

y. CASE 5810: Yates Petroleum Corporation
for a dual completion, Eddy County,
New Mexico

Continued to
~~January 19th~~
February 16th

CASE NO.

5810

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
February 16, 1977

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Corpora-) CASE
tion for a dual completion, Eddy County,) 5810
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 Conservation Commission: Lynn Teschendorf, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

For the Applicant: Joel M. Carson, Esq.
LOSEE & CARSON P.A.
Attorneys at Law
300 American Home Building
Artesia, New Mexico

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Page 2

I N D E X

	<u>Page</u>
<u>JOHN MORGAN</u>	
Direct Examination by Mr. Carson	3
Cross Examination by Mr. Stamets	7

EXHIBIT INDEX

	<u>Offered</u>	<u>Admitted</u>
Applicant's Exhibit One, Map	5	7
Applicant's Exhibit Two, Log	6	7

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Page 3

1 MR. STAMETS: At this time we will call Case 5810.

2 MS. TESCHENDORF: Case 5810, application of Yates
3 Petroleum Corporation for a dual completion, Eddy County,
4 New Mexico.

5 MR. CARSON: Mr. Examiner, my name is Joel Carson,
6 Losee & Carson P.A., Artesia, New Mexico and I appear here on
7 behalf of the applicant. I have one witness, Mr. John
8 Morgan who has not previously been sworn.

9 MR. STAMETS: Would you stand and be sworn at this
10 time, please?

11 (THEREUPON, the witness was duly sworn.)

12
13 JOHN MORGAN
14 called as a witness, having been first duly sworn, was examined
15 and testified as follows:

16
17 DIRECT EXAMINATION

18 BY MR. CARSON:

19 Q Mr. Morgan, would you state your name, with whom
20 you are employed and in what capacity?

21 A My name is Johnny Morgan and I'm employed by Yates
22 Petroleum Corporation and my present assignment is production
23 superintendent.

24 Q Mr. Morgan, you have not previously testified before
25 this Commission, have you?

1 A. No, sir.

2 Q. Would you explain to the Hearing Examiner briefly
3 your educational background and what practical experience you
4 have had as an engineer?

5 A. Yes, sir, I am a 1971 graduate of the College of
6 the Southwest, I have a Bachelor of Science degree in math.
7 Since 1965 I have been employed by Shell Oil Company in
8 various field and technical assignments. From 1971 to 1975 I
9 was assigned as a production engineer dealing primarily with
10 technical applications in the West Texas and Southeast
11 New Mexico area.

12 Q. You have also been to some seminars and had some
13 additional training, have you not?

14 A. Yes, I have. I have been through or been exposed to
15 Shell Development Company's engineering program on three
16 different occasions and the time of this training has varied
17 from three months to six weeks.

18 Q. And otherwise, I think you have worked in the oil
19 fields most of your life, haven't you?

20 A. Yes, I have.

21 MR. CARSON: Are his qualifications acceptable?

22 MR. STAMETS: Just a couple of questions. Mr. Morgan,
23 when you were with Shell did you supervise the installation
24 of dual completion equipment in the wells?

25 A. Yes, sir, I did.

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Page 5

1 MR. STAMETS: And supervise normal production
2 procedures?

3 A Yes, sir, I did.

4 MR. STAMETS: The witness is considered qualified
5 as an expert in well equipment and production.

6 Q (Mr. Carson continuing.) Mr. Morgan, would you
7 please explain briefly the purpose of this application?

8 A Yes, sir. In Case 5810 Yates Petroleum Corporation
9 seeks approval for a dual completion of its Stonewall "EP"
10 No. 1 Well which is located in Unit F, Section 30, Township
11 20 South, Range 28 East of Eddy County, New Mexico to produce
12 gas from the North Burton Flat-Wolfcamp Gas Pool and an
13 undesignated Morrow gas pool.

14 Q I refer you to what has been marked as Applicant's
15 Exhibit Number One and ask if that was prepared by you or
16 under your supervision?

17 A It was prepared by me.

18 Q What does that purport to show?

19 A This is a portion of a map that depicts the subject
20 well circled in red and it shows the offset operators. The
21 offset operators are Gulf Oil Company, Mesa Petroleum Company,
22 Exxon, Incorporated, Cities Service, Amoco Production Company
23 and Morris R. Antweil, Incorporated.

24 Q I show you what is marked as Exhibit Number Two and
25 ask if that was prepared by you or under your supervision?

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Page 6

1 A Yes, sir, it was.

2 Q What does that exhibit purport to show?

3 A Exhibit Number Two is a log of the subject well. The
4 perforated interval is marked in red, the perforations and
5 treatment are written on the log.

6 Q I refer you to Applicant's Exhibit Number Three and
7 ask if that was prepared by you or under your supervision?

8 A It was prepared under my supervision.

9 Q And would you explain in some detail what that
10 exhibit purports to show?

11 A Yes, sir, Exhibit Number Three is a sketch of the
12 proposed dual completion for the subject well. It shows the
13 Wolfcamp zone perforated from eighty-eight, eighty to eighty-nine,
14 eighty, the Morrow gas zone perforated from eleven thousand,
15 two hundred and fifty to eleven thousand, two hundred and
16 fifty-eight feet. It shows the equipment that is in the
17 wellbore now, it shows the zones segregated by packers and
18 it also shows a crossover assembly which will allow us to
19 produce the Wolfcamp, the upper zone in the tubing, the Morrow
20 or lower zone in the casing annulus.

21 Q And what precautions have you taken to see that there
22 is no communication between these two zones?

23 A We have, of course, installed the packers, we are
24 prepared to take a packer leakage test as required by the State
25 and those are the precautions we have taken.

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Page 7

1 Q Mr. Morgan, is it your opinion that granting of this
2 application for a dual completion will afford you the opportunity
3 to produce your just and equitable share of gas?

4 A Yes, sir, it is.

5 Q And that it will prevent waste and protect correlative
6 rights?

7 A Yes, sir, it is.

8 MR. CARSON: I would like to move the introduction
9 of these exhibits.

10 MR. STAMETS: These exhibits will be admitted.
11 (THEREUPON, Applicant's Exhibits One and Two
12 were admitted into evidence.)

13 MR. CARSON: I have no further questions of the
14 witness.

15
16 CROSS EXAMINATION

17 BY MR. STAMETS:

18 Q Mr. Morgan, is the Morrow gas here essentially dry
19 gas?

20 A Yes, sir, it is. On February 13th the Morrow gas
21 zone produced sixty-seven barrels of condensate and six point
22 seven million cubic feet of gas in a twenty-four hour period
23 and the tubing pressure on this well was thirteen hundred and
24 fifty pounds and it was produced on a twenty, sixty-four choke.
25 It does have some liquids but I would call it essentially a

1 dry well.

2 Q Six point seven million gas and how much liquids?

3 A Sixty-seven barrels of condensate, no water.

4 Q If this condensate should become a problem later on,
5 would there be some method of dealing with it at that time?

6 A I don't foresee the condensate in this particular
7 formation becoming a problem. If it does become a problem then
8 we could not dual the thing, we would have to lift the fluid
9 artificially through the tubing and therefore seek to abandon
10 the Wolfcamp zone.

11 Q Do both of these zones look pretty good right now?

12 A The Wolfcamp does not, the Morrow looks very good.

13 Q So it could be that by the time this would become
14 a problem the Wolfcamp would be depleted and you would produce
15 it through a single string of tubing?

16 A Yes, sir.

17 MR. STAMETS: Any other questions of the witness?

18 He may be excused.

19 (THEREUPON, the witness was excused.)

20 MR. STAMETS: Anything further in this case? We will
21 take it under advisement.

22

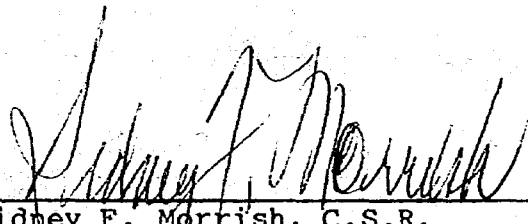
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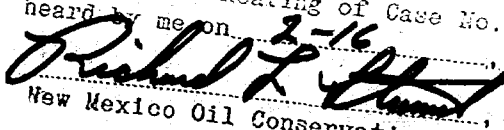
25

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.

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I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 5810
heard by me on 2-16, 1977
, Examiner
New Mexico Oil Conservation Commission

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Page 1

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
February 2, 1977

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Corpora-
tion for dual completions, Eddy County,
New Mexico.

CASES

5810

5847

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil
Conservation Commission:

Lynn Teschendorf, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

1 MR. NUTTER: We will call next Cases Number 5810
2 and 5847, both of which have the same style.

3 MS. TESCHENDORF: Case 5810 and Case 5847 involve the
4 application of Yates Petroleum Corporation for dual completions
5 in Eddy County, New Mexico.

6 They have requested that those two also be continued
7 to the February 16th hearing.

8 MR. NUTTER: Cases Number 5810 and 5847 will be
9 continued to the Examiner Hearing scheduled to be held at this
10 same place, nine o'clock A.M., February 16th, 1977.

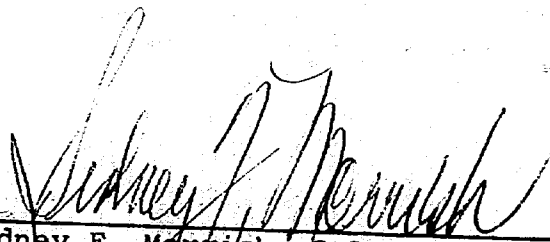
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REPORTER'S CERTIFICATE

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. 5810 & 5847
heard by me on 2/2, 19 77.


Examiner
New Mexico Oil Conservation Commission

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. 5810
Order No. R-5374

APPLICATION OF YATES PETROLEUM
CORPORATION FOR A DUAL COMPLETION,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 16, 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 22nd day of February, 1977, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Yates Petroleum Corporation, seeks authority to complete its Stonewall "EP" Com Well No. 1, located in Unit F of Section 30, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) to produce gas from the North Burton Flat-Wolfcamp Gas Pool and an undesignated Morrow gas pool.

(3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Yates Petroleum Corporation, is hereby authorized to complete its Stonewall "EP" Com Well No. 1, located in Unit F of Section 30, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) to produce gas from the North Burton Flat-Wolfcamp Gas Pool through 2 3/8-inch tubing and gas from an undesignated Morrow gas pool through 2 3/8-inch tubing to a crossover assembly set in a packer

-2-

Case No. 5810
Order No. R-5374

at approximately 8817 feet and thence to the surface through the casing-tubing annulus with separation of the zones accomplished by means of a packer set at approximately 11,145 feet.

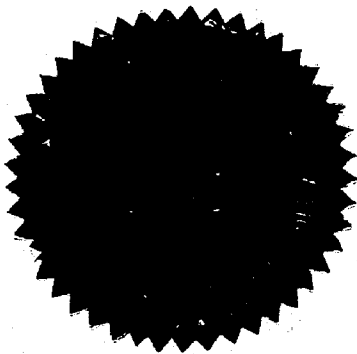
PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Shut-In Pressure Test Period for gas wells in Southeast New Mexico.

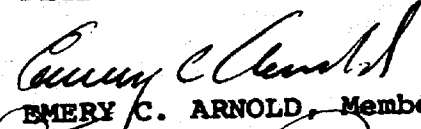
(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

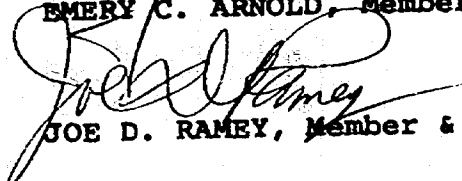
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



PHIL R. LUCERO, Chairman


EMERY C. ARNOLD, Member


JOE D. RAMEY, Member & Secretary

S E A L

jr/

[illegible]

6 Wright-Fed City Serv 0557962	7 Baling City Serv 0557962	8 City Serv 0557962	9 City Serv 0557962	10 City Serv 0557962	11 City Serv 0557962	12 City Serv 0557962	13 City Serv 0557962	14 City Serv 0557962	15 City Serv 0557962	16 City Serv 0557962	17 City Serv 0557962	18 City Serv 0557962	19 City Serv 0557962	20 City Serv 0557962	21 City Serv 0557962	22 City Serv 0557962	23 City Serv 0557962	24 City Serv 0557962	25 City Serv 0557962	26 City Serv 0557962	27 City Serv 0557962	28 City Serv 0557962	29 City Serv 0557962	30 City Serv 0557962	31 City Serv 0557962	32 City Serv 0557962	33 City Serv 0557962	34 City Serv 0557962	35 City Serv 0557962	36 City Serv 0557962	37 City Serv 0557962	38 City Serv 0557962	39 City Serv 0557962	40 City Serv 0557962	41 City Serv 0557962	42 City Serv 0557962	43 City Serv 0557962	44 City Serv 0557962	45 City Serv 0557962	46 City Serv 0557962	47 City Serv 0557962	48 City Serv 0557962	49 City Serv 0557962	50 City Serv 0557962	51 City Serv 0557962	52 City Serv 0557962	53 City Serv 0557962	54 City Serv 0557962	55 City Serv 0557962	56 City Serv 0557962	57 City Serv 0557962	58 City Serv 0557962	59 City Serv 0557962	60 City Serv 0557962	61 City Serv 0557962	62 City Serv 0557962	63 City Serv 0557962	64 City Serv 0557962	65 City Serv 0557962	66 City Serv 0557962	67 City Serv 0557962	68 City Serv 0557962	69 City Serv 0557962	70 City Serv 0557962	71 City Serv 0557962	72 City Serv 0557962	73 City Serv 0557962	74 City Serv 0557962	75 City Serv 0557962	76 City Serv 0557962	77 City Serv 0557962	78 City Serv 0557962	79 City Serv 0557962	80 City Serv 0557962	81 City Serv 0557962	82 City Serv 0557962	83 City Serv 0557962	84 City Serv 0557962	85 City Serv 0557962	86 City Serv 0557962	87 City Serv 0557962	88 City Serv 0557962	89 City Serv 0557962	90 City Serv 0557962	91 City Serv 0557962	92 City Serv 0557962	93 City Serv 0557962	94 City Serv 0557962	95 City Serv 0557962	96 City Serv 0557962	97 City Serv 0557962	98 City Serv 0557962	99 City Serv 0557962	100 City Serv 0557962
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Spillings

ALMOND COUNTY EXHIBIT #2

WELL STONE WALL "E.P." STATE #1 CORN

FIELD DURTON FLAT

COUNTY DOY STATE NEW MEXICO

1980 EN 554

Other Services:

5-DLL/4504

API SERIAL NO	SEC	TWP	RANGE
	30	20-5	28-5

Permanent Datum: GL; Elev.: 3282
Log Measured From KA, 18 Ft. Above Perm. Datum
Drilling Measured From KA

Elev.: K.B. 3500
D.F. _____
G.L. 3282

Date	30 AUG 75							
R- No.	065-							
Drillman-Driller	11480							
Drillman-Logger	11478							
Run Log Interval	11475							
Foot Log Interval	0							
Coring-Driller	878 @ 2800	@		@				@
Coring-Logger	2590							
C- Size	7 7/8							
Test Fluid in Hole	ASBESTOS-SWCMC							
Dens. - Vis.	9.8 38							
Core - Fluid Loss	11.0 8.8 ml		ml			ml		
Source of Sample	PIT							
R- @ Meas. Temp.	1087 @ 76 F	@	F	@	F	@	F	@
R- @ Meas. Temp.	1067 @ 78 F	@	F	@	F	@	F	@
R- @ Meas. Temp.	1171 @ 76 F	@	F	@	F	@	F	@
Source - R- C	M C							
R- @ Int.	1037 @ 114 F	@	F	@	F	@	F	@
Core Location Stopped								
Core Logger on Bottom								
Max. Ret. Temp.	174 F		F		F		F	
Equip. Location	7245 - 10005							
Recorded By	REED							
Witnessed By Mr.	HARDEE							

300

8900

BEST COPY AVAILABLE

2011年12月

Permanent Depth: 56; Elev.: 1282
 Log Measured from KA; 18 ft. Above Perm. Datum
 Drilling Measured from KA

Elev.: K.8, 3100
 D.F. 1282
 G.L. 1282

[illegible]

DEPT. OF THE ARMY
OIL & FUEL DIVISION
CASE NO. 5810
SUBJECT: 74785 Petrolium
Hearing 2/10/77

ADMINISTRATIVE SECTION INFORMATION DEPARTMENT

COMPANY YATES PETROLEUM CORPORATION

WELL STONEWALL "EP" STATE #1 CROWN

FIELD BURTON FLAT

COUNTY ERRY STATE NEW MEXICO

1950 ENCEL

Other Services:

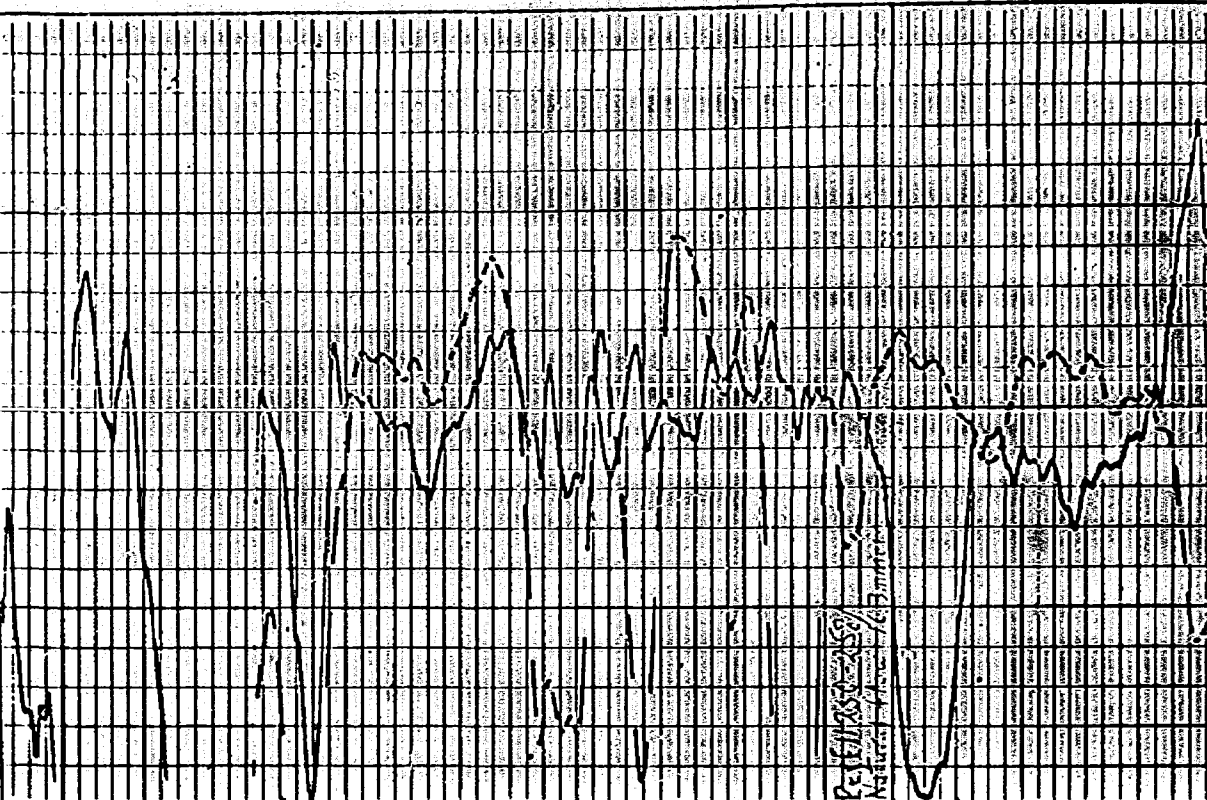
5-DLL/MSAL

API SERIAL NO SEC TWP RANGE
 30 20-5 28-E

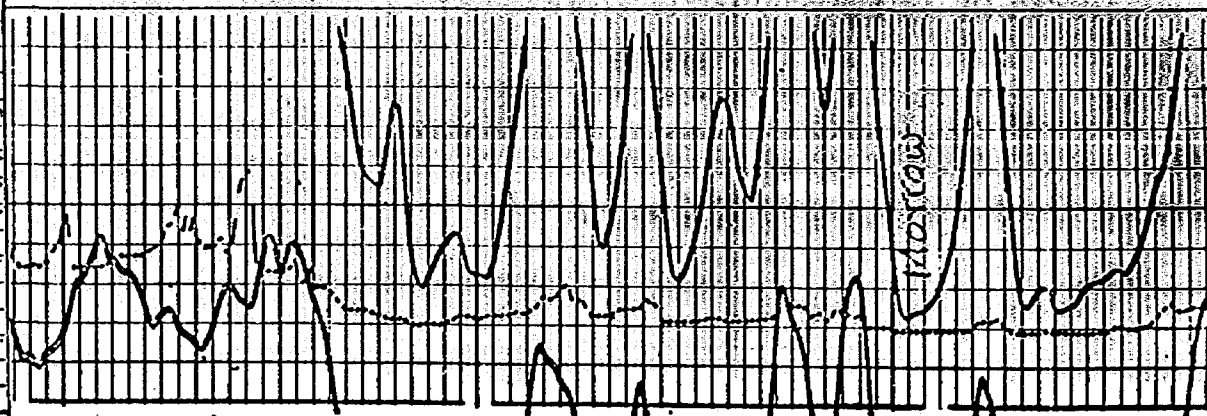
Permanent Datum: GL Elev.: 3282
 Log Measured From: KA 18 Ft. Above Perm. Datum
 Drilling Measured From: KA

Elev.: K.B. 3100
 D.F. GL 3282

Date	30 AUG 75				
Run No.	015				
Drain-Driller	11482				
Drain-Logger	11478				
Drain-Log Interval	11476				
Top Log Interval	0				
Casing-Driller	878 2800	@		@	@
Casing-Logger	2500				
Casing Size	7 1/8				
Flow Fluid in Hole	ASBESTOS - 3VCHC				
Vis. 1 Visc.	9.8 138				
Flow Fluid Loss	11.0 8.8 ml		ml		ml
Source of Sample	PIT				
Rm E Meas. Temp.	1087 676 F	@	F	@	F
Rm E Meas. Temp.	1069 678 F	@	F	@	F
Rm E Meas. Temp.	1131 676 F	@	F	@	F
Source Rm E Meas.	M C				
Rm E Meas.	832 6114 F	@	F	@	F
Drainage Equipment					
Drainage Equipment					
Max. Rec. Temp.	177		F		F
Equip. Location	7645 11000				
Recorded By	REED				
Witnessed By Mr.	HARDEE				

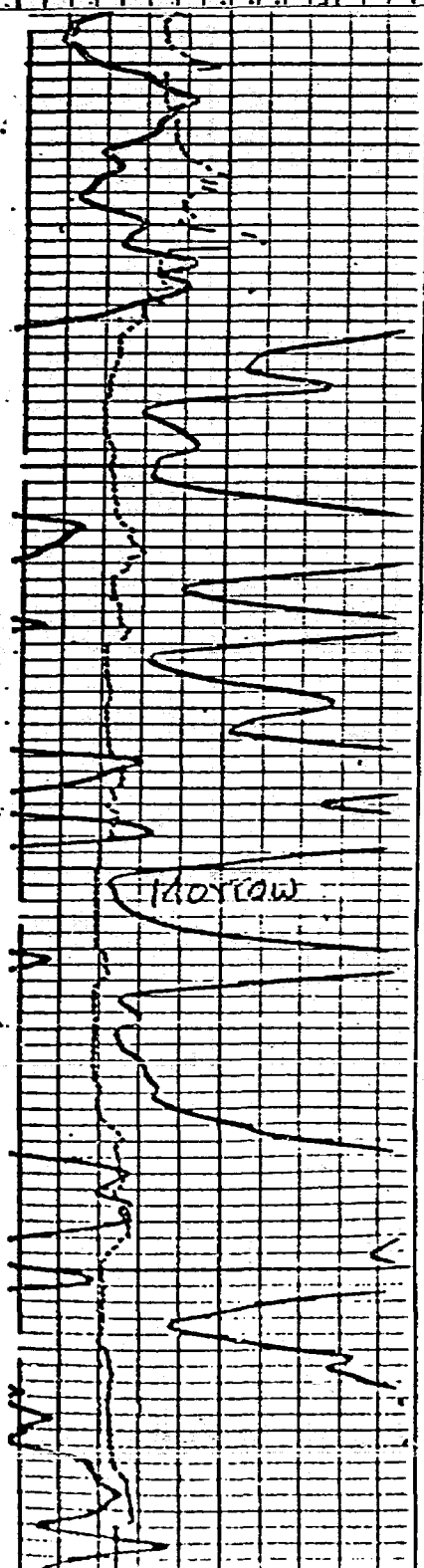


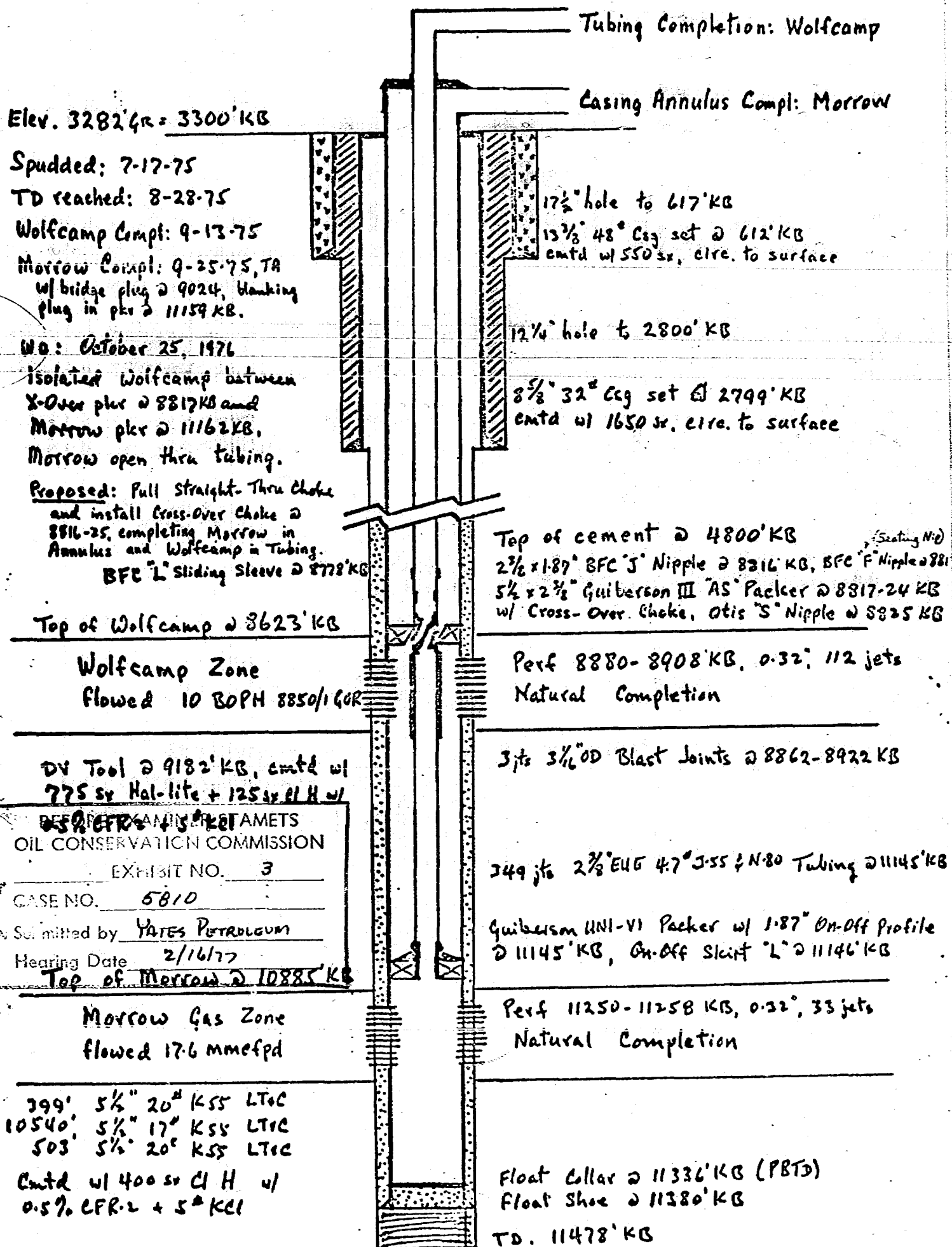
1200

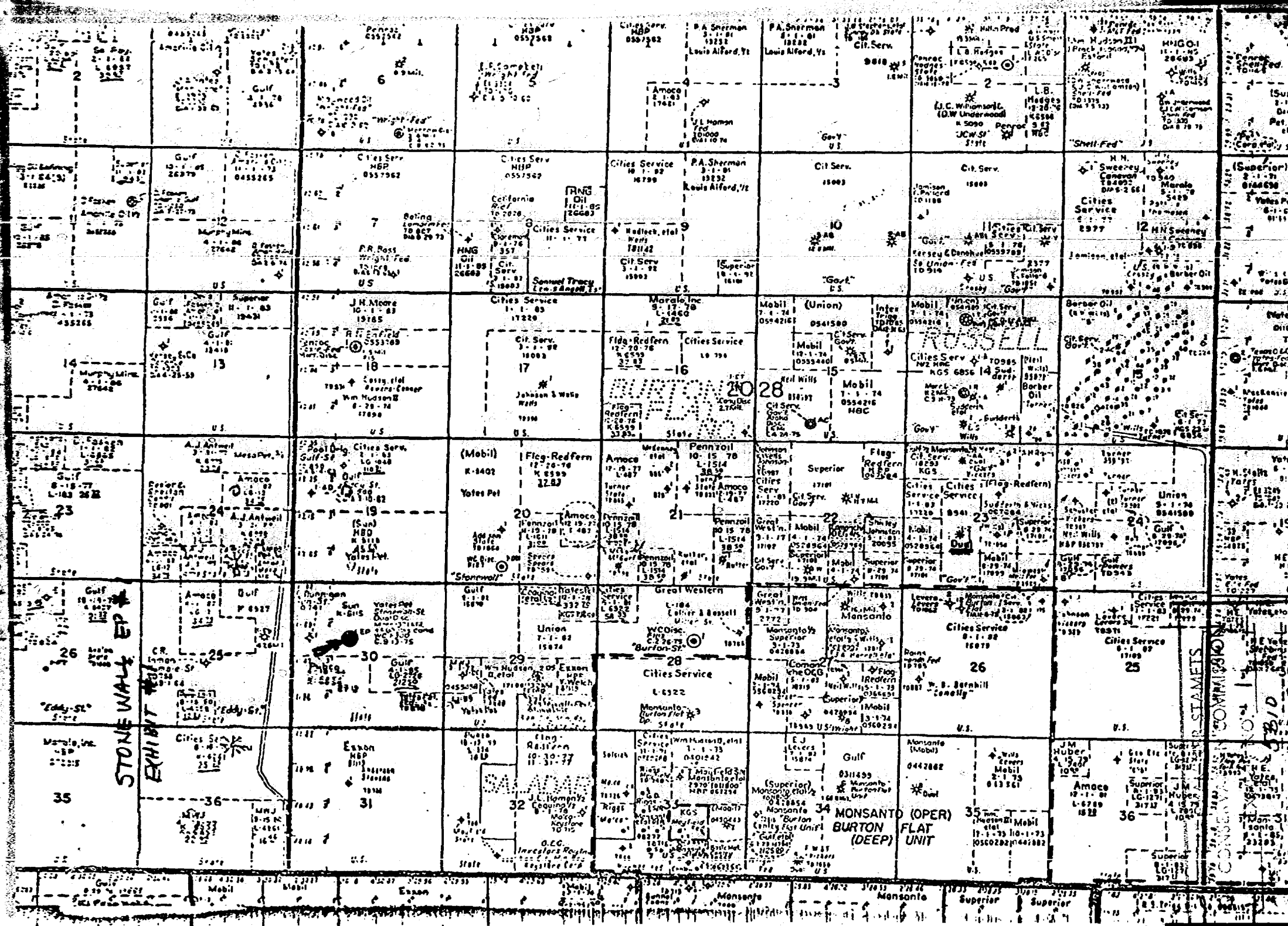


Stammesgeschichte

P. 11250-250
Natural flow 16.3 m/s



Diagrammatic Sketch of Dual CompletionStonewall "EP" State Com. No. 1, 1980/N 1980/W Sec 30-20s-28E



6 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562	7 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562	8 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562	9 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562	10 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562	11 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562	12 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562	13 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562	14 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562	15 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562 City Serv HBP 0557562
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COMPRESSOR RECORDING FORMATION DENSITY

COMPANY YATES PETROLEUM CORPORATION

WELL STONEWALL "EP" STATE #1

FIELD BURTON FLAT

COUNTY ESSEX STATE NEW MEXICO

LOCATION 1980 FM 266

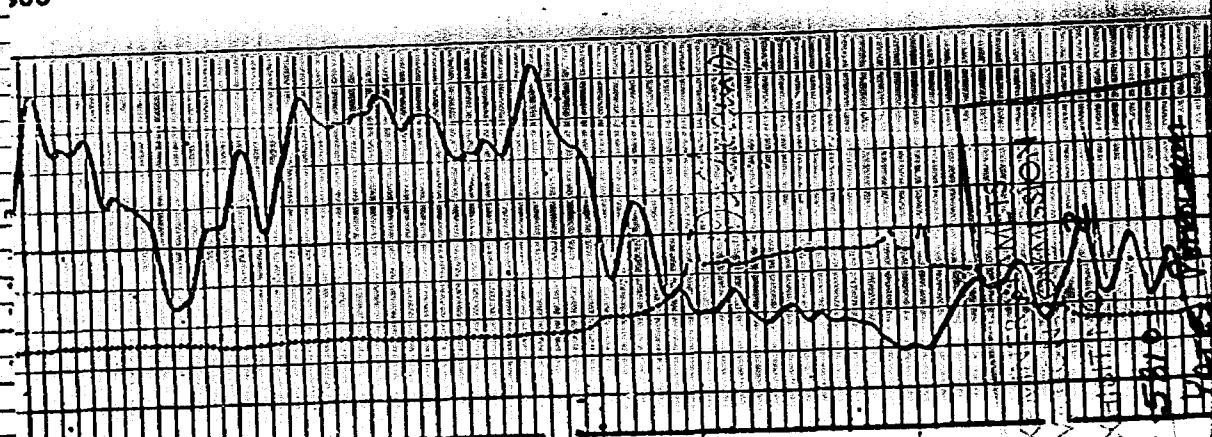
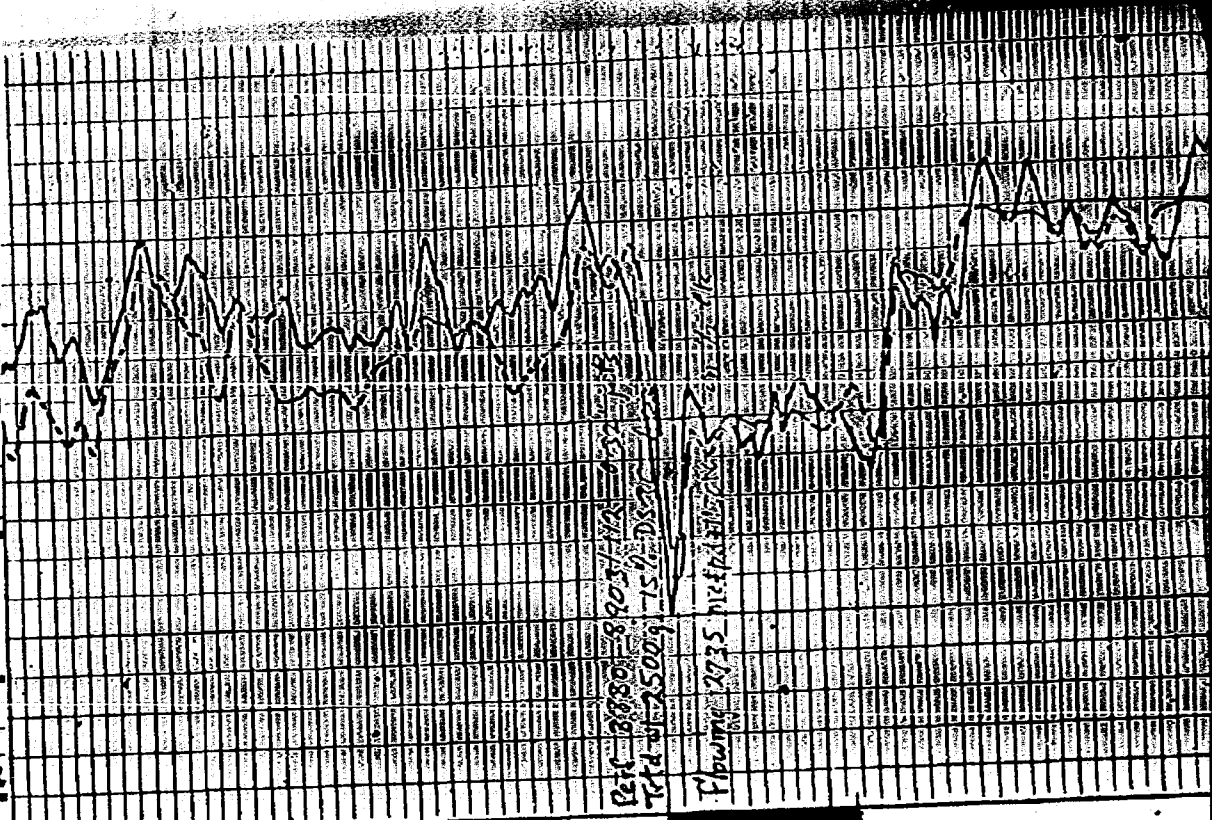
Other Services:
5-DLL/MSH

API SERIAL NO. 30 SEC. 20.5 TWP. 28.5

Permanent Datum: GL Elev.: 3282
Log Measured From: KA 18 Ft. Above Perm. Datum
Drilling Measured From: KA

Elev.: K.B. 3100
D.F. GL 3282

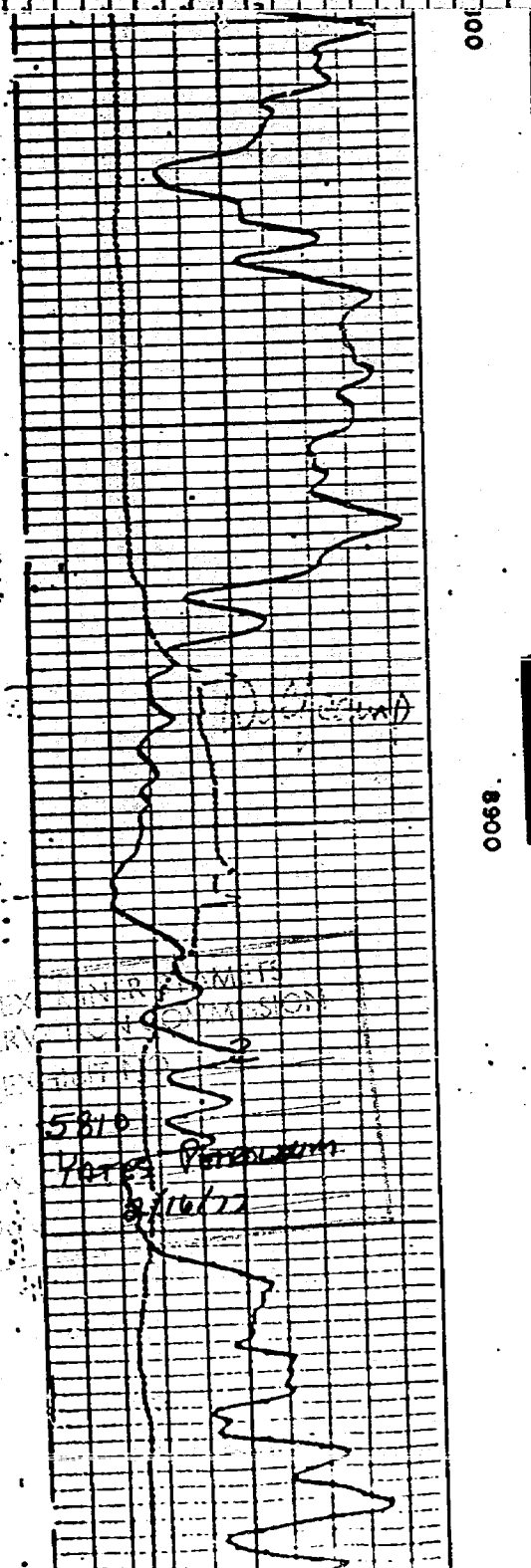
Date	30 AUG 75								
Run No.	045								
Depth-Driller	11422								
Depth-Logger	11478								
Str. Log Interval	11475								
Top Log Interval	0								
Casing-Driller	878 @ 2800	@		@		@			
Casing-Logger	2500								
Bit Size	7 7/8								
Tool Joint Hole	238525 - 54642								
Depth - Vis.	9.8 38								
Oil - Fluid Loss	11.0 8.8 ml		ml			ml			
Source of Sample	PIT								
R-3 Meas. Temp.	087 @ 76 F	@	F	@	F	@	F	@	F
R-4 Meas. Temp.	069 @ 78 F	@	F	@	F	@	F	@	F
R-5 Meas. Temp.	171 @ 76 F	@	F	@	F	@	F	@	F
Source Temp. R-6	M C								
R-6 Meas. Temp.	037 @ 114 F	@	F	@	F	@	F	@	F
Core Circulation Stopped									
Log on Bottom									
Max. Rec. Temp.	174 F		F		F		F		F
Equip. Location	7245 4000								
Recorded By	REE								
Witnessed By Mr.	W. D. DEE								



BEFORE EX
OIL CONSERV
EX
PAGE NO. 5

1800 PRINCE STREET, NEWTON
FORTH, MIDlothIAN

Percent Depth: 66 ; Elev: 2282
 Leg Measured From KA ; 18 ft. Above Perm. Datum
 Drilling Measured From KA
 Elev: K8.3100
 D.F. 2282
 G.L. 2282

[illegible]

BEFORE EX
OIL CONSERV
EX
CASE NO.
Submitted by
Hearing On

5810
Yates, Vincent
9/16/77

Geological

UNIVERSITY OF CALIFORNIA BIRMINGHAM UNIVERSITY

COMPANY YATES PETROLEUM CORPORATION

WELL STONEWALL 'E.P.' STATE #1

FIELD BURTON FLAT

COUNTY ELLY

STATE NEW MEXICO

1950 FM FEL

Other Services:

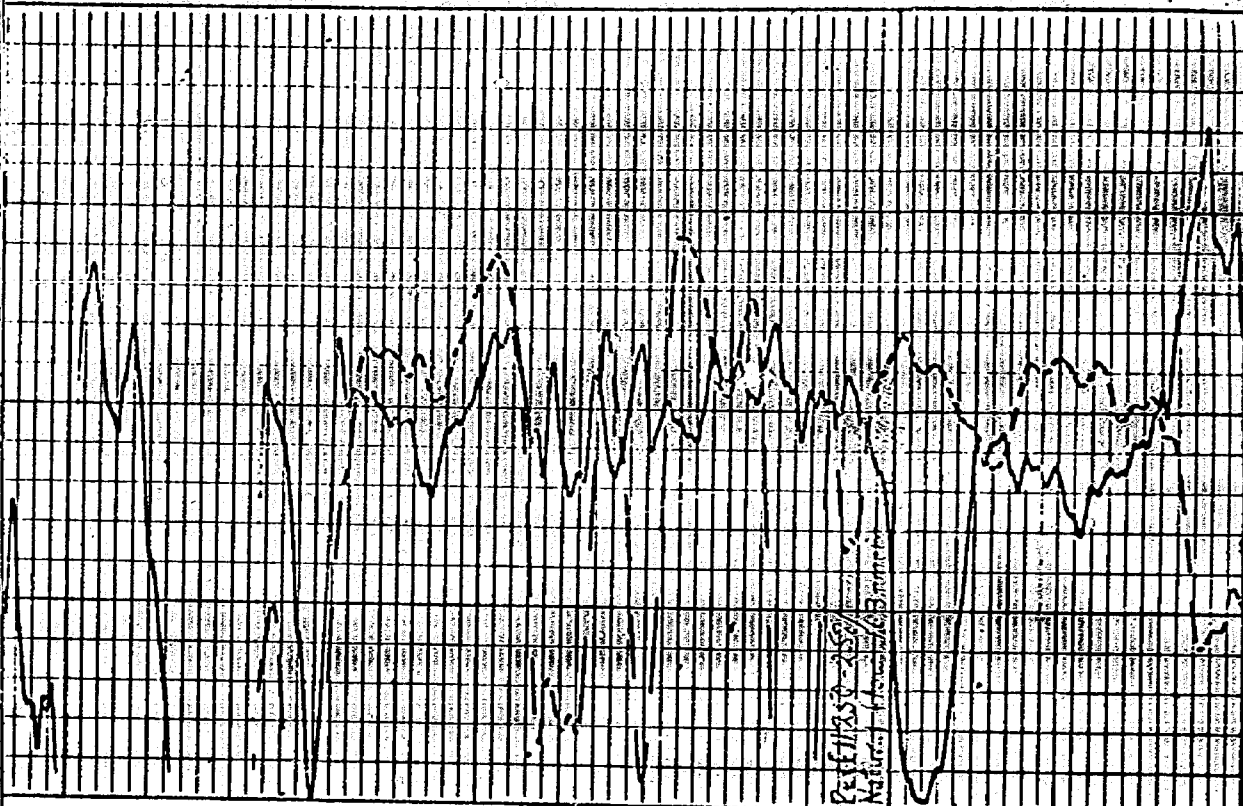
5-DLL/MSAL

API SERIAL NO. 30 SEC. 20-5 TWP. 28-E

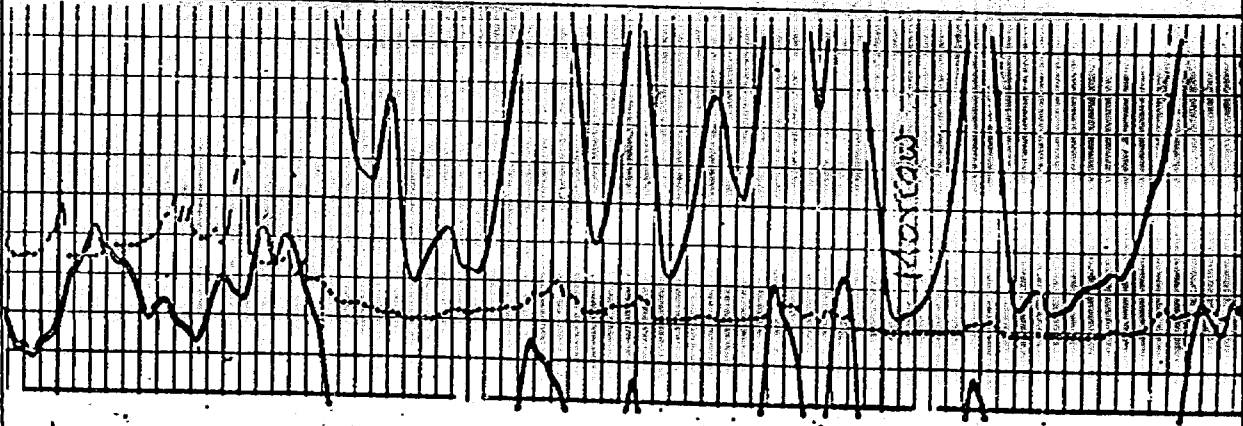
Permanent Datum: GL Elev.: 3282
Log Measured From: KA 18 Ft. Above Perm. Datum
Drilling Measured From: KA

Elev.: K.B. 3300
D.F. GL 3282

Date	30 AUG 75				
Run No.	045				
Drill-Driller	11482				
Drill-Logger	11478				
Drill-Log Interval	11476				
Top Log Interval	0				
Casing-Driller	878 2832	@	@	@	@
Casing-Logger	2500				
Drill Size	7 7/8				
Type Fluid in Hole	ASCEMOS-5VCHG				
Drill Fluid	9.8 138				
Drill Fluid Loss	11.0 8.8 ml	ml	ml	ml	ml
Source of Sample	PIT				
Rm @ Meas. Temp.	087 276 F	@	@	@	@
Rm @ Meas. Temp.	089 278 F	@	@	@	@
Rm @ Meas. Temp.	131 276 F	@	@	@	@
Source Rm @ Meas.	M C				
Rm @ Meas.	032 2114 F	@	@	@	@
Drill Casing or Bottom					
Max. Rec. Temp.	177	F	F	F	F
Equip. Location	7645 NIDDS				
Recorded By	RJEP				
Witnessed By Mr.	HARDEE				



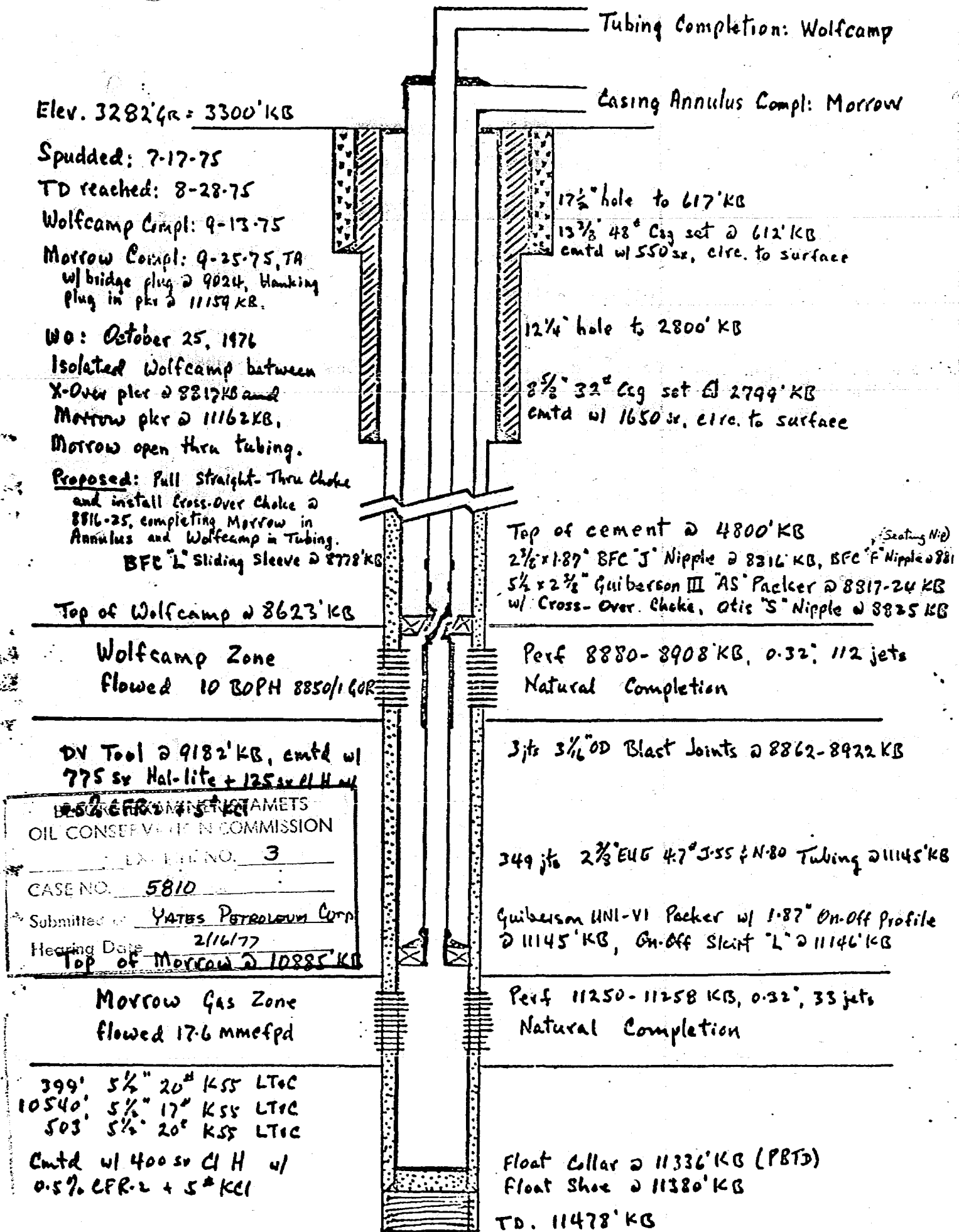
1200



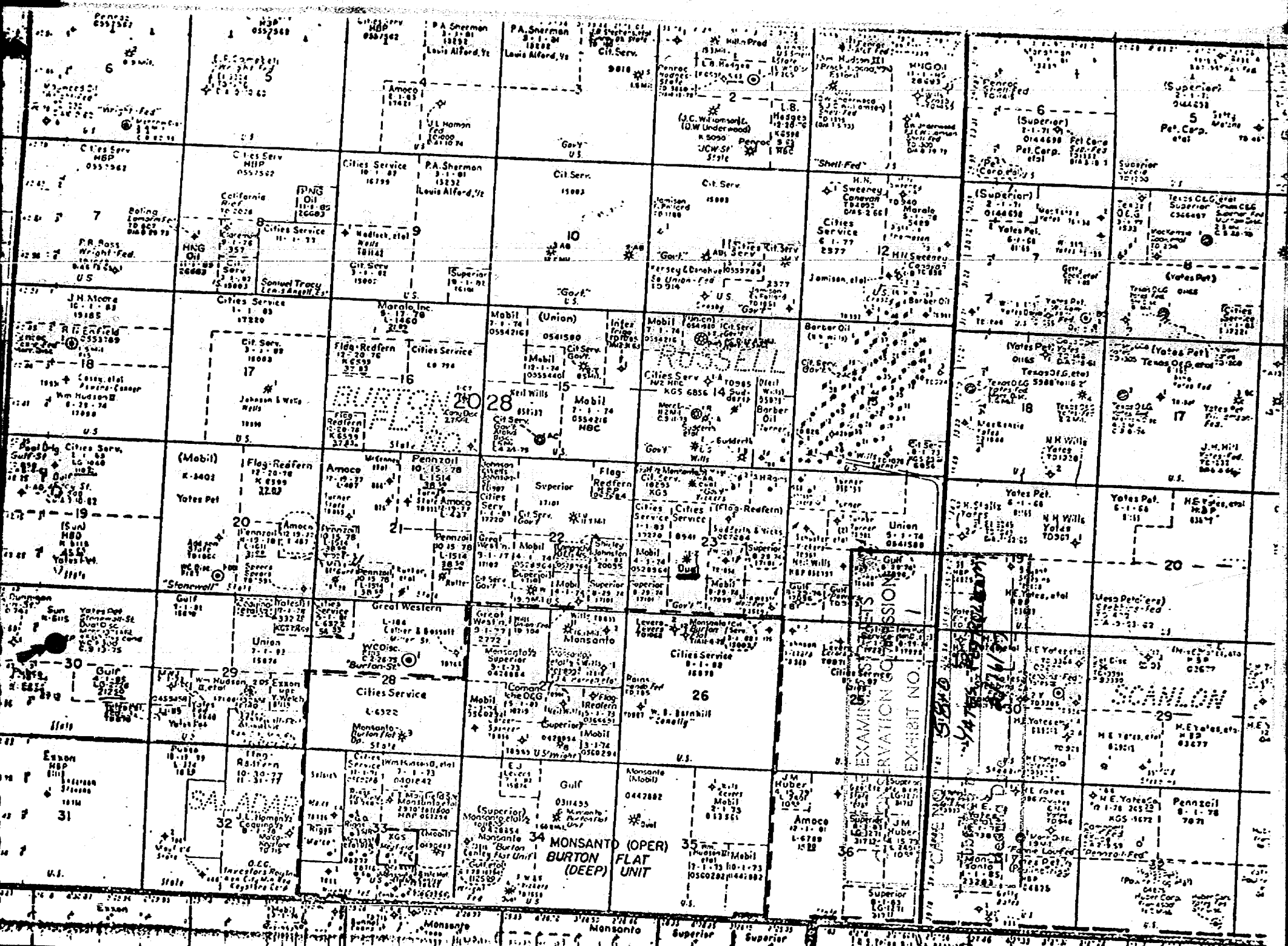
Diagrammatic Sketch of Dual Completion

EXHIBIT #3

Stonewall "EP" State Com. No. 1, 1980/N 1980/W Sec 30-20s-28E



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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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EDUCATION INFORMATION FORBIDDEN

COMPANY YATES PETROLEUM CORPORATION

WELL STONEWALL 'E.P.' STATE #1

FIELD BURTON FLAT

COUNTY ROCKY STATE NEW MEXICO

LOCATION 1980 FM 126

Other Services:
5-ALL/NSAL

API SERIAL NO. 30 SEC. 20.5 TWP. 28-E

Permanent Datum: GL Elev.: 3282
Log Measured From: KB 18 Ft. Above Perm. Datum
Drilling Measured From: KB

Elev.: K.B. 3200
D.F. GL 3282

Date	30 AUG 75				
Run No.	015				
Depth-Dr. or	11480				
Depth-Logger	11478				
Str. Log Interval	11475				
Top Log Interval	0				
Casing-Dr. or	8 1/2 @ 2800	@	@	@	
Casing-Logger	2800				
Bit Size	7 7/8				
Loss of Circulation	ASBESTOS-SVCHC				
Loss of Mud	9.8 38				
Sh. Fluid Loss	110 8.8 ml	ml			
Source of Sample	PIT				
R-1 Meas. Temp.	087 @ 76 F	@	F	@	F
R-2 Meas. Temp.	067 @ 78 F	@	F	@	F
R-3 Meas. Temp.	131 @ 76 F	@	F	@	F
Source of Sample	M C				
R-4 Meas. Temp.	037 @ 114 F	@	F	@	F
Loss of Circulation Stopped					
Logger on Bottom					
Max. Rec. Temp.	124 F	F	F	F	F
Equip. Location	7454 4000				
Recorded By	REED				
Witnessed By Mr.	WARDEN				

300

8900

BEFORE EXAMINER'S SIGNATURE
OIL CONSERVATION COMMISSION

CASE NO.

Submitted

2011-12-01

COUNTY

FILLO

LOCATION

Will
2175 224.56

COMPAN

COMPANY JOHNS PATROLING CORPORATION

WELL: STOKES MARL "EP" STATE #1

FIELD DEATH FLAT

COUNTY EL PASO STATE NEW MEXICO

1980 FA 552

Other Services:

5-226/4502

API SERIAL NO	SEC	WFO	RANGI
	30	20.5	28.5

66

50

Elev.: 3282

Elev.: K.8.3100

61.7284

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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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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[illegible][illegible]

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[illegible]

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: 'Pretest' (a single trial), 'Practice' (10 trials), 'Test' (10 trials), and 'Posttest' (10 trials). The 'Test' phase is divided into 'Block' and 'Random' conditions. The 'Posttest' phase is divided into 'Block' and 'Random' conditions. The 'Test' and 'Posttest' phases are separated by a 'Break'.

1

DO!

0068.

Perf 8880-8903/112 0.32" jets
Ttd w/ 2500g 15% DSGC ~~fuel~~

Flowing 2735 mtpd all sectors on 1/2 c/c

BEFORE THE AMERICAN STATES
OIL CONSERVATION COMMISSION

CASE NO.

Submit to:

Hearing D

58/0

~~1418 PETROLEUM~~

2/16/72

Standard Oil Company

STANDARD OIL COMPANY INDIANAPOLIS, INDIANA

COMPANY YATES PETROLEUM CORPORATION

WELL STONEWALL "E.P." STATE T/C

FIELD BURTON FLAT

COUNTY EDDY

STATE NEW MEXICO

LOCATION 1980 FM 261

Other Services:

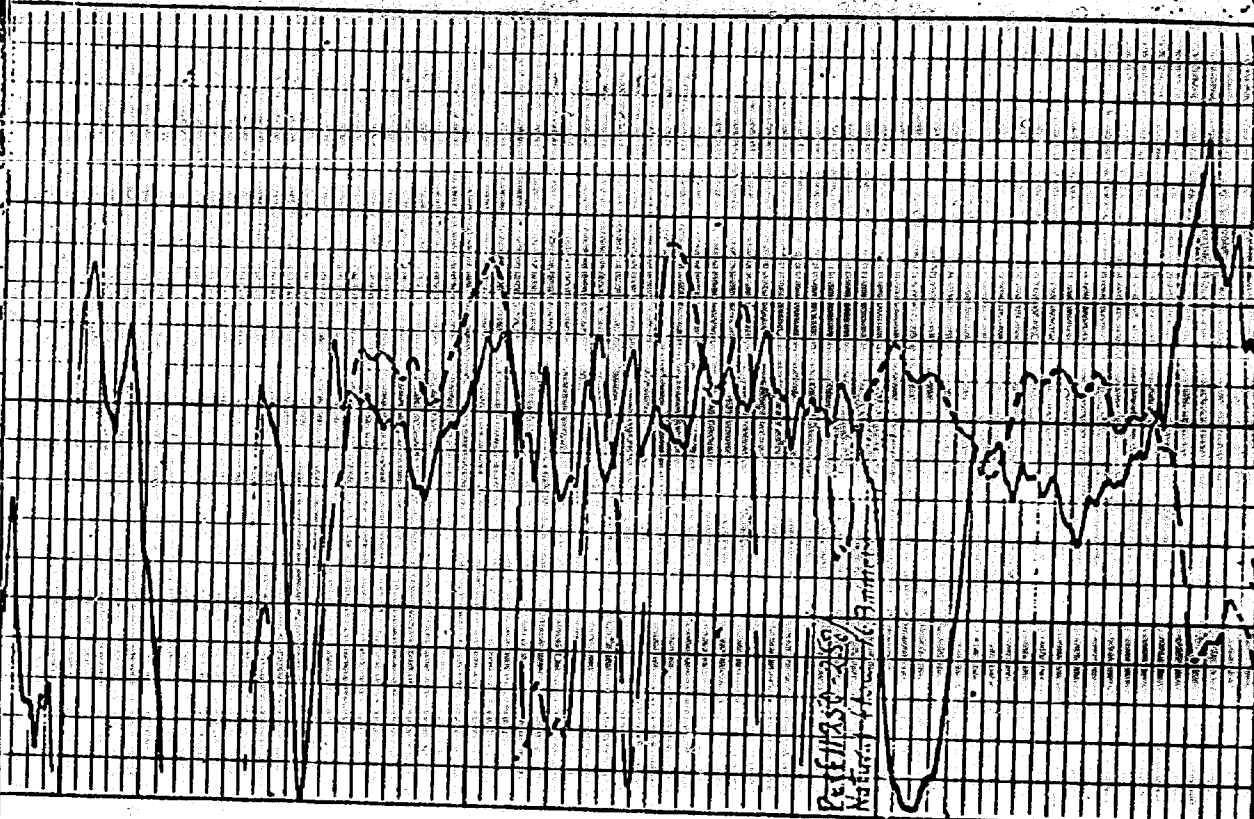
5-DLL/MSL

API SERIAL NO. 70 SEC. 20-5 TWP. 28-E

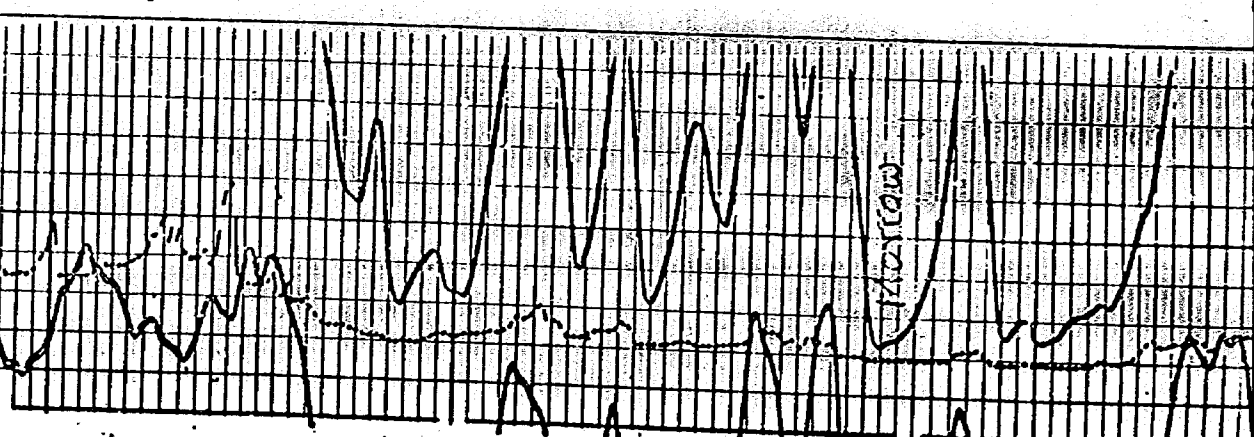
Permanent Datum: GL; Elev.: 3282
Log Measured From: KA, 18 Ft. Above Perm. Datum
Drilling Measured From: KA

Elev.: K.B. 3200
D.F. GL 3282

Date	<u>30 AUG 75</u>				
Run No.	<u>015</u>				
Drum-Driver	<u>11482</u>				
Drum-Logger	<u>11478</u>				
Br. Log Interval	<u>11476</u>				
Top Log Interval	<u>0</u>				
Casing-Driver	<u>828 & 2801</u>	@	@	@	@
Casing-Logger	<u>2500</u>				
Br. Size	<u>7 7/8</u>				
Top Fluid Hole	<u>ASBESTOS - SWCHG</u>				
ms. TV. 100	<u>9.8</u>	<u>38</u>			
ml. Fluid loss	<u>11.0</u>	<u>8.8</u> ml			
Source of Sample	<u>PIT</u>				
Rm. E Meas. Temp.	<u>087</u>	<u>876</u> F	@	'F	@
Rm. E Meas. Temp.	<u>089</u>	<u>878</u> F	@	'F	@
Rm. E Meas. Temp.	<u>131</u>	<u>876</u> F	@	'F	@
Source Rm. E Meas.	<u>M</u>	<u>G</u>			
Rm. E Meas.	<u>032</u>	<u>8114</u> F	@	'F	@
Dr. Circulation Stoppage					
Dr. Logger on Bottom					
Max. Rec. Temp.	<u>175</u>		'F		'F
Equip. Location	<u>7645</u>	<u>10005</u>			
Recorded By	<u>REED</u>				
Witnessed By Mr.	<u>HARDEE</u>				



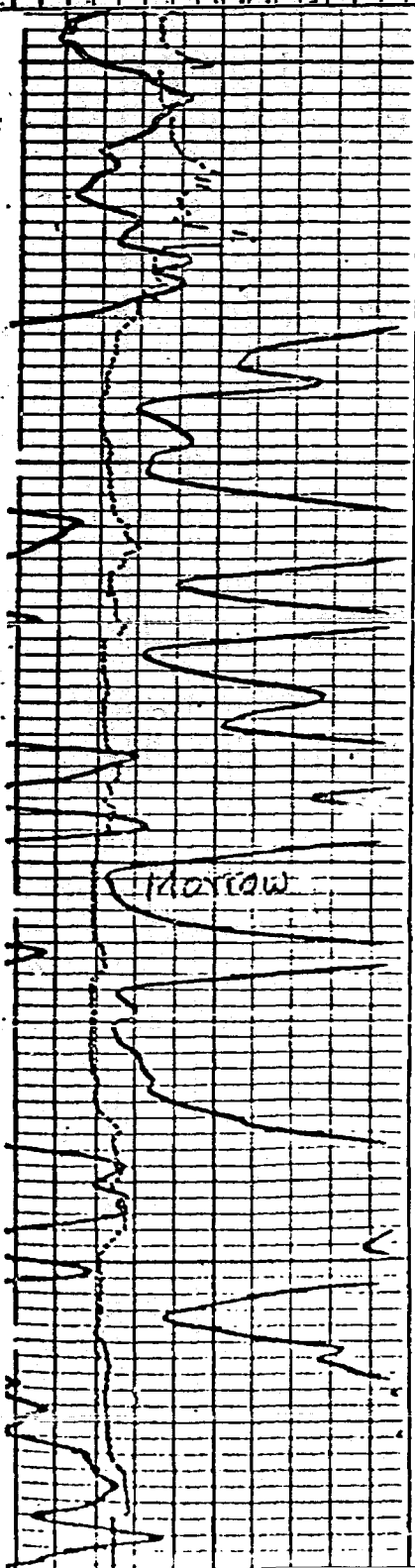
1200



2000

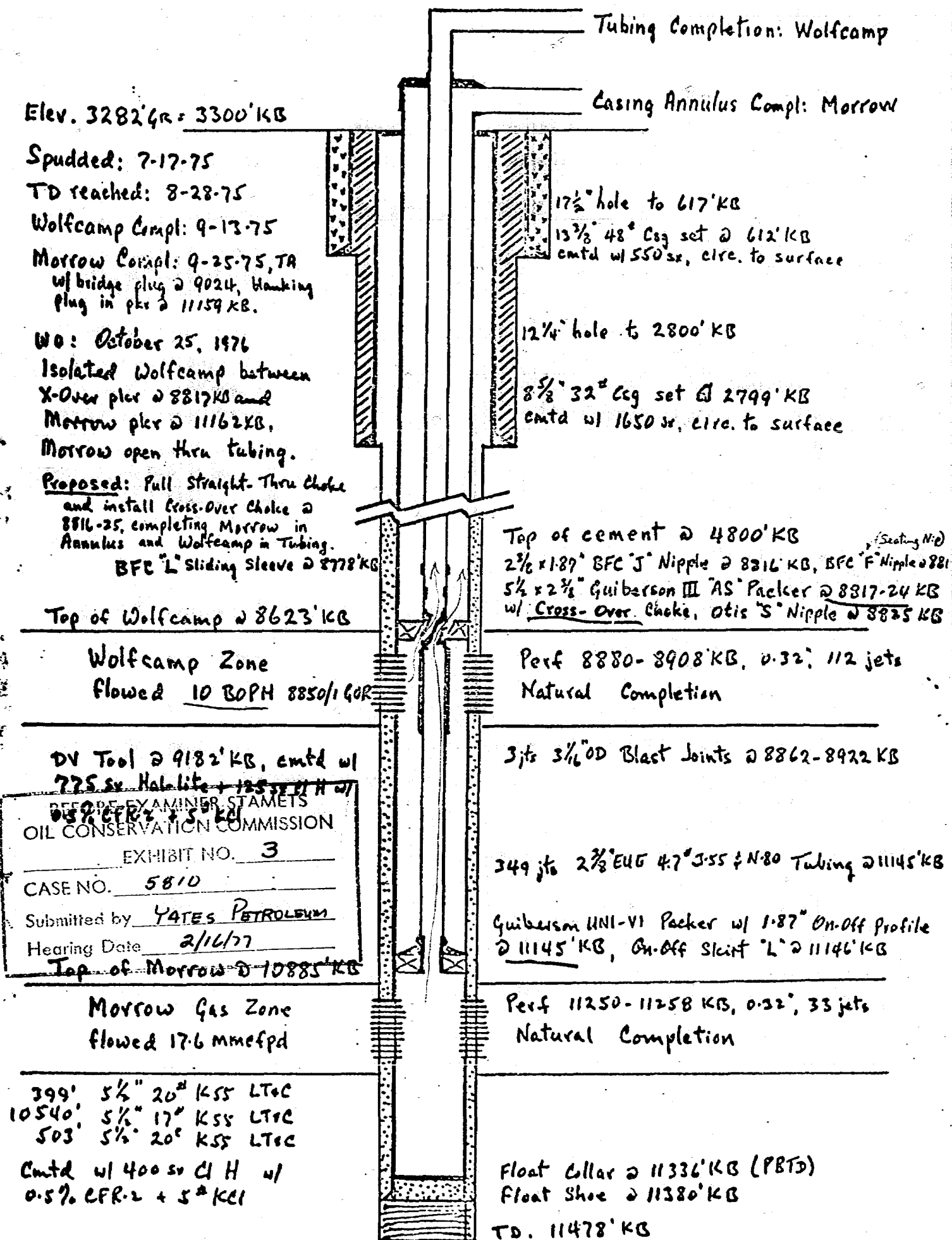
Pet #11850-258
Natural flow 16.3 inches

Per 11250-258
Natural flow 16.3 mm/min



Diagrammatic Sketch of Dual Completion

Stonewall "EP" State Com. No. 1, 1980/N 1980/W Sec 30-20s-28E



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

Page 1

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 19, 1977

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Corpora-) CASE
tion for a dual completion, Eddy County,) 5810
New Mexico.)

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

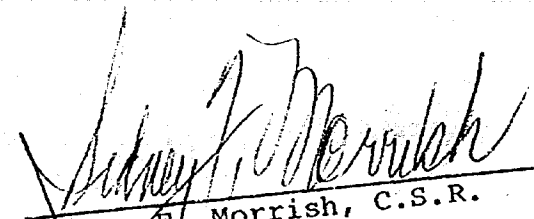
A P P E A R A N C E S

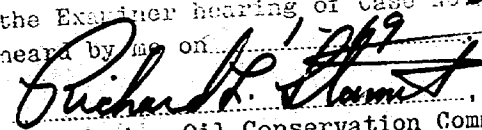
For the New Mexico Oil Conservation Commission: Lynn Teschendorf, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

REPORTER'S CERTIFICATE

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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. 5810
heard by me on 1-24-77 19 77
, Examiner
New Mexico Oil Conservation Commission

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

Docket No. 7-77

Dockets Nos. 8-77 and 9-77 are tentatively set for hearing on March 9 and March 23, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - FRIDAY - FEBRUARY 11, 1977

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

The following case will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

CASE 5872: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the suspension of Rules 15(A) and 15(B) of the General Rules for Prorated Gas Pools as promulgated by Order No. R-1670, as amended, to permit overproduced wells to continue to produce gas during the present severe weather conditions without danger of being shut in for overproduction.

Docket No. 6-77

DOCKET: EXAMINER HEARING - WEDNESDAY - FEBRUARY 16, 1977

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. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE:
- (1) Consideration of the allowable production of gas for March, 1977, from seventeen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for March, 1977, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
 - (3) Consideration of purchaser's nominations for the one-year period beginning April 1, 1977, for both of the above areas.

CASE 5856: Application of Amoco Production Company for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Elliott Gas Com "F" 1-R Well No. 1A to be drilled 1244 feet from the South line and 820 feet from the East line of Section 33, Township 30 North, Range 9 West, Blanco Mesaverde Pool, San Juan County, New Mexico.

CASE 5857: Application of Union Oil Company of California for directional drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to re-enter its Pipeline Deep Unit Federal Well No. 3, the surface location of which is 1980 feet from the North and East lines of Section 7, Township 19 South, Range 34 East, Lea County, New Mexico, and to directionally drill said well in a southerly or easterly direction and complete it in the Morrow formation at a point no closer than 330 feet to the outer boundary of the proration unit, the E/2 of said Section 7.

CASE 5858: Application of Union Oil Company of California for 320-acre spacing, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the adoption of 320-acre spacing and proration units for the North Quail Ridge-Morrow Gas Pool, Lea County, New Mexico. In the absence of objection, the Commission will adopt such 320-acre spacing.

CASE 5859: (This case will be continued and readvertised.)

Application of Caulkins Oil Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Basin-Dakota and Blanco-Mesaverde production in the wellbore of its Breech D Well No. 307 located in Unit M of Section 13, Township 26 North, Range 7 West, Rio Arriba County, New Mexico.

CASE 5860: Application of Rice Engineering & Operating, 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 formation through the open hole interval from 4176 feet to 5500 feet of its Hobbs SWD Well No. P-16, located in Unit P of Section 16, Township 19 South, Range 38 East, Hobbs Field, Lea County, New Mexico.

- CASE 5861:** Application of Hanson Oil Corporation for a salt water disposal well, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Delaware formation in the open hole interval from 1926 to 1978 feet in its Sulphate Sister Well No. 1, located in Unit E of Section 13, Township 25 South, Range 26 East, Eddy County, New Mexico.
- CASE 5862:** Application of Palmer Oil and Gas Company for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Federal 1 Well No. 1 located 1525 feet from the South line and 820 feet from the East line of Section 1, Township 31 North, Range 13 West, Blanco Mesaverde and Basin-Dakota Pools, San Juan County, New Mexico.
- CASE 5863:** Application of Amerada Hess Corporation for an unorthodox oil well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Jicarilla Apache "B" Well No. 16, completed as an oil well in the Dakota formation at a point 1850 feet from the South line and 1500 feet from the West line of Section 29, Township 25 North, Range 5 West, Rio Arriba County, New Mexico, said well having been projected as a Basin-Dakota gas well at a standard gas well location for said pool.
- CASE 5864:** Application of Agua, Inc. for the amendment of Order No. R-5137, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the further amendment of Order No. R-5137, which authorized the disposal of produced salt water into the San Andres formation through the open-hole interval from approximately 4000 feet to 5000 feet in applicant's Blinbry-Drinkard SWD System Well No. A-22, located in Unit A of Section 22, Township 22 South, Range 37 East, Blinbry-Drinkard-Langlie Mattix Area, Lea County, New Mexico. Said order, as amended, limited surface injection pressures to 800 psi, and applicant seeks its amendment to permit surface injection pressures up to 1500 psi.
- CASE 5865:** Application of Inexco Oil Co. for 320-acre spacing, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the adoption of 320-acre spacing and proration units for the West Tonto-Pennsylvanian Gas Pool, Lea County, New Mexico. In the absence of objection, the Commission will adopt such 320-acre spacing.
- CASE 5866:** Application of Union Texas Petroleum for an exception to casing and cementing requirements of Order No. R-111-A, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the casing and cementing requirements of Order No. R-111-A to eliminate the salt protection string in a well it proposes to drill in Unit D of Section 33, Township 20 South, Range 34 East, Lynch Yates-Seven Rivers Pool, Lea County, New Mexico.
- CASE 5867:** Application of Texas Oil & Gas Corporation 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 19, Township 21 South, Range 27 East, Burton Flat Field, Eddy County, New Mexico, to be dedicated to its Forrest Well No. 1 to be located in Unit N of said Section 19. Also to be considered will be the cost of completing said well and the allocation of the cost 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 completion of said well.
- CASE 5820:** (Continued from the February 2, 1977, Examiner Hearing.)
Application of Texas Oil & Gas Corporation 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 W/2 of Section 4, Township 22 South, Range 26 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost 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 5868:** Application of Harvey E. Yates Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Travis Deep Unit Well No. 1 to be drilled 1980 feet from the South line and 1684 feet from the West line of Section 18, Township 18 South, Range 29 East, Eddy County, New Mexico, the S/2 of said Section 18 to be dedicated to the well.
- CASE 5846:** (Continued and Readvertised)
Application of Harvey E. Yates Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Empire South Deep Unit Well No. 13 to be drilled 660 feet from the South line and 1432 feet from the West line of Section 30, Township 17 South, Range 29 East, South Empire Field, Eddy County, New Mexico, the S/2 of said Section 30 to be dedicated to the well.

- CASE 5869:** Application of Harvey E. Yates Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Big Boggy Well No. 1 to be drilled 990 feet from the South line and 2080 feet from the East line of Section 36, Township 17 South, Range 26 East, Atoka Pennsylvanian Gas Pool, Eddy County, New Mexico, the S/2 of said Section 36 to be dedicated to the well.
- CASE 5870:** Application of Harvey E. Yates Company for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its South Maljamar Deep Unit Well No. 2 to be drilled 990 feet from the South line and 1980 feet from the West line of Section 30, Township 17 South, Range 32 East, Lea County, New Mexico, the S/2 of said Section 30 to be dedicated to the well.
- CASE 5871:** Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Friendly Frenchman Well No. 1 to be drilled 1005 feet from the South line and 660 feet from the East line of Section 32, Township 16 South, Range 26 East, Eddy County, New Mexico, the S/2 of said Section 32 to be dedicated to the well.
- CASE 5810:** (Continued from the February 2, 1977, Examiner Hearing)
- Application of Yates Petroleum Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Stonewall "EP" Com Well No. 1, located in Unit F of Section 30, Township 20 South, Range 28 East, Eddy County, New Mexico, to produce gas from the North Burton Flat-Wolfcamp Gas Pool and an undesignated Morrow gas pool.
- CASE 5847:** (Continued from the February 2, 1977, Examiner Hearing)
- Application of Yates Petroleum Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Gossett "EU" Well No. 1, located in Unit K of Section 26, Township 17 South, Range 25 East, Eddy County, New Mexico, in such a manner as to produce gas from the Lower Wolfcamp or Upper Pennsylvanian and the Lower Pennsylvanian formations through the casing-tubing annulus and tubing, respectively.
- CASE 5848:** (Continued from the February 2, 1977, Examiner Hearing)
- Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Pipkin HE Well No. 1 to be drilled 660 feet from the South and West lines of Section 4, Township 18 South, Range 25 East, Eddy County, New Mexico, the S/2 of said Section 4 to be dedicated to the well.

Docket No. 5-77

Dockets Nos. 6-77 and 7-77 are tentatively set for hearing on February 16 and March 9, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - FEBRUARY 2, 1977

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

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

CASE 5820: (Continued & Readvertised)

Application of Texas Oil & Gas Corporation 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 W/2 of Section 4, Township 22 South, Range 26 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost 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 5834: (Continued & Readvertised)

Application of Sun Oil Company for directional drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to re-enter its Dessie Sawyer Well No. 2, the surface location of which is 2310 feet from the South and West lines of Section 27, Township 9 South, Range 36 East, Crossroads Siluro-Devonian Pool, Lea County, New Mexico, and to directionally drill said well in such a manner as to bottom it in the Siluro-Devonian formation within 50 feet of a point 2310 feet from the South line and 2540 feet from the West line of said Section 27.

CASE 5835: (Continued & Readvertised)

Application of Palmer Oil Company for non-standard proration units and unorthodox locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the following non-standard proration units in Township 31 North, Range 7 West, San Juan County, New Mexico: a 310.48-acre Basin-Dakota unit comprising Lots 5, 6, 7, and 8 and the E/2 SW/4 and SE/4 of Section 2; the following Blanco Mesaverde and Basin-Dakota Units: 323.39 acres comprising Lots 5, 6, 7, and 8 and W/2 SW/4 of Section 3 and Lot 5 and the E/2 SE/4 and SW/4 SE/4 of Section 4; 320 acres comprising the E/2 SW/4 and S/2 SE/4 of Section 3 and NW/4 of Section 10; and 320 acres comprising the W/2 SW/4 of Section 2, N/2 SE/4 of Section 3, and NE/4 of Section 10; the following Fruitland and Pictured Cliffs Units: 150.48 acres comprising Lots 5, 6, 7, and 8 and the E/2 SW/4 of Section 2; 175.76 acres comprising Lots 5, 6, 7, and 8 and W/2 SW/4 of Section 3; 160 acres comprising the W/2 SW/4 of Section 2 and N/2 SE/4 of Section 3; 160 acres comprising the E/2 SW/4 and S/2 SE/4 of Section 3; and 147.63 acres comprising Lot 5 and the SW/4 SE/4 and E/2 SE/4 of Section 4.

Applicant proposes to dedicate the above lands to various wells to be drilled at orthodox and unorthodox locations as follows: Section 2: 2200 feet from South and 800 feet from East lines, and 800 feet from South and 1675 feet from West lines; Section 3: 800 feet from North and West lines, 800 feet from South and 1850 feet from West lines, and 1400 feet from South and 1110 feet from East lines; Section 4: 800 feet from South and East lines; Section 10: 1800 feet from North and 850 feet from West lines, and 1525 feet from North and 1850 feet from East lines.

CASE 5840: (Continued from January 19, 1977, Examiner Hearing)

Application of Dome Petroleum Corporation for pool creation and assignment of a discovery allowable, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Entrada production and the assignment of approximately 25,800 barrels of oil discovery allowable to the discovery well, being applicant's Federal 15 Well No. 1 located in Unit F of Section 15, Township 19 North, Range 5 West, McKinley County, New Mexico.

CASE 5843: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the creation of a new pool for the production of gas from the Dakota and Morrison formations, said pool to be designated the Wagon Mound Dakota-Morrison Gas Pool and located in Township 21 North, Range 21 East, Mora County, New Mexico.

CASE 5844: Application of Skelly Oil Company for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Pictured Cliffs and Chacra production in the wellbores of the Jicarilla "C" Wells Nos. 9 and 17 located in Units K and D, Section 28; Nos. 11 and 19 in Units L and I, Section 27; Nos. 12 and 13, Units C and B, Section 33; No. 10 in Unit M, Section 22; and No. 15 in Unit G, Section 34, all in Township 25 North, Range 5 West, Rio Arriba County, New Mexico, and to provide for administrative approval of the commingling downhole of additional wells in Sections 5 and 6, Township 24 North, Range 5 West, and Sections 21 and 34, Township 25 North, Range 5 West.

CASE 5845: Application of Texaco Inc. for an unorthodox location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Navajo Tribe "BS" Well No. 5 to be drilled 1340 feet from the South line and 1300 feet from the West line of Section 23, Township 26 North, Range 18 West, Tootie Dome Penn "D" Pool, San Juan County, New Mexico.

CASE 5846: Application of Harvey E. Yates Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its South Empire Deep Unit Well No. 13 to be drilled 660 feet from the South line and 1597 feet from the West line of Section 30, Township 17 South, Range 29 East, South Empire Field, Eddy County, New Mexico, the S/2 of said Section 30 to be dedicated to the well.

CASE 5810: (Continued from the January 19, 1977, Examiner Hearing)

Application of Yates Petroleum Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Stonewall "EP" Com Well No. 1, located in Unit F of Section 30, Township 20 South, Range 28 East, Eddy County, New Mexico, to produce gas from the North Burton Flat-Wolfcamp Gas Pool and an undesignated Morrow gas pool.

CASE 5847: Application of Yates Petroleum Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Gossett "EU" Well No. 1, located in Unit K of Section 26, Township 17 South, Range 25 East, Eddy County, New Mexico, in such a manner as to produce gas from the Lower Wolfcamp or Upper Pennsylvanian and the Lower Pennsylvanian formations through the casing-tubing annulus and tubing, respectively.

CASE 5848: Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Pipkin HE Well No. 1 to be drilled 660 feet from the South and West lines of Section 4, Township 18 South, Range 25 East, Eddy County, New Mexico, the S/2 of said Section 4 to be dedicated to the well.

CASE 5849: Application of King Resources Company for a unit agreement, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Long Canyon Unit Area comprising 18,880 acres, more or less, of State and Federal lands in Townships 19 and 20 South, Ranges 19 and 20 East, Chaves County, New Mexico.

CASE 5850: Application of Pennzoil Company for adoption of pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the adoption of pool rules for the North Mescalero-Cisco Pool, Lea County, New Mexico, including provision for a special gas-oil ratio limit of 4,500 to one.

CASE 5117: (Reopened)

In the matter of Case 5117 being reopened pursuant to the provisions of Order No. R-4691-A, which order extended the temporary special pool rules for the North Dagger Draw-Upper Pennsylvanian Pool, Eddy County, New Mexico. All interested parties may appear and show cause why said North Dagger Draw-Upper Pennsylvanian Pool should not be developed on less than 160-acre proration units and why the special depth bracket allowable should be retained.

CASE 5851: Application of Jerome P. McHugh for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Tapacito-Pictured Cliffs, Blanco Mesaverde, and Basin-Dakota production in the wellbore of his Tribal Wells Nos. 1 and 2 located in Unit D of Section 16 and Unit L of Section 9, respectively, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

CASE 5852: Application of Jerome P. McHugh for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Wildhorse-Gallup and Basin-Dakota production in the wellbore of his Apache Wells Nos. 3 and 4, located in Units D and L, respectively, of Section 19, Township 26 North, Range 3 West, Rio Arriba County, New Mexico.

CASE 5853: Application of Carl Engwall for an exception to casing and cementing requirements of Order No. R-111-A, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the casing and cementing requirements of Order No. R-111-A to eliminate the salt protection casing string in a well he proposes to drill in Unit L of Section 27, Township 20 South, Range 34 East, Lynch-Yates-Seven Rivers Pool, Lea County, New Mexico.

CASE 5854: Application of Palmer Oil and Gas Company for an unorthodox location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Stevenson Well No. 2 to be drilled 1850 feet from the North line and 1150 feet from the West line of Section 8, Township 26 North, Range 2 West, Blanco-Mesaverde Pool, Rio Arriba County, New Mexico, the N/2 of said Section 8 to be dedicated to the well.

CASE 5855: Southeastern New Mexico nomenclature case calling for the creation and extension of certain pools in Eddy, Lea and Chaves Counties, New Mexico.

a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Illinois Camp-Morrow Gas Pool. The discovery well is Yates Petroleum Corporation H-Y State CH No. 1 located in Unit K of Section 31, Township 18 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
Section 31: S/2

b) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the POW-Morrow Gas Pool. The discovery well is Yates Petroleum Corporation State CK No. 1 located in Unit C of Section 4, Township 17 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM
Section 4: N/2

c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Revelation-Morrow Gas Pool. The discovery well is Belco Petroleum Corporation Jones Com Well No. 1 located in Unit I of Section 9, Township 22 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 25 EAST, NMPM
Section 9: E/2

d) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Southwest Sulphate-Delaware Pool. The discovery well is Hanson Oil Corporation Gulf Federal Well No. 1 located in Unit M of Section 12, Township 25 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 26 EAST, NMPM
Section 11: E/2 SE/4
Section 12: W/2 SW/4

e) Create a new pool in Lea County, New Mexico, classified as an oil pool for Fusselman production and designated as the Teague-Fusselman Pool. The discovery well is Carter Foundation Production Company E. C. Hill Federal Well No. 5 located in Unit E of Section 35, Township 23 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 35: NW/4

f) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the North Turkey Track-Morrow Gas Pool. The discovery well is Hondo Drilling Company Alscott Well No. 1 located in Unit G of Section 31, Township 18 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 29: S/2
Section 31: N/2
Section 32: N/2

g) Extend the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 14: E/2

h) Extend the Avalon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 34: S/2

i) Extend the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM
Section 8: S/2

- j) Extend the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 34: N/2
- k) Extend the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 7: E/2
- l) Extend the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:
TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 1: SE/4
TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM
Section 6: S/2 and NE/4
- m) Extend the East Chisum-San Andres Pool in Chaves County, New Mexico, to include therein:
TOWNSHIP 11 SOUTH, RANGE 28 EAST, NMPM
Section 16: S/2 NE/4
- n) Extend the Corbin Queen Pool in Lea County, New Mexico, to include therein:
TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM
Section 35: SW/4
- o) Extend the Cruz-Delaware Pool in Lea County, New Mexico, to include therein:
TOWNSHIP 23 SOUTH, RANGE 32 EAST, NMPM
Section 25: NE/4
- p) Extend the Esperanza-Delaware Pool in Eddy County, New Mexico, to include therein:
TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 10: N/2 NE/4
Section 11: W/2 NW/4 and NW/4 SW/4
- q) Extend the Hat Mesa-Morrow Gas Pool in Lea County, New Mexico, to include therein:
TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM
Section 3: Lots 9, 10, 11, 12, 13, 14, 15 and 16
- r) Extend the Kemnitz-Morrow Gas Pool in Lea County, New Mexico, to include therein:
TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 15: W/2
- s) Extend the Little Box Canyon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
TOWNSHIP 21 SOUTH, RANGE 21 EAST, NMPM
Section 13: E/2
TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM
Section 18: W/2
- t) Extend the South Loco Hills-Queen Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:
TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 32: N/2 NW/4
- u) Extend the Many Gates-Abo Pool in Chaves County, New Mexico, to include therein:
TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
Section 31: NW/4

- v) Extend the Nash Draw-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 29 EAST, NMPM
Section 12: S/2
Section 13: E/2

- w) Extend the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
Section 29: N/2
Section 30: N/2

- x) Extend the Scanlon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
Section 32: N/2

- y) Extend the vertical limits of the South Tonto-Yates Pool in Lea County, New Mexico, to include the Seven Rivers formation and redesignate said pool as the South Tonto-Yates-Seven Rivers Pool, and extend the horizontal limits of said pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 30: SW/4

- z) Extend the Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 28: N/2

- aa) Extend the Winchester-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 33: N/2

CASE 5836: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit James W. Strawn, American Employers Insurance Company, and all other interested parties to appear and show cause why the Horton Well No. 1 located in Unit A of Section 32, Township 11 North, Range 7 East, Santa Fe County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5810: Continued from November 23, 1976, Examiner Hearing

Application of Yates Petroleum Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Stonewall "EP" Com Well No. 1, located in Unit F of Section 30, Township 20 South, Range 28 East, Eddy County, New Mexico, to produce gas from the North Burton Flat-Wolfcamp Gas Pool and an undesignated Morrow gas pool.

CASE 5837: Application of TransOcean Oil, Inc., for a unit agreement, Catron County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Omega Unit Area comprising 35,196 acres, more or less, of State, Federal, and fee lands in Townships 2, 3, and 4 North, Range 14 West, Catron County, New Mexico.

CASE 5838: Application of TransOcean Oil, Inc. for a unit agreement, Catron County, New Mexico. Applicant, in the above-styled cause, seeks approval of the French Unit Area comprising 34,542 acres, more or less, of State, Federal, and fee lands in Townships 1 and 2 North, Ranges 16, 17, and 18 West, Catron County, New Mexico.

CASE 5839: Application of TransOcean Oil, Inc. for a unit agreement, Catron County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Remuda Unit Area comprising 34,504 acres, more or less, of State, Federal, and fee lands in Townships 2 and 3 North, Ranges 9 and 10 West, Catron County, New Mexico.

CASE 5840: Application of Dome Petroleum Corporation for pool creation and assignment of a discovery allowable, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool for Entrada production and the assignment of approximately 25,800 barrels of oil discovery allowable to the discovery well, being applicant's Federal 15 Well No. 1 located in Unit F of Section 15, Township 19 North, Range 5 West, McKinley County, New Mexico.

CASE 5048: (Reopened)

In the matter of Case 5048 being reopened pursuant to the provisions of Order No. R-4637-A, which order extended the temporary special pool rules for the South Dagger Draw-Upper Pennsylvanian Associated Pool, Eddy County, New Mexico. All interested parties may appear and show cause why said temporary special pool rules should not be rescinded.

CASE 5599: (Reopened)

In the matter of Case 5599 being reopened pursuant to the provisions of Order No. R-5142 which order established temporary special pool rules for the Twin Lakes-Devonian Pool, Chaves County, New Mexico. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing units and why the limiting gas-oil ratio should not revert to 2,000 to 1.

CASE 5841: Application of Bettis, Boyle & Stovall for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Devonian formation underlying the E/2 NE/4 of Section 34, Township 12 South, Range 37 East, Southwest Gladiola-Devonian Pool, Lea County, New Mexico, to be dedicated to the Lowe Well No. 1 located in Unit A of said Section 34. Also to be considered will be the cost of recompleting said well and the allocation of the cost 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 recompletion of said well.

CASE 5842: Application of Hanagan Petroleum Corporation for an exception to the provisions of Order No. R-1670, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 15(B) of the Southeast Gas Proration Rules contained in Order No. R-1670, as amended, to permit its Catclaw Draw Unit Well No. 9, located in Unit F of Section 35, Township 21 South, Range 25 East, Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico, to make up its overproduction at a rate less than complete shut-in.

Docket No. 3-77

Dockets Nos. 5-77 and 6-77 are tentatively set for hearing on February 2 and February 16, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - MONDAY - JANUARY 17, 1977

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205,
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases are continued from the December 1, 1976, Commission Hearing.

CASE 5719: Application of La Rue and Muncy for an exception to Order No. R-3221, Eddy 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 McClay Federal Wells Nos. 9 and 10, located in Units G and F, respectively, of Section 33, Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of La Rue and Muncy, this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 5720: Application of Harvey E. Yates for an exception to Order No. R-3221, Eddy 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 his State Wells Nos. 1, 2, 3, 4, and 6 located in Units C, B, A, J, and H, respectively, of Section 32, Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of Harvey E. Yates, this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 5721: Application of H & S Oil Company for an exception to Order No. R-3221, Eddy 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 McClay Well No. 7, located in Unit C of Section 33, Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of H & S Oil Company, this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 5722: Application of Gene Snow for an exception to Order No. R-3221, Eddy 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 his Elk Well No. 1, located in Unit L of Section 32, Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of Gene Snow, this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 5723: Application of Marbob Energy Corporation for an exception to Order No. R-3221, Eddy 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 Elliott Well No. 1 located in Unit E of Section 28, and its Elliott Wells Nos. 2 and 3 located in Units H and G, respectively, of Section 29, all in Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of Marbob Energy Corporation, this case will be heard De Novo pursuant to the provisions of Rule 1220.

Docket No. 4-77

DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 19, 1977

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. Stametz, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for February, 1977, from seventeen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.
- (2) Consideration of the allowable production of gas for February, 1977, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

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

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Corpora-)
tion for a dual completion, Eddy County,)
New Mexico.)

CASE
5810

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil
Conservation Commission:

Lynn Teschendorf, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

sid morrish reporting service

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

1 MR. NUTTER: We will call Case Number 5810.

2 MS. TESCHENDORF: Case 5810, application of Yates
3 Petroleum Corporation for a dual completion, Eddy County,
4 New Mexico.

5 MR. NUTTER: We have received a request from the
6 applicant in this case that it be continued. Therefore,
7 Case Number 5810 will be continued to the Examiner Hearing
8 scheduled to be held at this same place at nine o'clock A.M.,
9 January 19th, 1977.

10 The hearing is adjourned.

11 (THEREUPON, the hearing was adjourned.)
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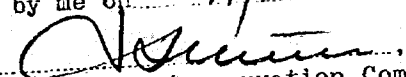
sid morrish reporting service
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Phone (505) 982-9212

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's office of Case No. 5810,
heard by me on 11/23, 1974.

, Examiner
New Mexico Oil Conservation Commission

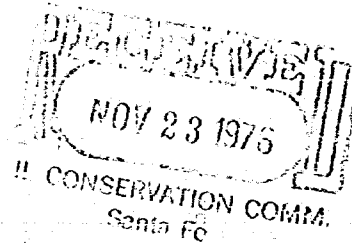
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Phone (505) 982-9212



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

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

November 22, 1976



Mr. Joe D. Ramey, Secry.-Director
N.M.O.C.C.
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Continuation of Case 5810;
November 23 Docket

Dear Sir:

Please continue Case 5810, Application for Dual Completion of the Stonewall EP Com No. 1, North Burton Flat-Wolfcamp and an undesignated Morrow Gas Pool. Suggested date for re-hearing is the first docket after January 5, 1977.

Thank you.

Yours very truly,

YATES PETROLEUM CORPORATION


Eddie M. Mahfood
Engineer

EMM/pt

Docket No. 33-76

Dockets Nos. 34-76 and 1-77 are tentatively set for hearing on December 15, 1976 and January 5, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - WEDNESDAY - DECEMBER 1, 1976

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

CASE 5719: Application of La Rue and Muncy for an exception to Order No. R-3221, Eddy 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 McClay Federal Wells Nos. 9 and 10, located in Units G and F, respectively, of Section 33, Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of La Rue and Muncy, this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 5720: Application of Harvey E. Yates for an exception to Order No. R-3221, Eddy 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 his State Wells Nos. 1, 2, 3, 4, and 6 located in Units G, B, A, J, and H, respectively, of Section 32, Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of Harvey E. Yates, this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 5721: Application of H&S Oil Company for an exception to Order No. R-3221, Eddy 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 McClay Well No. 7, located in Unit C of Section 33, Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of H&S Oil Company, this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 5722: Application of Gene Snow for an exception to Order No. R-3221, Eddy 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 his Elk Well No. 1, located in Unit L of Section 32, Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of Gene Snow, this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 5723: Application of Marbob Energy Corporation for an exception to Order No. R-3221, Eddy 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 Elliott Well No. 1 located in Unit E of Section 28, and its Elliott Wells Nos. 2 and 3 located in Units H and G, respectively, of Section 29, all in Township 18 South, Range 30 East, North Benson Queen-Grayburg Pool, Eddy County, New Mexico.

Upon application of Marbob Energy Corporation, this case will be heard De Novo pursuant to the provisions of Rule 1220.

Docket No. 32-76

Dockets Nos. 34-76 and 1-77 are tentatively set for hearing on December 15, 1976 and January 5, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - TUESDAY - NOVEMBER 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 Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

continued Jan. 19
CASE 5810: Application of Yates Petroleum Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Stonewall "EP" Com Well No. 1, located in Unit F of Section 30, Township 20 South, Range 28 East, Eddy County, New Mexico, to produce gas from the North Burton Flat-Wolfcamp Gas Pool and an undesignated Morrow gas pool.

CASE 5811: Application of Coquina Oil Corporation for an offset allowable reduction, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a restricted allowable for the Monsanto Company Cerf Federal Com Well No. 2 for the Strawn and Morrow zones in said well, a dual completion located in Unit F of Section 10, Township 21 South, Range 27 East, Burton Flat Field, Eddy County, New Mexico, on the grounds that a dry hole in both of said zones was previously drilled on the acreage assigned to the subject well.

CASE 5812: Application of Petroleum Development Corporation for an exception to Order No. R-3221, Lea 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 CleveRock-Pedco State Well No. 1, located in Unit I of Section 16, Township 19 South, Range 32 East, East Lusk-Bone Spring Field, Lea County, New Mexico.

CASE 5813: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the adoption of General Rules and Regulations governing all associated oil and gas pools of Southeast and Northwest New Mexico. Also to be considered will be the adoption of special rules for certain associated pools, including well location and acreage dedication requirements, classification of oil wells and gas wells, gas-oil ratio limitations, gas allocation, and well testing.

CASE 5814: Southeastern New Mexico nomenclature case calling for the creation and extension of certain pools in Lea and Eddy Counties, New Mexico:

a) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Cedar Canyon-Delaware Pool. The discovery well is the Skelly Oil Company Cedar Canyon Well No. 1 located in Unit P of Section 9, Township 24 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 29 EAST, NMPM
Section 9: SE/4

b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the West Corbin-Delaware Pool. The discovery well is the Aztec Oil and Gas Company West Corbin Well No. 2 located in Unit H of Section 18, Township 18 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 18: NE/4

c) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Elbow Canyon-Delaware Pool. The discovery well is the C & K Petroleum, Inc. Allied Chemical Federal Well No. 1 located in Unit E of Section 4, Township 24 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
Section 4: NW/4

d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the North Grayburg-Atoka Gas Pool. The discovery well is the Depco Inc. Conoco State Com Well No. 1 located in Unit K of Section 15, Township 17 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 15: W/2

e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Cisco production and designated as the Vacuum-Cisco Pool. The discovery well is the Southern Union Supply Company Pennzoil State Well No. 1 located in Unit H of Section 18, Township 17 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 18: NE/4

- f) EXTEND the Atoka-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
 Section 22: SE/4
 Section 27: N/2 NW/4
 Section 28: S/2 NE/4

- g) EXTEND the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM
 Section 1: SE/4

- h) EXTEND the Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
 Section 19: SW/4
 Section 30: NW/4

- i) EXTEND the South Carlsbad-Cherry Canyon Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
 Section 20: NE/4 SW/4

- j) EXTEND the Eagle Creek-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
 Section 14: N/2 NE/4
 Section 27: S/2 NE/4

- k) EXTEND the Garrett-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 38 EAST, NMPM
 Section 20: SE/4

- l) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
 Section 1: N/2

- m) EXTEND the Indian Flats-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM
 Section 35: NW/4 SW/4

- n) EXTEND the Malaga-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
 Section 11: W/2

- o) CONTRACT the vertical limits of the Kemnitz-Pennsylvanian Pool in Lea County, New Mexico, to the Cisco formation only, redesignating said pool the Kemnitz-Cisco Pool and redefining said pool to comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM
 Section 13: N/2 and SE/4

- p) EXTEND the vertical limits of the North Vacuum-Morrow Gas Pool in Lea County, New Mexico, to include the Atoka formation, redesignating said pool the North Vacuum-Atoka-Morrow Gas Pool. Also, extend said North Vacuum-Atoka-Morrow Gas Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
 Section 7: E/2
 Section 8: W/2

- q) EXTEND the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
 Section 35: All

1. GENERAL RULES AND REGULATIONS FOR THE ASSOCIATED POOLS OF SOUTHEASTERN AND NORTHWESTERN NEW MEXICO (PROPOSED)

(See Special Pool Rules in each pool for orders applicable to those pools only. Special Pool Rules will be found in the same classification order as in the General Section, and, unless the special rules conflict with the general rule, the general rule is also applicable.)

A. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 1: Any well drilled to the producing formation of an associated pool regulated by this order and within said pool or within one mile outside the boundary of that pool, and not nearer to nor within the boundaries of another designated pool producing the same formation, shall be spaced, drilled, operated, and prorated in accordance with the regulations in effect in that pool.

RULE 2: After the effective date of this order each well drilled or recompleted on a standard proration unit within an associated pool regulated by this order shall be located as provided below:

OIL WELLS - SOUTHEAST NEW MEXICO

<u>Standard Proration Unit</u>	<u>Location Requirements</u>
40 Acres	Not closer than 330 feet to the boundary of the tract
80 and 160 acres	Must be located within 150 feet of the center of the quarter-quarter section wherein located

GAS WELLS - SOUTHEAST NEW MEXICO

<u>Standard Proration Unit</u>	<u>Location Requirements</u>
160 acres	Must be located within 150 feet of the center of the quarter-quarter section wherein located.
320 acres	Not closer than 660 feet to the nearest side boundary nor closer than 1980 feet to the nearest end boundary of the spacing unit.

ALL WELLS - NORTHWEST NEW MEXICO

<u>Standard Proration Unit</u>	<u>Location Requirements</u>
40 Acres	Not closer than 330 feet to the boundary of the tract
80, 160 and 320 acres	Not closer than 790 feet to any quarter section line nor closer than 330 feet to any quarter-quarter section line.

RULE 3: (a) Each gas well shall be located on a standard unit containing 160 acres or 320 acres, more or less, as provided in the special pool rules therefor.

(b) Each oil well shall be located on a standard unit containing 40 acres, 80 acres or 160 acres, more or less, as provided in the special pool rules therefor.

RULE 4: (a) The District Supervisor of the appropriate district office of the Commission shall have the authority to approve a non-standard unit as an exception to Rule 3(a) or 3(b) without notice and hearing when the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard unit is not less than

75% nor more than 125% of a standard unit.

The District Supervisor of the appropriate district office of the Commission may approve the non-standard unit by:

- (1) Accepting a plat showing the proposed non-standard unit and the acreage to be dedicated to the non-standard unit, and
- (2) Assigning an allowable to the non-standard unit.

(b) The Secretary-Director of the Commission may grant an exception to the requirements of Rule 3(a) or Rule 3(b), when the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard unit is less than 75% or more than 125% of a standard unit, or where the following facts exist and the following provisions are complied with:

(1) The non-standard unit consists of quarter-quarter sections or lots that are contiguous by a common bordering side.

(2) The non-standard unit lies wholly within a governmental subdivision or subdivisions which would be a standard unit for the well (half quarter section, quarter section, or half section) but contains less acreage than a standard unit.

(3) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the half quarter section, quarter section or half section (for 80-acre, 160-acre, and 320-acre standard dedications respectively,) in which the non-standard unit is situated and which acreage is not included in said non-standard unit.

(4) In lieu of paragraph (c) of this rule, the applicant may furnish proof of the fact that all of the foresaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Secretary-Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Secretary-Director has received the application.

B. WELL CLASSIFICATION AND GAS-OIL RATIO LIMITATION

RULE 5: A well shall be classified as a gas well if it has a gas-liquid ratio of 30,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 30,000 cubic feet of gas per barrel of liquid hydrocarbons. The simultaneous dedication of any acreage to an oil well and a gas well is prohibited.

RULE 6: That the limiting gas-oil ratio shall be 2,000 cubic feet of gas for each barrel of oil produced.

RULE 7: An oil well shall be permitted to produce only that amount of gas determined by multiplying the top unit oil allowable for the pool by the limiting gas-liquid ratio for the pool. In the event there is more than one oil well on an oil proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

A gas well shall be permitted to produce that amount of gas obtained by multiplying the top unit oil allowable for the pool by the limiting gas-liquid ratio for the pool and by a fraction, the numerator of which is the number of acres dedicated to the particular gas well and the denominator of which is a number equal to the number of acres in a standard oil proration unit in such pool. In the event there is more than one gas well on a gas proration unit, the operator may produce the amount of gas assigned to the unit from the wells on the unit in any proportion.

C. WELL TESTING

RULE 8: The operator of each newly completed well shall cause a gas-liquid ratio test to be taken on the well upon recovery of all load oil from the well, provided however, that in no event shall the test be commenced later than 30 days from the date of first production unless the well is connected to a gas-gathering facility and is producing under

a temporary gas allowable assigned in accordance with Rule 11. Any well which is shut-in shall be exempted from the gas-liquid ratio test requirement so long as it remains shut-in. The initial gas-liquid ratio test shall be taken in the manner prescribed by Rule 9. If the gas-liquid ratio is 30,000 cubic feet of gas per barrel of liquid hydrocarbons, or more, the operator shall not produce the well until beneficial use can be made of the gas.

RULE 9: Semi-annual gas-liquid ratio tests shall be taken on all wells during each year in accordance with a test schedule prepared by the district office of the Commission. The initial gas-liquid ratio test shall suffice as the first semi-annual test. Tests shall be 24-hour tests, being the final 24 hours of a 72-hour period during which the well shall be produced at a constant normal rate of production. Results of such tests shall be filed on Commission Form C-116 on or before the 10th day of the following month. At least 72 hours prior to commencement of any such gas-liquid ratio tests, each operator shall file with the appropriate district office of the Commission a test schedule for its wells specifying the time each of its wells is to be tested. Copies of the test schedule shall also be furnished to all offset operators. The supervisor of the appropriate district office of the Commission may grant an exception to the above test requirements where it is demonstrated that the well produces no liquids.

Special tests shall also be taken at the request of the Secretary-Director and may also be taken at the option of the operator. Such special tests shall be taken in accordance with the procedures outlined hereinabove, including notification to the Commission and offset operators.

RULE 10: An initial shut-in pressure test shall be taken on each gas well and shall be reported to the Commission on Form C-125.

D. ASSIGNMENT OF ALLOWABLE

RULE 11: Any well completed after the effective date of these rules shall receive an allowable only upon receipt by the appropriate Commission district office of Commission Forms C-102, C-104, C-116, and, in the case of a gas well, a transporter's notice of gas connection, properly executed. The District Supervisor of the Commission's district office is hereby authorized to assign a temporary gas allowable to wells connected to a gas transportation facility during the recovery of load oil, which allowable shall not exceed the number of cubic feet of gas obtained by multiplying the daily top unit allowable for the pool by the limiting gas-liquid ratio for the pool.

E. GAS PRORATIONING

RULE 12: The associated gas proration period shall be the proration month which shall begin at 7 a.m. on the first day of the month and shall end at 7 a.m. on the first day of the next succeeding month.

RULE 13: No associated gas underproduction may be carried forward into any proration month. (See ALTERNATIVE PROPOSED RULE 13 following Rule 21)

RULE 14: Any associated gas well which has an overproduced status at the end of any associated gas proration period shall carry such overproduction into subsequent periods. If at any time a well is overproduced an amount equalling three times its current monthly allowable, it shall be shut in during that month and each succeeding month until the well is overproduced less than three times its current monthly allowable.

RULE 15: The allowable assigned to a well during any one month of an associated gas proration period in excess of the production for the same month shall be applied against the overproduction carried into such period in determining the amount of overproduction, if any, which has not been compensated for.

RULE 16: The Commission may allow overproduction to be compensated for at a lesser rate than would be the case if the well were completely shut in upon a showing after notice and hearing that complete shut in of the well would result in material damage to the well or reservoir.

F. REPORTING OF PRODUCTION

RULE 17: The monthly gas production from each gas well shall be metered separately and the gas production therefrom shall be reported to the Commission on Form C-115 so as to reach the Commission on or before the 24th day of the month next succeeding the month in which the gas was produced. The operator shall show on such report what disposition has been made of the produced gas.

RULE 18: Each purchaser or taker of gas shall submit a report to the Commission so as to reach the Commission on or before the 15th day of the month next succeeding the month in which the gas was purchased or taken. Such report shall be filed on Form C-111 with the wells being listed in the same order as they are listed on the appropriate proration schedule.

G. GENERAL PROVISIONS

RULE 19: Failure to comply with any provision of these rules shall result in the immediate cancellation of allowable assigned to the affected well. No further allowable shall be assigned until all rules and regulations have been complied with. The Secretary-Director shall notify the operator of the well and purchaser in writing of the date of allowable cancellation and the reason therefor.

RULE 20: All transporters or users of gas shall file gas well connection notices with the Commission as soon as possible after the date of connection.

RULE 21: Allowables to wells whose classification has changed from oil to gas or from gas to oil as the result of a gas-liquid ratio test shall commence on the first day of the month following the month in which such test was reported, provided that a plat (Form C-102) showing the acreage dedicated to the well and the location of all wells on the dedicated acreage has been filed.

Alternative Proposed Rule 13

RULE 13: (a) Any associated gas well which has an underproduced status at the end of any associated gas proration period, shall carry such underproduction into subsequent periods.

(b) Underproduction in excess of three times the current monthly allowable shall not be carried forward. For purposes of this Rule, the monthly allowable shall be the full monthly allowable which would be assigned an associated gas well with the same acreage dedication in the same pool.

(c) Overproduction during any month shall be applied to a well's cumulative underproduction, if any, calculated in accordance with paragraphs (a) and (b) above.

Please note, alternatives of 1, 2, and 3 times the current monthly allowable will be considered with Alternative Proposed Rule 13(b). Comments by interested operators or transporters are solicited.

It will be proposed to reclassify the Jennings-Delaware and the North Paduca-Delaware Pools from associated pools to oil pools.

It will further be proposed to reclassify the Northwest Todd-San Andres Pool from an associated pool to an oil pool; however, special pool rules providing for 80-acre oil well spacing will be retained.



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

October 29, 1976

Mr. Joe Ramey, Secry-Director
N.M.O.C.C.
P.O. Box 2088
Santa, Fe, New Mexico 87501

RE: Dual Completion, Stonewall "EP" State Com No. 1
North Burton Flat; Wolfcamp Gas & Morrow Gas.

Dear Sir:

Yates Petroleum seeks Administrative Approval to dually complete its Stonewall "EP" State Com No. 1 located 1980 FNL 1980 FWL Section 30-T20S-R28E, North Burton Flat Wolfcamp Gas and Burton Flat Morrow gas. Precedence has been established in OCC Order No. R-4903 dated 11-4-74 wherein Cities Service Govt. "Z" No. 1 located in Unit K Section 23-T20S-R28E is dualled in North Burton Flat Wolfcamp Gas and Burton Flat Morrow Gas.

In compliance with the provisions of OCC Rule 112-A-IV, attached hereto is Form C-107, Diagrammatic Sketch of the proposed dual completion, lease ownership plat showing applicant's lease and offset wells on offset leases, electric log of subject well. Offset operators are notified of this intent by copy of this application.

Thank you.

Yours very truly,

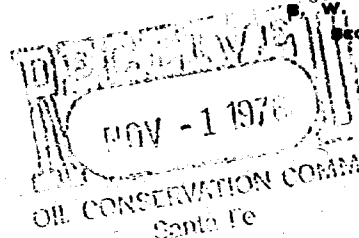
YATES PETROLEUM CORPORATION

Eddie M. Mahfood
Eddie M. Mahfood, Engineer

EMM/pt
Enclosures

Case 5810

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



4949
C.S. and (R-4903) is
under Morrow gas
known in Burton Flat

Case 5810

5-1-61

NOV - 1 1976

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Operator Yates Petroleum Corporation		County Eddy	Date 10-29-76
Address 207 So. 4th, Artesia, NM 88210		Lease Stonewall EP State	Well No. 1-Com
Location of Well F	Unit F	Section 30	Township 20S
		Range 28E	

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐

2. If answer is yes, identify one such instance: Order No. R-4903; Operator, Lease, and Well No.:
Cities Service Co.-Government Z #1
Unit K, Sec 23-20S-28E Eddy, Co.

3. The following facts are submitted:	Upper Zone ☒	Intermediate Zone	Lower Zone ☐
a. Name of Pool and Formation	N. Burton Flat-Wolfcamp		Burton Flat-Morrow
b. Top and Bottom of Pay Section (Perforations)	8880-8908		11250-11250
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please mark YES or NO)

- ☒ a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- ☒ b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- ☒ c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- ☒ d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.
Gulf Oil Co. Box 1150 Midland, TX 79701

Mesa Petroleum Co. 904 Gihls Tower West Midland, TX 79701

Exxon Co. Box 1600 Exxon Bldg. Midland, TX 79701

Cities Service Oil Co. Box 919 800 Vaughn Bldg., Midland, TX 79701

Amoco Production Co. Box 1725 West Bldg. Midland, TX 79701

Antweil, Morris R. Box 2010 814 W. Marland Hobbs, NM 88240

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification October 29, 1976.

CERTIFICATE: I, the undersigned, state that I am the Engineer of the Yates Petroleum Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Eddie M. Hays
Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard production unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

So. Roy. 2-1-82 L. 6957 30.5 Store	Amarillo Oil J.A. Foster 11-1-73 L. 6957 30.5 U.S.	Yates 11-1-73 L. 6957 30.5 U.S.	6 J.P. Campbell 11-1-73 L. 6957 30.5 U.S.	5 P.A. Sherman 11-1-73 L. 6957 30.5 U.S.	4 P.A. Sherman 11-1-73 L. 6957 30.5 U.S.	3 P.A. Sherman 11-1-73 L. 6957 30.5 U.S.	2 P.A. Sherman 11-1-73 L. 6957 30.5 U.S.	1 P.A. Sherman 11-1-73 L. 6957 30.5 U.S.	0 P.A. Sherman 11-1-73 L. 6957 30.5 U.S.
Trigg Oil Refining 11-1-73 L. 6957 30.5 U.S.	11 O. Foster 11-1-73 L. 6957 30.5 U.S.	12 O. Foster 11-1-73 L. 6957 30.5 U.S.	13 O. Foster 11-1-73 L. 6957 30.5 U.S.	14 O. Foster 11-1-73 L. 6957 30.5 U.S.	15 O. Foster 11-1-73 L. 6957 30.5 U.S.	16 O. Foster 11-1-73 L. 6957 30.5 U.S.	17 O. Foster 11-1-73 L. 6957 30.5 U.S.	18 O. Foster 11-1-73 L. 6957 30.5 U.S.	19 O. Foster 11-1-73 L. 6957 30.5 U.S.
Amarillo Oil D. Foster 11-1-73 L. 6957 30.5 U.S.	20 D. Foster 11-1-73 L. 6957 30.5 U.S.	21 D. Foster 11-1-73 L. 6957 30.5 U.S.	22 D. Foster 11-1-73 L. 6957 30.5 U.S.	23 D. Foster 11-1-73 L. 6957 30.5 U.S.	24 D. Foster 11-1-73 L. 6957 30.5 U.S.	25 D. Foster 11-1-73 L. 6957 30.5 U.S.	26 D. Foster 11-1-73 L. 6957 30.5 U.S.	27 D. Foster 11-1-73 L. 6957 30.5 U.S.	28 D. Foster 11-1-73 L. 6957 30.5 U.S.
Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.	29 Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.	30 Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.	31 Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.	32 Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.	33 Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.	34 Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.	35 Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.	36 Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.	37 Marato, Inc. HBP 11-1-73 L. 6957 30.5 U.S.

TEXAS

COUNTY

CITY

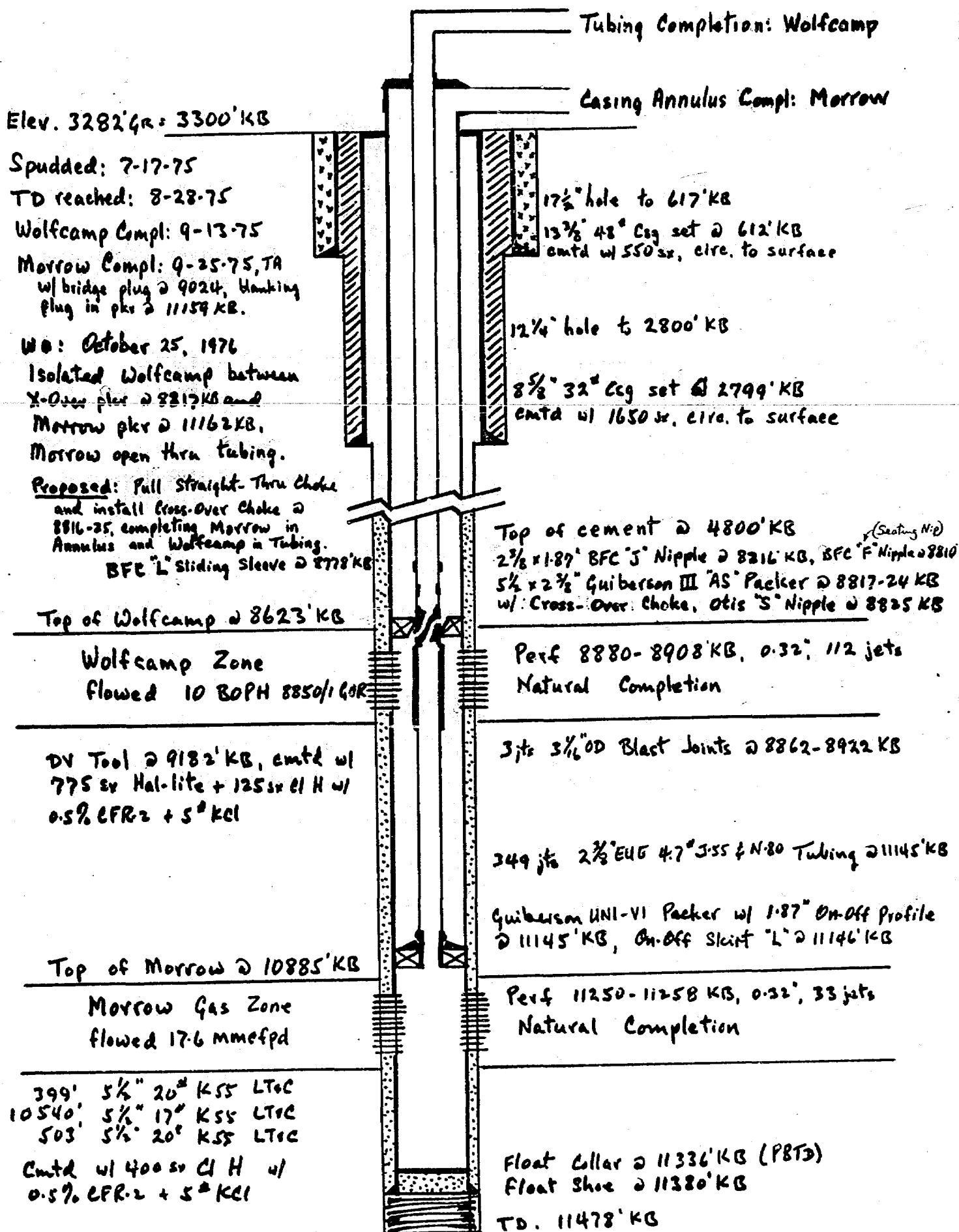
Scale

Grid Locations:

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- 2. Houston, TX
- 3. Houston, TX
- 4. Houston, TX
- 5. Houston, TX
- 6. Houston, TX
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- 8. Houston, TX
- 9. Houston, TX
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- 29. Houston, TX
- 30. Houston, TX
- 31. Houston, TX
- 32. Houston, TX
- 33. Houston, TX
- 34. Houston, TX
- 35. Houston, TX
- 36. Houston, TX

Diagrammatic Sketch of Dual Completion

Stonewall "EP" State Com. No. 1, 1480/N 1480/W Sec 30-20s-28E



Case 5870

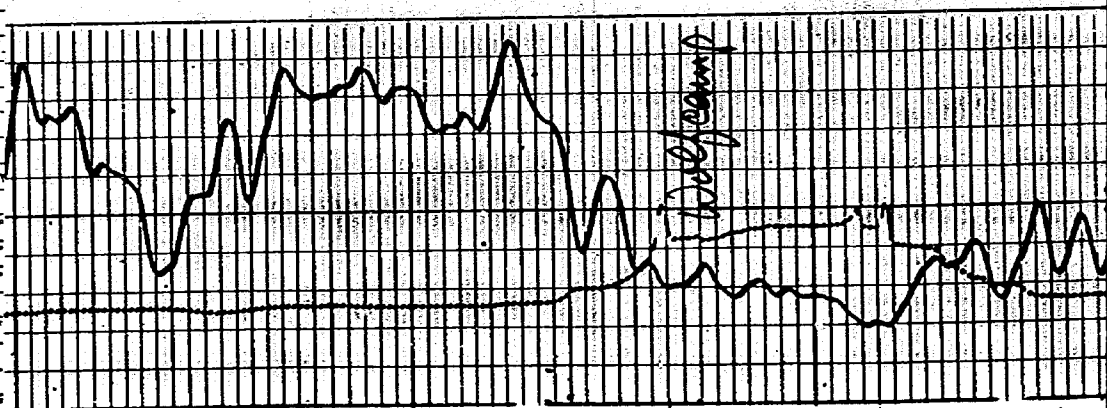
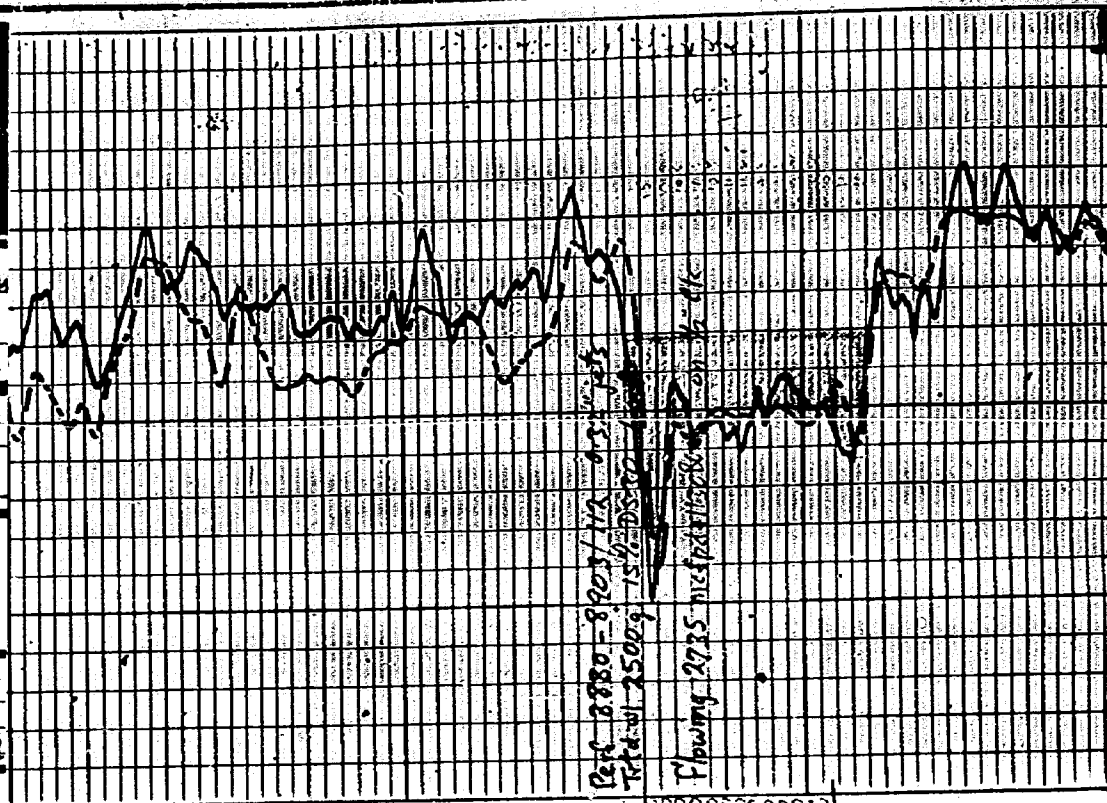
Schlumberger

COMPENSATED NEUTRON
FORMATION DENSITYCOMPANY YATES PETROLEUM CORPORATIONWELL STONEWALL "E.P." STATE #1FIELD BURTON FLATCOUNTY EDDY STATE NEW MEXICOLOCATION 1980 FUEL

Other Services:

5-DL/NSFLAPI SERIAL NO 30 SEC 20-5 TWP 28-E RANGEPermanent Datum: GL; Elev.: 3282
Log Measured From: KA 18 Ft. Above Perm. Datum
Drilling Measured From: KAElev.: K.B. 3200
D.F.
G.I. 3282

Date	<u>30 AUG 75</u>				
Run No.	<u>046</u>				
Depth-Driller	<u>11480</u>				
Depth-Logger	<u>11478</u>				
Btm. Log Interval	<u>11476</u>				
Top Log Interval	<u>0</u>				
Casing-Driller	<u>8 1/8 @ 2800</u>	@		@	@
Casing-Logger	<u>2800</u>				
Bit Size	<u>7 7/8</u>				
Type Fluid in Hole	<u>ADRESTOS-SVCMC</u>				
Dens.	<u>9.8</u>	<u>38</u>			
pH	<u>11.0</u>	<u>8.8</u> ml		ml	ml
Source of Sample	<u>PIT</u>				
Rm @ Meas. Temp.	<u>087 @ 76</u> °F	@	°F	@	°F
Rmf @ Meas. Temp.	<u>069 @ 78</u> °F	@	°F	@	°F
Rmc @ Meas. Temp.	<u>131 @ 76</u> °F	@	°F	@	°F
Source: Rmf Rmc	<u>M G</u>				
Rm @ BHT	<u>037 @ 114</u> °F	@	°F	@	°F
Circulation Stopped					
Logger on Bottom					
Max. Rec. Temp.	<u>174</u> °F		°F		°F
Equip. Location	<u>7645 40005</u>				
Recorded By	<u>REED</u>				
Witnessed By Mr.	<u>HARDEE</u>				



Case 5810

COMPANIES AND NEARBY FORMATION DENSITY

COMPANY WATES PETROLEUM CORPORATION

WELL STONEWALL "A" STATE #1

FIELD DIETON FLAT

COUNTY EDDY STATE NEW MEXICO

LOCATION 1980 FUEL

API SERIAL NO. 70 SEC. 20-5 TWP. 88-E RANGE

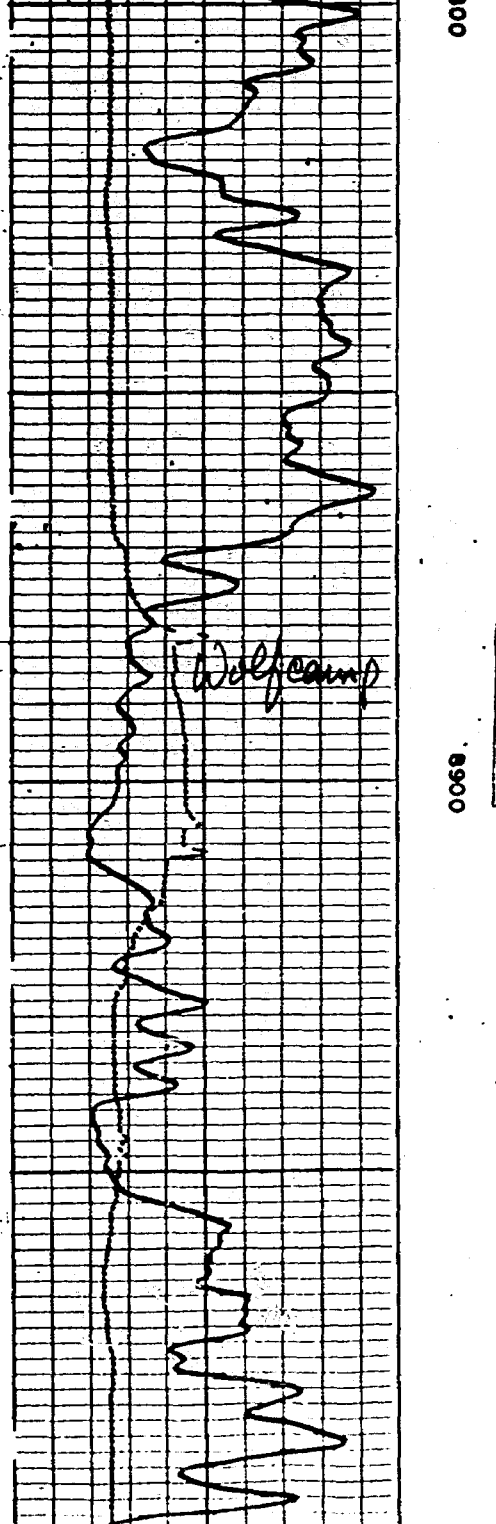
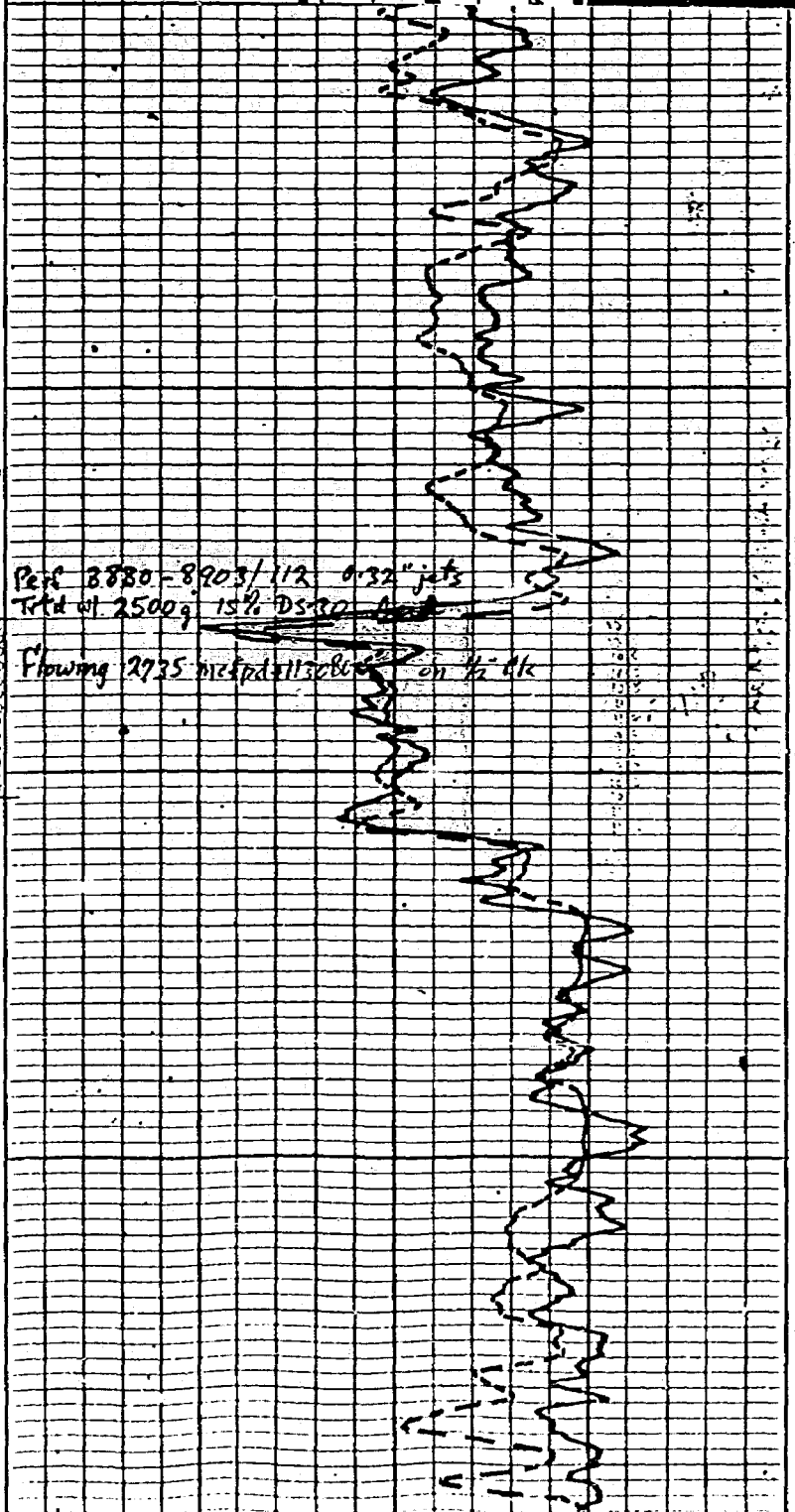
Other Services: 5-04/4M

Permanent Datum: GL Elev: 3282

Log Measured From: KN Above Perm. Datum

Drilling Measured From: KN Elev: 3282 D.F. GL 3282

Date	30 AUG 75		
Run No.	045		
Depth-Driller	11478		
Depth-Logger	11478		
Shin. Log Interval	11478		
Top Log Interval	0		
Casing-Driller	878 @ 2880	@	
Casing-Logger	8800		
Bit Size	7 7/8		
Type Fluid in Hole	AGGRESSIVE-SYSTEM		
Dens. Visc.	9.8 78		
pH	11.0 8.8 ml		
Source of Sample	PIT		
Rm @ Meas. Temp.	087 @ 26 °F	@	@
Rm @ Meas. Temp.	087 @ 28 °F	@	@
Rm @ Meas. Temp.	151 @ 26 °F	@	@
Source: Rm @ Rmc	7 1/2	@	@
Rm @ Bit	037 @ 114 °F	@	@
Logger on Bottom			
Max. Rec. Temp.	174 °F		
Equip. Location	1615 4600T		
Recorded By	REED		
Witnessed By M.	WBCDCE		



Case 5810

Schlumberger

COMPENSATED NEUTRON
FORMATION DENSITY

COMPANY YATES PETROLEUM CORPORATION

WELL STONEWALL "EP" STATE #1

FIELD BURTON FLAT

COUNTY EDDY STATE NEW MEXICO

LOCATION 1980 FMYEL

Other Services:

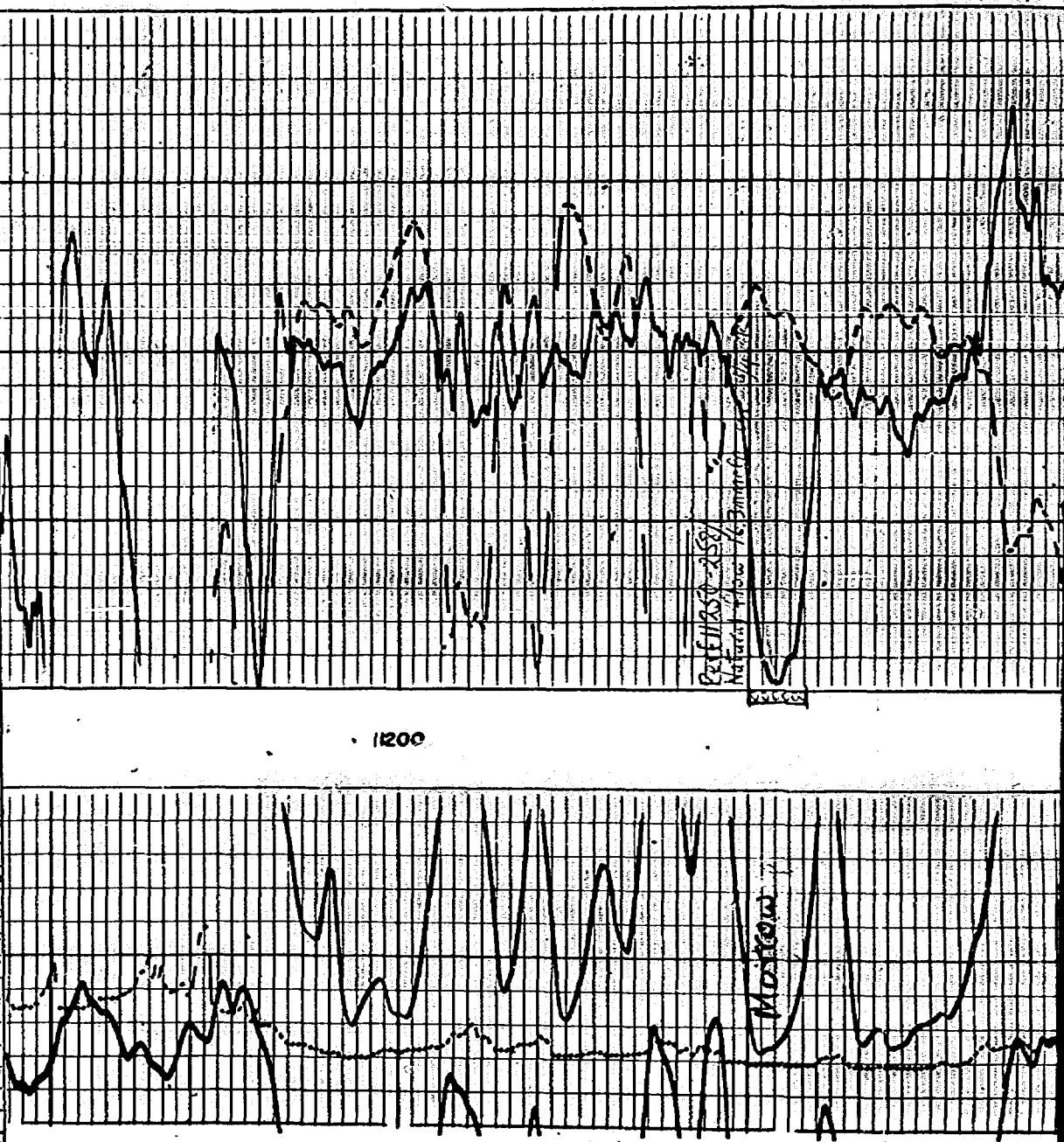
5-DLL/MSFL

API SERIAL NO 30 SEC 20.5 TWP 28.5 RANGE

Permanent Datum: GL Elev.: 3282
Log Measured From: KB 18 Ft. Above Perm. Datum
Drilling Measured From: KB

Elev.: K.B. 3300
D.F. GL 3282

Date	<u>30 AUG 75</u>				
Run No.	<u>046</u>				
Depth-Driller	<u>11480</u>				
Depth-Logger	<u>11478</u>				
Btm. Log Interval	<u>11476</u>				
Top Log Interval	<u>0</u>				
Casing-Driller	<u>8 1/8 @ 2800</u>	@	@	@	@
Casing-Logger	<u>2800</u>				
Bit Size	<u>7 7/8</u>				
Type Fluid in Hole	<u>ASBESTOS - SVCMC</u>				
Dens.	<u>9.8</u>	<u>3.8</u>			
Visc.					
pH	<u>11.0</u>	<u>8.8 ml</u>	ml	ml	ml
Fluid Loss					
Source of Sample	<u>PIT</u>				
Rm @ Meas. Temp.	<u>0.87 @ 76</u>	'F	@	'F	@
Rmf @ Meas. Temp.	<u>0.69 @ 78</u>	'F	@	'F	@
Rmc @ Meas. Temp.	<u>1.31 @ 76</u>	'F	@	'F	@
Source: Rmf	<u>M</u>	<u>G</u>			
Rmc					
Rm @ BHT	<u>0.37 @ 114</u>	'F	@	'F	@
Circulation Stopped					
Logger on Bottom					
Max. Rec. Temp.	<u>174</u>	'F	'F	'F	'F
Equip.	<u>7645 H3000</u>				
Location					
Recorded By	<u>RUEP</u>				
Witnessed By Mr.	<u>HARDEE</u>				

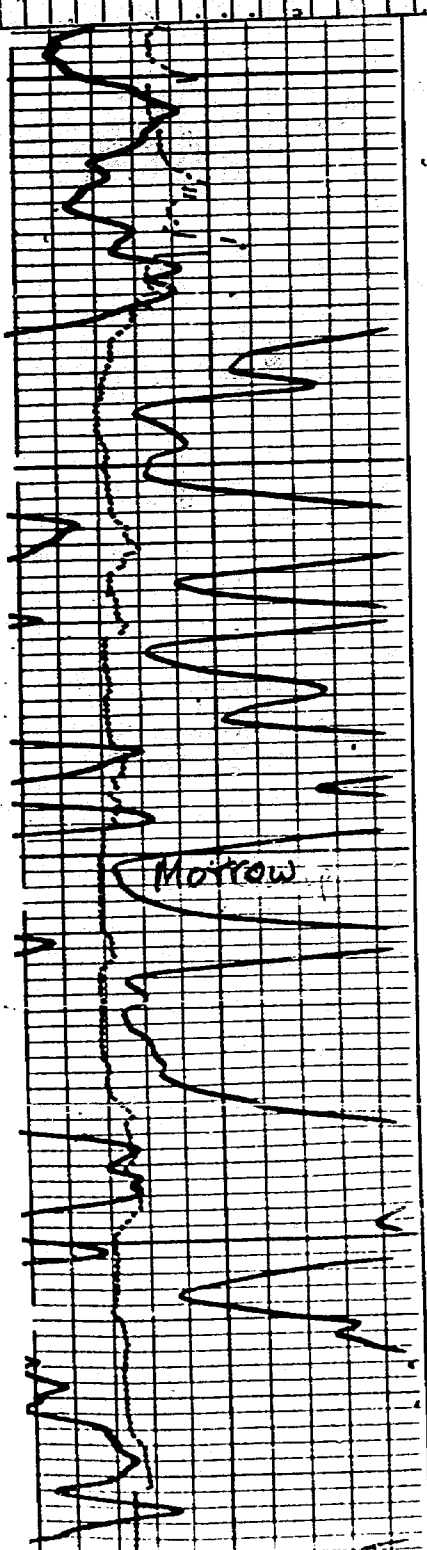
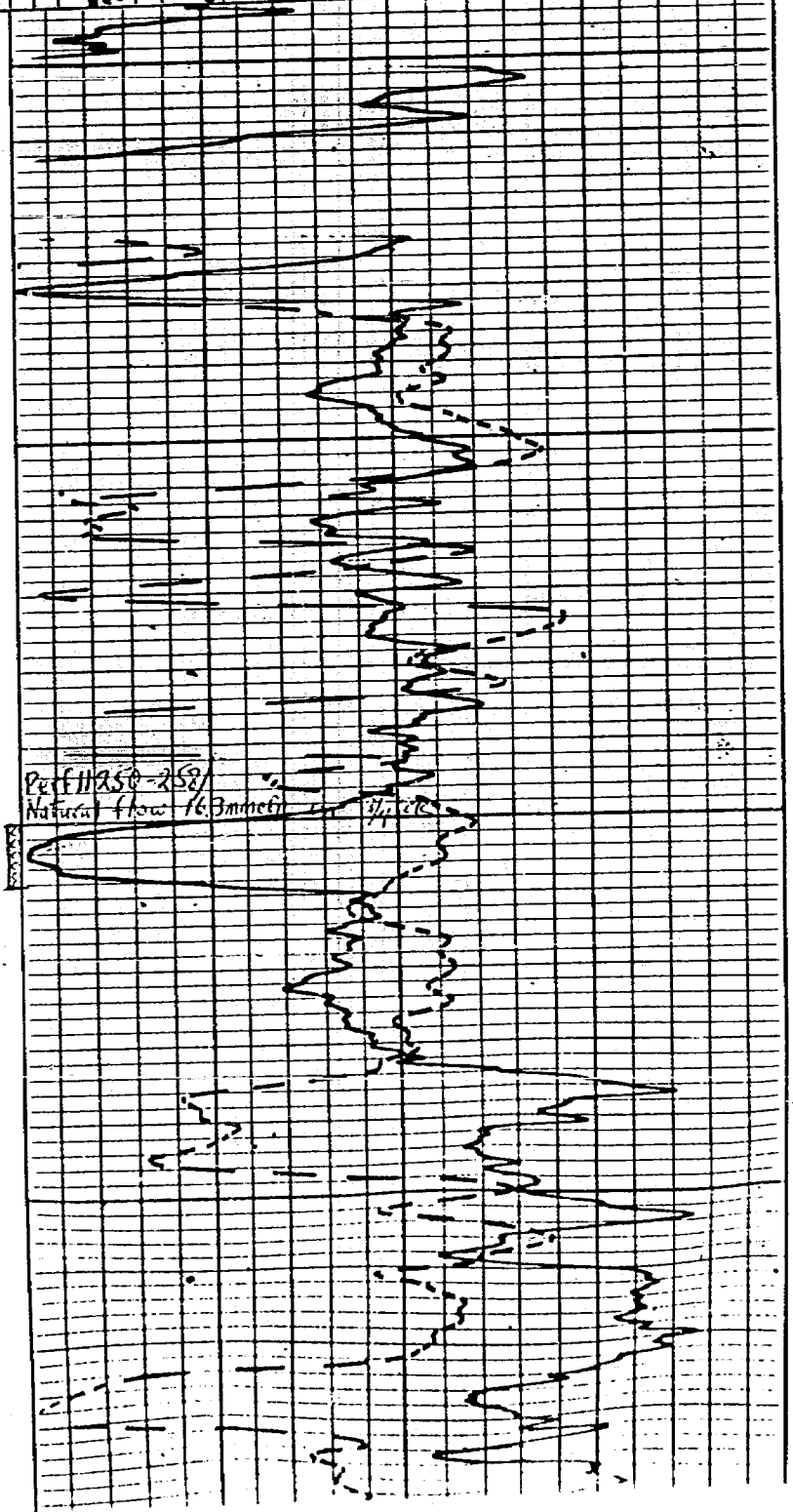


Case 58110

Geophysical

BOREHOLE RECORD
FORMATION DENSITY

COMPANY <u>YATES PETROLEUM CORPORATION</u>	
WELL <u>STONEWALL "EP" STATE #1 COR</u>	
FIELD <u>BURTON FLAT</u>	
COUNTY <u>EBEL</u> STATE <u>NEW MEXICO</u>	
Other Services: <u>5-02/100</u>	
LOCATION	API SERIAL NO. SEC. TWP. RANGE
<u>1980 EWEL</u>	<u>30 20-5 38-E</u>
Permanent Datum: <u>GL</u> Elev: <u>3282</u>	
Log Measured From: <u>KA</u> <u>KA</u> 18 Ft. Above Perm. Datum	
Drilling Measured From: <u>KA</u> <u>KA</u>	
Date	<u>20 AUG 75</u>
Run No.	<u>045</u>
Depth-Driller	<u>11480</u>
Depth-Logger	<u>11478</u>
Bm. Log Interval	<u>11476</u>
Top Log Interval	<u>0</u>
Casing-Driller	<u>8 1/8 @ 2840</u>
Casing-Logger	<u>8 1/8 @ 2840</u>
Bit Size	<u>7 1/8</u>
Type Fluid in Hole	<u>ASHGROJ-SVCHC</u>
Dens. Visc.	<u>9.8 38</u>
Sp. Fluid Loss	<u>11.0 8.8 ml</u>
Source of Sample	<u>PIT</u>
Rm @ Meas. Temp.	<u>1087 @ 76 °F</u>
Rmf @ Meas. Temp.	<u>1044 @ 78 °F</u>
Rmc @ Meas. Temp.	<u>131 @ 76 °F</u>
Source Rmf Rmc	<u>131 5</u>
Rm @ BHT	<u>1037 @ 114 °F</u>
Circulation Stopped	
Logger on Bottom	
Max. Rec. Temp.	<u>174 °F</u>
Equip. Location	<u>7645 W6905</u>
Recorded By	<u>EEEP</u>
Witnessed By Mr.	<u>WHPDET</u>





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

October 29, 1976

Mr. Joe Ramey, Secry-Director
N.M.O.C.C.
P.O. Box 2088
Santa, Fe, New Mexico 87501

RE: Dual Completion, Stonewall "EP" State Com No. 1
North Burton Flat, Wolfcamp Gas & Morrow Gas.

Dear Sir:

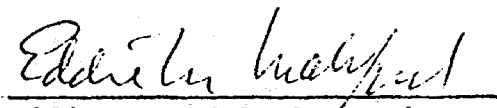
Yates Petroleum seeks Administrative Approval to dually complete its Stonewall "EP" State Com No. 1 located 1980 FNL 1980 FWL Section 30-T20S-R28E, North Burton Flat Wolfcamp Gas and Burton Flat Morrow gas. Precedence has been established in OCC Order No. R-4903 dated 11-4-74 wherein Cities Service Govt. "Z" No. 1 located in Unit K Section 23-T20S-R28E is dualled in North Burton Flat Wolfcamp Gas and Burton Flat Morrow Gas.

In compliance with the provisions of OCC Rule 112-A-IV, attached hereto is Form C-107, Diagrammatic Sketch of the proposed dual completion, lease ownership plat showing applicant's lease and offset wells on offset leases, electric log of subject well. Offset operators are notified of this intent by copy of this application.

Thank you.

Yours very truly,

YATES PETROLEUM CORPORATION


Eddie M. Mahfood, Engineer

EMM/pt
Enclosures

Case 5810
S. P. YATES
PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC. - TREAS.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Case 5810

Operator Yates Petroleum Corporation		County Eddy	Date 10-29-76
Address 207 So. 4th, Artesia, NM 88210		Lease Stonewall EP State	Well No. 1-Com
Location of Well	Unit F	Section 30	Township 20S
			Range 28E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐

2. If answer is yes, identify one such instance: Order No. R-4903; Operator, Lease, and Well No.:
Cities Service Co.-Government Z #1
Unit K, Sec 23-20S-28E Eddy, Co.

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	N. Burton Flat-Wolfcamp		Burton Flat-Morrow
b. Top and Bottom of Pay Section (Perforations)	8880-8908		11250-11250
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please mark YES or NO)

- ☒ a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- ☒ b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- ☒ c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- ☒ d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Gulf Oil Co. Box 1150 Midland, TX 79701

Mesa Petroleum Co. 904 Gihls Tower West Midland, TX 79701

Exxon Co. Box 1600 Exxon Bldg. Midland, TX 79701

Cities Service Oil Co. Box 919 800 Vaughn Bldg., Midland, TX 79701

Amoco Production Co. Box 1725 West Bldg. Midland, TX 79701

Antweil, Morris R. Box 2010 814 W. Marland Hobbs, NM 88240

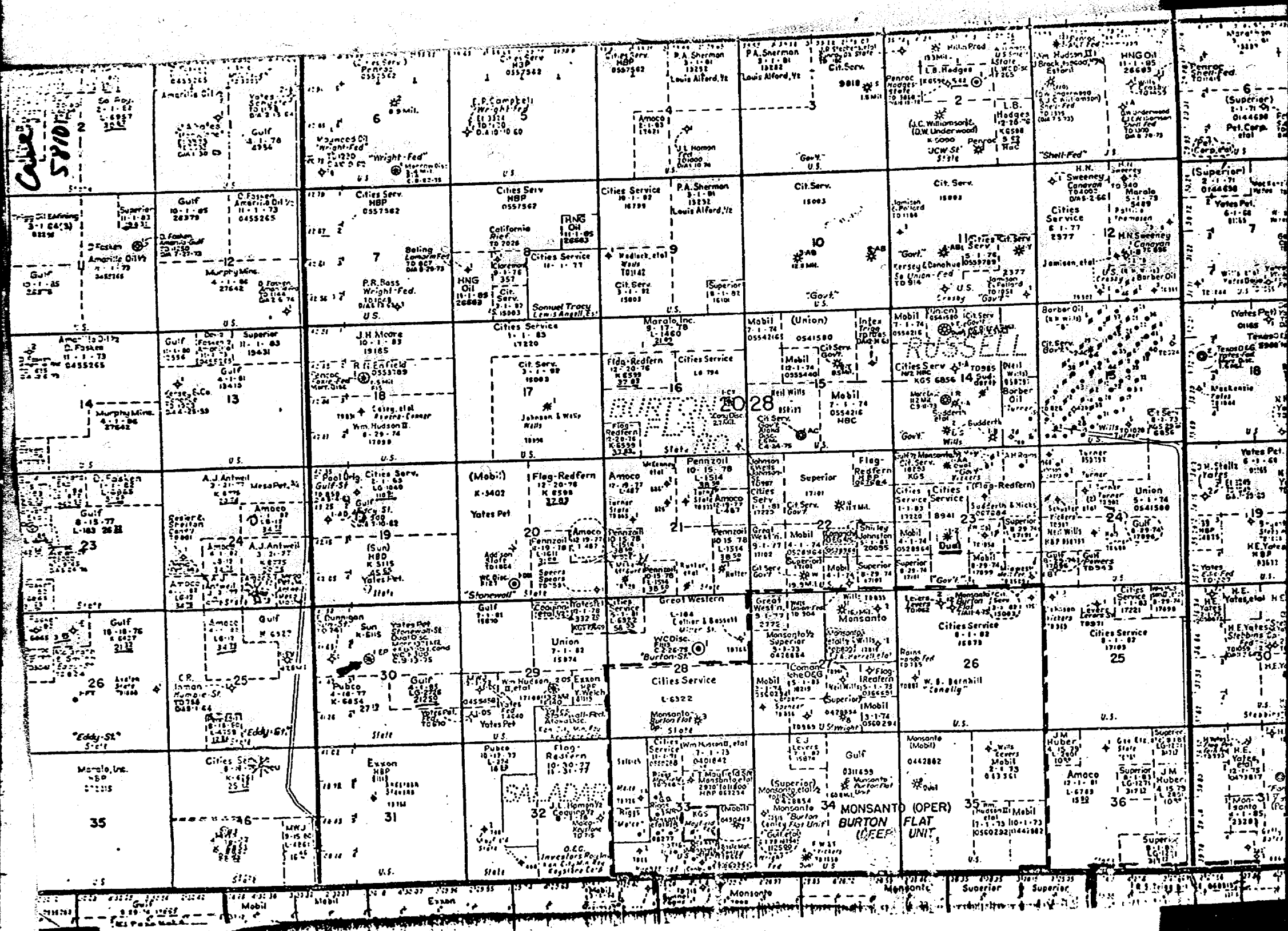
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification October 29, 1976

CERTIFICATE: I, the undersigned, state that I am the Engineer of the Yates Petroleum Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

E. M. [Signature]
Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

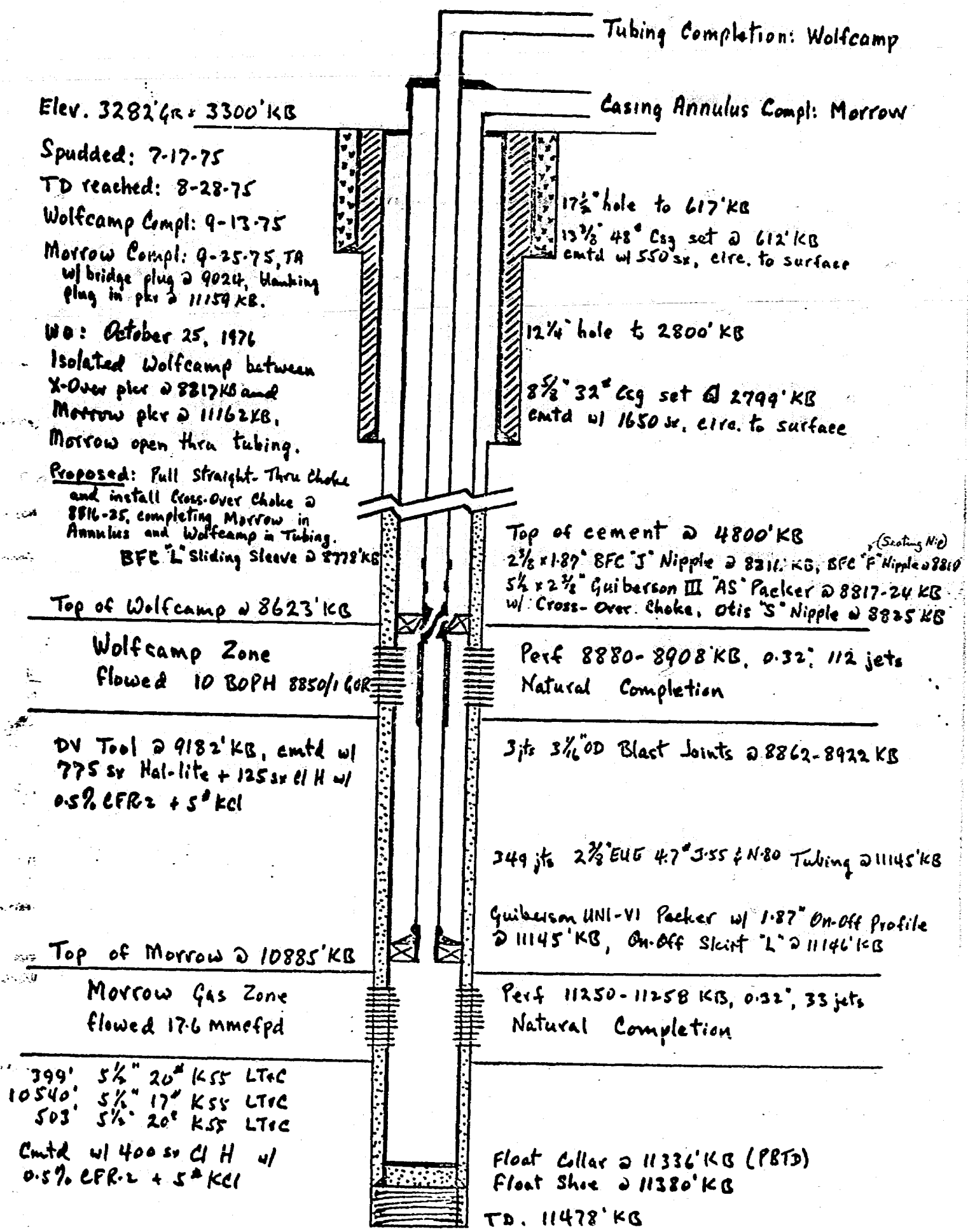
NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



6 Wright-Fed U.S.	7 Calif. Serv U.S.	8 Calif. Serv U.S.	9 Calif. Serv U.S.	10 Calif. Serv U.S.	11 Calif. Serv U.S.	12 Calif. Serv U.S.	13 Calif. Serv U.S.	14 Calif. Serv U.S.	15 Calif. Serv U.S.	16 Calif. Serv U.S.	17 Calif. Serv U.S.	18 Calif. Serv U.S.	19 Calif. Serv U.S.	20 Calif. Serv U.S.	21 Calif. Serv U.S.	22 Calif. Serv U.S.	23 Calif. Serv U.S.	24 Calif. Serv U.S.	25 Calif. Serv U.S.	26 Calif. Serv U.S.	27 Calif. Serv U.S.	28 Calif. Serv U.S.	29 Calif. Serv U.S.	30 Calif. Serv U.S.	31 Calif. Serv U.S.	32 Calif. Serv U.S.	33 Calif. Serv U.S.	34 Calif. Serv U.S.	35 Calif. Serv U.S.	36 Calif. Serv U.S.	37 Calif. Serv U.S.	38 Calif. Serv U.S.	39 Calif. Serv U.S.	40 Calif. Serv U.S.	41 Calif. Serv U.S.	42 Calif. Serv U.S.	43 Calif. Serv U.S.	44 Calif. Serv U.S.	45 Calif. Serv U.S.	46 Calif. Serv U.S.	47 Calif. Serv U.S.	48 Calif. Serv U.S.	49 Calif. Serv U.S.	50 Calif. Serv U.S.
--	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Core
5810

Diagrammatic Sketch of Dual Completion Stonewall "EP" State Com. No. 1, 1480/N 1480/W Sec 30-20s-28E



Line 5810

COMPANY AND NEIGHBORHOOD
FORMATION HISTORY

COMPANY YATES PETROLEUM CORPORATION

WELL STONEWALL "EP" STATE #1

FIELD BURTON FLAT

COUNTY EDDY STATE NEW MEXICO

LOCATION 1980 ENCEL

Other Services:

5-ALL/MSAL

API SERIAL NO. SEC TWP RANGE
30 20-S 28-E

Permanent Datum: GL Elev.: 3282

Log Measured From: KA 18 Ft. Above Perm. Datum

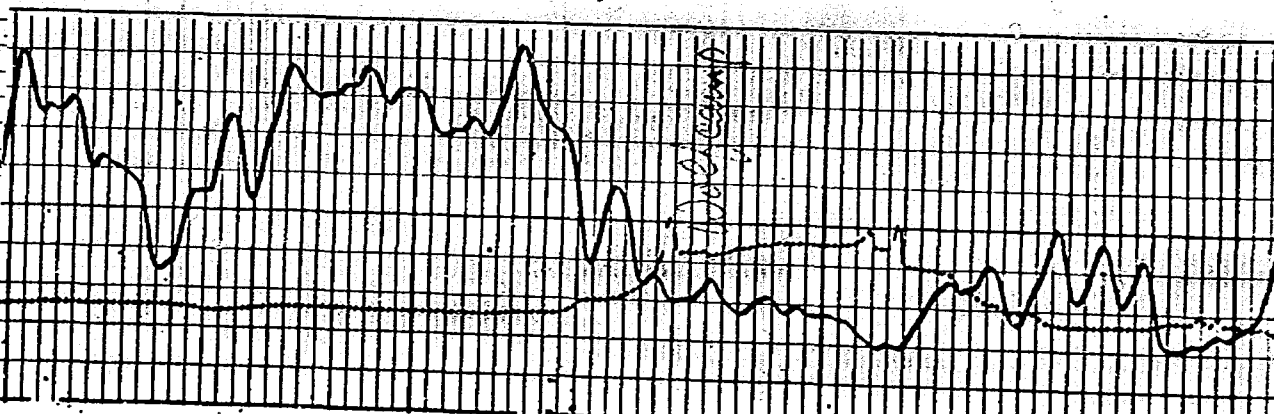
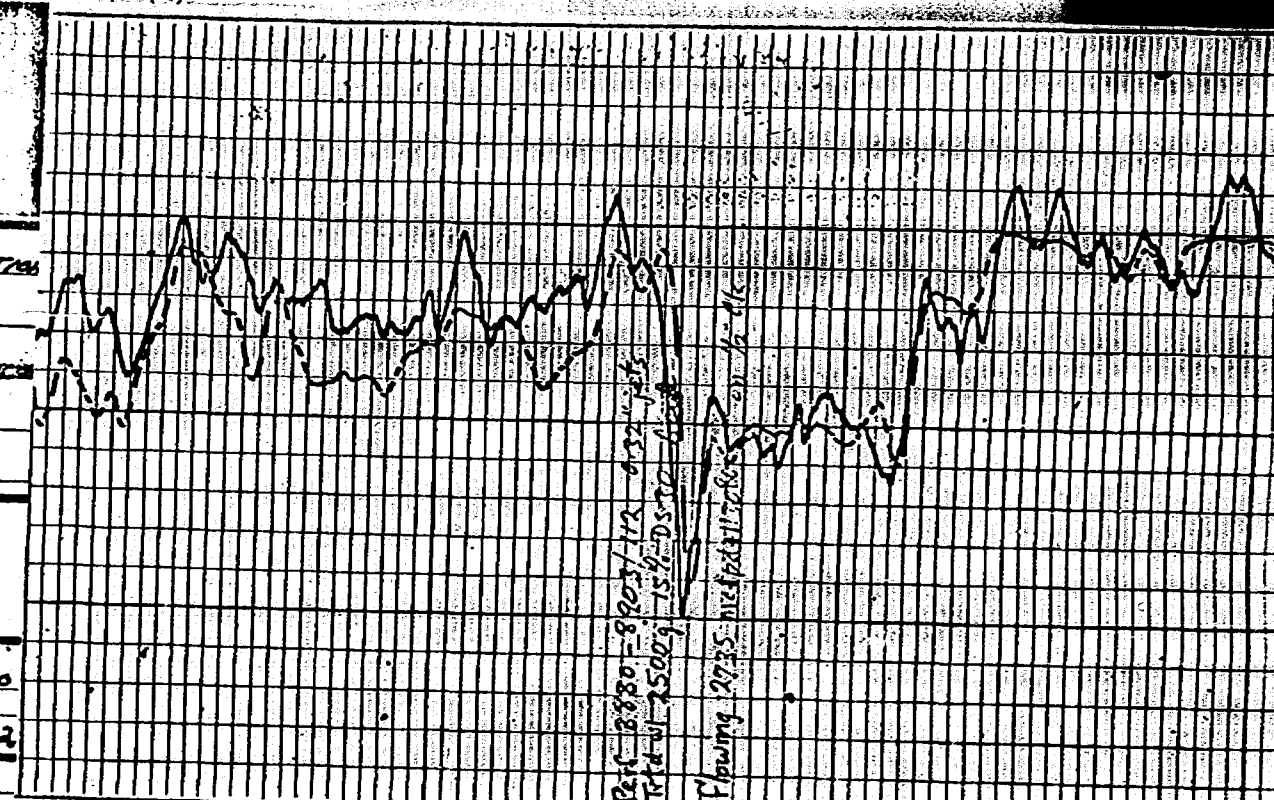
Drilling Measured From: KA

Elev.: K.B. 3700

D.F.

G.I. 3282

Date	<u>30 AUG 75</u>				
Run No.	<u>045</u>				
Depth-Driller	<u>11480</u>				
Depth-Logger	<u>11478</u>				
3-in. Log Interval	<u>11476</u>				
Top Log Interval	<u>0</u>				
Casing-Driller	<u>8 7/8 @ 2800</u>	@			@
Casing-Logger	<u>2800</u>				@
Bit Size	<u>7 7/8</u>				
Type Fluid in Hole	<u>ASBESTOS - SWCMC</u>				
Dens. Visc.	<u>9.8 18</u>				
pH Fluid Loss	<u>11.0 8.8 ml</u>				
Source of Sample	<u>PIF</u>				
Rm @ Meas. Temp.	<u>087 @ 76 F</u>	@	*F	@	*F
Rmf @ Meas. Temp.	<u>069 @ 78 F</u>	@	*F	@	*F
Rmc @ Meas. Temp.	<u>131 @ 76 F</u>	@	*F	@	*F
Source: Rmf Rmc	<u>M C</u>				
Rm @ BHT	<u>037 @ 114 F</u>	@	*F	@	*F
Circulation Stopped					
Logger on Bottom					
Max. Rec. Temp.	<u>174 F</u>				
Equip. Location	<u>7645 HODD</u>				
Recorded By	<u>REED</u>				
Witnessed By Mr.	<u>REED</u>				



Cave 590

San Antonio

UNIVERSITY MICROFILMS
INTERNATIONAL UNIVERSITY

COMPANY YATES PETROLEUM CORPORATION

WELL STONEWALL 'EP.' STATE #1

FIELD BURTON FLAT

COUNTY EDDY STATE NEW MEXICO

LOCATION 1980 ENTEL

Other Services:

5-24/ASAL

API SERIAL NO. SEC TWP RANGE

30 20-5 28-E

Permanent Datum: GL Elev.: 3282

Elev.: K.B. 3300

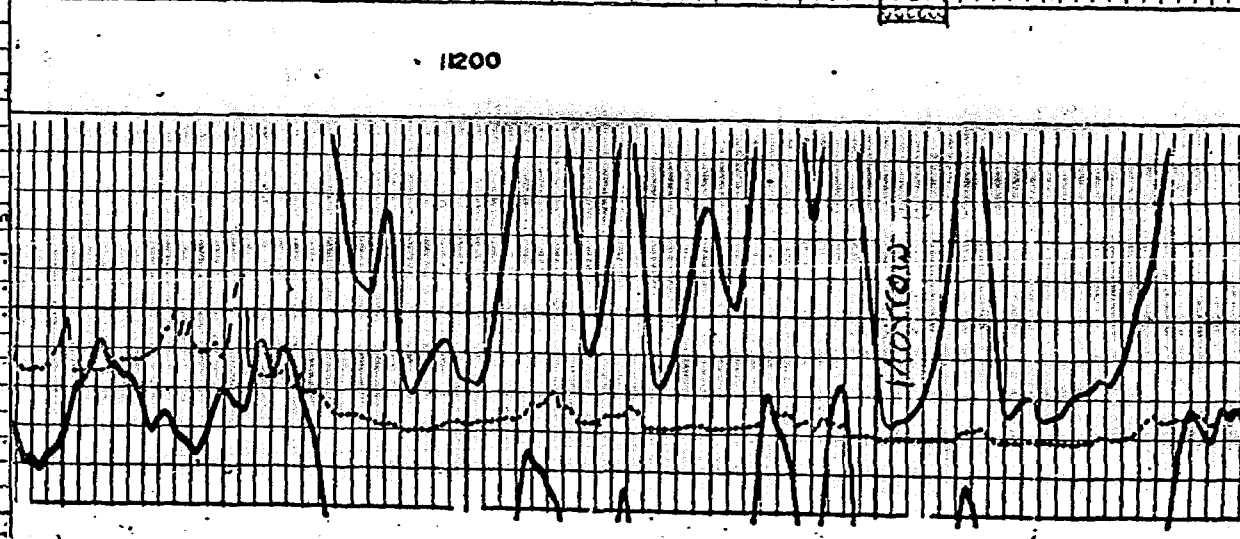
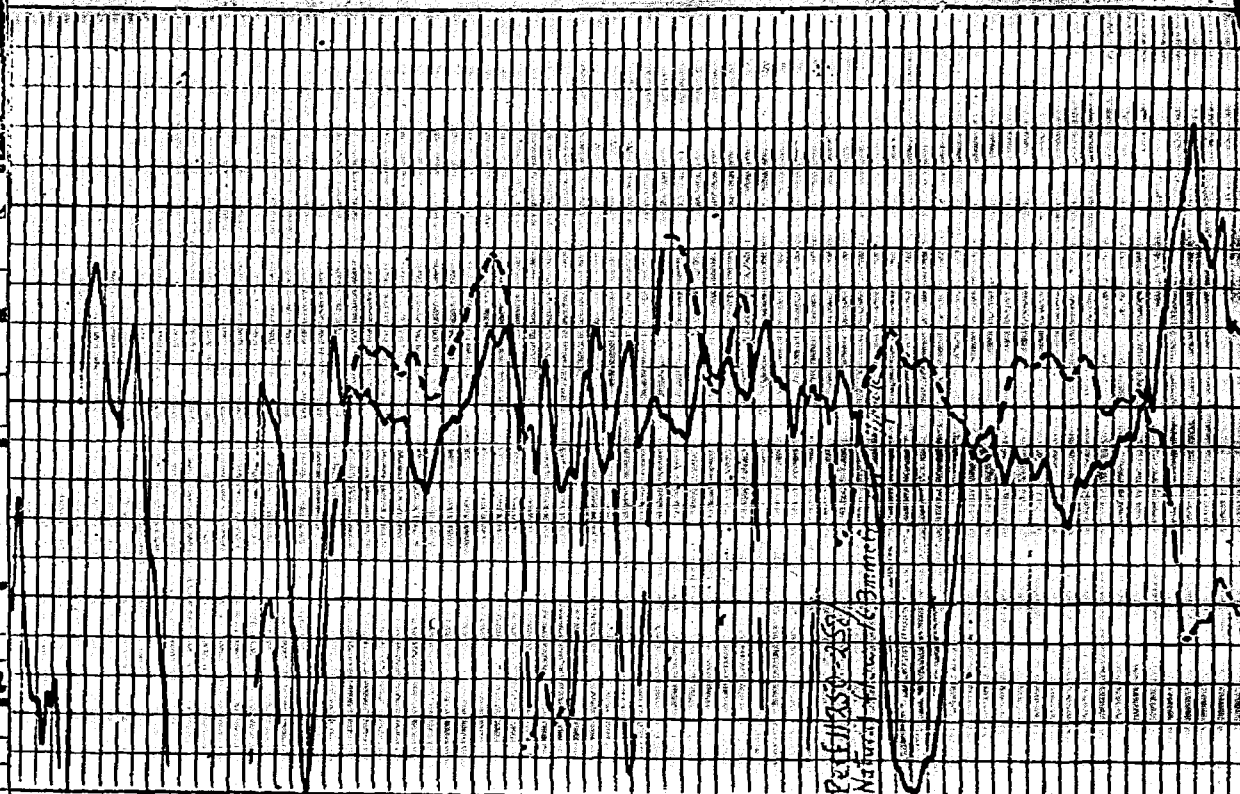
Log Measured From: KR 18 Ft. Above Perm. Datum

D.F.

Drilling Measured From: KR

G.I. 3282

Date	<u>30 AUG 75</u>					
Run No.	<u>046</u>					
Depth-Driller	<u>11480</u>					
Depth-Logger	<u>11478</u>					
Em. Log Interval	<u>11476</u>					
Top Log Interval	<u>0</u>					
Casing-Driller	<u>8 7/8 @ 2800</u>	@		@		@
Casing-Logger	<u>2800</u>					
Bit Size	<u>7 7/8</u>					
Type Fluid in Hole	<u>ASBESTOS - SWCMC</u>					
Dens. Visc.	<u>9.8</u>	<u>38</u>				
pm Fluid Loss	<u>110</u>	<u>8.8</u>	ml		ml	
Source of Sample	<u>PIT</u>					
Rm @ Meas. Temp.	<u>087 @ 76</u>	F	@	'F	@	'F
Rmf @ Meas. Temp.	<u>069 @ 78</u>	F	@	'F	@	'F
Rmc @ Meas. Temp.	<u>131 @ 76</u>	F	@	'F	@	'F
Source: Rmf Rmc	<u>M</u>	<u>G</u>				
Rm @ BHT	<u>037 @ 114</u>	F	@	'F	@	'F
Circulation Stopped						
Logger on Bottom						
Max. Rec. Temp.	<u>174</u>	'F		'F		'F
Equip. Location	<u>7845 11000</u>					
Recorded By	<u>REED</u>					
Witnessed By Mr.	<u>WAGGERS</u>					



BUCKLE UP FOR THE FUTURE

1200

1300

Tide gauge

PREF 11250-250

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. 5810

Order No. R- 5374

APPLICATION OF YATES PETROLEUM CORPORATION
FOR A DUAL COMPLETION, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on
~~January 16~~ 1977, at Santa Fe, New Mexico, before
Examiner ~~Daniel S. Hutton~~ RLS

NOW, on this January day of 1978, the
Commission, a quorum being present, having considered the
testimony, the record, and the recommendations of the Examiner,
and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by
law, the Commission has jurisdiction of this cause and the subject
matter thereof.

(2) That the applicant, Yates Petroleum Corporation,
seeks authority to complete its Stonewall "EP" Com
Well No. 1, located in Unit F of Section 30, Township
20 ~~South~~ South Range 28 ~~East~~ East NMPM, Eddy County, New
Mexico, as a dual completion ~~(conventional)~~ to produce gas
~~from the~~ from the North Burton Flat-Wolfcamp and an undesignated Morrow
gas pool.

(3) That the mechanics of the proposed dual completion
are feasible and in accord with good conservation practices.

(4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Yates Petroleum Corporation, is hereby authorized to complete its Stonewall "EP" Com Well No. 1, located in Unit F of Section 30, Township 20 South ~~North~~ Range 28 East ~~West~~ NMPM, Eddy County, New

Mexico, as a dual completion ^(conventional) ~~(combination)~~ ^{oilxx} to produce gas ~~(combinationless)~~

from the North Burton Flat-Wolfcamp Gas Pool ~~and an undesignated~~ ^{Through 2 3/8-inch tubing} ~~and gas from an undesignated Morrow gas pool.~~

^{tubing to a crossover assembly set in a packer at approximately 8819 feet and thence to the surface through the casing-tubing annulus with separation of the zones accomplished}

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage ^{zone segregation} tests upon completion and annually thereafter during the Annual ^{Shut-In Pressure} ~~Gas-Oil-Ratio~~ Test Period for ^{gas wells in Southeast New Mexico} ~~Deliverability~~ ~~Pool~~

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

by means of a packer set at approximately 11,145 feet.