

CASE 5696: YATES PET. CORP. FOR ..  
A WATERFLOOD PROJECT, EDDY COUNTY,  
NEW MEXICO

CASE NO.

5696

---

APPLICATION,  
TRANSCRIPTS,  
SMALL EXHIBITS,  
ETC.



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5696  
Order No. R-5231

APPLICATION OF YATES PETROLEUM  
CORPORATION FOR A WATERFLOOD  
PROJECT, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 23, 1976,  
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 6th day of July, 1976, the Commission, a  
quorum being present, having considered the record and the  
recommendations of the Examiner, and being fully advised in  
the premises,

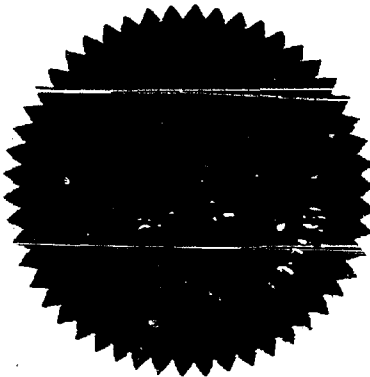
FINDS:

That the applicant's request for dismissal should be granted.

IT IS THEREFORE ORDERED:

That Case No. 5696 is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year herein-  
above designated.



STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

*Emery C. Arnold*  
EMERY C. ARNOLD, Member

*Joe D. Ramey*  
JOE D. RAMEY, Member & Secretary

S E A L

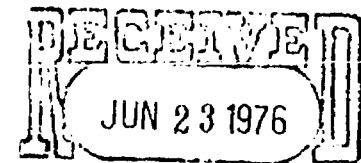
jr/

A. J. LOSEE  
JOEL M. CARSON  
CHAD DICKERSON

LAW OFFICES  
LOSEE & CARSON, P.A.  
300 AMERICAN HOME BUILDING  
P. O. DRAWER 238  
ARTESIA, NEW MEXICO 88210

AREA CODE 505  
746-3508

22 June 1976



OIL CONSERVATION COMM.  
Santa Fe

Mr. Richard L. Stamets, Examiner  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Yates Petroleum Corporation  
Applications Case Nos. 5695 and 5696

Dear Mr. Stamets:

This will confirm our telephone conversation of this date in which the Commission was asked to continue Case No. 5695 from the June 23 to the July 21, 1976, examiner hearing, and to dismiss Case No. 5696.

Very truly yours,

LOSEE & CARSON, P.A.

A handwritten signature in dark ink, appearing to be "A. J. Losee". The signature is fluid and cursive, with a large initial "A" and "J" and a stylized "L" for "Losee".

A. J. Losee

AJL:jw

cc: Mr. Eddie Mahfood

Dockets Nos. 19-76 and 20-76 are tentatively set for hearing on July 7 and July 21, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JUNE 23, 1976

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,  
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Statets, Examiner, or Daniel S. Mutter, Alternate Examiner:

CASE 5689: (Continued from June 9, 1976 Examiner Hearing)

Application of Dalport Oil Corporation for an unorthodox oil well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Jones Federal Well No. 4 to be drilled 900 feet from the South line and 1477 feet from the West line of Section 22, Township 15 South, Range 29 East, South Lucky Lake-Queen Pool, Chaves County, New Mexico.

CASE 4843: (Reopened) (Continued from June 9, 1976 Examiner Hearing)

In the matter of Case 4843 being reopened pursuant to the provisions of Order No. R-4435-A, which order extended the special pool rules for the Southeast Chaves Queen Gas Area, Chaves County, New Mexico, including a provision for 320-acre spacing and proration units for gas wells. All interested parties may appear and show cause why said Order No. R-4435 should not be rescinded.

CASE 5695: Application of Yates Petroleum Corporation for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its J Lazy J Well No. 13, to be drilled as the 5th well on the 40-acre tract, in the center of Unit G, of Section 22, Township 17 South, Range 25 East, Eagle Creek-San Andres Pool, Eddy County, New Mexico.

CASE 5696: Application of Yates Petroleum Corporation for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the Eagle Creek-San Andres Pool by the injection of water into the San Andres formation through its J Lazy J Wells Nos. 3, 6, 9, and 11, all located in Unit G of Section 22, Township 17 South, Range 25 East, Eddy County, New Mexico.

CASE 5697: Application of Elk Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Northeast Kennitz Unit Area comprising 3520 acres, more or less, of State land in Township 16 South, Range 34 East, Lea County, New Mexico.

CASE 5698: Application of El Paso Natural Gas Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle South Blanco-Pictured Cliffs and Blanco Mesaverde gas production in the wellbore of its San Juan 23-7 Unit Well No. 82 located in Unit A of Section 4, Township 27 North, Range 7 West, Rio Arriba County, New Mexico.

CASE 5699: Application of Dalport Oil Corporation for an exception to the provisions of Order No. R-3221, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks, as an exception to the provisions of Commission Order No. R-3221, permission to dispose of, into earthen pits, produced salt water from its Jones-Federal Well No. 3 located in Unit K of Section 22, Township 15 South, Range 29 East, South Lucky Lake-Queen Pool, Chaves County, New Mexico.

CASE 5700: Application of Morris R. Antweil for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the S/2 of Section 24, Township 20 South, Range 27 East, Eddy County, New Mexico, to be dedicated to a proposed gas well to be drilled at an orthodox location in the S/2 of said Section 24. Also to be considered will be the cost of drilling and completing said well and the allocation of the costs thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5701: Application of Arahco, Inc. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres, Abo and Paddock formations through the perforated interval from approximately 5645 feet to 5450 feet and the open-hole interval from approximately 5523 feet to 5900 feet in its State SWD Well No. 2, located in Unit F of Section 2, Township 17 South, Range 36 East, Lovington Field, Lea County, New Mexico.

CASE 5702: Application of Cities Service Oil Company for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Tubb Gas Pool and Drinkard Oil Pool production in the wellbore of its Brunson "B" Well No. 7 located in Unit N of Section 3, Township 22 South, Range 37 East, Lea County, New Mexico.



YATES BUILDING - 207 SOUTH 4TH ST.  
ARTESIA, NEW MEXICO - 88210

May 14, 1976

Mr. Joe Ramey, Secry-Director  
New Mexico Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, New Mexico 87501

RE: Secondary Recovery Project  
Eagle Creek (San Andres)  
Sandoz County, New Mexico

Dear Mr. Ramey:

*water flood*

Yates Petroleum Corporation desires to initiate in their Eagle Creek (San Andres) Pool a secondary recovery project having multiple phases of research and monitoring. Priority concern is density drilling to determine the enhancement of recovery by closer spacing (8-acre spacing), then the conversion of perimeter wells one at a time while monitoring the producer in the center location. The first input well would be set up for water injection at 400 psi wellhead pressure, and subsequent conversions would be for polymer flooding, miscellar flooding and miscible flooding, but not necessarily in this order.

In accord with OCC Rule 701B, attached hereto are lease ownership plat showing the location of all wells within a two-mile radius, logs and diagramatic sketches of the proposed injection wells. All wells are slaughter oil completions.

The proposed pilot area is Unit G of Section 22-173-25E. The wells to be converted are the J Lazy J Nos. 3, 6, 9 and 11, and are existing oil wells. A fifth well needs to be

Case 5696

S. P. YATES  
PRESIDENT  
MARTIN YATES, III  
VICE PRESIDENT  
JOHN A. YATES  
VICE PRESIDENT  
B. W. HARPER  
SEC. - TREAS.

*Set for  
Hearing  
2 - cases*

MAY 2 1976  
OIL CONSERVATION COMMISSION  
Santa Fe

May 14, 1976

Page 2:

Secondary Recovery Project  
Eagle Creek (San Andres)

drilled in the center of the 40-acres (located 1980' FEL  
and 1980' FNL of Section 22), designated as J Lazy J No. 13.

An exception to Rule 104(C)-1 is asked for this fifth  
well. Thank you.

*unorthodox oil well location* ↑

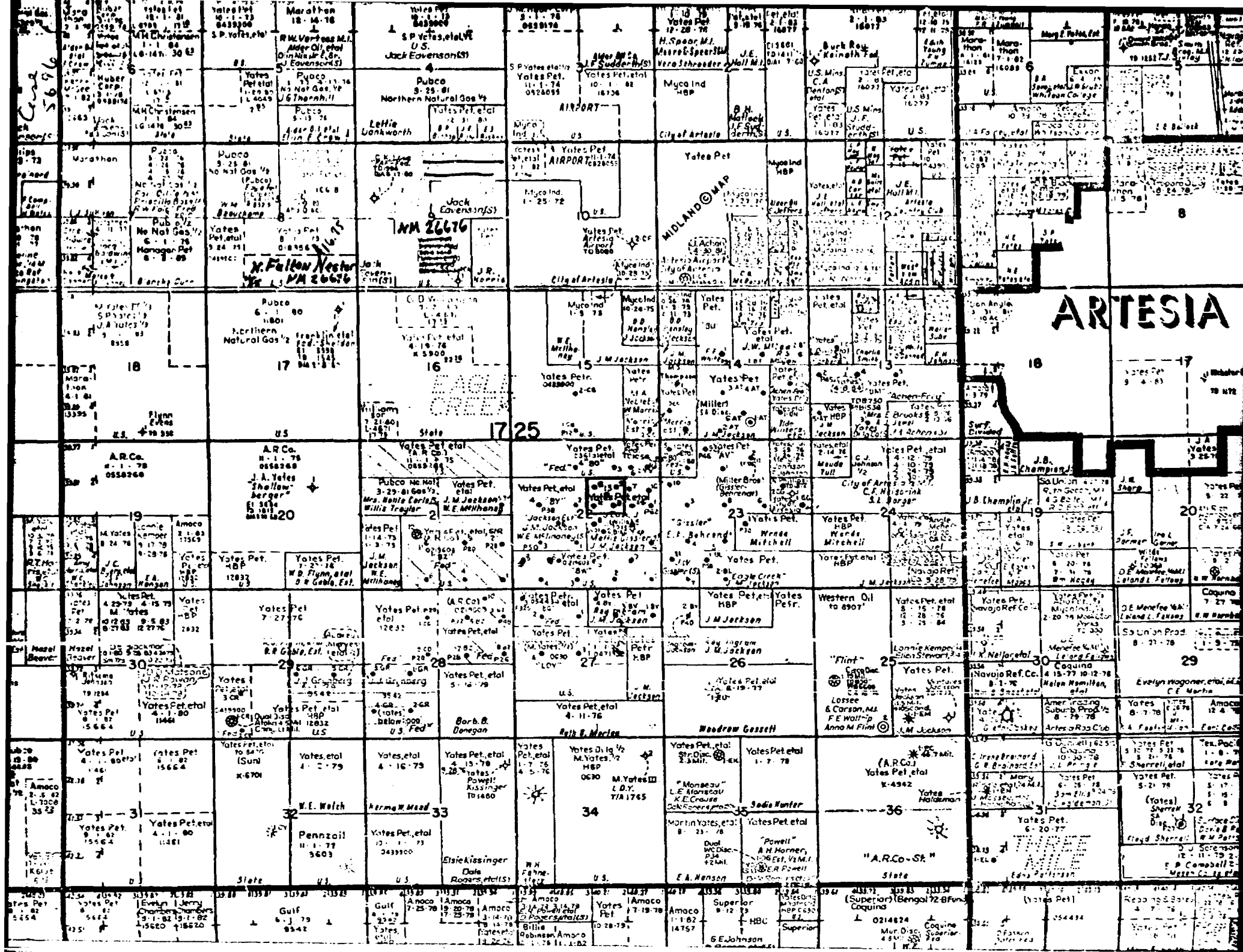
Yours very truly,

YATES PETROLEUM CORPORATION

*Eddie M. Mahfood*  
Eddie M. Mahfood  
Engineer

EMM/pt





Case 5696

**Gamma-Ray Neutron Log**

UNITED PETROLEUM CORPORATION  
WASH. D.C.  
SAND CREEK  
EDDY STATE NEW MEXICO

2210' F.M. & 2210' F.E.L.  
22' 11" 17-5 25-2

OTHER SERVICES  
NONE

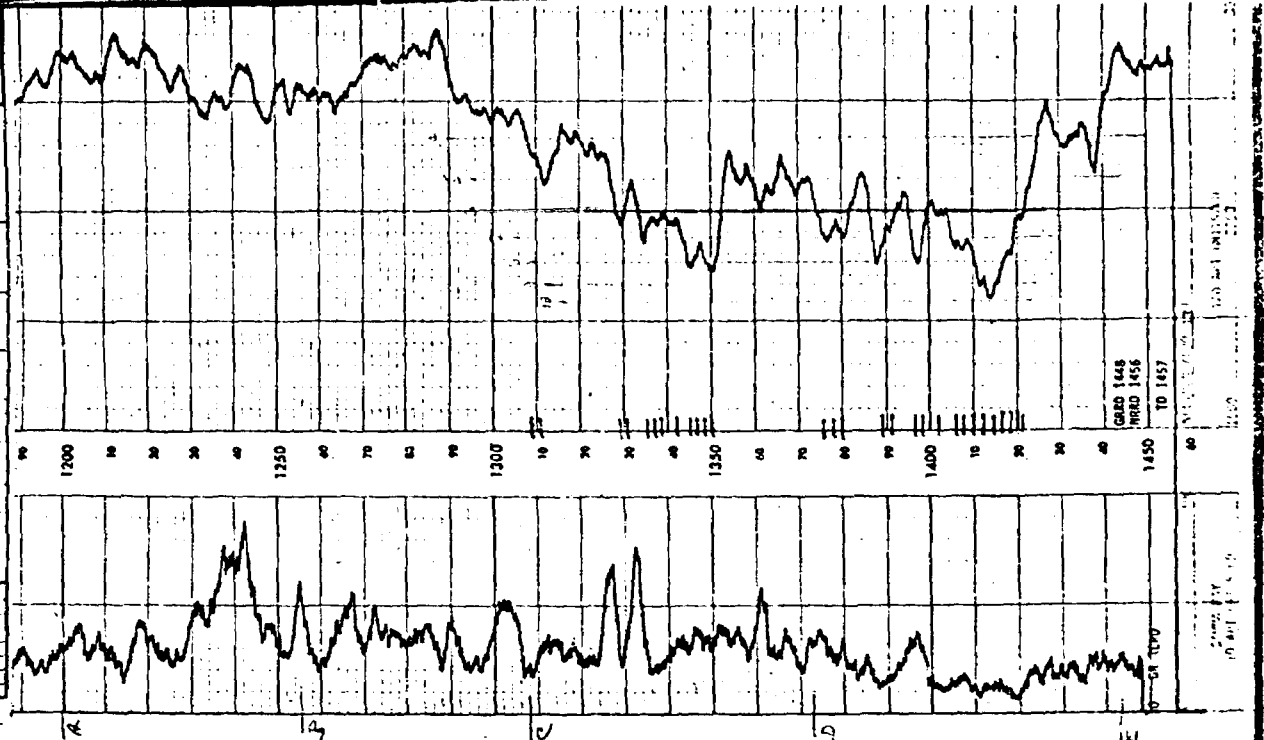
DATE 3529  
12' 11" 17-5 25-2

DATE 3529  
12' 11" 17-5 25-2

DATE	TIME	DEPTH	NEUTRON	GAMMA
3529	12:11	17-5	25-2	

CASING RECORD

DATE	TIME	DEPTH	NEUTRON	GAMMA
3529	12:11	17-5	25-2	



**Gamma-Ray Neutron Log**

UNITED PETROLEUM CORPORATION  
WASH. D.C.  
SAND CREEK  
EDDY STATE NEW MEXICO

2210' F.M. & 2210' F.E.L.  
22' 11" 17-5 25-2

OTHER SERVICES  
NONE

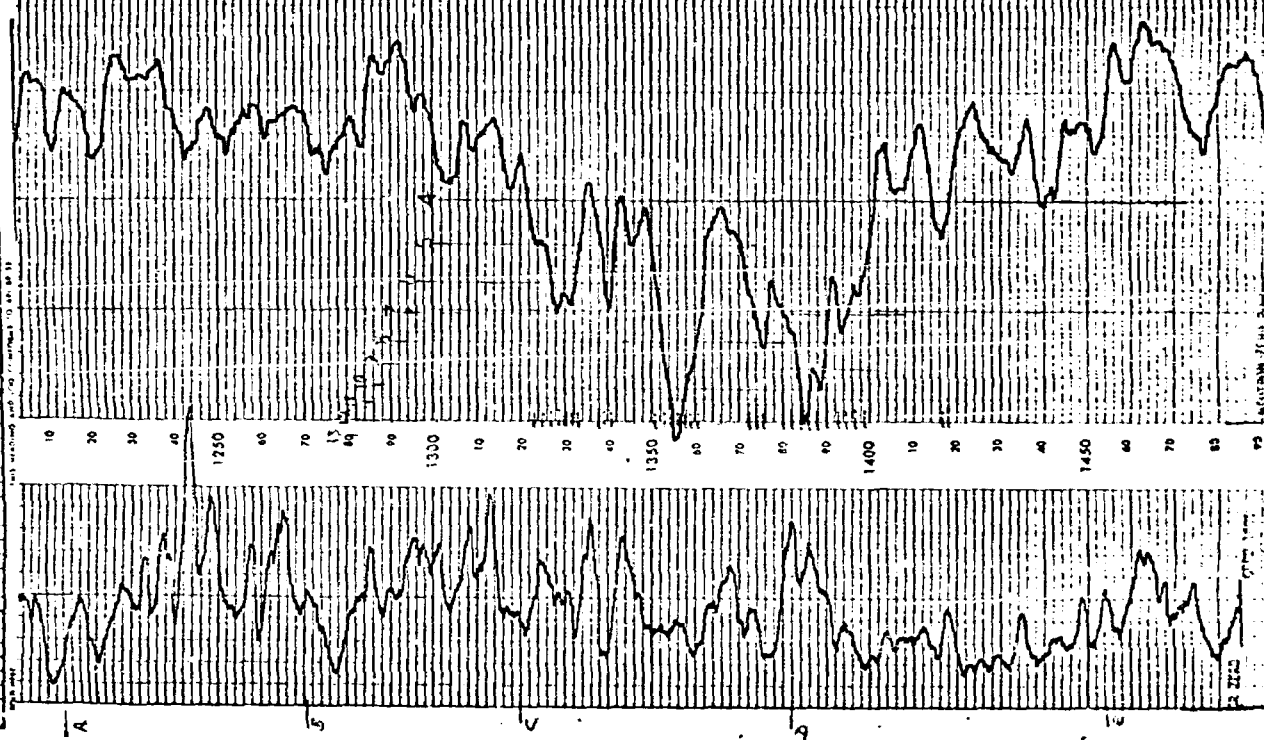
DATE 3533  
12' 11" 17-5 25-2

DATE 3546  
12' 11" 17-5 25-2

DATE	TIME	DEPTH	NEUTRON	GAMMA
3533	12:11	17-5	25-2	

CASING RECORD

DATE	TIME	DEPTH	NEUTRON	GAMMA
3533	12:11	17-5	25-2	

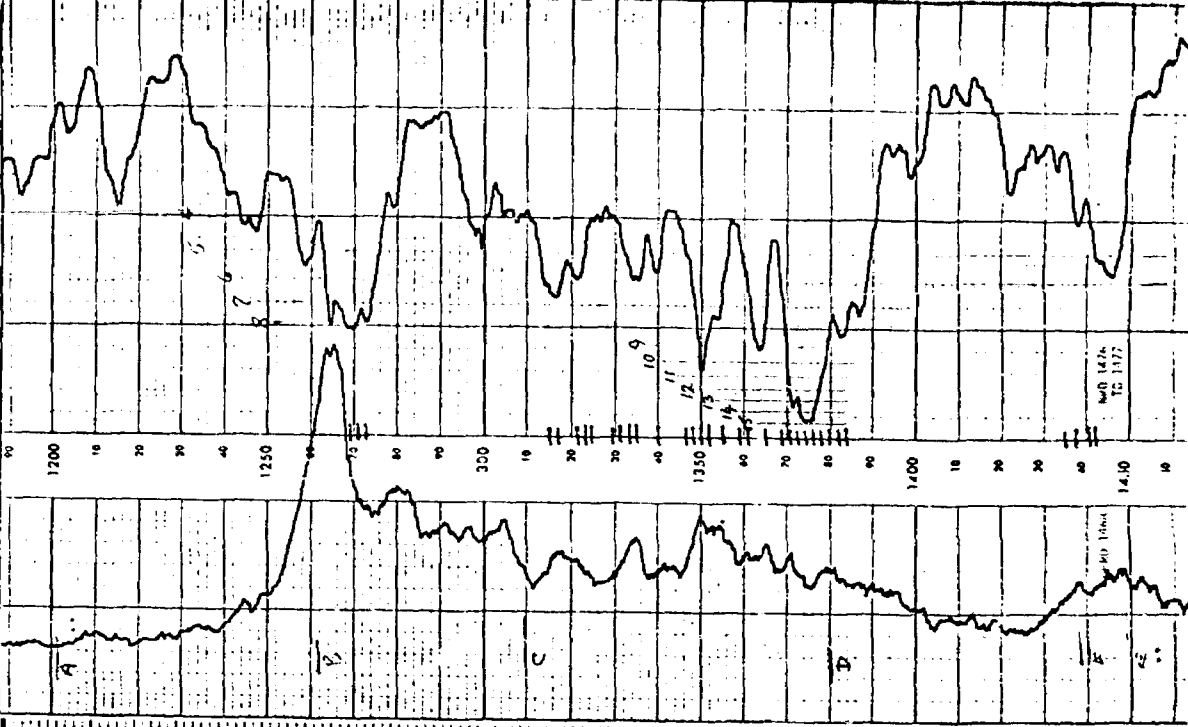


Case 5696

# Gamma-Ray Action Log

DATE: 10/10/54  
WELL: J. L. 2X 5 # 3  
FIELD: EAGLE CREEK (S.A.)  
COUNTY: S. D. STATE: S. D.  
LOCATION: 230' ENL 1050' FSL  
NO. 22 17.5 25E

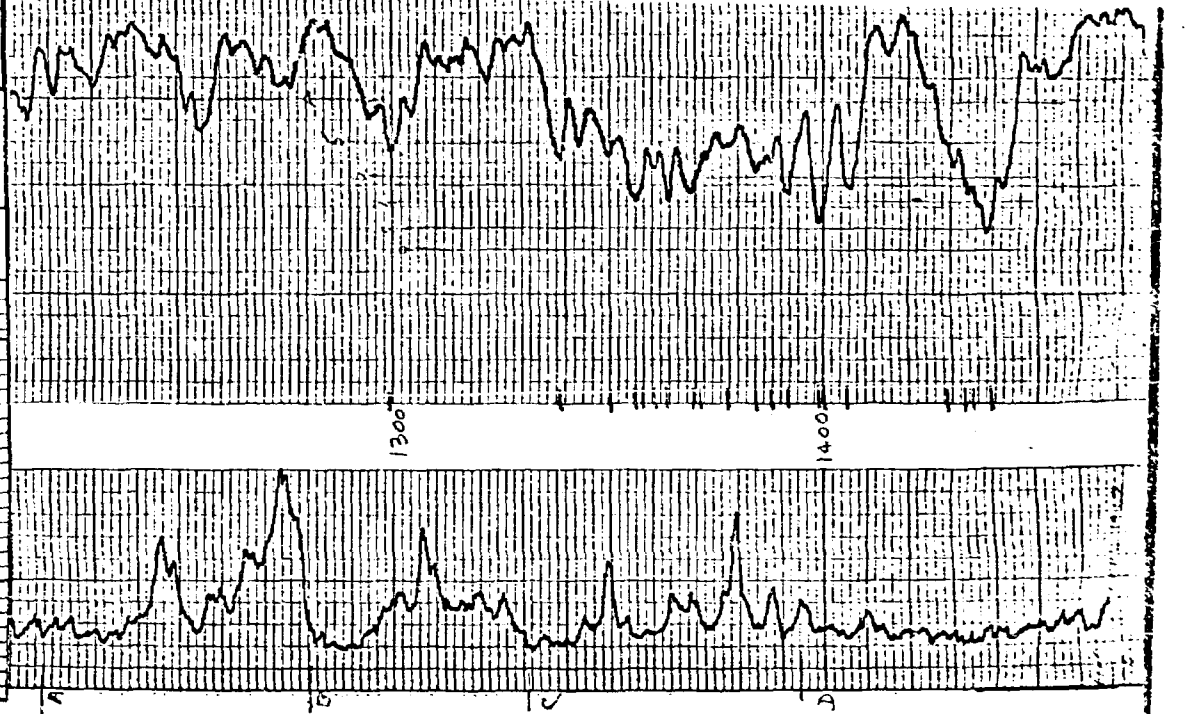
TIME	DEPTH	COUNT	REMARKS
12:00	1200	10	
12:10	1210	15	
12:20	1220	20	
12:30	1230	25	
12:40	1240	30	
12:50	1250	35	
13:00	1300	40	
13:10	1310	45	
13:20	1320	50	
13:30	1330	55	
13:40	1340	60	
13:50	1350	65	
14:00	1400	70	
14:10	1410	75	
14:20	1420	80	
14:30	1430	85	
14:40	1440	90	
14:50	1450	95	
15:00	1500	100	



## ERFOJET SERVICES HOBBS, NEW MEXICO RADIOACTIVITY LOG

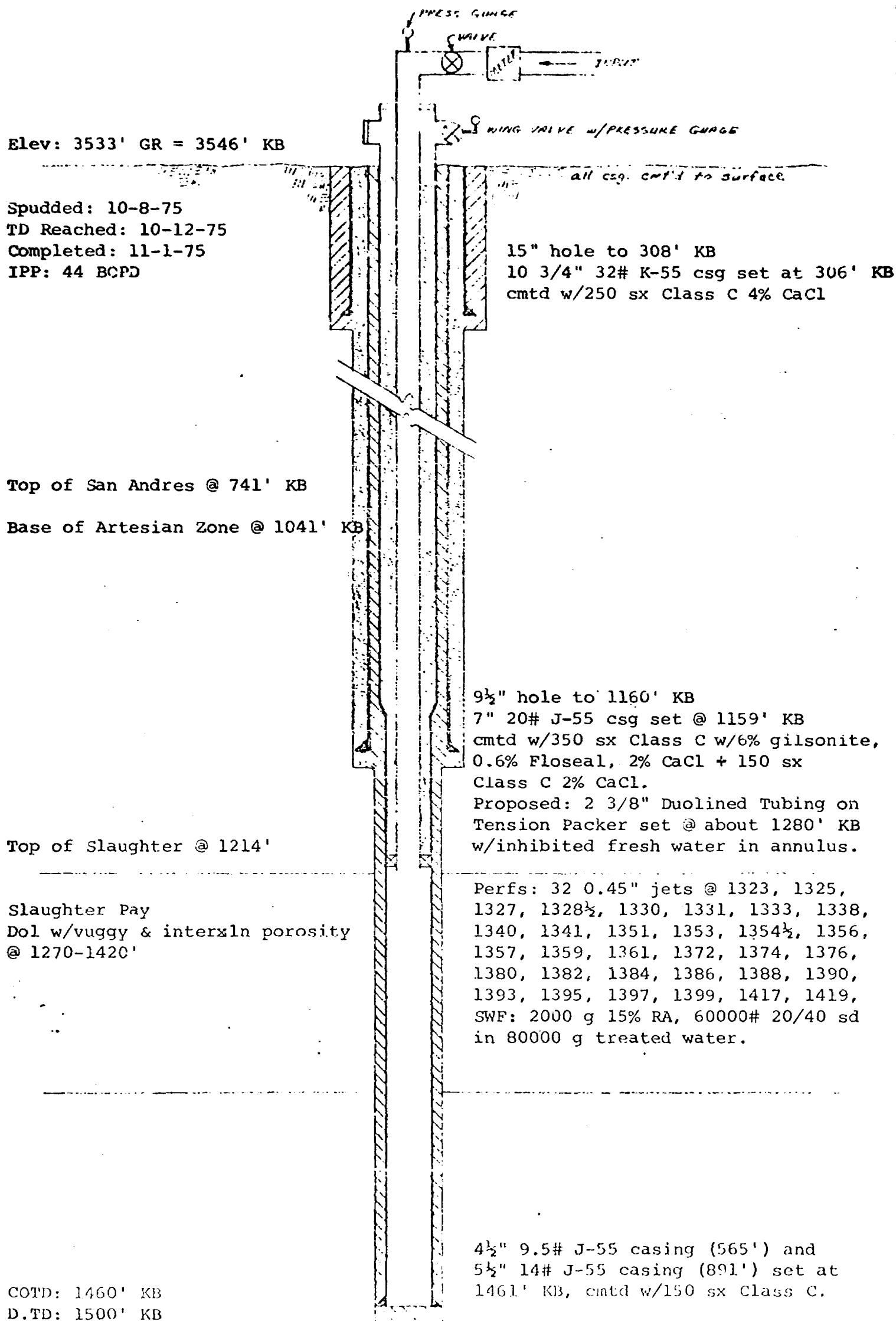
COMPANY: YATES PETROLEUM CORP.  
WELL: J. L. 2X 5 # 3  
FIELD: EAGLE CREEK (S.A.)  
COUNTY: S. D. STATE: NEW MEXICO  
LOCATION: 230' ENL 1050' FSL  
NO. 22 17.5 25E

TIME	DEPTH	COUNT	REMARKS
12:00	1200	10	
12:10	1210	15	
12:20	1220	20	
12:30	1230	25	
12:40	1240	30	
12:50	1250	35	
13:00	1300	40	
13:10	1310	45	
13:20	1320	50	
13:30	1330	55	
13:40	1340	60	
13:50	1350	65	
14:00	1400	70	
14:10	1410	75	
14:20	1420	80	
14:30	1430	85	
14:40	1440	90	
14:50	1450	95	
15:00	1500	100	



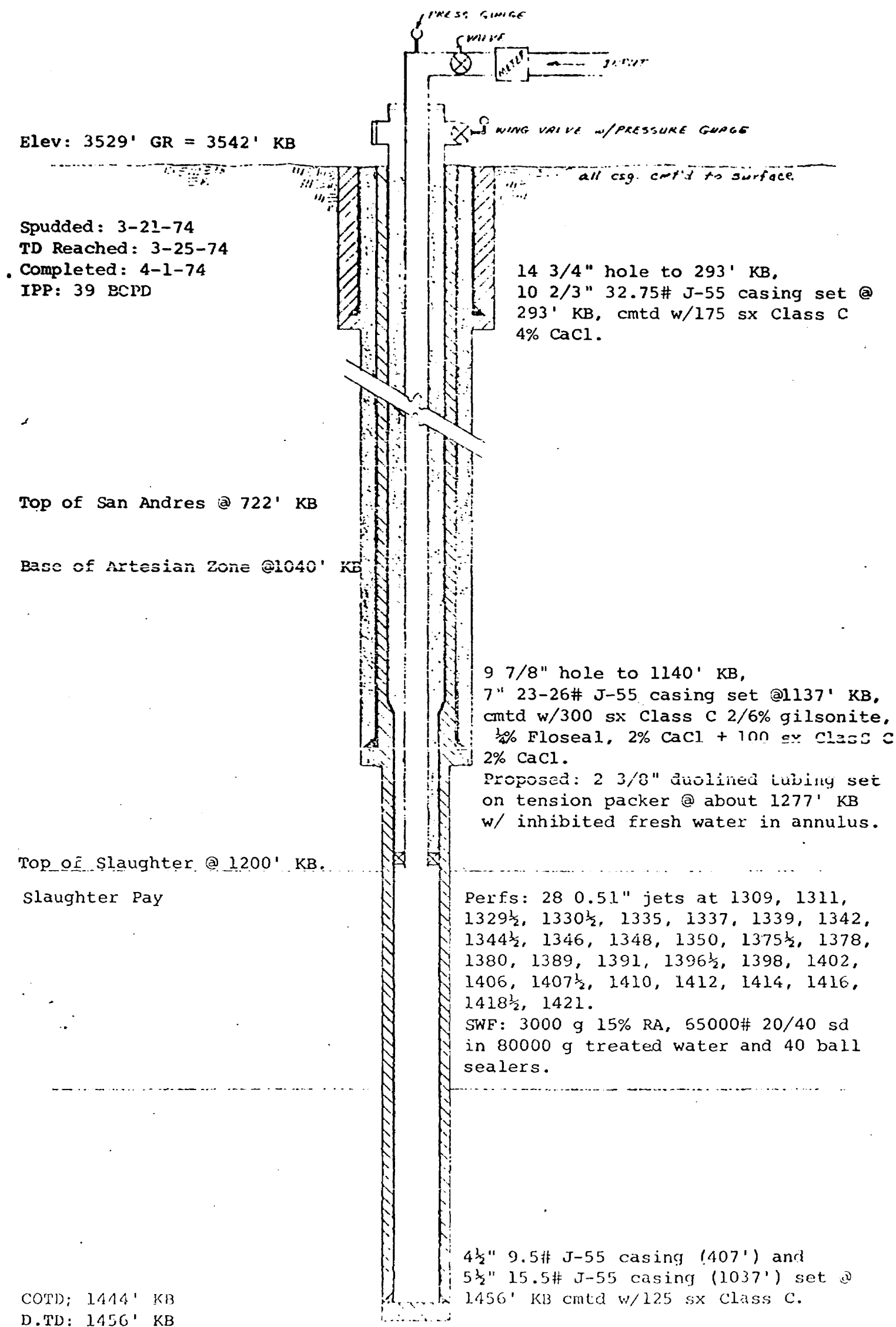
## Diagrammatic Sketch of Proposed Injection Well

J Lazy J #11, 2310' FNL, 2310' FEL, Sec. 22-17S-25E, Eddy Co., NM



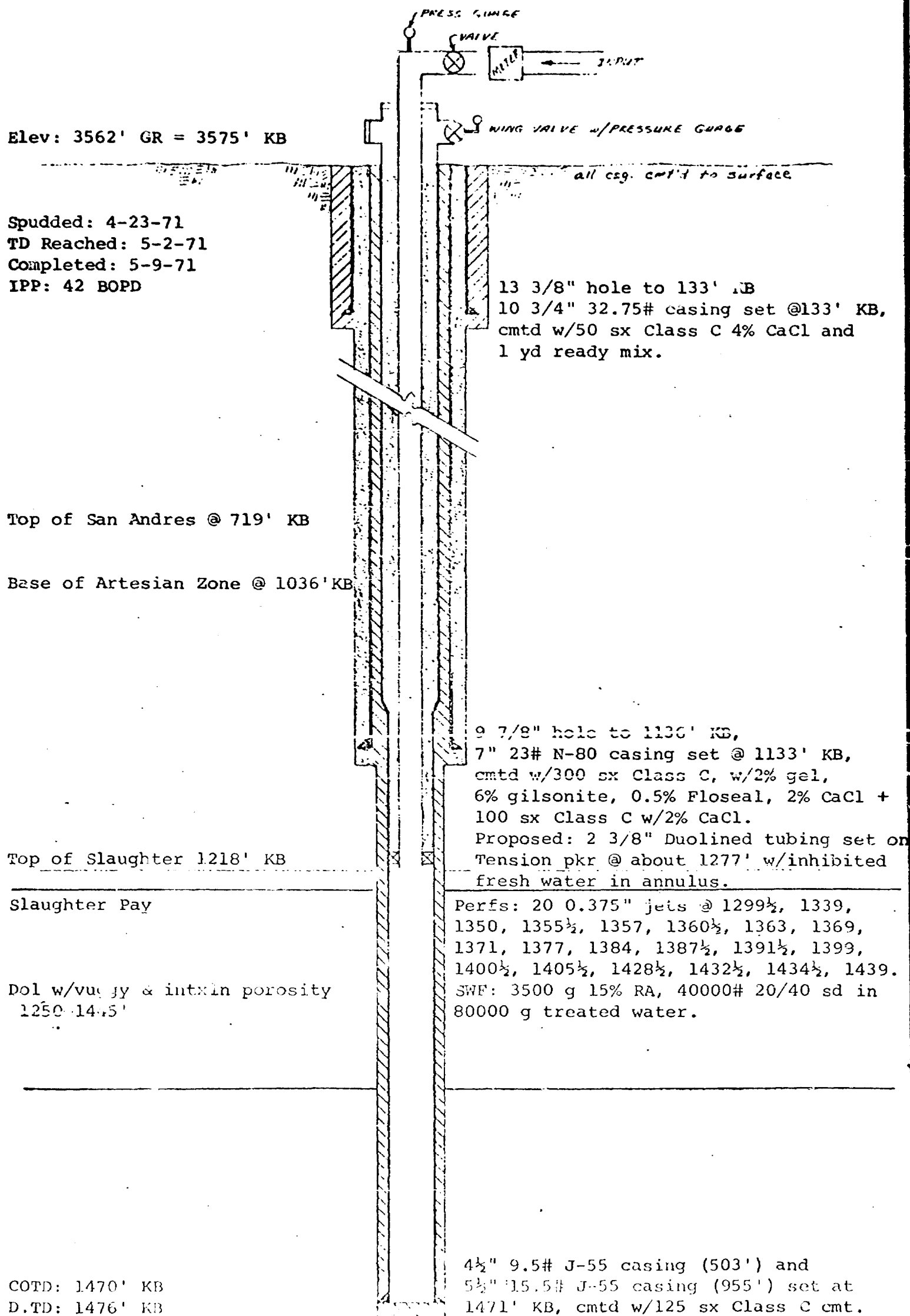
## Diagrammatic Sketch of Proposed Injection Well

J Lazy J No. 6, 1650' FNL, 2310' FEL, Sec. 22-17S-25E, Eddy Co, NM



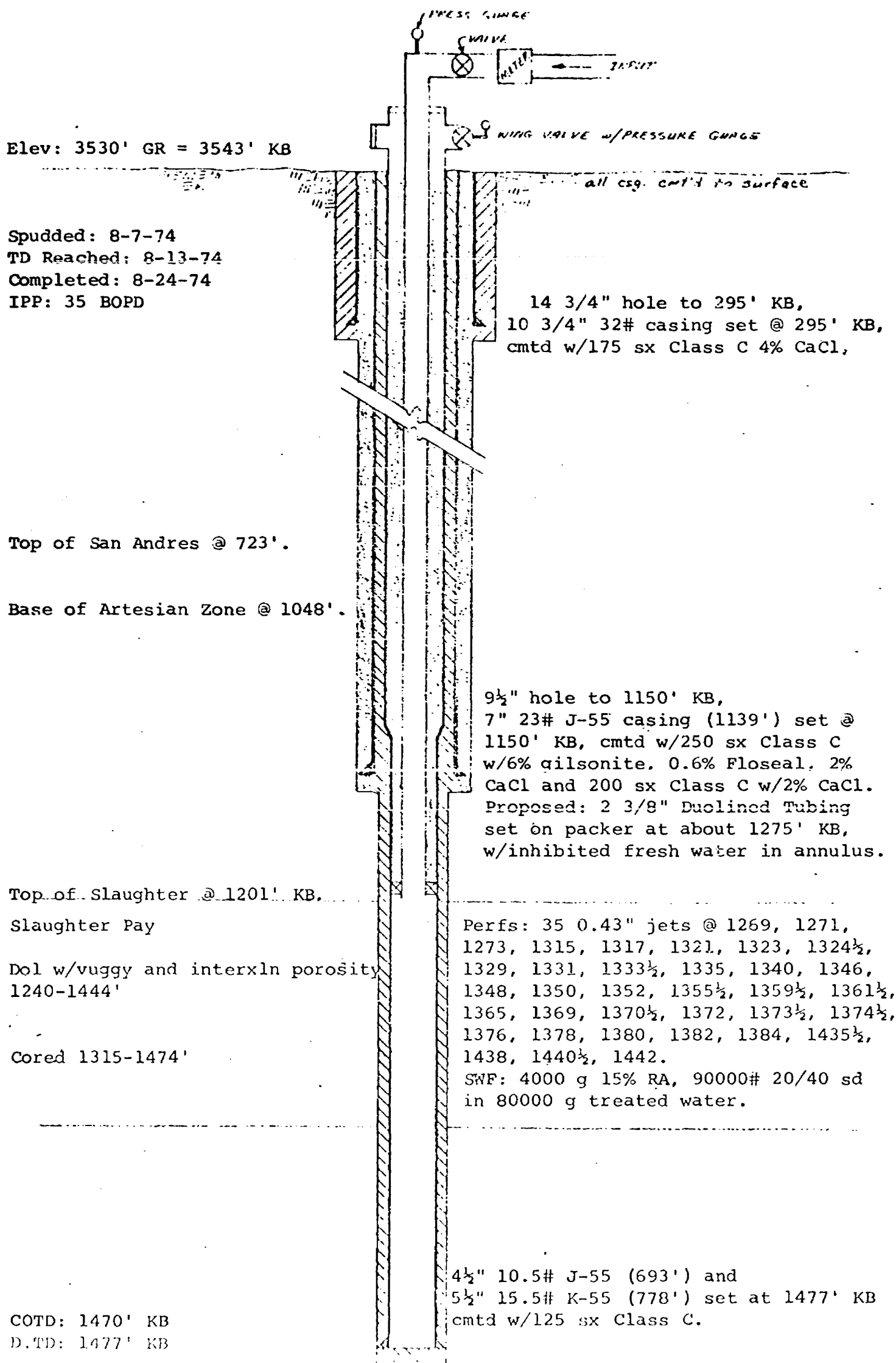
## Diamrammatic Sketch of Proposed Injection Well

J Lazy J No. 3, 2310' FNL, 1650' FEL, Sec. 22-17S-25E, Eddy Co, NM



## Diagrammatic Sketch of Proposed Injection Well

J Lazy J No. 9, 1650' FNL, 1650' FEL, Sec. 22-17S-25E, Eddy Co, NM



DRAFT

dr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5696

Order No. R- 5231

APPLICATION OF YATES PETROLEUM  
CORPORATION FOR A WATERFLOOD PROJECT,  
EDDY COUNTY, NEW MEXICO.

   
ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 23, 1976,  
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this        day of July, 1976, the Commission,  
a quorum being present, having considered the record and the recom-  
mendations of the Examiner, and being fully advised in the premises,

FINDS:

That the applicant's request for dismissal should be  
granted.

IT IS THEREFORE ORDERED:

That Case No. 5696 is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year hereinabove  
designated.



BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
June 23, 1976

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Corpora- ) CASE  
tion for a waterflood project, Eddy ) 5696  
County, New Mexico. )

BEFORE: Richard L. Stamets, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil	William F. Carr, Esq.
Conservation Commission:	Legal Counsel for the Commission
	State Land Office Building
	Santa Fe, New Mexico

**sid morrish reporting service**  
General Court Reporting Service  
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501  
Phone: (505) 982-9212

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

MR. STAMETS: We will call next Case 5696.

MR. CARR: Case 5696, application of Yates Petroleum Corporation for a waterflood project, Eddy County, New Mexico.

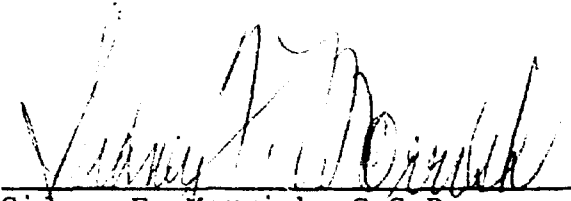
Mr. Examiner, we have received a request from the applicant that this case be dismissed.

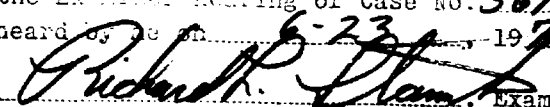
MR. STAMETS: Case 5696 will be dismissed.

**sid morrish reporting service**  
General Court Reporting Service  
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501  
Phone (505) 982-9212

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter,  
do hereby certify that the foregoing and attached Transcript  
of Hearing before the New Mexico Oil Conservation Commission  
was reported by me, and the same is a true and correct record  
of the said proceedings to the best of my knowledge, skill and  
ability.

  
Sidney F. Morrish, C.S.R.

I do hereby certify that the foregoing is  
a complete record of the proceedings in  
the Examiner Hearing of Case No. 5696  
heard by me on 6-23-1974  
  
Richard R. Starn, Examiner  
New Mexico Oil Conservation Commission

**sid morrish reporting service**

General Court Reporting Service  
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501  
Phone (505) 982-9212