Ballard #5 Pool

(Unit)

County. Date Spudded 4-12-55, Date Completed 5-31-55

Please indicate location:

Elevation 6462 Total Depth 2297 P.B.

Top oil/gas pay 2292 Name of Prod. Form Pictured Cliffs

Casing Perforations: or

Depth to Casing shoe of Prod. String 2297

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 9,065 MCF/day (uncontracted)

Size choke in inches 2"

Date first oil run to tanks or gas to Transmission system: awaiting approval

Transporter taking Oil or Gas: El Paso Natural Gas Company

Casing and Cementing Record

Size Feet Sx

<u>8-5/8"</u>	<u>64</u>	<u>100</u>
<u>8-1/2"</u>	<u>2000</u>	<u>100</u>
<u>1"</u>	<u>2296</u>	<u>-</u>

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved BARNES-MARTIN, 19

(Company or Operator)

OIL CONSERVATION COMMISSION

By:

(Signature)

Field Superintendent

Title

Send Communications regarding well to:

Title

Albert E. Grew

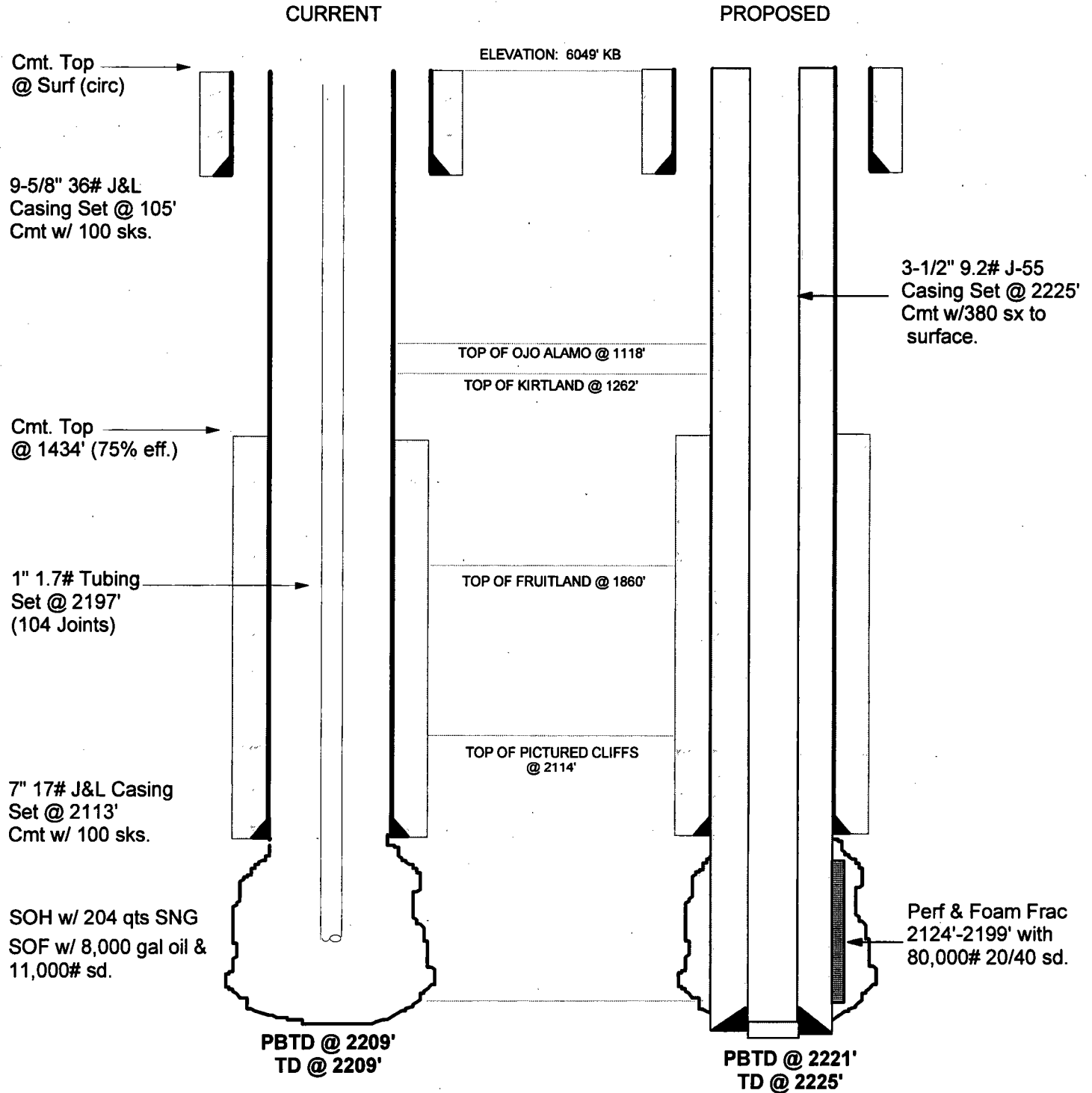
Name

Address 400 1/2 W. Broadway, Farmington, New Mexico

Turner Hughes #10

Section 11B, T-27-N, R-9-W
San Juan County, NM

SOUTH BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/53)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Dallas, Texas
(Place)

July 21, 1953
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Byrd Oil Corporation J. P. Hughes, Well No. 1, in NE $\frac{1}{4}$ $\frac{1}{4}$,
(Company or Operator) (Lease)

Sec. 11, T. 27N, R. 9W, NMPM., West Data Canon Pool
(Unit)

San Juan County. Date Spudded 7-29-52, Date Completed 8-16-52

Please indicate location:

Elevation 6940 Total Depth 2209 P.B.

Top oil gas pay 2113 Prod. Form Plastered Cliffs

Casing Perforations: none or

Depth to Casing shoe of Prod. String 2113

Natural Prod. Test BOPD.

based on bbls. Oil in

Test after acid or shot BOPD.

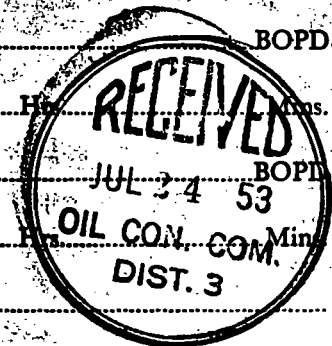
Based on bbls. Oil in

Gas Well Potential 310 MCF per day

Size choke in inches Open flow through 2"

Date first oil run to tanks or gas to Transmission system:

Transporter taking Oil or Gas: El Paso Natural Gas Co.



Casing and Cementing Record
Size Feet Sx

9-5/8	105	100
7	2113	100

Remarks: Shot 20# qts SMD 6" shell 2113-2191, cleaned out to 2209.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved July 24 1953 BYRD OIL CORPORATION

OIL CONSERVATION COMMISSION

Original signed by

By: John J. Abendschan By: A.E. Voorheide, Jr.
(Signature)

Title Oil and Gas Inspector Dist. #3. Title Vice-President

Send Communications regarding well to:

Name Byrd Oil Corporation

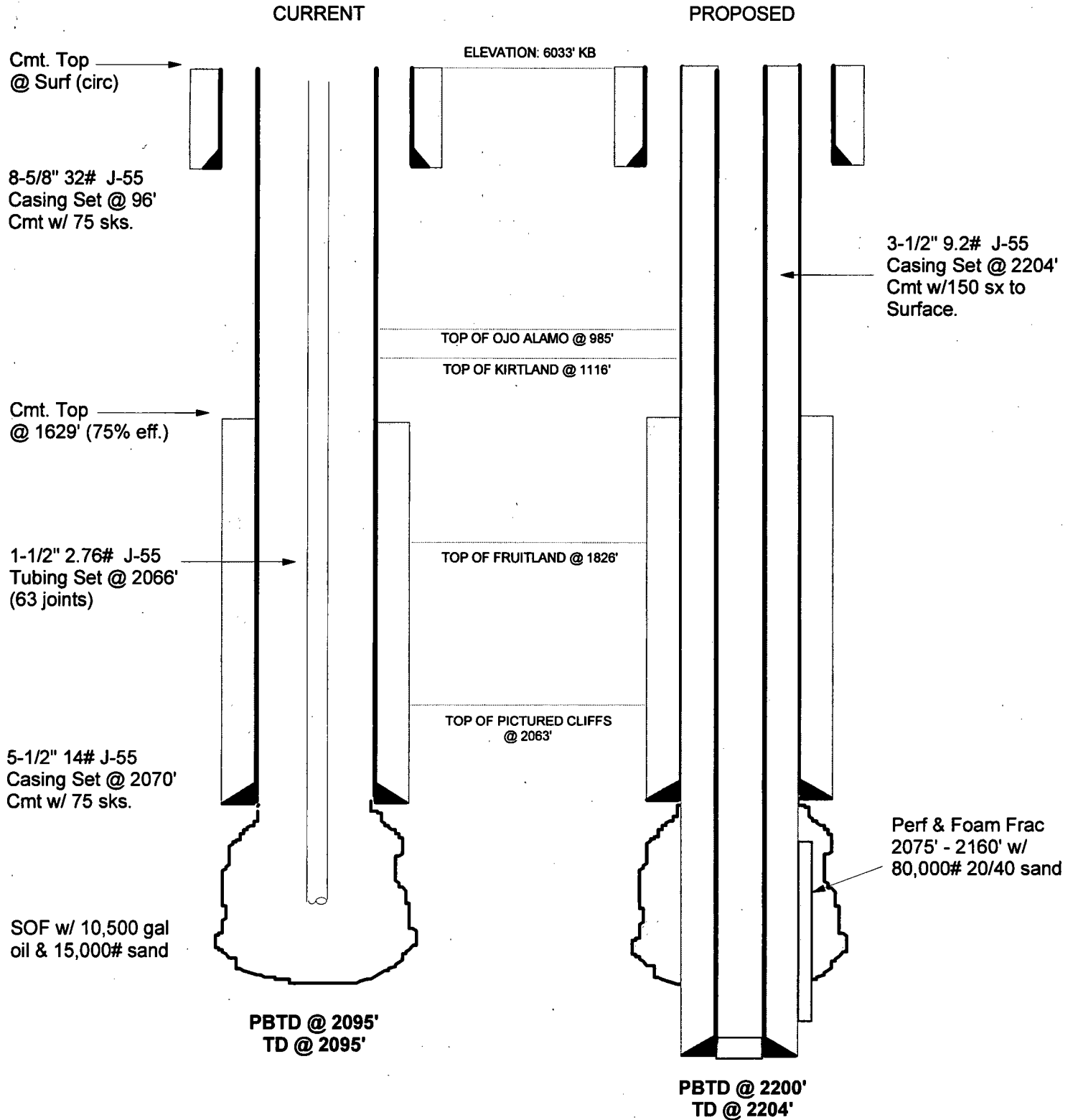
11th Fl.-lower Petroleum Bldg.

Address Dallas, Texas

White Kutz #3

Section 20B, T-28-N, R-10-W
San Juan County, NM

FULCHER KUTZ PICTURED CLIFFS WELLBORE SCHEMATIC



Form C-128

Date

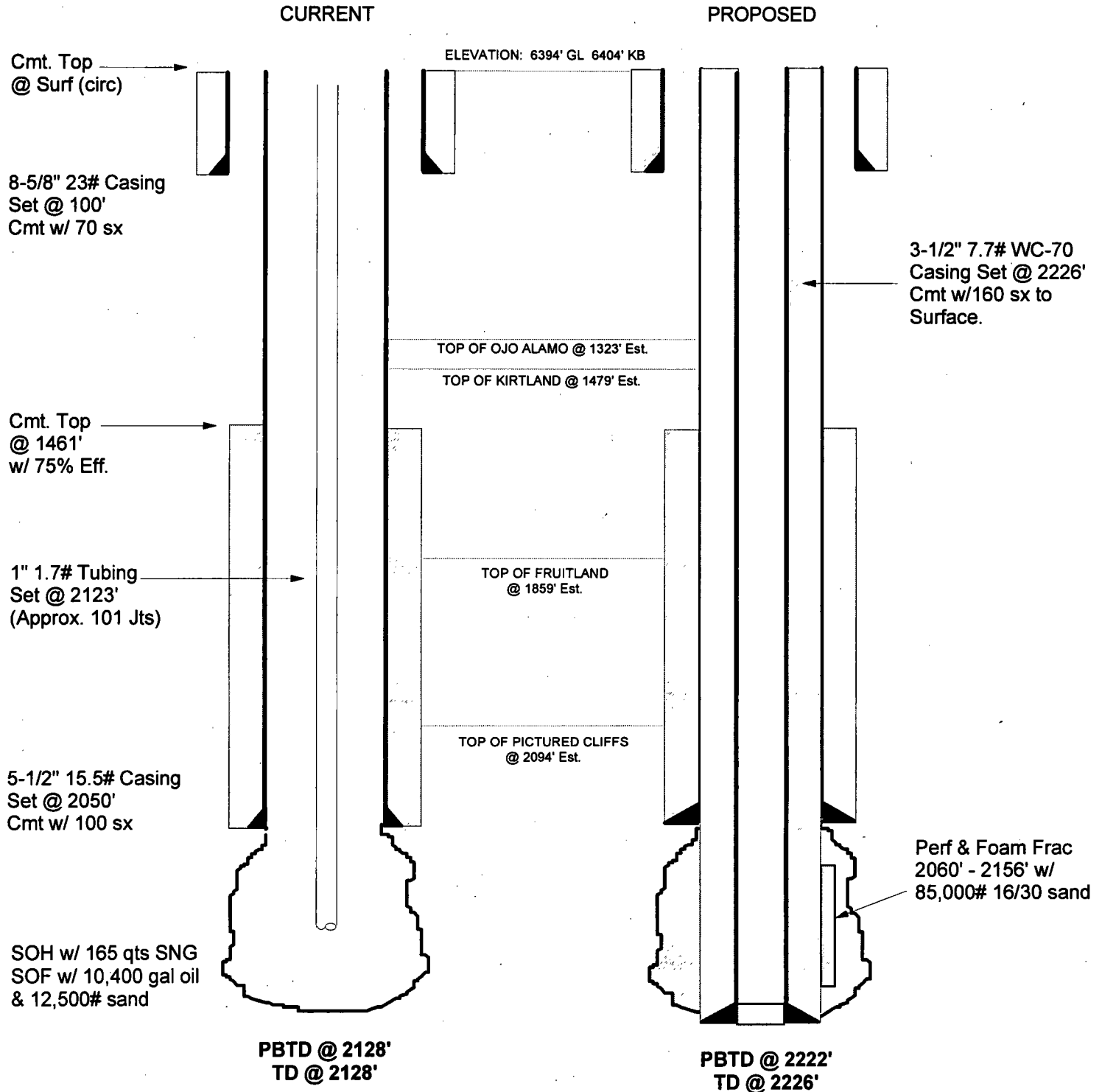
Date Surveyed _____

**Registered Professional Engineer and/or
Land Surveyor** _____

Wilson A #1

Section 32D, T-26-N, R-8-W
San Juan County, NM

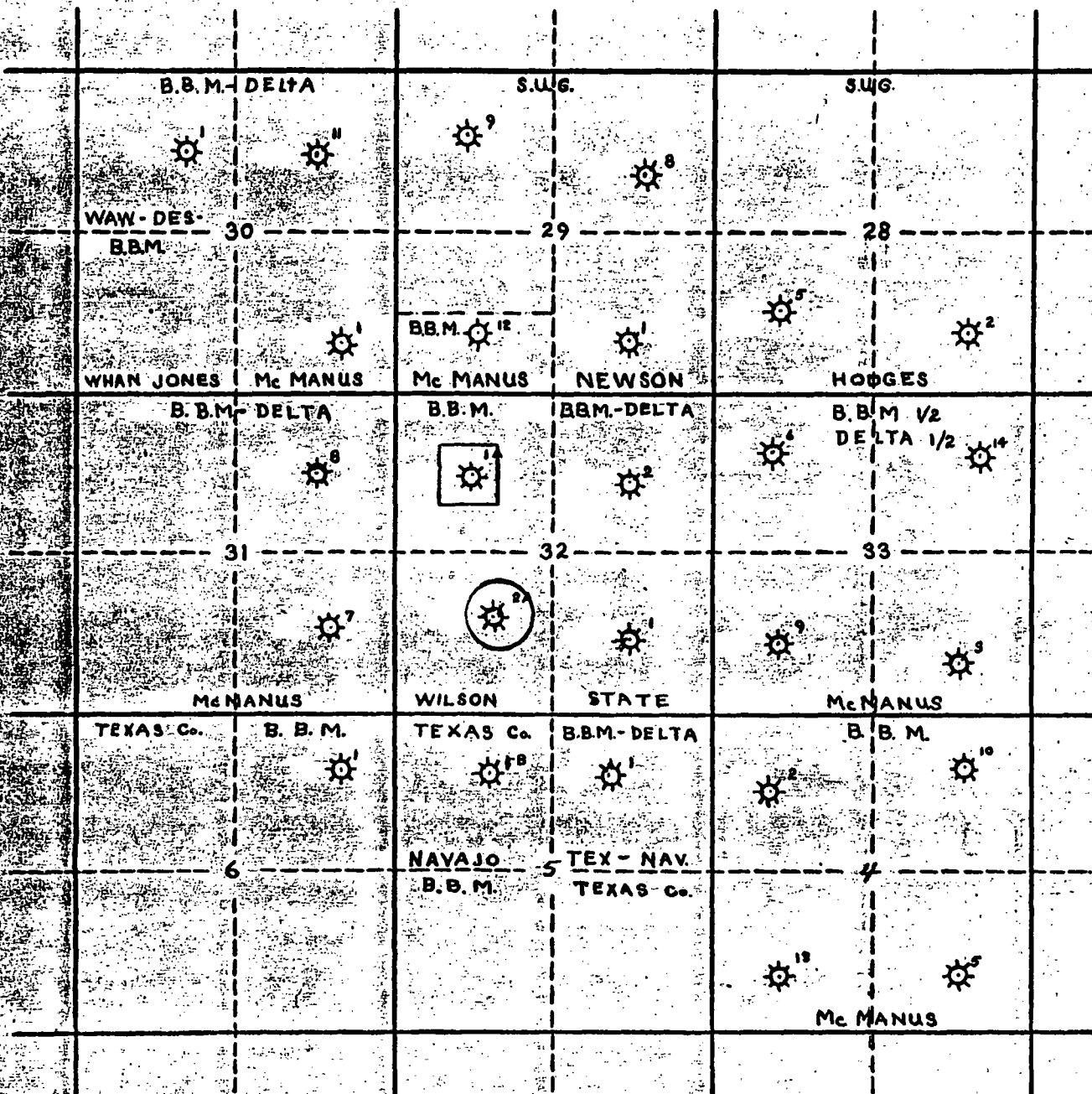
BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



SAN JUAN COUNTY NEW MEXICO

BALLARD POOL

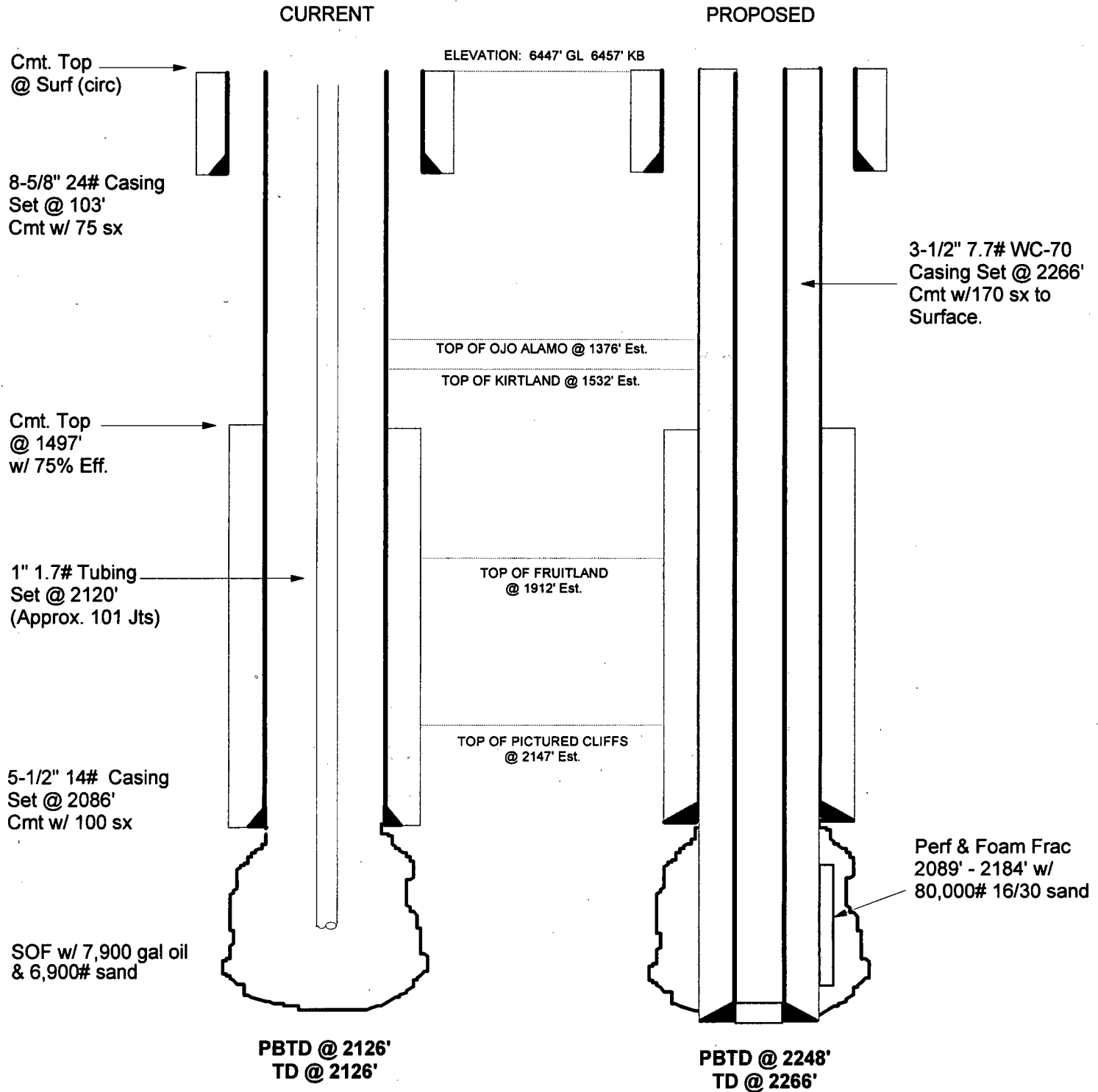
TOWNSHIP 25-26 N. RANGE 8 W.



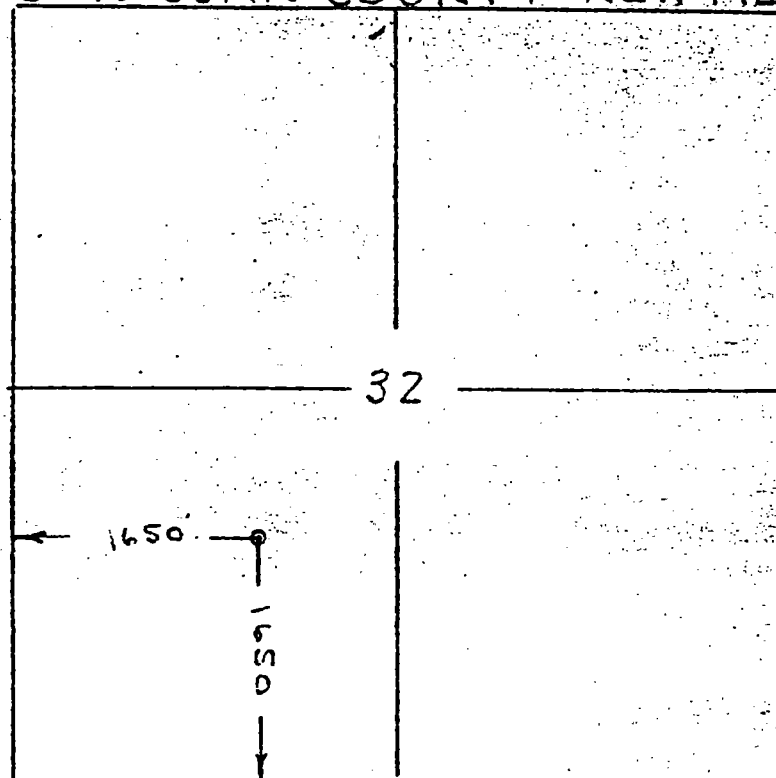
Wilson A #2

Section 32K, T-26-N, R-8-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



COMPANY - Benson & Montin
LEASE - Wilson Well No. 2
SECTION - 32 T 26N R 8W NMPM
LOCATION - 1650 From south line
1650 From west line
SAN JUAN COUNTY NEW MEX



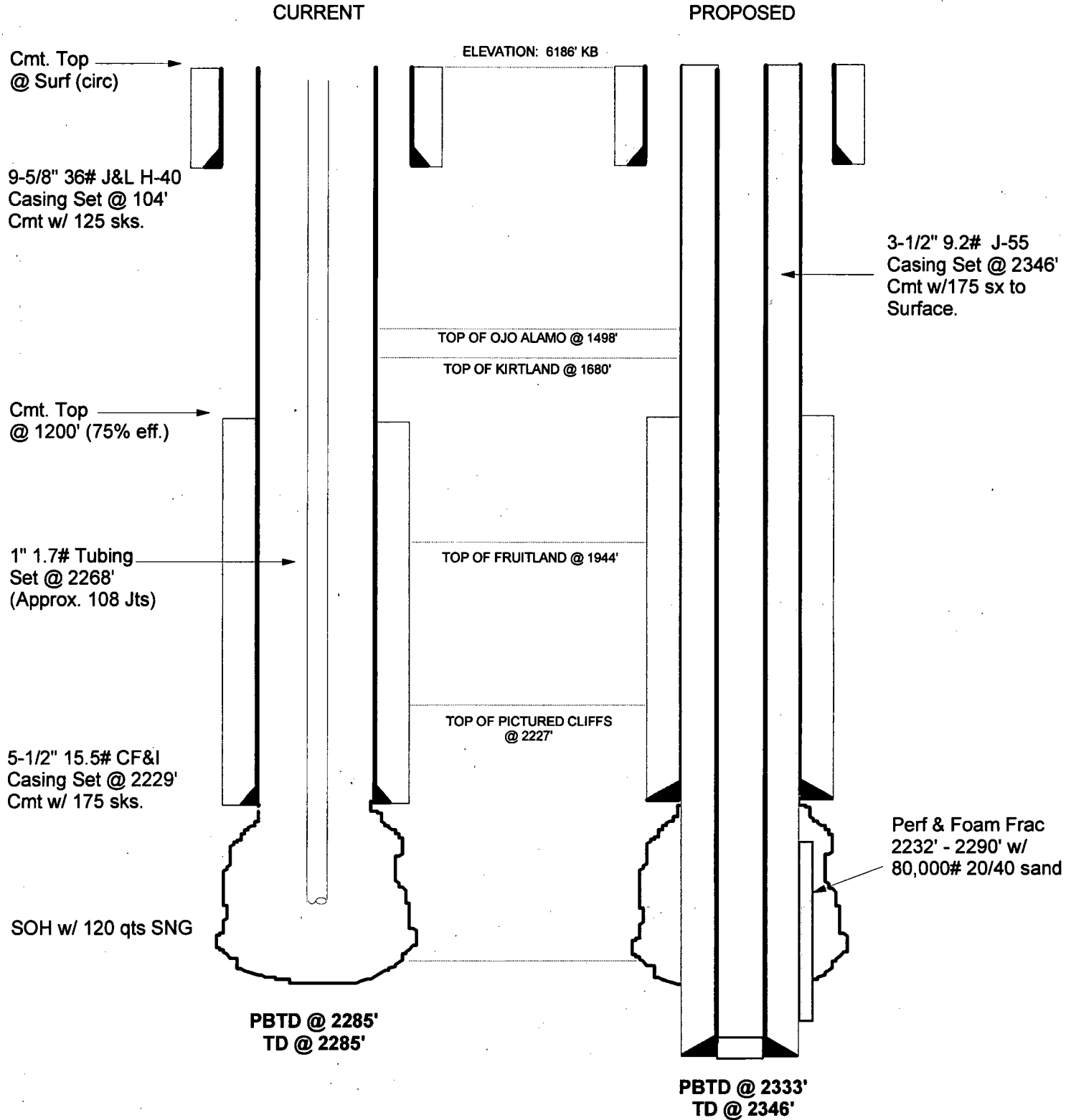
This is to certify that the above
plat was prepared from field notes
of actual surveys made by me &
are true & correct to the best of
my knowledge & belief.

Robert L. Maddox Jr.
Robert L. Maddox Jr.
Registered Professional
Engineer & Land Surveyor
N Mex Reg No. 1426

Luthy A #1

Section 1H, T-26-N, R-8-W
San Juan County, NM

SOUTH BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC

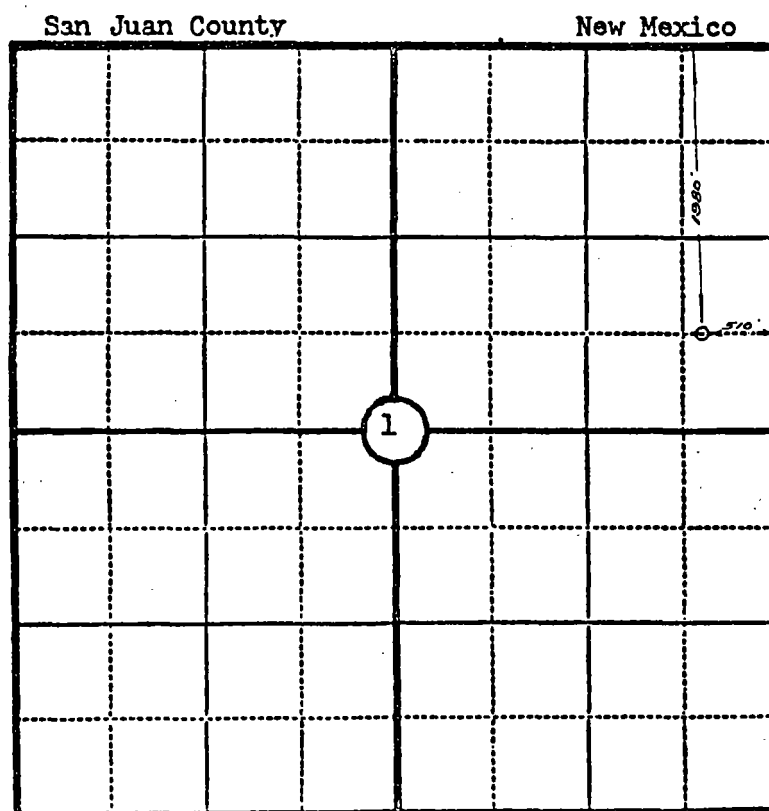


Company.....Ralph E. Davis.....

Lease.....*Luther A*.....Well No.....1.....

Sec.....1....., T.....26 N....., R.....8 W....., N.M.P.M.....

Location.....1980' from the North line and 510' from
the East line.



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Registered Professional
Engineer and Land Surveyor.

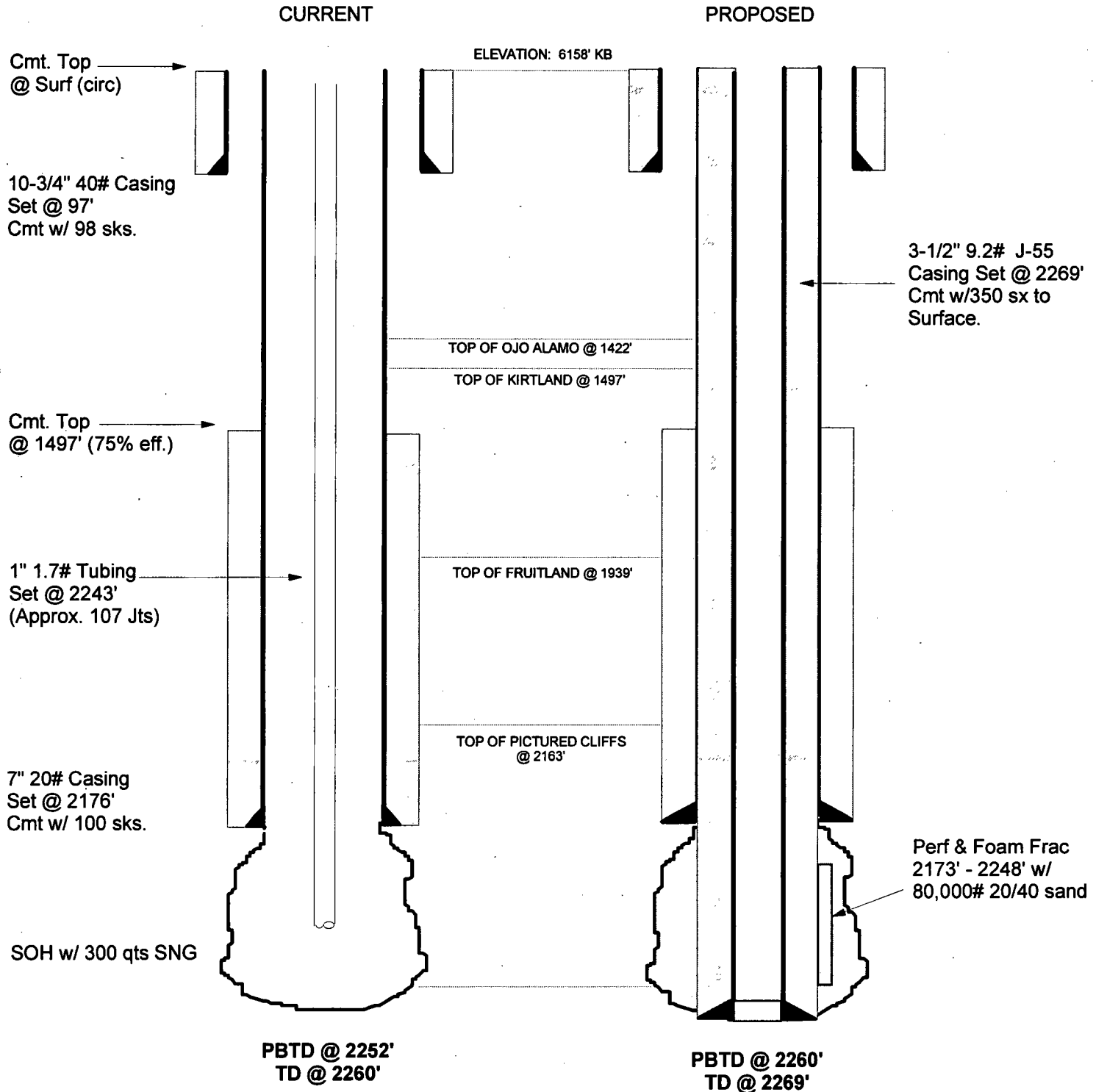
Ernest V. Echohawk
Ernest V. Echohawk
N. Mex. Reg. No. 1545

SurveyedDecember 1....., 19...53..

Luthy #2

Section 1K, T-26-N, R-8-W
San Juan County, NM

SOUTH BLANCO PICTURED CLIFFS WELLBORE SCHEMATIC





Company J. R. Sharp

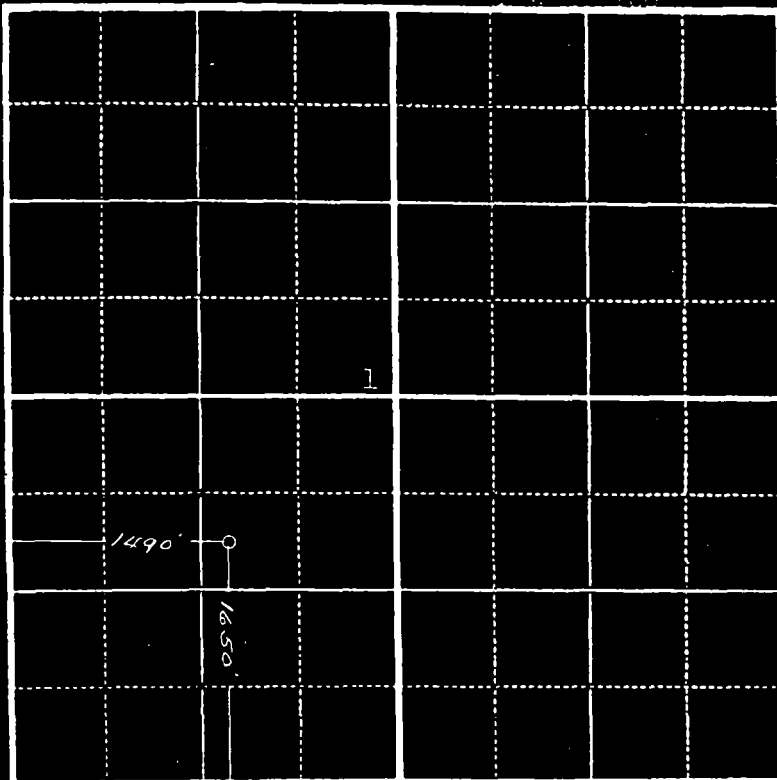
Lease Luby Well No. 2

Sec. 1 T. 24 N., R. 2 W., S. 4, T. 4 N., R. 2 W., S. 4

Location 1650' from the South line and 1490' from the West line.

San Juan County

New Mexico



Scale—4 inches equals 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Charles J. Finck

Seal:

Registered Professional
Engineer and Land Surveyor.

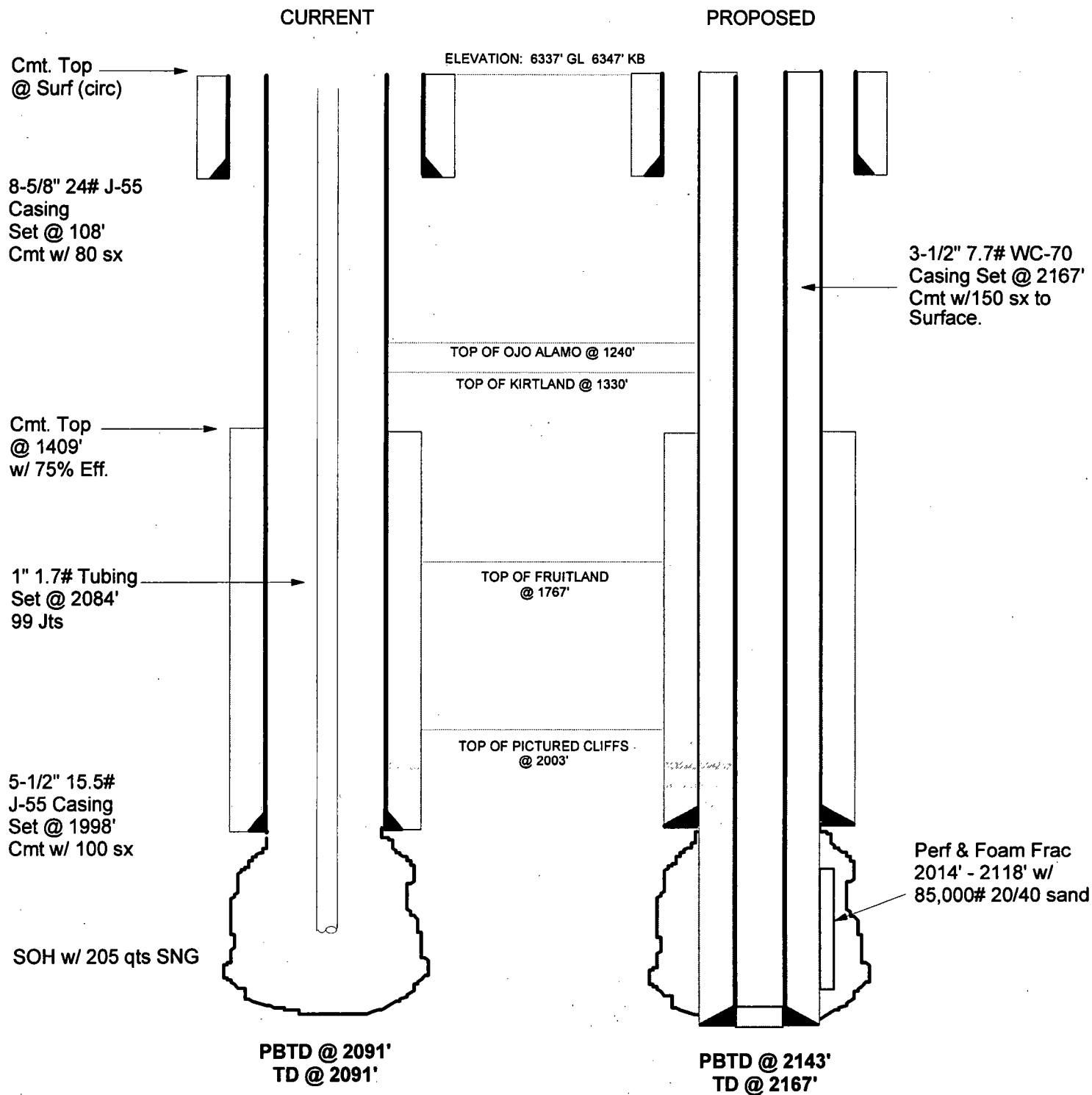
Charles J. Finck
Lic. No. 1302

Surveyed April 22, 1942

McManus #1

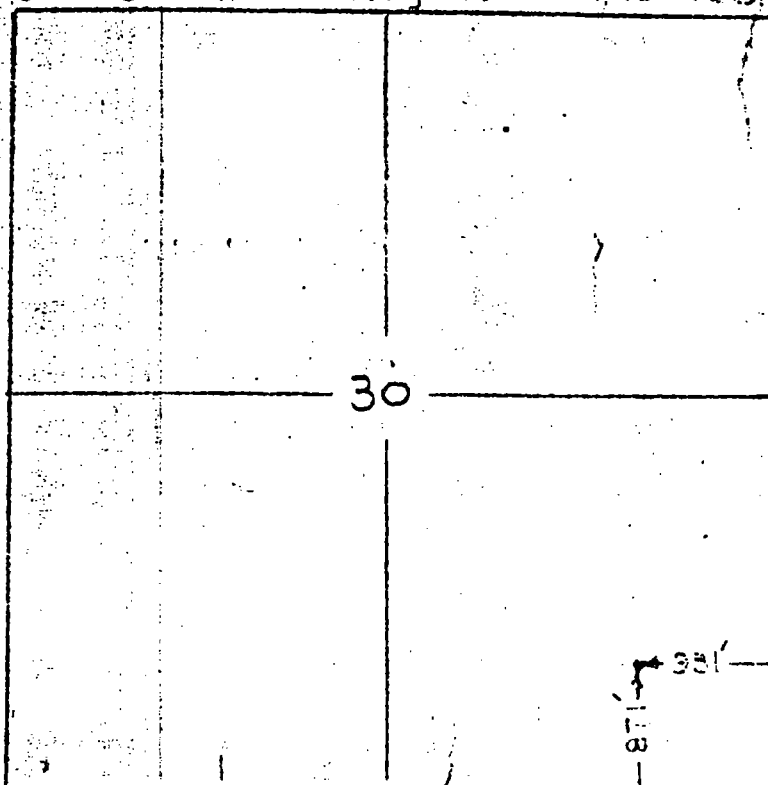
Section 30P, T-26-N, R-8-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



RECEIVED
APR 28 1954
U.S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COMPANY- Benson Montin
LEASE- M^c Manus WELL #1
SECTION - 30 T26N R8W / NMPM
LOCATION 871' from south line
931' from east line
San Juan County New Mexico.



This is to certify that the above plat was prepared from field notes of actual surveys made by me and are true & correct to the best of my knowledge & belief

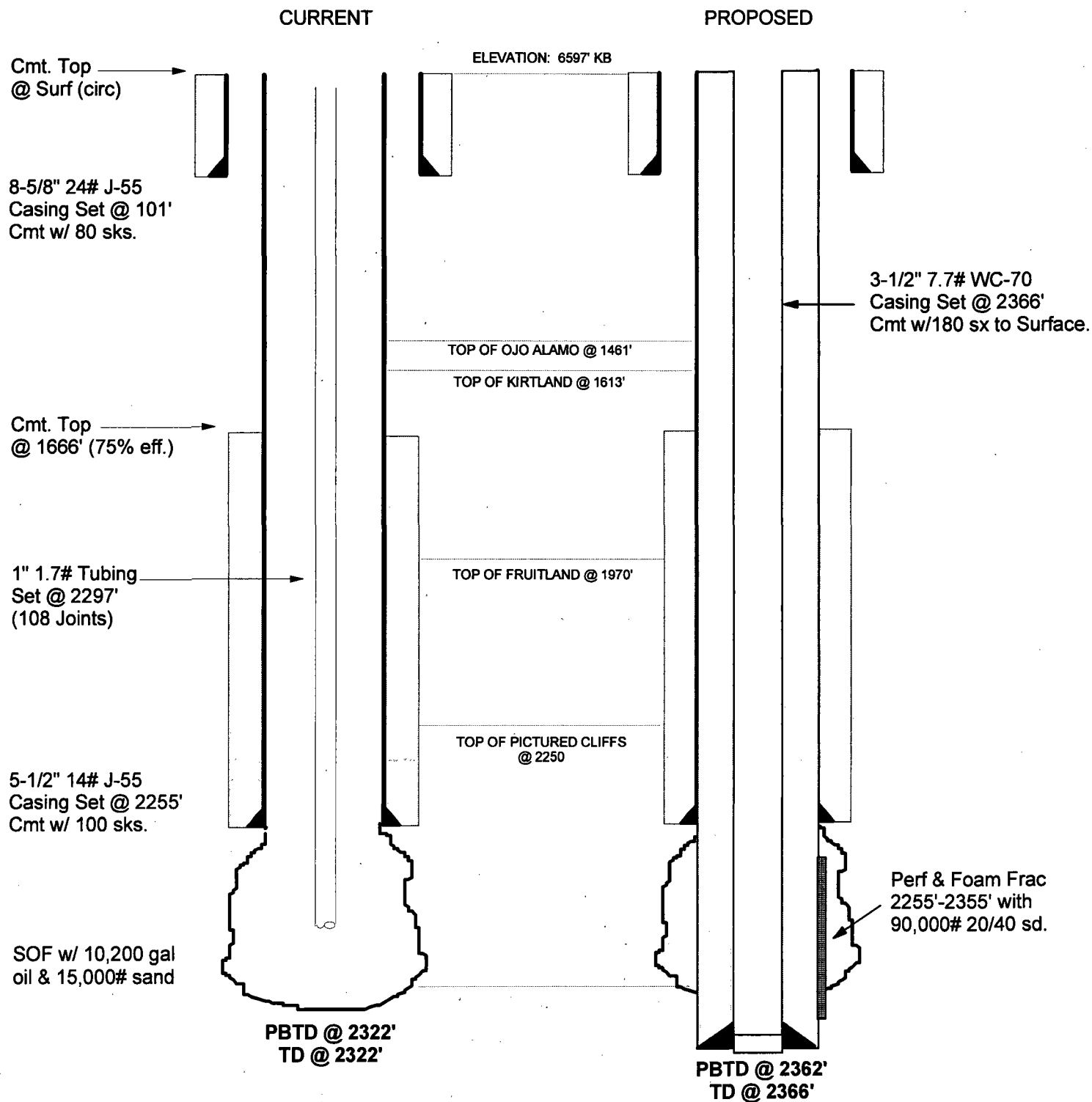
Robert L. Maddox Jr.
Robert L. Maddox Jr.
Registered Professional
Engineer & Land Surveyor
N.M. Reg. No. 1426

Surveyed 4-4-54

McManus #9

Section 33M, T-26-N, R-8-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico 6-28-55
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

BARON-MARTIN (Company or Operator), Rollins (Lease), Well No. 9, in 34 $\frac{1}{4}$ 34 $\frac{1}{4}$,
1 (Unit), Sec. 33, T. 24N, R. 2E, NMPM., BALLARD FC Pool
San Juan County. Date Spudded 6-14-55, Date Completed 6-9-55

Please indicate location:

Elevation 6596 Total Depth 2328 P.B. -

Top oil/gas pay 2240 Name of Prod. Form Pictured Cliffs

Casing Perforations: _____ or

Depth to Casing shoe of Prod. String 2245

Natural Prod. Test _____ BOPD

based on _____ bbls. Oil in _____ Hrs. _____ Mins.

Test after acid or shot _____ BOPD

Based on _____ bbls. Oil in _____ Hrs. _____ Mins.

Gas Well Potential 7,693 M3/day (uncorrected)

Size choke in inches 2"

Date first oil run to tanks or gas to Transmission system _____

Transporter taking Oil or Gas: El Paso Natural Gas Company

Awaiting approval of
Form C-110
El Paso Natural Gas Company

Casing and Cementing Record

Size _____ Feet _____ Sx _____

<u>6-5/8"</u>	<u>91</u>	<u>80</u>
<u>4-1/2"</u>	<u>1977</u>	<u>100</u>
<u>3"</u>	<u>1997</u>	<u>-</u>

Remarks: _____

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved _____, 19____

BARON-MARTIN

(Company or Operator)

OIL CONSERVATION COMMISSION

By: _____ (Signature)

Title Field Superintendent

Send Communications regarding well to:

Albert B. Crow

Name _____

Address 400 1/2 N. Broadway, Farmington, New Mexico

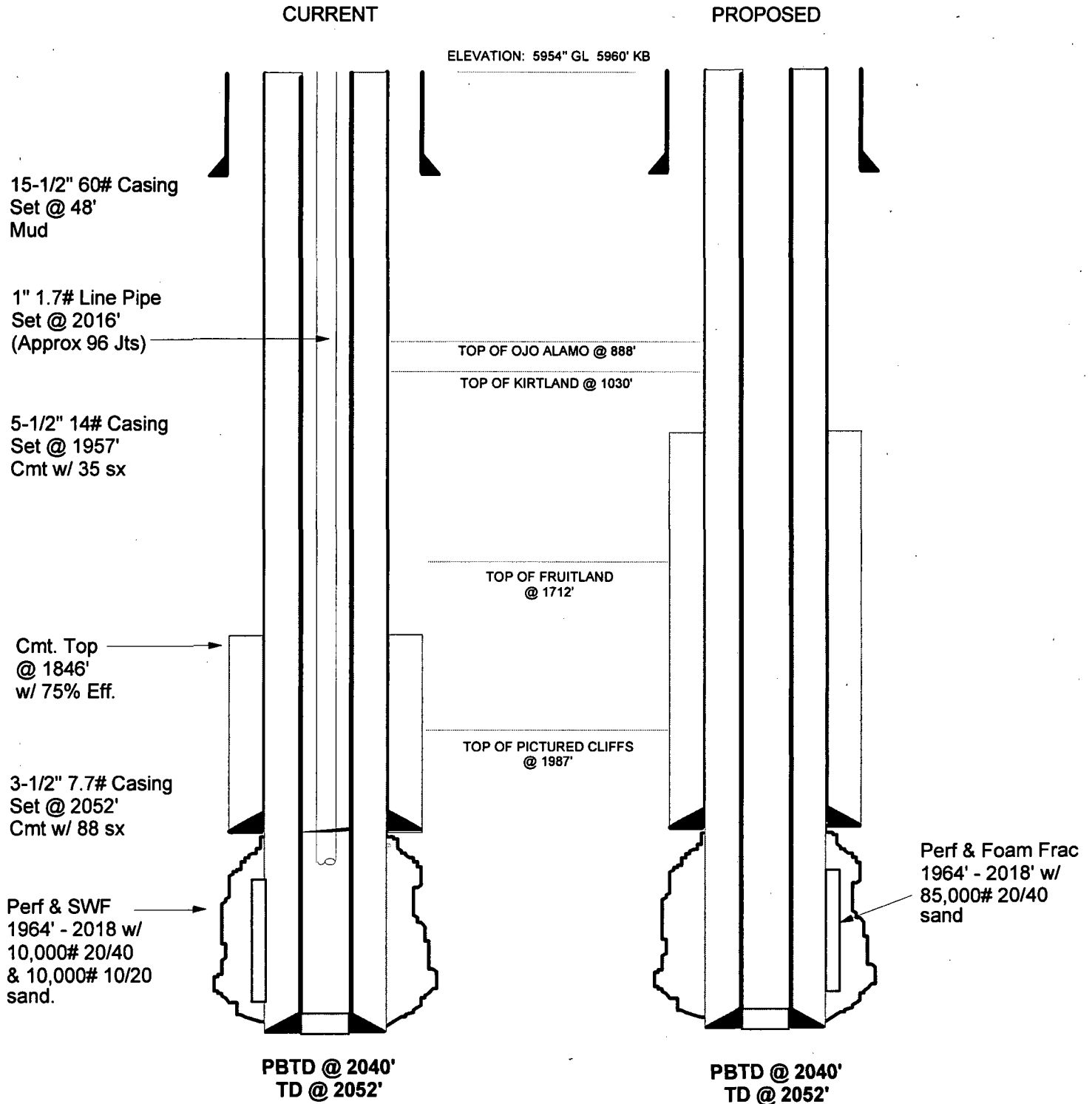
By: _____

Title _____

Newman A #6

Section 19J, T-28-N, R-10-W
San Juan County, NM

FULCHER KUTZ PICTURED CLIFFS WELLBORE SCHEMATIC



MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

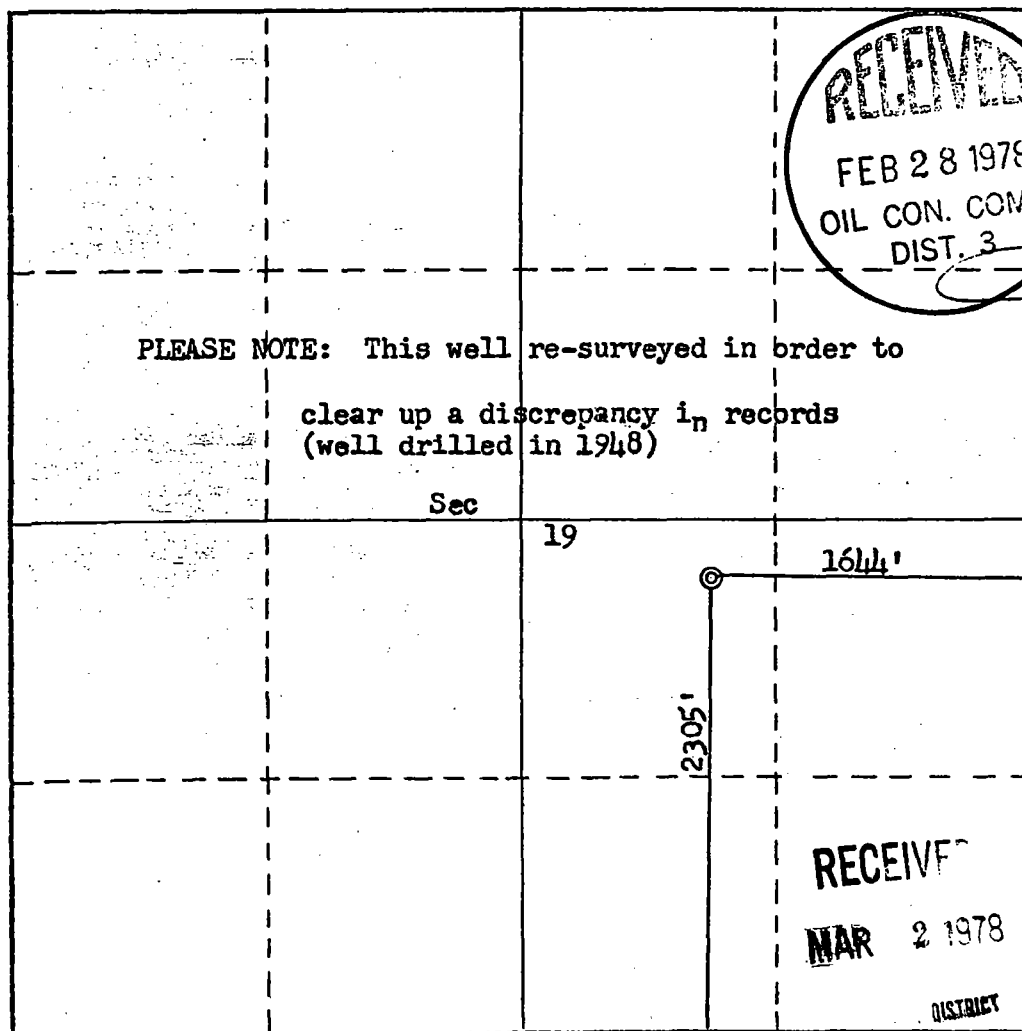
Operator SOUTHLAND ROYALTY CO. (Aztec Oil & Gas Company)			Lease Newman "A"		Well No. 6
Unit Letter J	Section 19	Township 28N	Range 10W	County San Juan	
Actual Footage Location of Well: 2305 feet from the South line and 1644 feet from the East line					
Ground Level Elev. 5963	Producing Formation Pictured Cliffs		Pool Fulcher Kutz		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____
 Position
District Production Mgr.
 Company
Southland Royalty Company
 Date
February 27, 1978

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

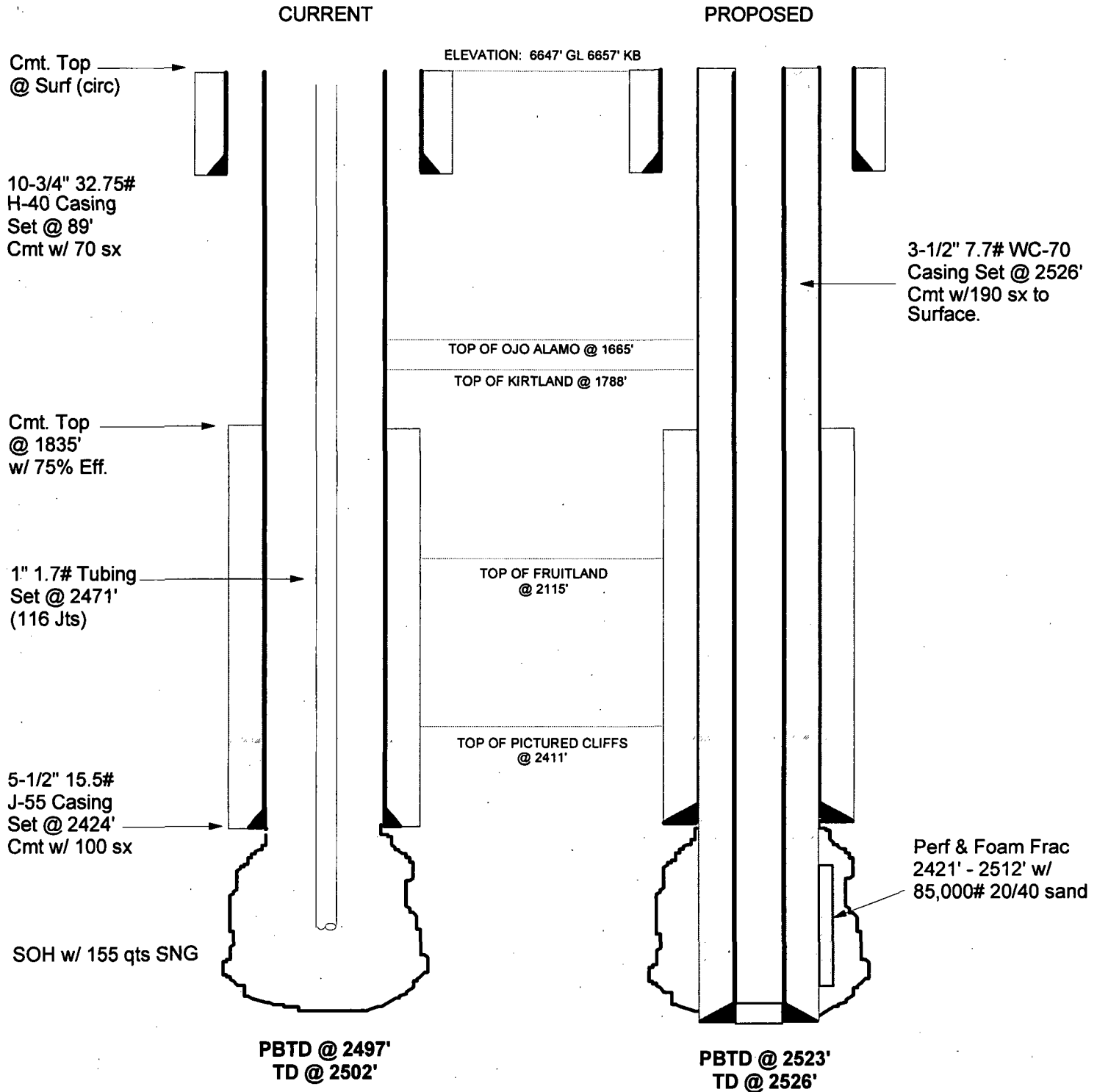
Date Surveyed
February 22, 1978
 Registered Professional Engineer
 and/or Land Surveyor
Fred B. Kerr Jr.
 Certificate No. **3950**

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

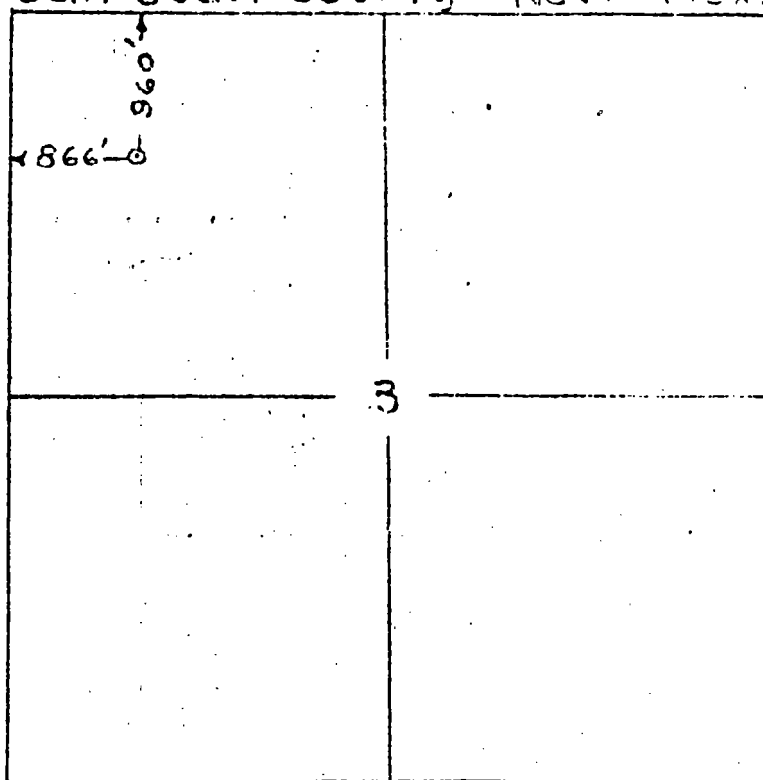
Quitzeau #1

Section 3D, T-25-N, R-8-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



COMPANY Benson-Montin
LEASE - Quitzau - Well #1
SECTION 3 T25N R3W N.M.P.M.
LOCATION - 960' from north line
866' from west line
San Juan County New Mexico



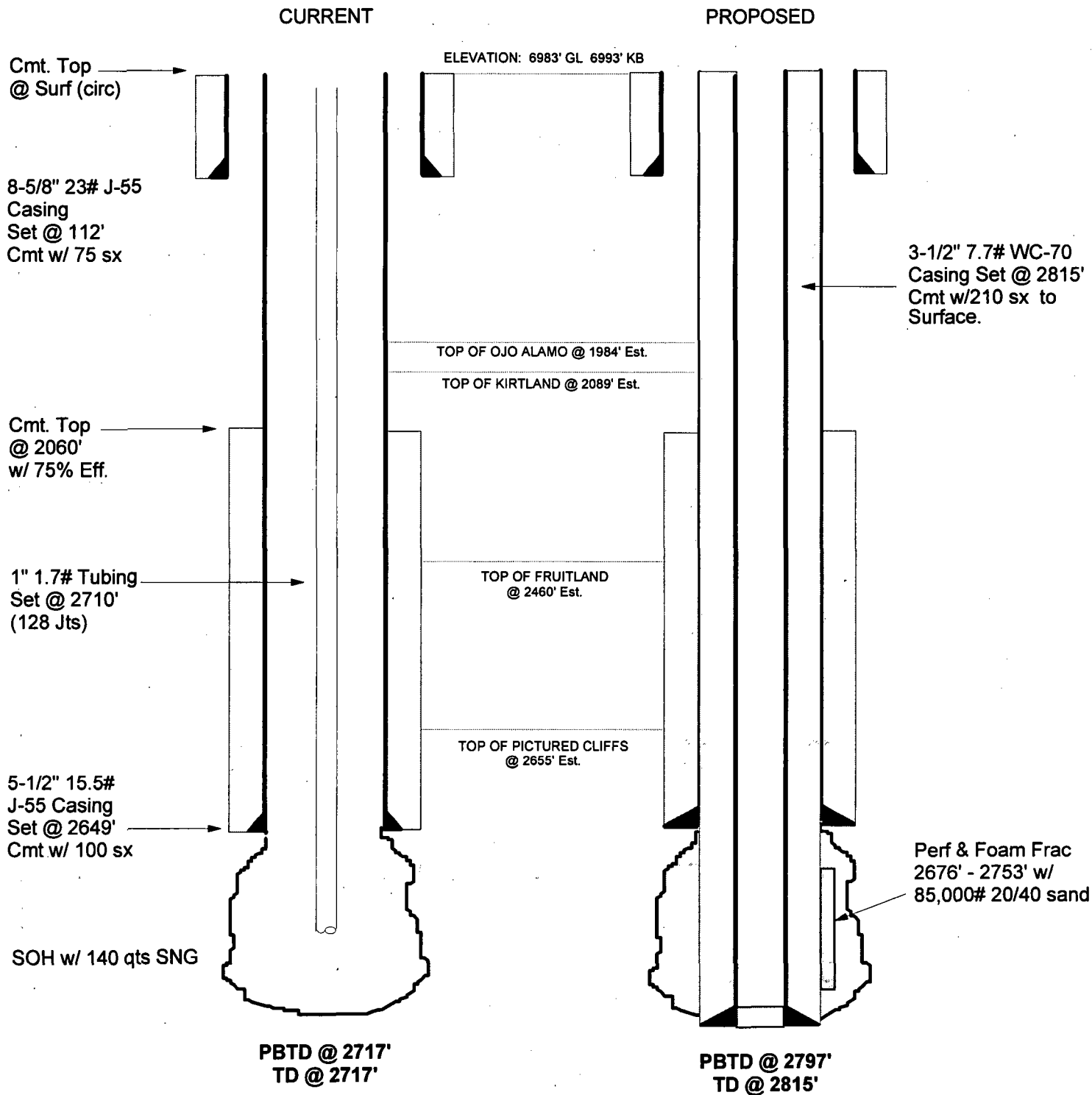
This is to certify that the above plat
was prepared from field notes of
actual surveys made by me and
are true & correct to the best of my
knowledge & belief

Robert L. Maddox Jr.
Robert L. Maddox Jr.
Registered Professional
Engineer & Land Surveyor
N.Mex Reg. No. 1426

Surveyed 4-11-54

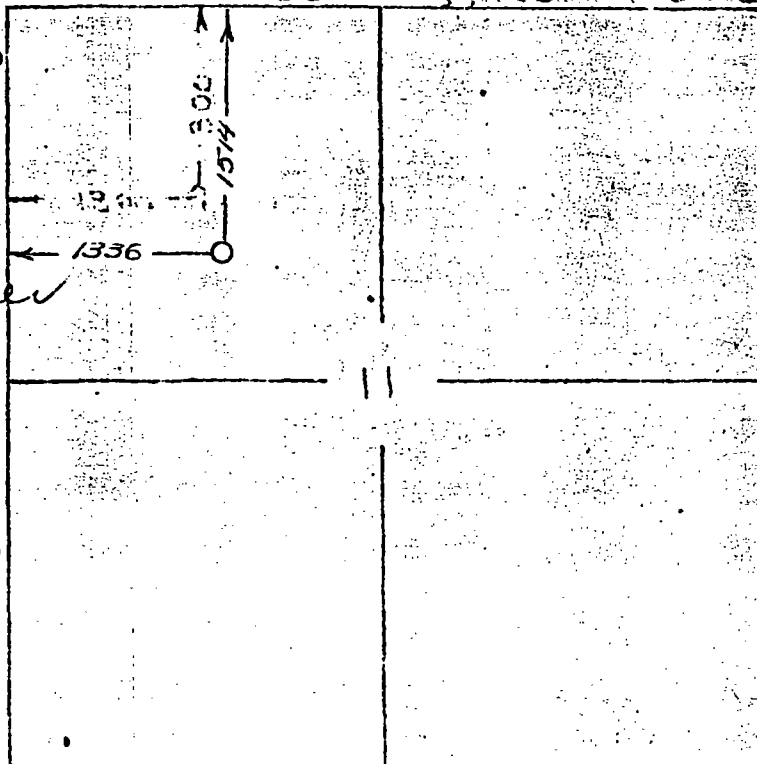
Section 11F, T-25-N, R-8-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC



COMPANY - Benson & Montin
 LEASE Quitzau Well No. 2
 SECTION II T 25N R 8W NM.PM.
 LOCATION 1300' from north line
 1300' from west line
 San Juan County, New Mexico

Moved location 217' 59 1/2"
 to new spot 1514' FNL
 and 1336' FNL of
 Section 11



Albert R. Greer
 Albert R. Greer
 Registered
 Professional Engineer
 New Mexico Reg. #881

This is to certify that the above
 plat was prepared from field notes
 of actual surveys made by me &
 are true & correct to the best of
 my knowledge & belief

Robert L. Maddox Jr.
 Robert L. Maddox Jr.
 Registered Professional
 Engineer & Land Surveyor
 N.Mex. Reg. No. 1426

Surveyed 9-19-54