STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: ___X_____Secondary Recovery _____Pressure Maintenanc Oil Conservation Division
Application qualifies for administrative approval? ____X____Yes _____ Case No. 26
Exhibit No. 6

II. OPERATOR: Beach Exploration, Inc.

ADDRESS: 800 N Marienfeld, Suite 200, Midland, Texas 79701

CONTACT PARTY: ____Jack Rose_____ PHONE: 432-683-6226

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____Yes _____X___No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: ___Jack Rose_____ TITLE: _____Engineer_____

SIGNATURE: _____ DATE: __July 18, 2007

E-MAIL ADDRESS: _jrose@beachexp.com_____

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Beach Exploration, Inc.

C-108 Application

Proposed Eastland Queen Unit

Eddy County, New Mexico

Form C108 – Item I. Purpose - Secondary Recovery

Form C108 – Item II.

Operator - Beach Exploration, Inc.
Address - 800 N. Marienfeld, Suite 200
Midland, Texas 79701-3382
Contact - Jack M. Rose (432) 683-6226

Form C108 – Item III. Injection Well Data Sheets (attached 1 list, 18 schematics)

Form C108 – Item IV. Expansion of existing project? **NO**

Form C108 – Item V. Large area map and Area of Review Detail map (attached)

Form C108 – Item VI. Area of Review – Well data tabulation & schematics
Unit Producing Wells – (attached 1 list, 12 schematics)
Offset Wells – (attached 7 legal sheets)
Plugged Wells – (attached 1 list, 17 schematics)

Form C108 – Item VII. Feasibility Study – (attached 10 pages)
Development Plat – (attached map)
Water Analysis – (attached 3 pages)

A feasibility study of the proposed unit was prepared by T. Scott Hickman & Associates This study is the basis for our proposed operation and it indicates that additional reserves of 734,000 barrels can reasonably be expected to be recovered as a result of waterflooding. The engineering study is included for your review.

The proposed development of the waterflood is as shown on the attached plat. It consists of conversion of thirteen existing wells to Phase I water injectors, installation of a (closed system) waterflood plant and distribution system and consolidation of four tank batteries to a central battery. A subsequent conversion of five existing unit producing wells to Phase II water injectors is planned when water breakthrough occurs in these wells.

Make-up water volume requirements have been recalculated based on current cumulative production and is estimated to be 1.75 million barrels. Total make-up water requirements will be at least 1.75 million barrels and could range up to 2.75 million barrels depending on injection efficiency (67% estimated previously). The maximum monthly requirement would be 80,000 barrels initially and should decrease uniformly to little or no usage in a 5 to 6 year period with re-injection of produced water. On a daily basis, the targeted injection rate will be 150 BWPD for each well. Initially with thirteen injectors this would be 1,950 BWPD and after Phase II water injectors have been converted (5 additional) the daily requirement would be 2,700 BWPD.

The maximum injection pressure is anticipated to be 1250 psi. Experience in other Queen floods show that frac pressures in the Queen approach 1 psi/ft. The pay quality in the area of the proposed flood is expected to be on the tighter side and higher injection pressures are anticipated.

A four-township area surrounding the proposed flood was investigated for potential sources of makeup water. Disposal wells are sparse and only dispose of approximately 12,000 barrels a month. There are approximately five SWD wells that are spread in different directions from 3.5 to 5 miles from the proposed flood. This quantity of water would not facilitate a flood. There are two Capitan Basin fresh water wells in the northwest quarter of Section 3, 19S, 29E. These wells are less than two miles from our proposed central battery. The State Engineer's office confirmed that 98 acre-ft of water per year (760,000 bbl/yr, 63,300 bbl/mo) from these two wells are dedicated to "Oil and Gas Exploration and Development". Rock House Ranch indicated that they can supply water from these two wells at the rate of 2500 barrels of water per day and that they will bring this water to the flood.

Beach Exploration is requesting the use of these Capitan Basin fresh water wells as make-up water for the Eastland Queen Unit. The Queen floods that Beach has been involved with have had very good success with fresh water. Other water sources would be cost prohibitive and could also pose long-term risk to the success of the flood.

Attached is a water analysis from the subject well (CP-626). The analysis is very favorable from a chemical and solids standpoint. The water might require some treatment for bacteria. The compatibility of this water source with the Queen produced water is not included with this application but will be forwarded as soon as available. No compatibility problems are anticipated.

Form C108 – Item VIII.

The injection zone in the proposed unit is locally referred to as the Shattuck member of the Queen Formation. This is the uppermost sandstone member of the Queen Formation. The reservoir consists of very fine grained, well sorted, sub-angular, buff-gray quartz sandstone. The sandstone ranges from 46 to 78 feet in gross thickness in the proposed unit area, and ranges in depth from 2,196 feet to 2,470 feet depending upon regional dip and surface elevation.

The office of the State Engineer has confirmed that the Capitan Basin water sands exist at approximately 200 ft in the area of the flood and that there are no fresh water sands deeper. They have also confirmed that there are no fresh water wells within one mile of any of the proposed injection wells.

Form C108 – Item IX.

There is no stimulation program planned for this unit initially other than routine acid treatments for potential calcium carbonate scaling.

Form C108 – Item X.

All wells in the proposed flood are of public record and logs have been filed with the OCD.

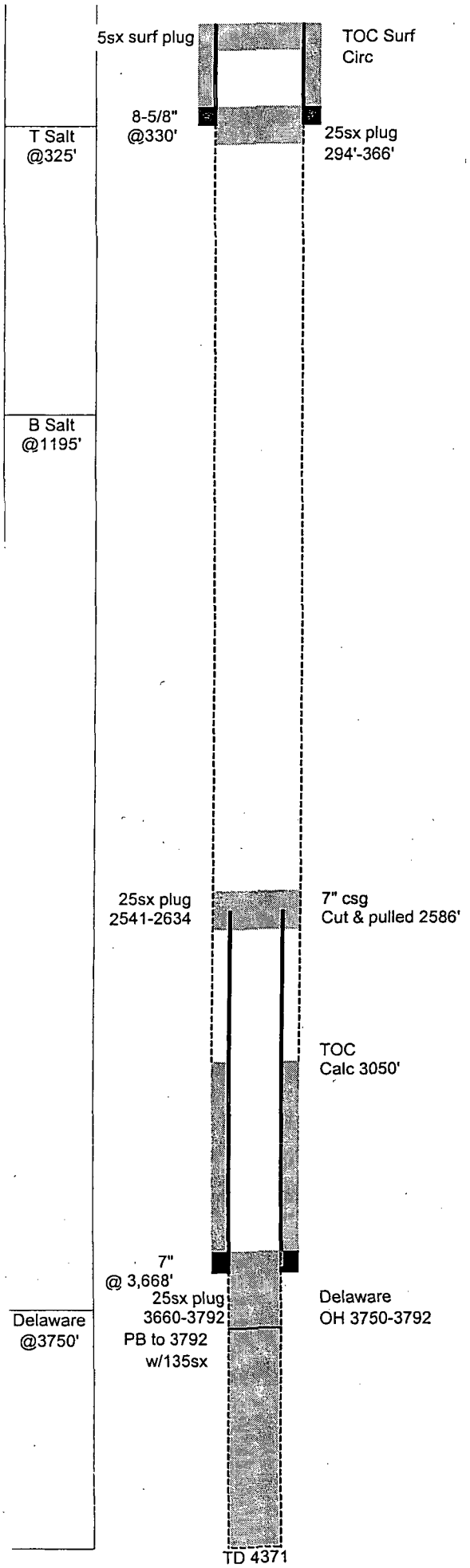
Form C108 – Item XI. No fresh water wells exist within one mile of the proposed flood.

Form C108 – Item XII. Not applicable

Form C108 – Item XIII. "Proof of Notice" to be supplied later

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Injection Well Data Sheet (wellbore schematics attached)
Form C-108, Item III

Operator	Lease & Well #	Location	Sec.-Unit, Twp., Rge.
	PHASE I		
1. Re-enter P&A well	State B-7717 #4	1650' FSL 1650' FEL	1-J, 19S, 29E
2. Eastland Oil Company	State HL-1 #2	660' FNL 1980' FWL	1-C, 19S, 29E
3. Eastland Oil Company	P.J. State A #1	990' FNL 990' FWL	1-D, 19S, 29E
4. Eastland Oil Company	P.J. State A #7	330' FNL 990' FEL	1-A, 19S, 29E
5. Eastland Oil Company	P.J. State A #8	2310' FSL 990' FWL	1-L, 19S, 29E
6. Eastland Oil Company	P.J. State A #11	990' FSL 990' FWL	1-M, 19S, 29E
7. Eastland Oil Company	P.J. State A #18	1650' FSL 1650' FEL	2-J, 19S, 29E
8. Eastland Oil Company	P.J. State A #20	2310' FNL 330' FEL	2-H, 19S, 29E
9. Eastland Oil Company	P.J. State A #22	2310' FNL 330' FEL	1-H, 19S, 29E
10. Eastland Oil Company	P.J. State B #1	330' FNL 2310' FWL	11-C, 19S, 29E
11. Eastland Oil Company	P.J. State B #2	330' FNL 990' FEL	11-A, 19S, 29E
12. Myco Industries, Inc.	BBOC State #1	1980' FNL 1980' FEL	11-G, 19S, 29E
13. Myco Industries, Inc.	BBOC State #3	990' FNL 990' FWL	11-D, 19S, 29E
	PHASE II		
14. Eastland Oil Company	State HL-1 #3	660' FNL 1980' FEL	1-B, 19S, 29E
15. Eastland Oil Company	P.J. State A #9	1470' FSL 2420' FWL	1-K, 19S, 29E
16. Eastland Oil Company	P.J. State A #12	1650' FNL 990' FEL	1-H, 19S, 29E
17. Eastland Oil Company	P.J. State A #17	660' FSL 1980' FEL	2-O, 19S, 29E
18. Eastland Oil Company	P.J. State A #21	2310' FNL 2310' FWL	1-F, 19S, 29E



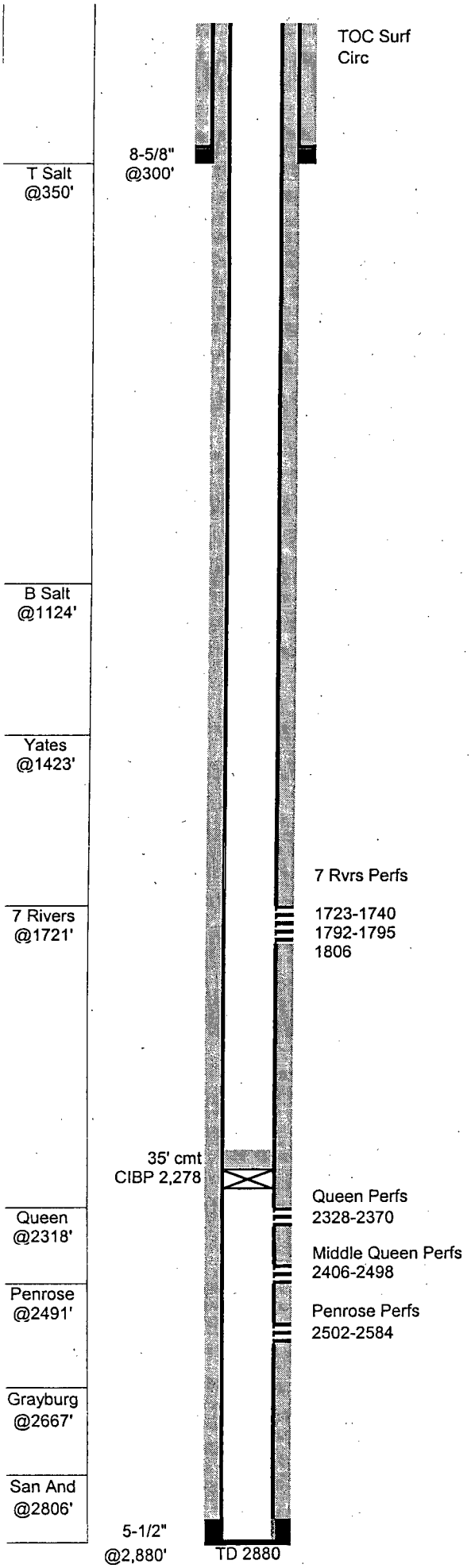
State B-7717 #4

GL:		**Status:**	P&A
KB:	3,403	**Perfs:**	OH Delaware 3750 - 3792
TD:	4,371		
PBD:	3,792	**API:**	30-015-03541
Fr. Wtr:			
Legal:	1,650 from S	**NM Lse:**	
	1,650 from E	**Field:**	East Turkey Track
Section:	1-J		
Township:	19S	**Logs:**	Cable tool no logs
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	28.00	H-40	330	80	10"	Surf	Circulated
7"	20.00		3,668	50	8"	3050'	Calc 1/3 excess
				OH	6-1/4"		

28-Jan-52	Spud well **Leonard Oil Company - State B-7717 #4**
31-Mar-52	Set 7" csg at 3668
18-Apr-52	TD 4371 making 45 gal wtr and 2 gal oil per hour, PB to 3792' w/135 sx cmt
	Delaware - Completion
22-Apr-52	Sand frac 1500 gal Hydrafrac under Lynes pkr from 3700' - 3792', 7 gal wtr and 33 gal oil per hr, tested 19 BOPD 4 BWPD
7-May-53	TA'd well. Pumped 25sx cmt at 3792' filled hole w/mud to surf, placed a 7" swedge on csg and installed a marker (est cmt to csg at 3668')
10-Dec-59	**P&A well**. Shot 7" off and recovered 2586' 7" csg. Ran tbg, mudded up hole, placed 25sx cmt plug 2541-2634 and 25sx plug from 294-366', set regulation 4" marker and poored 5sx cmt around marker

OPERATOR: Leonard Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was P&A and will be reentered and converted to injection.
The surface plugs will be drilled out and the well will be cleaned out to 2540'. Casing will be run to 2540' and cemented to surface. The Queen will be perforated at approximately 2400' and sand and water frac'd. A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations. APPROX PACKER DEPTH: 2350'



State "HL" 1 #2

GL:	3,415			**Status:**	Active pumping
KB:	3,423			**Perfs:**	1723 - 1806
TD:	2,880				
PBD:	2,836	2,249		**API:**	30-015-24911
Fr. Wtr:					
Legal:	660	from	N	**NM Lse:**	B-7717
	1,980	from	W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-C				
Township:	19S			**Logs:**	CNL, LDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24 & 32	K55 ST&C	300	200	12-1/4"	Surf	50' RM 12 yds
5-1/2"	15.50	K55 LT&C	2,880	615	7-7/8"	Surf	circ 50 sx

1-Aug-84 Spud well
Tenneco Oil Co. - State "HL" 1 #2

16-Aug-84 **Queen Completion**
Perf 2328,34,48,58,60,62,70, 2406,22,32,98, 2502,06,08,24,30,32,45,78,83,84
21 holes 0.34" - acidized w/4,000 gal 15% HCL, frac w/4,000 gal 70 qual foam, and 62.5M# 10/20 sand - last set of perfs frac w/10Mgal and tagged w/radium

21-Sep-84 IP: Pumping 14 BO 9 BW TSTM MCF 24 hrs 34.4 API

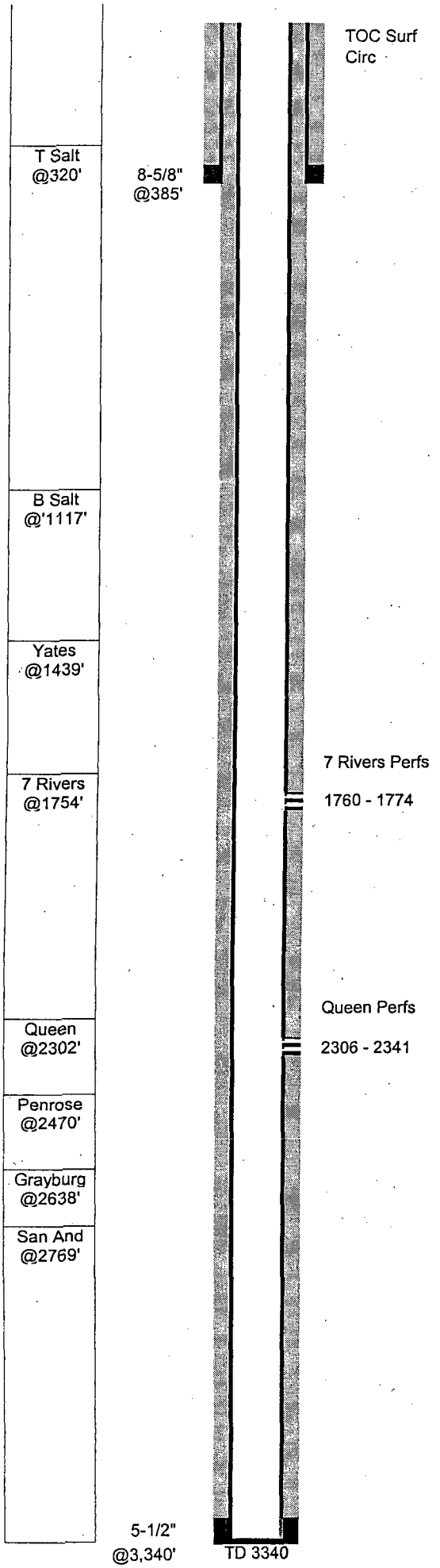
12-Nov-84 **7 Rivers Completion**
set CIBP at 2278 w/35' cmt
Perf 1723-40, 1792-95, 1806 1-4-1 SPF total 27 holes 0.34"
acidized w/1,000 gal 10% Acetic acid
frac w/51.1Mgal minimax III 30W, 30% N2, and 155M# 12/20 sand

25-Nov-84 IP: Pumping 95 BO 0 BW Gas TSTM 24 hrs 35.4 API

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
The 7 Rivers perforations 1723'-1806' will be squeezed, the CIBP at 2278 will be drilled out and a CIBP will be placed at 2400' above the Middle Queen perforations. A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2278'

JMR

7/5/2007



P.J. State A #1

GL:	3,420			**Status:**	Active pumping
KB:	3,428			**Perfs:**	1760-1774, 2306-2341
TD:	3,340				7 Rvrs & Qn
PBD:	3,300			**API:**	30-015-25655
Fr. Wtr:					
Legal:	990	from	N	**NM Lse:**	B-7717
	990	from	W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-D				
Township:	19S			**Logs:**	CNL, LDT, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		385	300	12-1/4"	Surf	54' RM 3 yds
5-1/2"	17.00	J55	3,340	675	7-7/8"	Surf	Circ 34 sx

29-Sep-86 Spud well
Fred Pool - P.J. State A #1

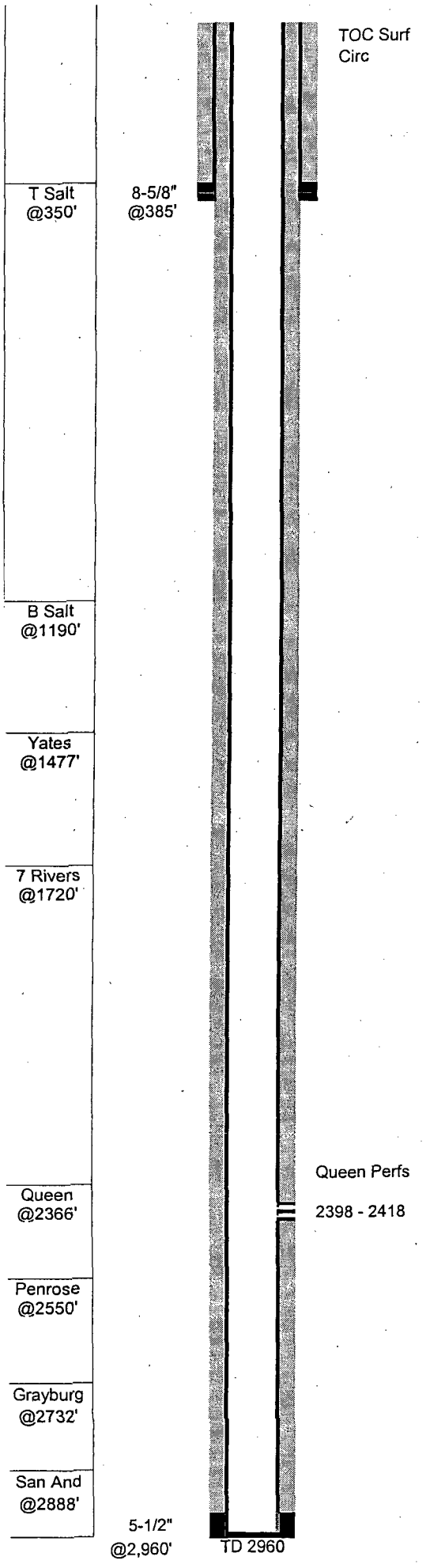
17-Oct-86 **7 Rivers Completion**
Perf 1760-1774 20 holes 0.4"
acidized w/1,500 gal 15% HCL Avg 3bpm 1700psi, ISIP 1100, 15min 780
frac 25Mgal gel KCL, 20M# 20/40, 15M# 12/20 Avg 25bpm 1500psi
ISIP 1340 15min 1020

30-Oct-86 IP: Pumping 25 BO 0 BW 70 MCF 24 hrs 39 API 2800 GOR

29-Jul-99 **Queen Completion**
Perf 2306-14, 31-33, 36-41 4 SPF 60 holes treated w/stim gun propellant
IP: Pumping - no separate test

14-Jun-00 **Frac Queen Perfs**
frac Queen down tbg w/pkr at 2200'
acidized w/630 gal 15% HCL
frac w/20Mgal gel wtr, 44.6M# 16/30
Avg 9.4bpm 2691psi ISIP 1382 15min 1305
Bailed out 57' of sand to 2427' - 86' below perfs

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
The 7 Rivers perforations 1760'-1774' will be squeezed. A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2250'



P.J. State A #7

GL:	3,428			**Status:**	Active pumping
KB:	3,434			**Perfs:**	2398 - 2418
TD:	2,960				
PBD:	2,918			**API:**	30-015-25794
Fr. Wtr:					
Legal:	330	from	N	**NM Lse:**	B-7717
	990	from	E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-A				
Township:	19S			**Logs:**	Cased Hole CNL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

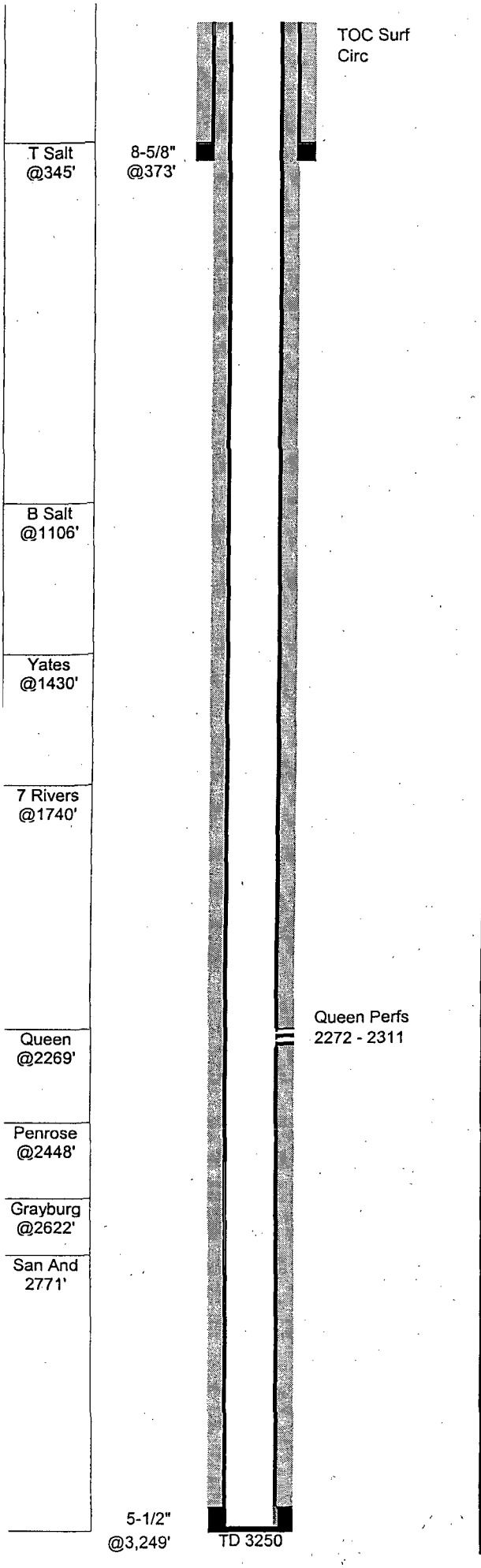
Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		385	300	12-1/4"	Surf	60' RM to surf
5-1/2"	15.50	ST&C	2,960	1,100	7-7/8"	Surf	Circ 128 sx

24-Oct-87 Spud well
Fred Pool - P.J. State A #7

6-Nov-87 **Queen Completion**
Perf 2398-2418 21 holes
frac w/40Mgal gel wtr, 55M# 20/40, 35M# 12/20 Avg 29bpm 2100psi

15-Nov-87 IP: Pumping 80 BO 0 BW 40 MCF 24 hrs 500 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2350'



P.J. State A #8

GL:	3,388	**Status:**	Active pumping
KB:	3,394	**Perfs:**	2272 - 2311
TD:	3,250		
PBD:	3,210	**API:**	30-015-25856
Fr. Wtr:			
Legal:	2,310 from S	**NM Lse:**	B-7717
	990 from W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-L		
Township:	19S	**Logs:**	CNL, LDT, DLL
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	J55	373	300	12-1/4"	Surf	20' RM 2 yds
5-1/2"	15.50	J55 used	3,249	900	7-7/8"	Surf	Circ 105 sx

1-Feb-88 Spud well
Fred Pool - P.J. State A #8

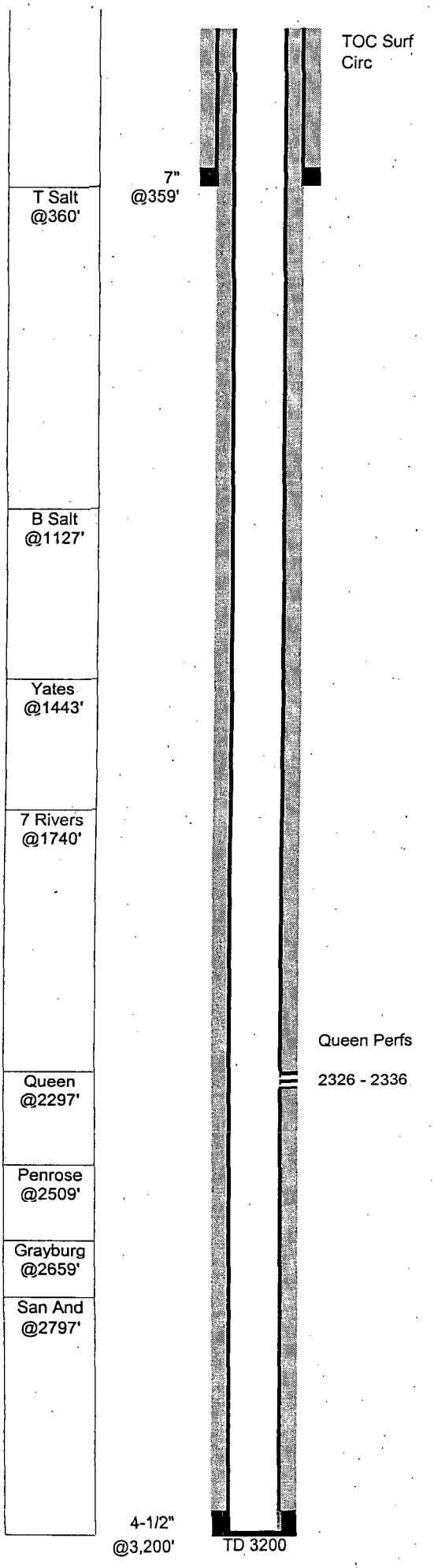
16-Feb-88 **Queen Completion**
Perf 2272,74,75,79,81,86,88,90 2300,02,04,07,09,11 14 holes
acidized w/500 gal 15% HCL
frac w/38Mgal 30# gel wtr, 60M# 20/40, 32M# 12/20
Avg 35bpm 2400psi ISIP 1620 15min 1370

25-Feb-88 IP: Pumping 65 BO 30 BW 40 MCF 24 hrs 615 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2225'

JMR

7/5/2007



P.J. State A #11

GL:	3,381			**Status:**	Active pumping
KB:	3,386			**Perfs:**	2326 - 2336
TD:	3,200				
PBD:	3,160			**API:**	30-015-25887
Fr. Wtr:					
Legal:	990	from	S	**NM Lse:**	B-7717
	990	from	W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-M				
Township:	19S			**Logs:**	CNL, ZDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

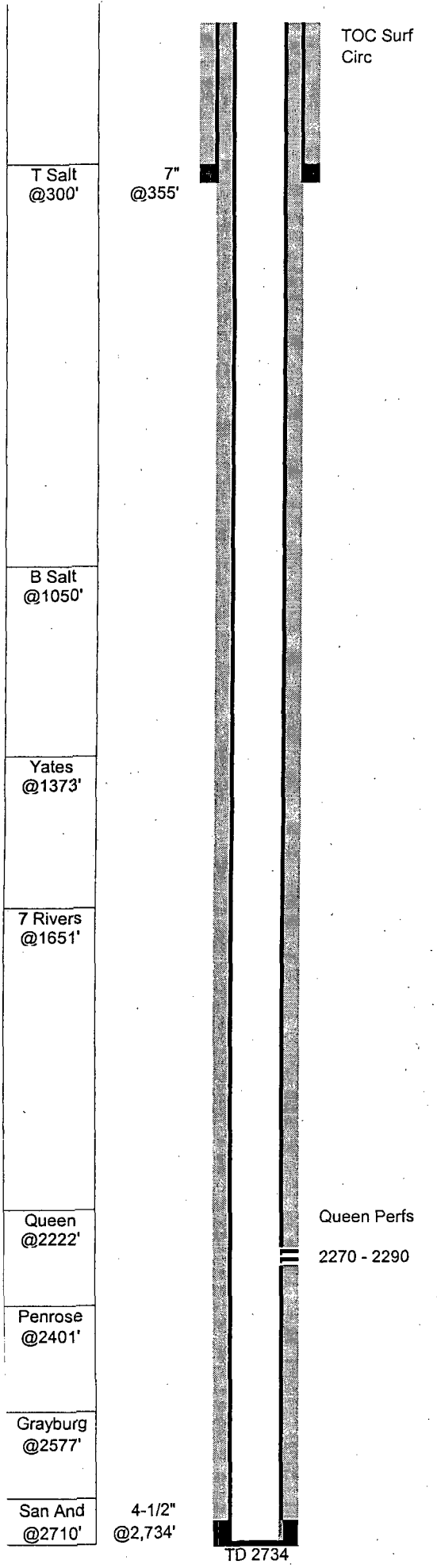
Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
7"	23.00		359	300	9-7/8"	Surf	55' RM 4.5 yds
4-1/2"	9.50	J55 ST&C	3,200	400	6-1/8"	Surf	Circ 60 sx

11-Apr-88 Spud well
Fred Pool - P.J. State A #11

28-Apr-88 **Queen Completion**
Perf 2326-2336 11 holes 0.4"
acidized w/750 gal 15% HCL
frac w/20Mgal gel wtr, 23M# 20/40, 12M# 12/20
Avg 15bpm 2030psi ISIP 1640 15min 1270

1-May-88 IP: Pumping 45 BO 20 BW 20 MCF 24 hrs 37 API 445 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2275'



P.J. State A #18

GL:	3,360			**Status:**	Active pumping
KB:	3,369			**Perfs:**	2270 - 2290
TD:	2,734				
PBD:	2,694			**API:**	30-015-26190
Fr. Wtr:					
Legal:	1,650	from	S	**NM Lse:**	B-7717
	1,650	from	E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	2-J				
Township:	19S			**Logs:**	cased hole CNL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
7"			355	200	10-1/4"	Surf	80' RM 4 yds
4-1/2"	9.50	K55	2,734	475	6-1/4"	Surf	Circ 160 sx

1-Dec-89 Spud well
Fred Pool - P.J. State A #18

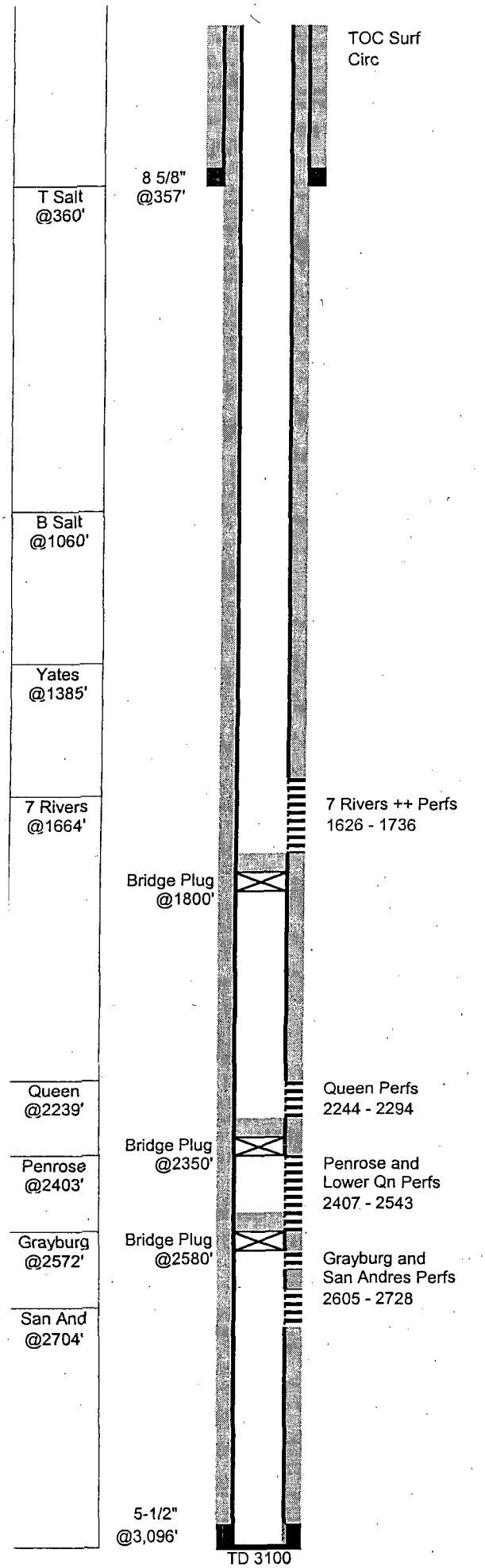
28-Dec-89 **Queen Completion**
Perf 2270-2290 20 holes
acidized w/1000 gal 15% HCL
frac w/ 40Mgal x-linked gel, 79M# 12/20

9-Jan-90 IP: Pumping 44 BO 8 BW 25 MCF 24 hrs 34 API 568 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2225'

JMR

7/5/2007



P.J. State A #20

GL:	3,381			**Status:**	Active pumping
KB:	3,389			**Perfs:**	1626 - 1736
TD:	3,100				
PBD:	3,037	1,800		**API:**	30-015-26444
Fr. Wtr:					
Legal:	2,310	from	N	**NM Lse:**	B-7717
	330	from	E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	2-H				
Township:	19S			**Logs:**	CNL, LDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	J55	357	350	12-1/4"	Surf	?? RM 10 yds
5-1/2"	15.50	779' J55	3,096	675	7-7/8"	Surf	Circ 25 sx
5-1/2"	14.00	2309'					

19-Aug-90 Spud well
Eastland Oil - P.J. State A #20

9-Oct-90 CO w/pulling unit to 3100' and run 5-1/2" csg

11-Oct-90 **Grayburg San Andres Completion**
Perf 2605,91,93, 2700,03,11,21,28 2 SPF 16 holes 4" csg gun
acidized w/1000 gal 15% HCL 30 BS, Avg 3.9bpm 1650psi ISIP 1000 15min 940
frac w/20Mgal gel wtr 40M# 20/40, Avg 20bpm 1400psi, ISIP 1250 15min 1090
31-Oct-90 Tst: Pumping 28 BO 4 BW 40 MCF 24 hrs 35.2 API 1,454 GOR
6-Nov-90 Tst: Pumping 9 BO 7 BW ?? MCF 35.2 API 24 hrs

13-Dec-90 **Penrose & Lower-Queen Completion**
Bridge plug at 2580'
Perf 2407,12,18,32,40,55,86,90, 2513,31,39,43 24 holes 0.4"
acidized w/1000 gal 15% HCL
frac w/25Mgal x-linked gel, 35M# 20/40, 15M# 12/20
Avg 20bpm 1550psi, ISIP 1510 15min 1360
swabbed and flowed SW with no show, no oil after 28 day test pumping

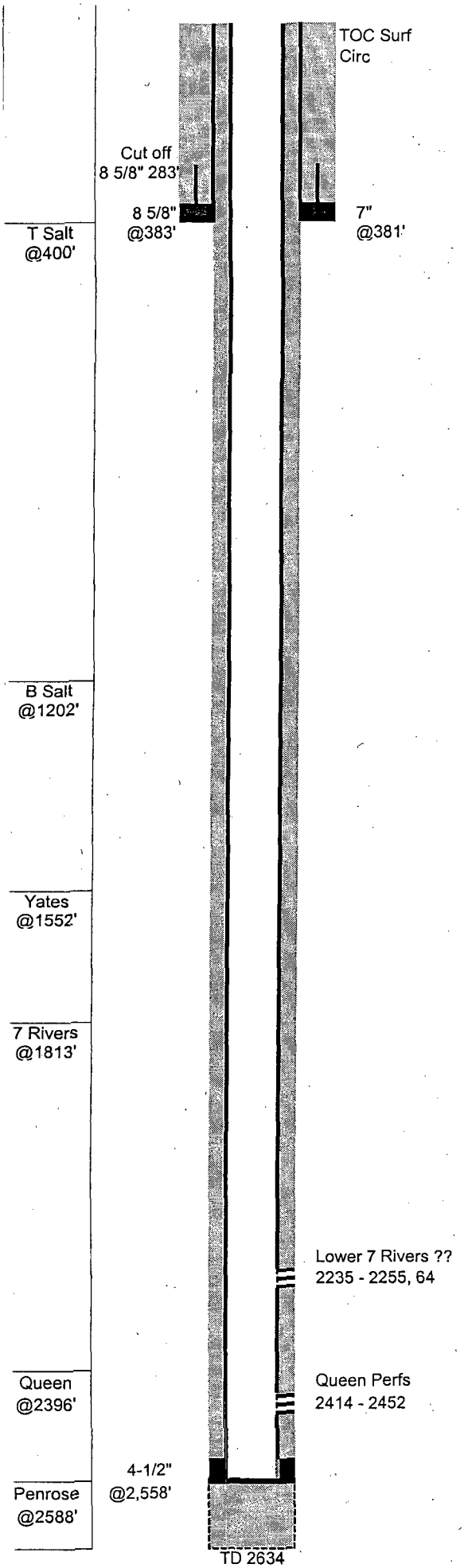
9-Jan-91 **Queen Completion**
Bridge plug at 2350'
Perf 2244,46,49,50,55,56,57,58,60,65,71,80,87,89,92,94 2 SPF 32 holes
acidized w/1000 gal 15% HCL
frac w/25Mgal gel wtr, 35M# 20/40, 15M# 12/20
Tst: Pump 5 BOPD

28-Jan-91 **7 Rivers + Completion**
Bridge plug at 1800'
Perf 1626,29,64,68,70,73,78,80,82,83, 1733,36 2 SPF 24 holes
acidized w/1000 gal 15% HCL
frac w/25Mgal x-linked gel, 35M# 20/40, 15M# 12/20 Avg 21bpm
1-Feb-91 IP: Pumping 6 BO 7 BW 165 MCF 24 hrs 27,500 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
The 7 Rivers perforations 1626'-1736' will be squeezed and the CIBP at 1800' will be drilled out. A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2200'

JMR

7/5/2007



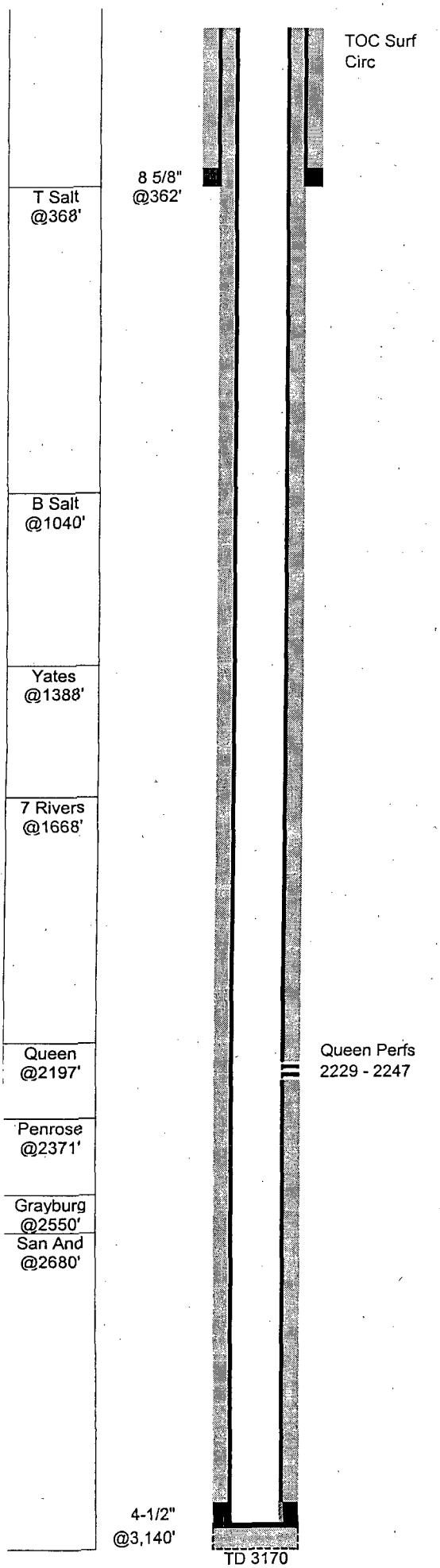
P.J. State A #22

GL:	3,417		**Status:**	Active pumping	
KB:	3,418		**Perfs:**	2235 - 2255,64,	2414 - 2452
TD:	2,634			Lwr 7 Rivers	Queen
PBD:	2,518	2,498	**API:**	30-015-03542	
Fr. Wtr:					
Legal:	2,310	from N	**NM Lse:**	B-7717	
	330	from E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)	
Section:	1-H				
Township:	19S		**Logs:**	cased hole CNL	
Range:	29E				
County:	Eddy		**Archeological:**		

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	J55	383	50	12-1/4"	283	csg pulled
7"	20.00		381	120	10&7-7/8	Surf	70' RM 9 yds
4-1/2"	10.50	J55	2,558	490	6-1/4"	Surf	Circ cmt

12-Nov-62	Spud well **Ray Smith - Leonard State B #1** TD'd 2634' dry
17-Dec-62	D&A - 25sx plug 2560-2634, 25sx plug 1138-1200, 25sx plug 338-400 pulled top 283' of 8-5/8" csg and marker installed
	Re-enter D&A hole
12-Oct-00	**Eastland - P.J. State A #22** Drld cmt 379' -391' and ran 7" csg, Drld w/6-1/4" bit cmt to 485', at 500' blew fluid OOH. Bridge at 415'.
7-Feb-01	TIH tag bridge at 417'. Drld cmt 1250-1320 and again blew fluid OOH. Bridge
2-Mar-01	at 1198'. Drld cmt 2379-2410 CO to TD of 2560' and ran 4-1/2" csg
6-Mar-01	**Queen Completion** TIH tag TD at 2494 should have been at 2528 Perf 2414-20,28-32,44-52 2 SPF 42 holes acidized w/1500 gal 15% HCL, Avg 3.3bpm 1700psi, ISIP 1150 15min 930 IP: Pumping 1 BO 26 BW 5MCF
21-Mar-01	**Lwr 7 Rivers ?? Completion** CIBP at 2389' w/35' cmt Perf 2235-55,64 2 SPF 44 holes acidized w/1000 gal 15% HCL frac w/18.7Mgal gel wtr, 9.9M# 16/30, screened out Avg 21bpm 2672psi SO 3500psi 15min 1328psi, Tag sand at 2275, circ sand out to 2348'
23-May-01	acidize Queen perf w/500 gal 15% HCL Avg 0.5bpm 1500psi, no oil or gas
29-Oct-01	**Reopen Queen Perfs and frac** Drld out CIBP at 2389 and circ hole clean to 2498' frac Penrose perfs 2414-52 down tbg w/23.2Mgal x-linked gel, 44.4M# 16/30 Avg 18bpm, CO sand to 2482' and put on pump

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
The 7 Rivers perforations 2235'-2264' will be squeezed. A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2365'



P.J. State B #1

GL:	3,360			**Status:**	Active pumping
KB:	3,368			**Perfs:**	2229 - 2247
TD:	3,170				
PBD:	3,130			**API:**	30-015-26095
Fr. Wtr:					
Legal:	330	from	N	**NM Lse:**	B-9739-15
	2,310	from	W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	11-C				
Township:	19S			**Logs:**	CNL, ZDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	J55	362	250	12-1/4"	Surf	10' RM 10 yds
4-1/2"	10.50	J55	3,140	750	7-7/8"	Surf	Circ 60 sx

7-Apr-89 Spud well
Fred Pool - P.J. State B #1

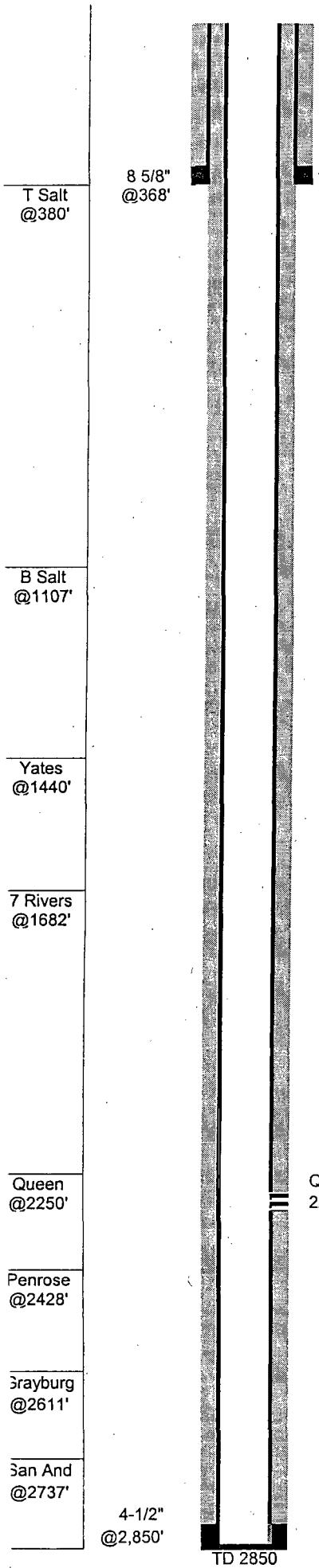
18-Apr-89 **Queen Completion**
Perf 2229-34, 2242-47 1 SPF 12 holes
acidized w/500 gal 15% HCL
frac w/25Mgal gel wtr, 25M# 20/40, 15M# 12/20
Avg 18bpm 2300psi, ISIP 1680 15min 1360

28-Apr-89 IP: Pumping 50 BO 16 BW 20 MCF 24 hrs 400 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2175'

JMR

7/5/2007



P.J. State B #2

GL:	3,379			**Status:**	Active pumping
KB:	3,385			**Perfs:**	2268 - 2301
TD:	2,850				
PBD:	2,810			**API:**	30-015-26120
Fr. Wtr:					
Legal:	330	from	N	**NM Lse:**	B-9739-15
	990	from	E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	11-A				
Township:	19S			**Logs:**	CNL, LDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		368	250	12-1/4"	Surf	15' RM 8 yds
4-1/2"	10.50	used	2,850	650	7-7/8"	Surf	Circ 10 sx

17-Jun-89 Spud well
Fred Pool - P.J. State B #2

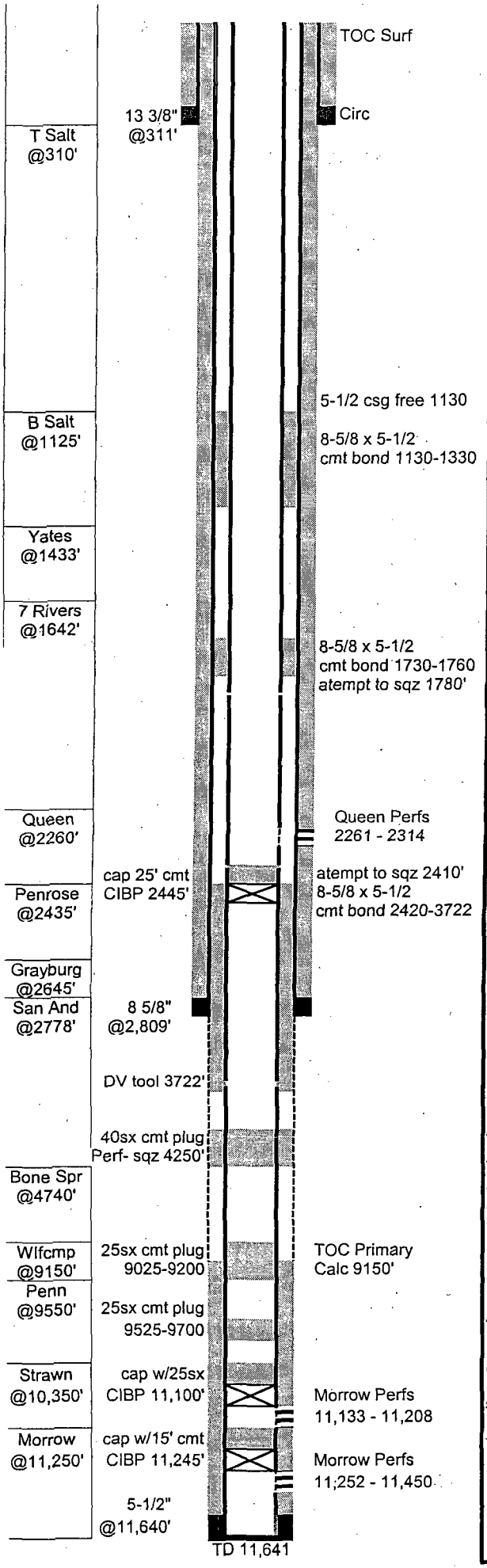
6-Jul-89 **Queen Completion**
Perf 2268-2301 21 holes
acidized w/1500 gal 15% HCL
frac w/28Mgal 30# x-linked gel, 21.6M# 20/40, 35.6M# 12/20
Avg 18bpm 300psi, ISIP 1700 15min 1500

11-Jul-89 IP: Pumping 44 BO 12 BW 20 MCF 24 hrs 32 API 455 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2225'

JMR

7/5/2007



BBOC State #1

GL:	3,374		**Status:**	Active pumping	
KB:	3,394		**Perfs:**	2261 - 2314	
TD:	11,641				
PBD:	11,480	2,420	**API:**	30-015-22957	
Fr. Wtr:					
Legal:	1,980	from N	**NM Lse:**	B-9739	
	1,980	from E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)	
Section:	11-G				
Township:	19S		**Logs:**	CNL, CDL, DLL (TD-2800)	
Range:	29E			cased CNL 2370-surf	
County:	Eddy		**Archeological:**		

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
13-3/8"	54.50	K55	311	500	17-1/2"	Surf	Circ RM 5 yds
8-5/8"	32.00	K55	2,809	2,150	11"	Surf	Circulated
5-1/2"	15.5, 17	K55, N80	11,640	600	7-7/8"	9150'	Calc
		DV tool	3,722	475	7-7/8"	2500'	Calc

4-Oct-79 *Spud well*
Tenneco - State "HL" 11 #2

17-Jan-80 **Morrow Completion**
Perf 11,252 - 11,450, natural completion
7-Feb-80 IP: CAOF 3.561 MMCFPD, dry GG 0.707, SITP 3314 psi

7-Aug-84 **PB Add New Morrow Perfs**
Set CIBP at 11,245 w/15' cmt
Perf 11,133-42, 11,204-08 4 SPF 4" csg gun, acidized w/2500gal 7.5% MorFlw
IP: no new potential

22-Aug-89 ***Plugged Back to 2420***
Set CIBP at 11,100 w/25sx cmt on top
Pump 25sx plug at 9700', pump 25sx plug at 9200'. Perf 4 sqz holes at 4250' and sqz'd w/40sx, ran free pt and csg free to 1130'. Set CIBP at 2445' w/25' cmt. Ran CBL 5-1/2" csg free 1760-2420, bonded 1730-1760, free 1330-1730, bonded 1130-1330', free 1130' to surf. Perf sqz holes at 1780 and 2410 to sqz between 8-5/8" and 5-1/2" csg, neither set would take fluid.

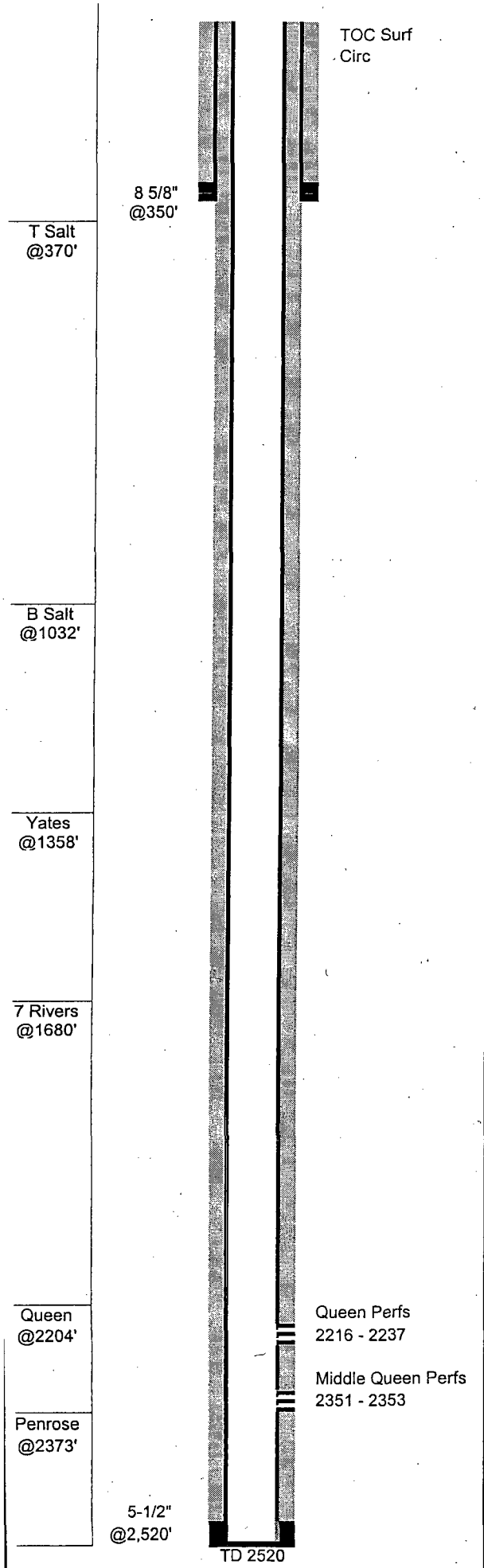
1-Sep-89 **Queen Completion**
Perf 2261,62,69,70,71,81,82,83,2307,8,9,13,14 13 holes 0.42"
acidized w/2000 gal 20% HCL & BS
frac w/40Mgal x-linked gel, 45M#20/40, 25M# 12/20
7-Sep-89 IP: Pumping 60 BO 0 BW 61 MCF 24 hrs 32 API 1,017 GOR

28-Jun-93 Filed proposal to perf 7 Rivers 1660 - 1692 no record of perfs

OPERATOR: Myco Industries, Inc.
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2210'

JMR

7/5/2007



BBOC State #3

GL:	3,360			**Status:**	Active pumping
KB:	3,368			**Perfs:**	2216 - 2237, 2351 - 2353
TD:	2,520				Queen Middle Queen
PBD:	2,474			**API:**	30-015-26235
Fr. Wtr:					
Legal:	990	from	N	**NM Lse:**	B-9739
	990	from	W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	11-D				
Township:	19S			**Logs:**	CNL, LDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	23.00	ST&C new	350	250	12-1/4"	Surf	Circ RM 8 yds
5-1/2"	14.00	J55 used	2,520	700	7-7/8"	Surf	Circ 100 sx

16-Dec-89 Spud well
Myco - BBOC State #3

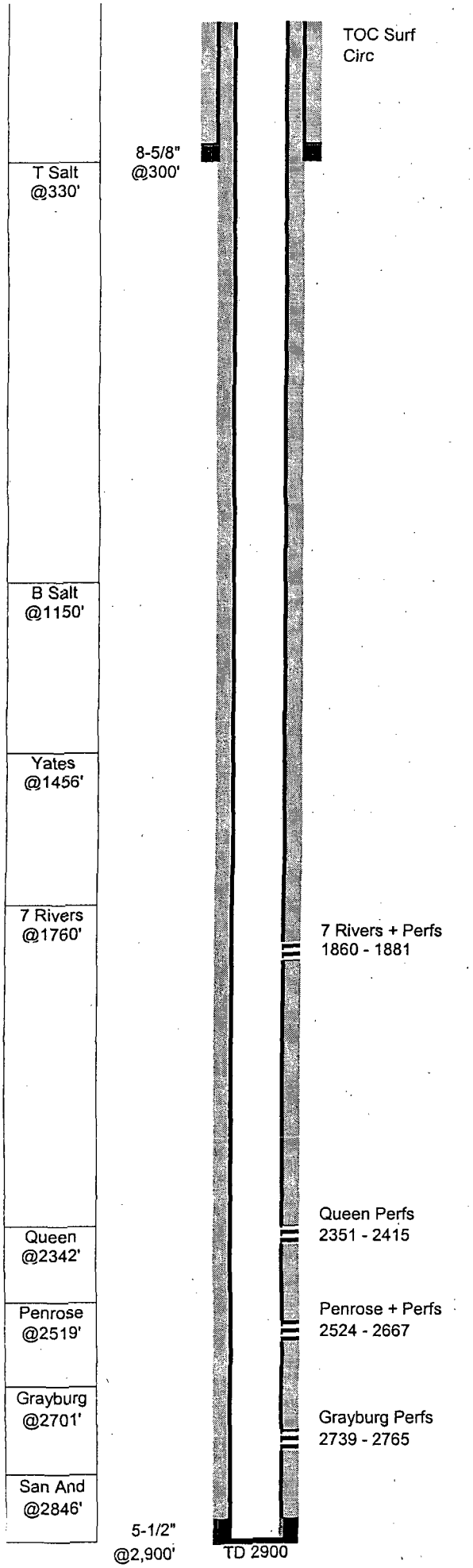
2-Jan-90 **Queen and Middle Queen Completion**
Perf 2216,21,23,27,29,31,33,35,37, 2351,53 11 holes 0.42"
acidized 2351-53 w/500 gal 15% HCL swabbed dry
acidized 2216-37 w/2500 gal 15% HCL
frac 2216-37 w/ 34Mgal 30# x-linked gel, 45M# 20/40, 20M# 12/20

13-Jan-90 IP: Pumping 41 BO 0 BW 41 MCF 24 hrs 35 API 1,000 GOR

OPERATOR: Myco Industries, Inc.
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A CIBP will be placed at 2300' above the Middle Queen perforations. A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2165'

JMR

7/5/2007



State "HL" 1 #3

GL:	3,423	**Status:**	Active pumping
KB:	3,432	**Perfs:**	1860 - 1881, 2351 - 2765
TD:	2,900		7 Rvrs, Qn, Penrose, Grayburg
PBD:	2,855	**API:**	30-015-24912
Fr. Wtr:			
Legal:	660 from N	**NM Lse:**	B-7717
	1,980 from E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-B		
Township:	19S	**Logs:**	CNL, LDL, DLL
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	K55 ST&C	300	250	12-1/4"	Surf	60' - Pea Grav
5-1/2"	15.50	K55 ST&C	2,900	675	7-7/8"	Surf	Circ 100 sx

29-Dec-84 Spud well
Tenneco Oil Co. - State "HL" 1 #3

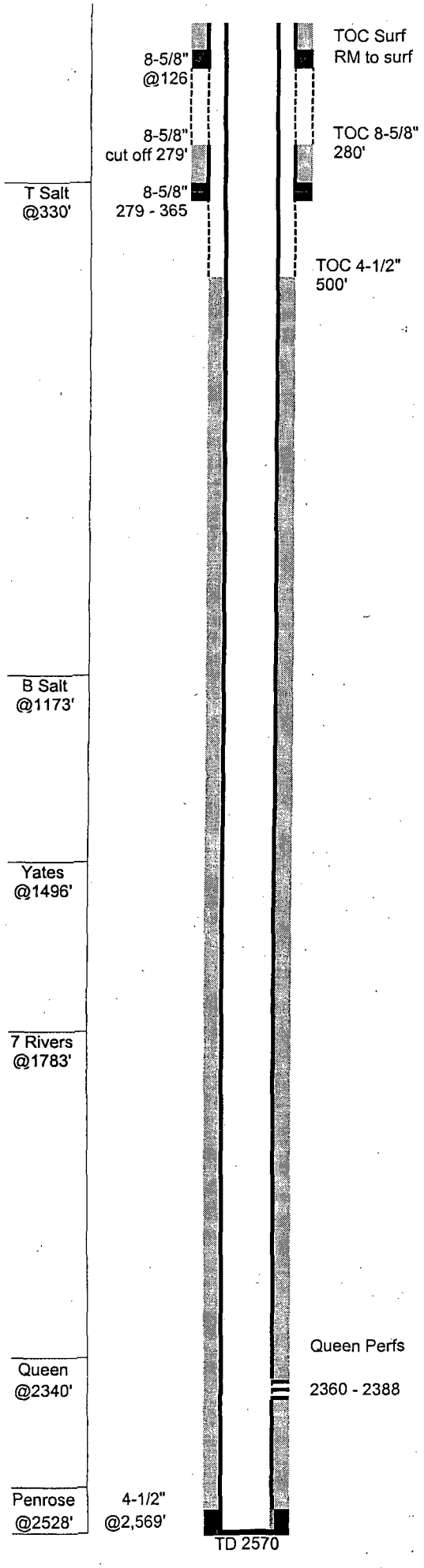
14-Feb-85 **Queen, Penrose and Grayburg Completion**
Perf Queen 2351,56,73,74,79,81-84,89-94,98,99, 2400,09,11,15
Perf Penrose 2524-27,33,34,70,72,73,75,76, 2608,11,13,15,57,61,64,67
Perf Grayburg 2739,41,43,60,62,65
frac w/55.8Mgal gelled fluid
Separate frac 30Mgal 135M# 20/40 2608-2765, tagged most went to 2608-15

8-May-85 IP: Pumping 22 BO 86 BW 39 MCF 24 hrs 1772 GOR

10-May-99 **7 Rivers Completion**
RBP at 2015'
Perf 1860-65, 76-81 4 SPF 40 holes with stimgun
IP: made 0 BO 5 BW and gas TSTM
Pulled RBP ran tbg and rods

19-May-99 Tagged TD at 2542

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
The 7 Rivers perforations 1860'-1881' will be squeezed and a CIBP will be placed at 2475' above the Penrose perforations. A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2300'



P.J. State A #9

GL:	3,412			**Status:**	Active pumping
KB:	3,418			**Perfs:**	2360 - 2388
TD:	2,570				
PBD:	2,516			**API:**	30-015-10235-0001
Fr. Wtr:					
Legal:	1,470	from S		**NM Lse:**	B-7717
	2,420	from W		**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-K				
Township:	19S			**Logs:**	CNL, LDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	28.00	used	365	50	10"	280	279' csg pulled
8-5/8"			126	RM10yd	9-7/8"	Surf	filled backside
7"			350	0	7-7/8"	csg run - pulled after 4-1/2	
4-1/2"	10.5		2,569	500	6-1/4"	500'	Temp Surv

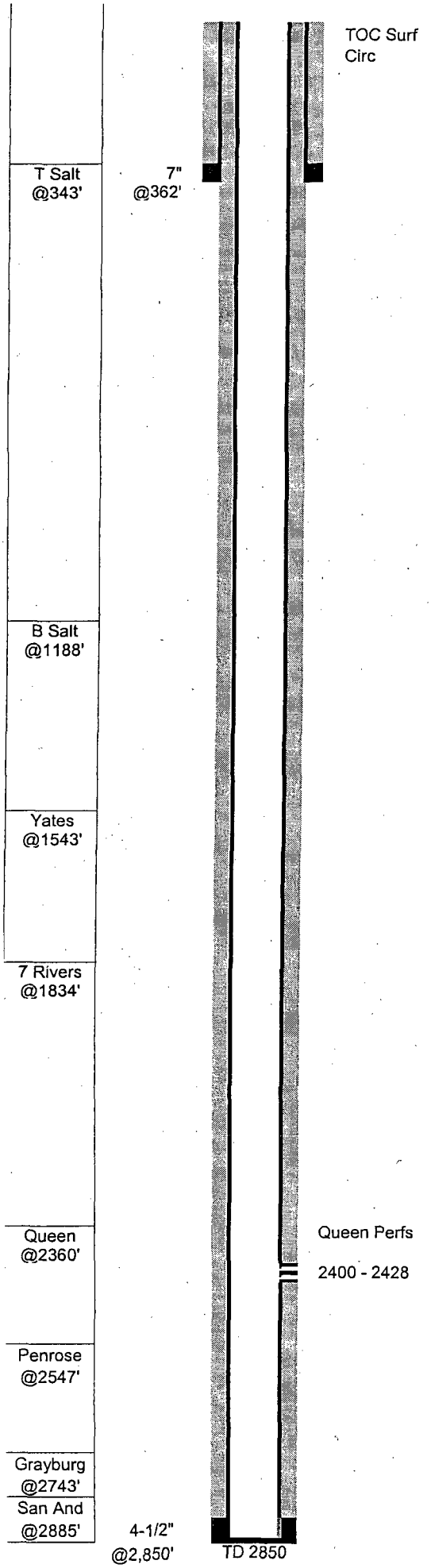
1-Nov-63 Spud well
Kersey & Co. - Leonard #1

29-Dec-63 D&A to 2570 - set 8-5/8" csg at 365', drld to 2570' w/8-1/4" bit
25 sx plug at 2570', 20 sx plug at 1173' Base of salt, 20 sx plug at 365' csg shoe
20sx plug at 365' surf csg shoe plug, mud between plugs
recovered 278.8' surf csg, mudded to surf and set 4" marker at surf

28-Jun-89 Reenter P&A well to 2570
Fred Pool - P.J. State A #9
CO to 162' w/ 9-7/8" bit, ran 126' 8-5/8" csg cmted w/10yds of ready mix to surf
CO to 350' w/7-7/8" bit and ran 350' 7" csg as a temporary conductor string
Drilled w/ 6-1/4" bit plugs at 365', 1173' and went to 2570'
CO to 2570' w/6-1/4" bit, ran 4-1/2" csg 2569', pulled 7" csg. cmt'd 4-1/2" csg

11-Jul-89 **Queen Completion**
Perf 2360-2388 12 holes 0.38"
acidized w/1500 gal 15% HCL
frac w/28Mgal gel wtr, 21.6M# 20/40, 35.6M# 12/20
15-Jul-89 IP: Pumping 22 BO 42 BW 10 MCF 24 hrs 32 API 454 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2310'



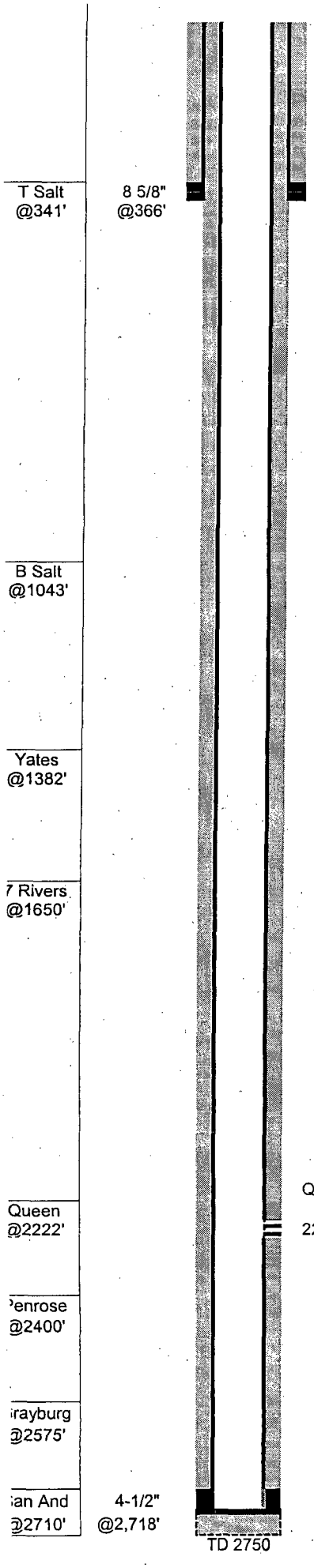
P.J. State A #12

GL:	3,421	**Status:**	Active pumping
KB:	3,427	**Perfs:**	2400 - 2428
TD:	2,850		
PBD:	2,809	**API:**	30-015-25888
Fr. Wtr:			
Legal:	1,650 from N	**NM Lse:**	B-7717
	990 from E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-H		
Township:	19S	**Logs:**	CNL, ZDL, DLL
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
7"	23.00	J55	362	300	9-7/8"	Surf	55' RM 5 yds
4-1/2"	9.50	J55 used	2,850	570	6-1/4"	Surf	Circ 132 sx

7-Jul-88	Spud well **Fred Pool - P.J. State A #12**
26-Jul-88	**Queen Completion** Perf 2400-2428 15 holes acidized w/2000 gal 15% HCL - Avg 3.8bpm 1750psi frac w/60Mgal gel wtr, 80M# 20/40, 42M# 12/20 Avg 30bpm 2500psi, ISIP 2200 15min 1520
2-Aug-88	IP: Pumping 25 BO 40 BW 13 MCF 24 hrs 36 API 500 GOR
25-Aug-88	CO sand to 2614

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2350'



P.J. State A #17

GL:	3,360			**Status:**	Active pumping
KB:	3,365			**Perfs:**	2257 - 2278
TD:	2,750				
PBD:	2,710			**API:**	30-015-26148
Fr. Wtr:					
Legal:	660	from	S	**NM Lse:**	B-7717
	1,980	from	E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	2-O				
Township:	19S			**Logs:**	CNL, LDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

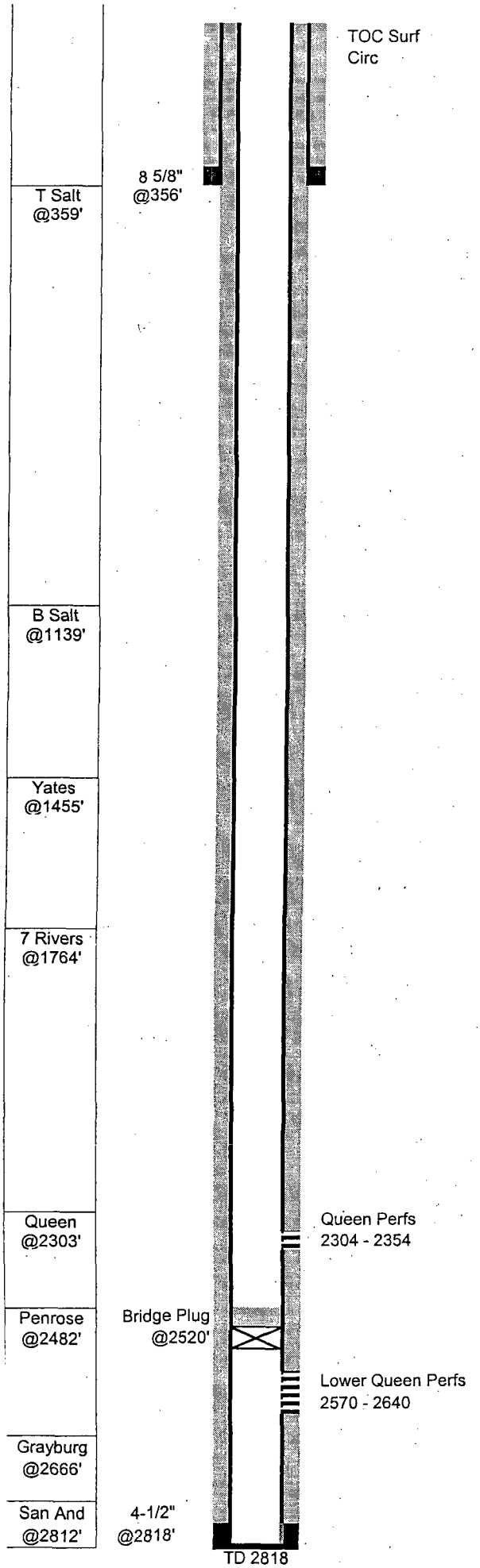
Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		366	300	12-1/4"	Surf	30' RM 4 yds
4-1/2"	9.50		2,718	850	7-7/8"	Surf	Circ 150 sx

21-Jul-89 Spud well
Fred Pool - P.J. State A #17

5-Aug-89 **Queen Completion**
Perf 2257-2278 22 holes
acidized w/1000 gal 15% HCL
frac w/30Mgal gel wtr, 33M# 20/40, 32M# 12/20
Avg 11bpm 2650psi, ISIP 1750 15min 1410

8-Aug-89 IP: Pumping 45 BO 5 BW 20 MCF 24 hrs 36 API 444 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2200'



P.J. State A #21

GL:	3,400			**Status:**	Active pumping
KB:	3,402			**Perfs:**	2304 - 2354
TD:	2,818				
PBD:	2,801	2,485		**API:**	30-015-30846
Fr. Wtr:					
Legal:	2,310	from N		**NM Lse:**	B-7717
	2,310	from W		**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-F				
Township:	19S			**Logs:**	CNL, LDL, IND
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	J55 new	356	300	12-1/4"	Surf	25' RM 2 yds
4-1/2"	10.50	K55 ST&C use	2,818	420	6-1/4" 8" to 774'	Surf	Circ 107 sx

21-Dec-99 Spud well
Eastland Oil - P.J. State A #21

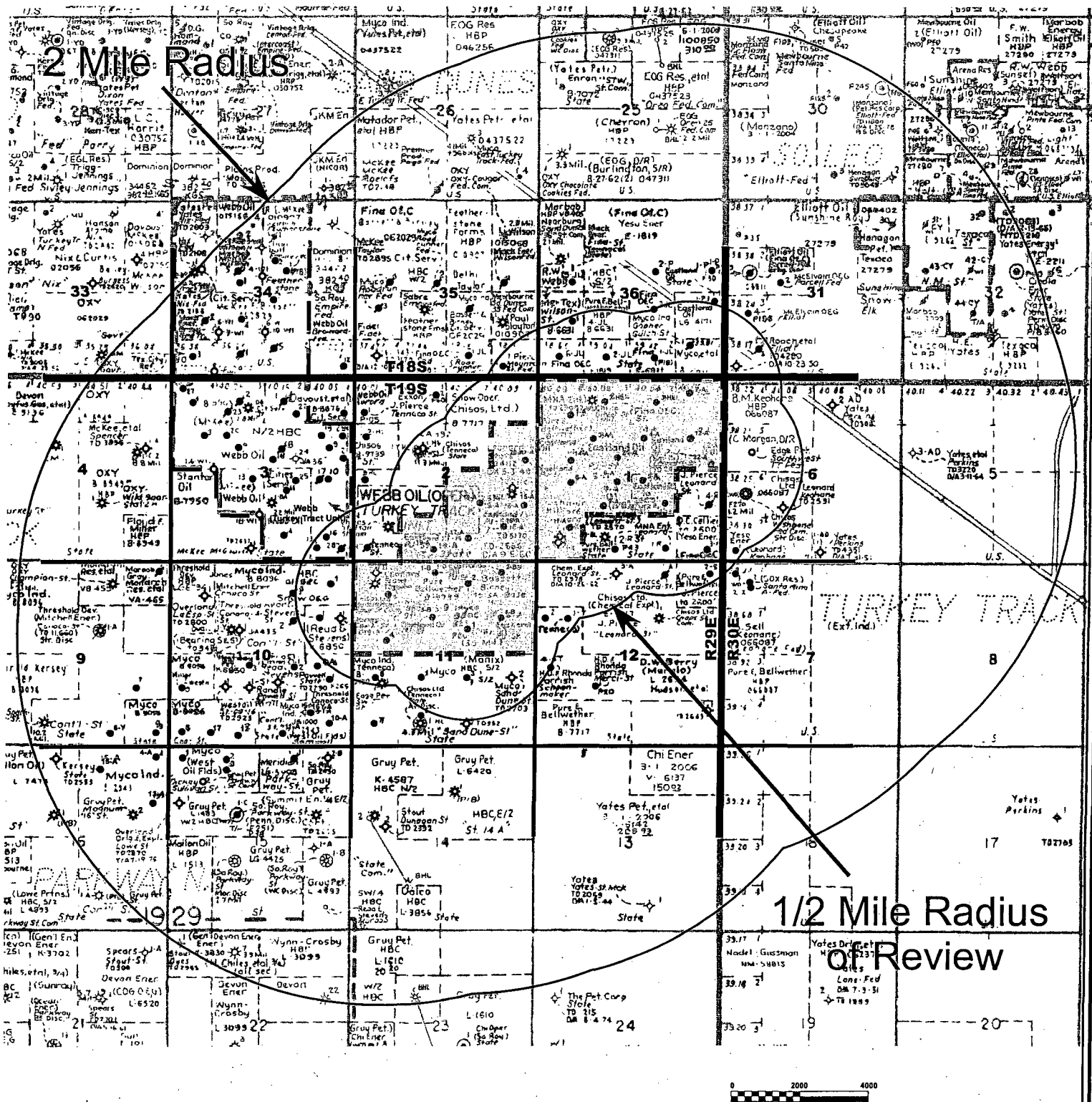
19-Jun-00 **Lower Queen Completion**
Perf 2570-78,85-92, 2616-22,26-32,34-40 2 SPF 71 holes 0.41" 3 1/8" csg gun
acidized w/3000 gal 15% HCL & BS, Avg 4bpm 1800psi, ISIP 1270 15min 1010
swab load back no oil or gas

21-Jun-00 **Queen Completion**
CIBP at 2520' w/35' cmt on top
Perf 2304-10,14-40,46-54 2 SPF 86 holes
acidized w/1000 gal 15% HCL & BS, Avg 2.6bpm 1400psi, ISIP 700 15min vac
frac w/21Mgal gel wtr, 47M# 16/30, Avg 30bpm 1175psi, ISIP 1360 15min 938
13-Jul-00 IP: Pumping 30 BO 5 BW 20 MCF 24 hrs 34.8 API 667 GOR

OPERATOR: Eastland Oil Company
INJECTION FORMATION: Queen Sand (Unitized Interval)
FIELD: Turkey Track (Sr-Qn-Gb-Sa)
7-Rivers produces in the area approximately 600' shallower
Middle Queen, Penrose, Grayburg and San Andres produce in the area anywhere from 50' to 500' lower
Well was originally a producer and will be converted to injection.
A plastic coated Model AD-1 Tension Packer will be run on 2 3/8" internally plastic coated tubing and set approximately 50' above the Queen perforations
APPROX PACKER DEPTH: 2250'

JMR

7/5/2007



Beach Exploration, Inc.

EASTLAND QUEEN UNIT

EDDY COUNTY, NEW MEXICO

Form C108 Item V

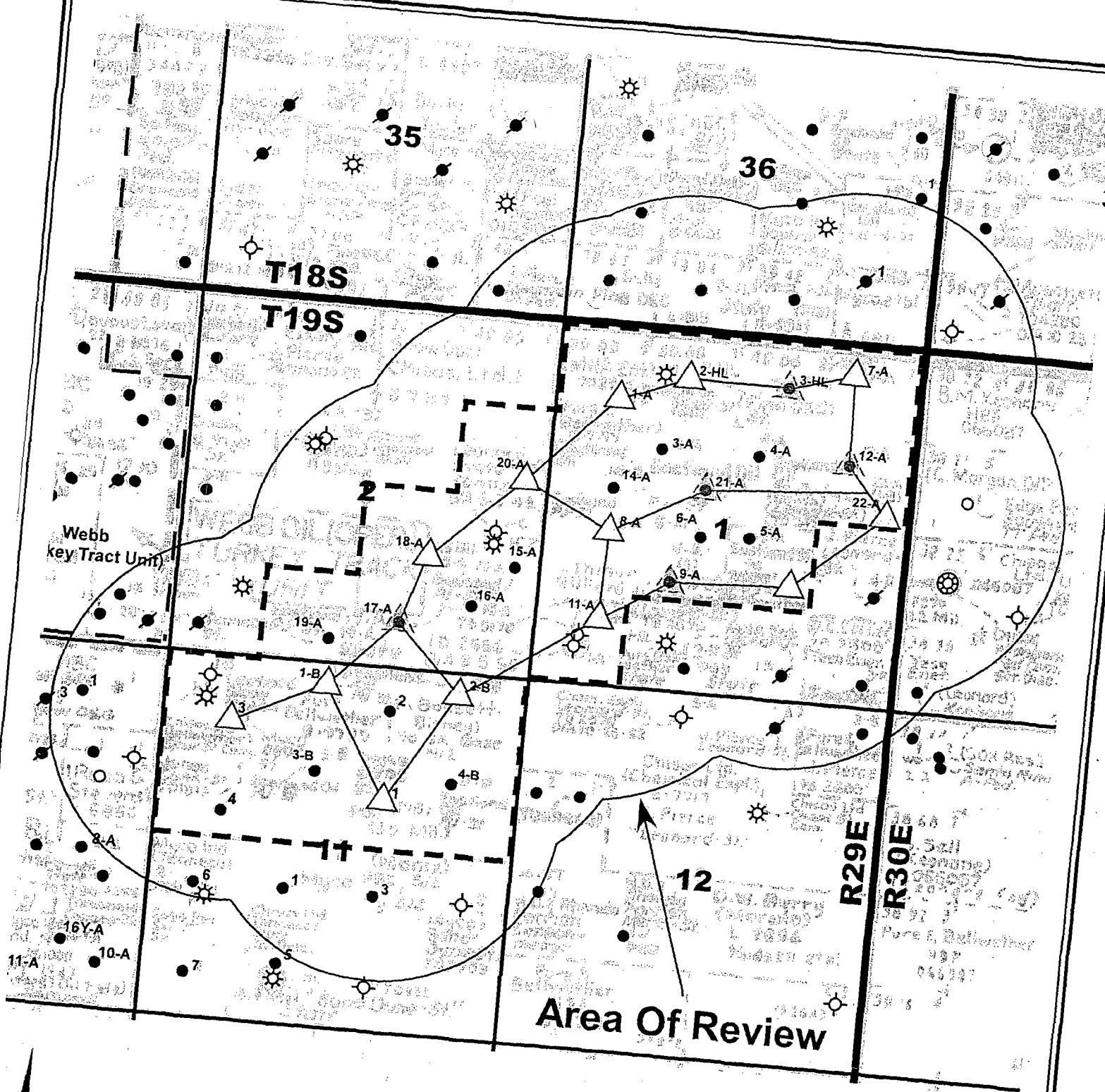
2 Mile Radius and
AREA OF REVIEW
1/2 mile Injector Radius

Beach Exploration, Inc.

GEOLOGY :

ENGINEERING :

SCALE :1in. = 4000 ft.



0 1000 2000

N

△ Injection Well Phase I

△ Injection Well Phase II

Beach Exploration, Inc.

Beach Exploration, Inc.
EASTLAND QUEEN UNIT
EDDY COUNTY, NEW MEXICO

Form C108 Item V

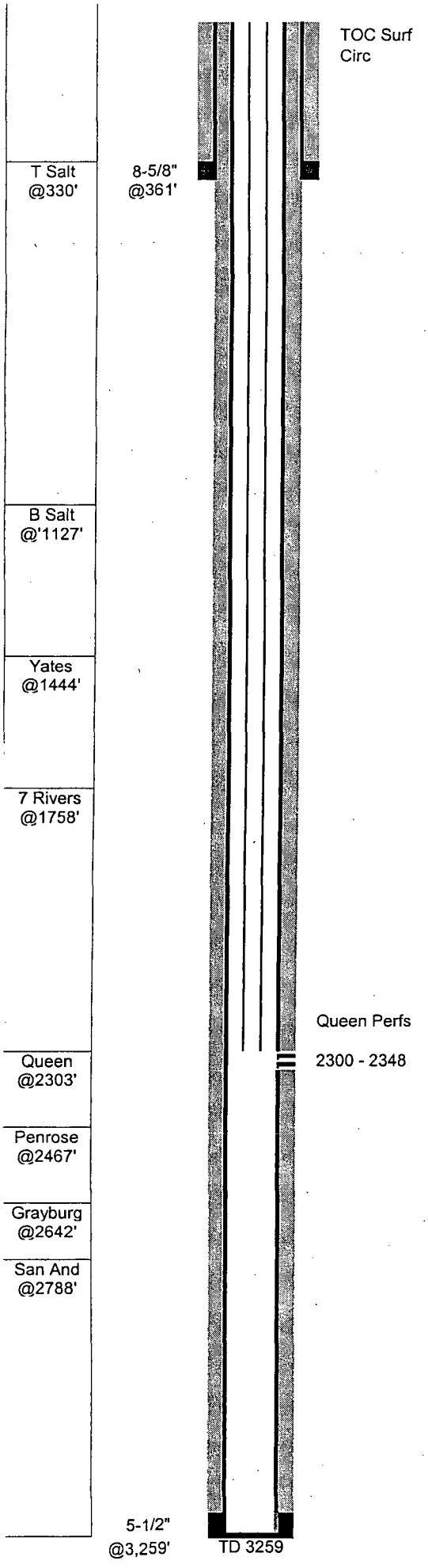
AREA OF REVIEW
1/2 mile Injector Radius

GEOLOGY :
ENGINEERING :

SCALE : 1in. = 2000 ft.

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Unit Producing Wells (wellbore schematics attached)
Form C-108, Item VI

Operator	Lease & Well #	Location	Sec.-Unit, Twp., Rge.
	PHASE I		
1. Eastland Oil Company	P.J. State A #3	1650' FNL 1650' FWL	1-F, 19S, 29E
2. Eastland Oil Company	P.J. State A #4	1650' FNL 2310' FEL	1-G, 19S, 29E
3. Eastland Oil Company	P.J. State A #5	2310' FSL 2310' FEL	1-J, 19S, 29E
4. Eastland Oil Company	P.J. State A #6	2310' FSL 2310' FWL	1-K, 19S, 29E
5. Eastland Oil Company	P.J. State A #14	2310' FNL 990' FWL	1-E, 19S, 29E
6. Eastland Oil Company	P.J. State A #15	1650' FSL 330' FEL	2-I, 19S, 29E
7. Eastland Oil Company	P.J. State A #16	990' FSL 990' FEL	2-P, 19S, 29E
8. Eastland Oil Company	P.J. State A #19	330' FSL 2310' FWL	2-N, 19S, 29E
9. Eastland Oil Company	P.J. State B #3	1650' FNL 2310' FWL	11-F, 19S, 29E
10. Eastland Oil Company	P.J. State B #4	1650' FNL 990' FEL	11-H, 19S, 29E
11. Myco Industries, Inc.	BBOC State #2	660' FNL 1980' FEL	11-B, 19S, 29E
12. Myco Industries, Inc.	BBOC State #4	2310' FNL 990' FWL	11-E, 19S, 29E



P.J. State A #3

GL:	3,401			**Status:**	Active pumping
KB:	3,411			**Perfs:**	2300 - 2348
TD:	3,259				
PBD:	3,219			**API:**	30-015-25694
Fr. Wtr:					
Legal:	1,650	from	N	**NM Lse:**	B-7717
	1,650	from	W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-F				
Township:	19S			**Logs:**	CNL, LDT, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		361	250	12-1/4"	Surf	48' Top RM
5-1/2"	15.50	LT&C	3,259	650	7-7/8"	Surf	Circ 75 sx

27-Dec-86 Spud well
Fred Pool - P.J. State A #3

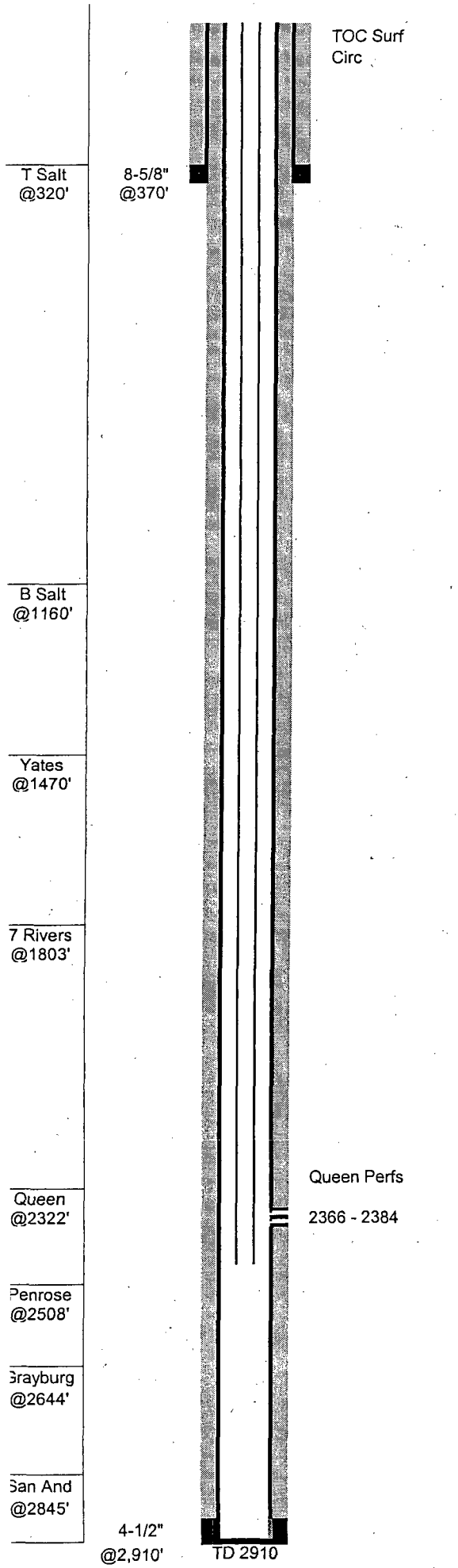
28-Jan-87 **Queen Completion**
Perf 2300-16, 2336-48 20 holes
acidized w/1,000 gal 15% HCL w/50 BS Avg 3.5bpm 1600psi
frac 37Mgal gel wtr, 15Mgal CO2, 60M# 20/40, 32M# 12/20 Avg 40bpm 2000psi
3-Feb-87 IP: Pumping 55 BO 10 BW 70 MCF 24 hrs 1272 GOR

TUBING STRING (assumed from rod string)

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		10.00	0.00	10.00
72	2-3/8 EUE 8rd J-55 4.7# Tbg	2288.00	10.00	2298.00
1	2-3/8 X 1-25/32 SN	1.10	2298.00	2299.10
1	Perf Sub	3.00	2299.10	2302.10
1	2-3/8 Mud Anchor	31.50	2302.10	2333.60

ROD STRING 4/19/01

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w8' liner	16
5	3/4	Pony Rods 4,4,6,6,2	22
90	3/4	Rods	2250
1	2X1.25X10	RWTC pump w/1"x6' GA	10
			2298



P.J. State A #4

GL:	3,408	**Status:**	Active pumping
KB:	3,416	**Perfs:**	2366 - 2384
TD:	2,910		
PBD:	2,870	**API:**	30-015-25737
Fr. Wtr:			
Legal:	1,650 from N	**NM Lse:**	B-7717
	2,310 from E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-G		
Township:	19S	**Logs:**	CNL, FDC, DLL
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		370	250	12-1/4"	Surf	45' RM 24 yds
4-1/2"	9.50		2,910	850	7-7/8"	Surf	Circ 37 sx

14-Mar-87 Spud well
Fred Pool - P.J. State A #4

27-Mar-87 **Queen Completion**
Perf 2366-84 15 holes
acidized w/1,000 gal 15% HCL
frac 30Mgal gel wtr, 10Mgal CO2, 60M# 20/40, 32M# 12/20

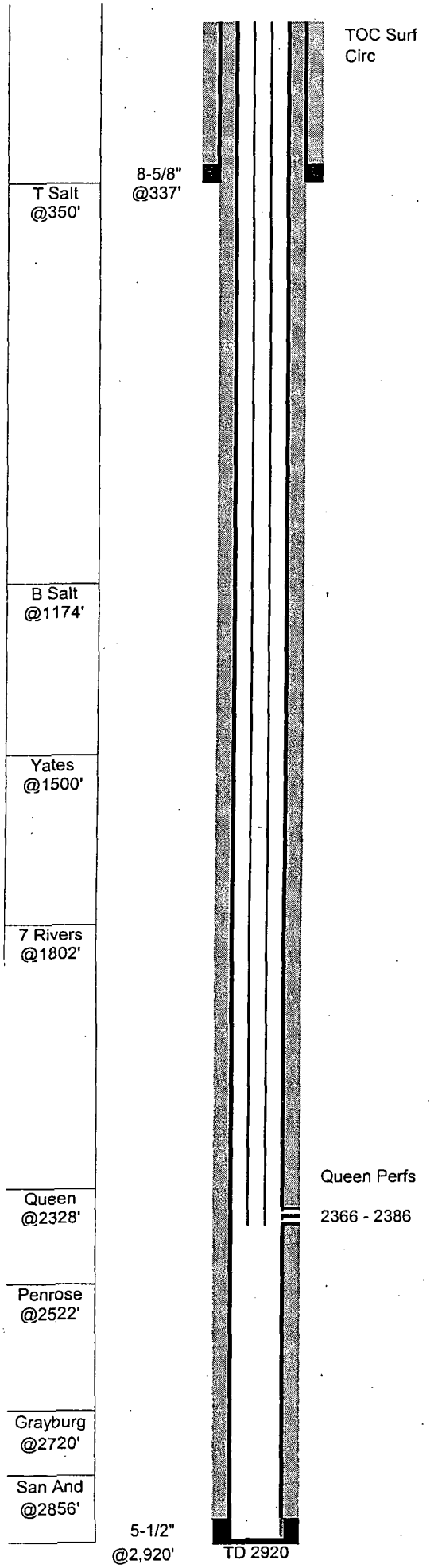
1-Apr-87 IP: Pumping 55 BO 0 BW 60 MCF 24 hrs 1090 GOR

TUBING STRING 8/18/93

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		8.00	0.00	8.00
77	2-3/8 EUE 8rd J-55 4.7# Tbg	2396.00	8.00	2404.00
1	2-3/8 X 1-25/32 SN	1.10	2404.00	2405.10
1	Perf Sub	3.00	2405.10	2408.10
1	2-3/8 Mud Anchor	31.00	2408.10	2439.10

ROD STRING 8/18/93

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w/ liner	16
4	3/4	Pony Rods 4,4,4,6	18
94	3/4	Rods	2350
1	2X1.5X12	RWTC pump w/1"x6' GA	12
			2396



P.J. State A #5

GL:	3,406	**Status:**	Active pumping
KB:	3,414	**Perfs:**	2366 - 2386
TD:	2,920		
PBD:	2,880	**API:**	30-015-25753
Fr. Wtr:			
Legal:	2,310 from S	**NM Lse:**	B-7717
	2,310 from E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-J		
Township:	19S	**Logs:**	CNL, FDC, DLL
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	28.00	New	337	300	12-1/4"	Surf	52' RM 10 yds
5-1/2"	15.50	J55	2,920	970	7-7/8"	Surf	Circ 95 sx

11-Jun-87 Spud well
Fred Pool - P.J. State A #5

29-Jun-87 **Queen Completion**
Perf 2366-86 16 holes
acidized w/1,000 gal 15% HCL
frac w/30Mgal gel wtr, 10Mgal CO2, 56M# 20/40, 32M# 12/20

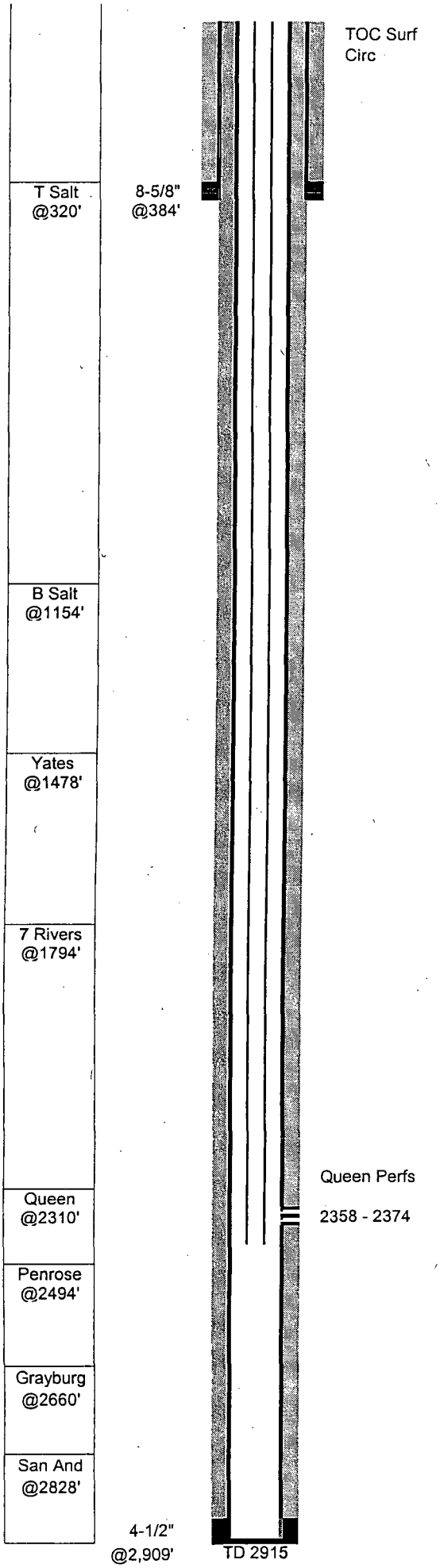
3-Jul-87 IP: Pumping 84 BO 14 BW 75 MCF 24 hrs 893 GOR

TUBING STRING (assumed from rod string)

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		8.00	0.00	8.00
76	2-3/8 EUE 8rd J-55 4.7# Tbg	2412.00	8.00	2420.00
1	2-3/8 X 1-25/32 SN	1.10	2420.00	2421.10
1	Perf Sub	3.00	2421.10	2424.10
1	2-3/8 Mud Anchor	31.50	2424.10	2455.60

ROD STRING 3/2/96

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w/8' liner	16
5	3/4	Pony Rods 2,2,4,4,6	18
95	3/4	Rods	2375
1	2X1.5X12	RWTC pump w/1"x6' GA	12
			2421



P.J. State A #6

GL:	3,398			**Status:**	Active pumping
KB:	3,404			**Perfs:**	2358 - 2374
TD:	2,915				
PBD:	2,885			**API:**	30-015-25795
Fr. Wtr:					
Legal:	2,310	from	S	**NM Lse:**	B-7717
	2,310	from	W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	1-K				
Township:	19S			**Logs:**	CNL, LDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	New	384	300	12-1/4"	Surf	Circ ??
4-1/2"	9.50	ST&C	2,909	1,000	7-7/8"	Surf	Circ 20 sx

5-Sep-87 Spud well
Fred Pool - P.J. State A #6

18-Sep-87 **Queen Completion**
Perf 2358-74 17 holes
acidized w/1000 gal 15% HCL
frac w/30Mgal gel 2% KCL, 10Mgal CO2, 55M# 20/40, 33M# 12/20
Avg 26 bpm 2200psi, ISIP 1670 15min 1350

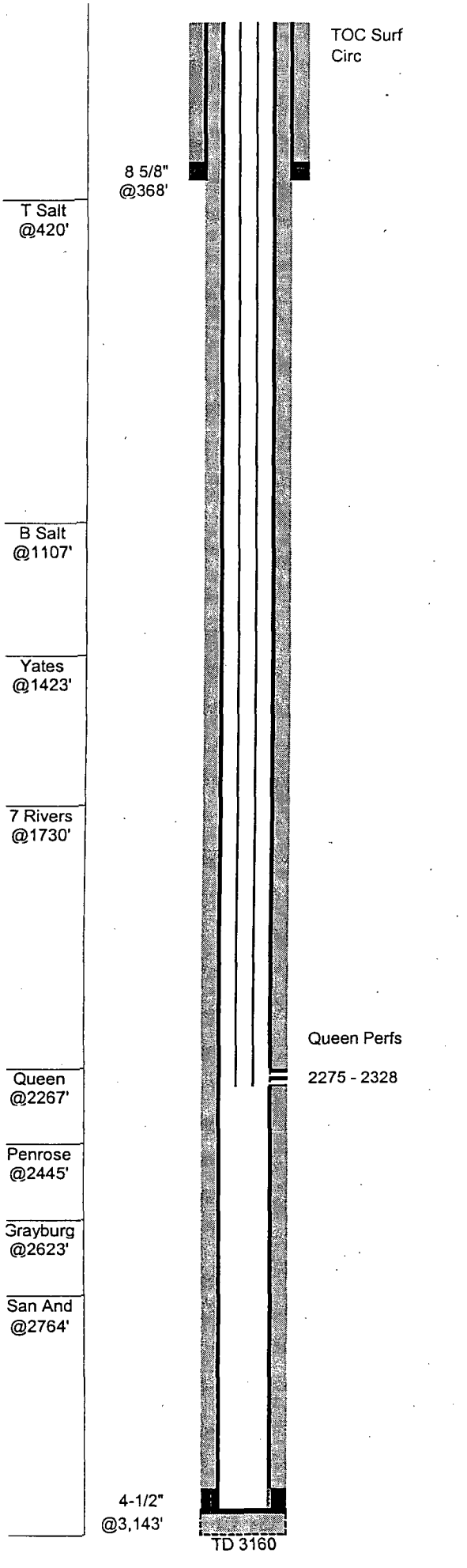
23-Sep-87 IP: Pumping 40 BO 10 BW 30 MCF 24 hrs 750 GOR

TUBING STRING 4/18/01

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		6.00	0.00	6.00
75	2-3/8 EUE 8rd J-55 4.7# Tbg	2388.00	6.00	2394.00
1	2-3/8 X 1-25/32 SN	1.10	2394.00	2395.10
1	Perf Sub	3.00	2395.10	2398.10
1	2-3/8 Mud Anchor	31.50	2398.10	2429.60

ROD STRING 4/18/01

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w/6' liner	16
4	3/4	Pony Rods 6,6,4,2	18
94	3/4	Rods	2350
1	2X1.25X10	RWTC pump w/1"x6' GA	10
			2394



P.J. State A #14

GL:	3,390	log wrong 3,398	**Status:**	Active pumping	
KB:	3,398	log wrong 3,406	**Perfs:**	2275 - 2328	
TD:	3,160				
PBD:	3,120		**API:**	30-015-25932	
Fr. Wtr:					
Legal:	2,310	from N	**NM Lse:**	B-7717	
	990	from W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)	
Section:	1-E				
Township:	19S		**Logs:**	CNL, ZDL, DLL	
Range:	29E			log elevations are wrong	
County:	Eddy		**Archeological:**		

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		368	300	12-1/4"	Surf	Circ
4-1/2"	9.50	J55	3,143	900	7-7/8"	Surf	Circ 56 sx

17-Oct-88 Spud well
Fred Pool - P.J. State A #14

1-Nov-88 **Queen Completion**
Perf 2275-2328 14 holes
acidized w/2000 gal 15% HCL
frac w/59Mgal gel wtr, 80M# 20/40, 42M# 12/20
Avg 30bpm 2250psi, ISIP 1920 15min 1350

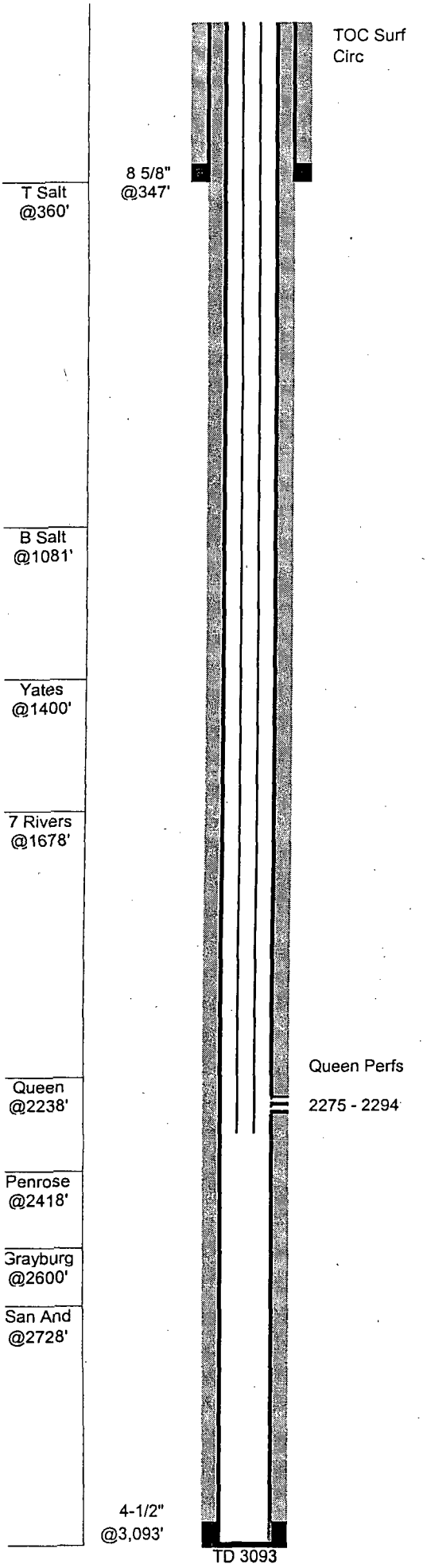
8-Nov-88 IP: Pumping 30 BO 45 BW 20 MCF 24 hrs 36 API 666 GOR

TUBING STRING (assumed from rod string)

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		8.00	0.00	8.00
75	2-3/8 EUE 8rd J-55 4.7# Tbg	2355.00	8.00	2363.00
1	2-3/8 X 1-25/32 SN	1.10	2363.00	2364.10
1	Perf Sub	3.00	2364.10	2367.10
1	2-3/8 Mud Anchor	31.50	2367.10	2398.60

ROD STRING 9/24/96

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w/8' liner	16
3	3/4	Pony Rods 6,2,2	10
93	3/4	Rods	2325
1	2X1.5X12	RWTC pump w/1"x6' GA	12
			2363



P.J. State A #15

GL:	3,368	log wrong 3,387	**Status:**	Active pumping	
KB:	3,376	log wrong 3,395	**Perfs:**	2275 - 2294	
TD:	3,093				
PBD:	3,043		**API:**	30-015-26052	
Fr. Wtr:					
Legal:	1,650	from S	**NM Lse:**	B-7717	
	330	from E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)	
Section:	2-I				
Township:	19S		**Logs:**	CNL, LDL, DLL	
Range:	29E			log elevations wrong	
County:	Eddy		**Archeological:**		

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	J55	347	250	12-1/4"	Surf	40' RM 6 yds
4-1/2"	9.50		3,093	950	7-7/8"	Surf	Circ 140 sx

24-Jan-89 Spud well
Fred Pool - P.J. State A #15

6-Feb-89 **Queen Completion**
Perf 2275-2294 19 holes
acidized w/500 gal 15% HCL
frac w/37.4Mgal gel wtr, 45M# 20/40, 20M# 12/20

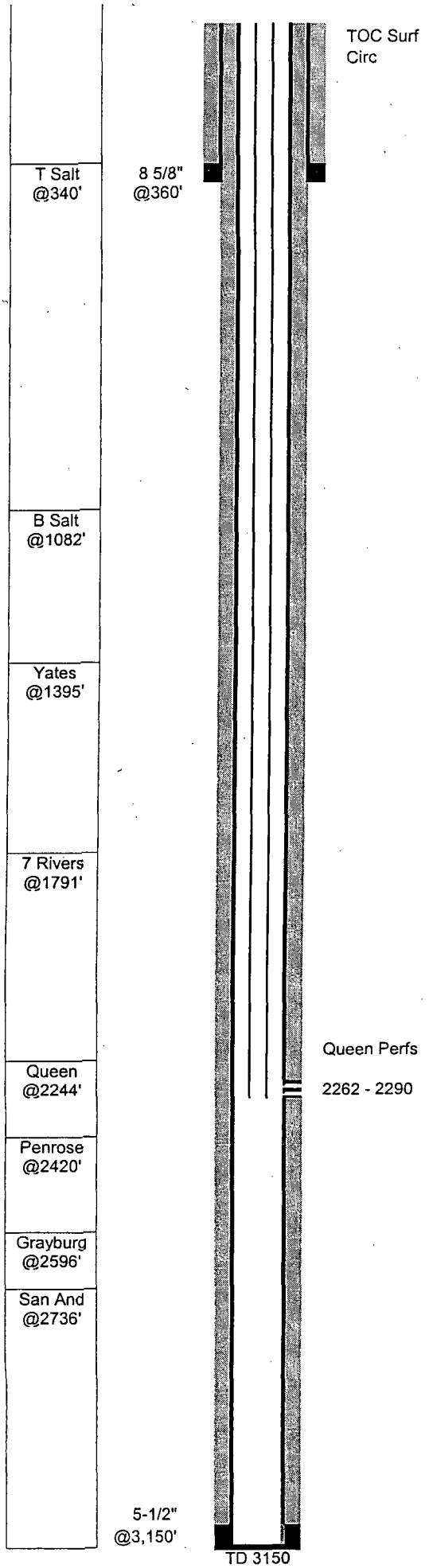
14-Feb-89 IP: Pumping 40 BO 22 BW 20 MCF 24 hrs 36 API 500 GOR

TUBING STRING (assumed from rod string)

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		8.00	0.00	8.00
73	2-3/8 EUE 8rd J-55 4.7# Tbg	2307.00	8.00	2315.00
1	2-3/8 X 1-25/32 SN	1.10	2315.00	2316.10
1	Perf Sub	3.00	2316.10	2319.10
1	2-3/8 Mud Anchor	31.50	2319.10	2350.60

ROD STRING 9/13/96

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w/8' liner	16
3	3/4	Pony Rods 6,4,2	12
91	3/4	Rods	2275
1	2X1.5X12	RWTC pump w/1"x6' GA	12
			2315



P.J. State A #16

GL:	3,364	**Status:**	Active pumping
KB:	3,373	**Perfs:**	2262 - 2290
TD:	3,150		
PBD:	3,100	**API:**	30-015-26104
Fr. Wtr:			
Legal:	990 from S	**NM Lse:**	B-7717
	990 from E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	2-P		
Township:	19S	**Logs:**	CNL, FDC, DLL, RXO
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	J55	360	300	12-1/4"	Surf	did not circ RM?
5-1/2"	15.50	J55 used	3,150	600	7-7/8"	Surf	Circ 109 sx

25-Apr-89 Spud well
Fred Pool - P.J. State A #16

8-May-89 **Queen Completion**
Perf 2262-2290 1 SPF 29 holes 0.41"
acidized w/500 gal 15% HCL
frac w/40Mgal gel wtr, 30M# 20/40, 54M# 12/20

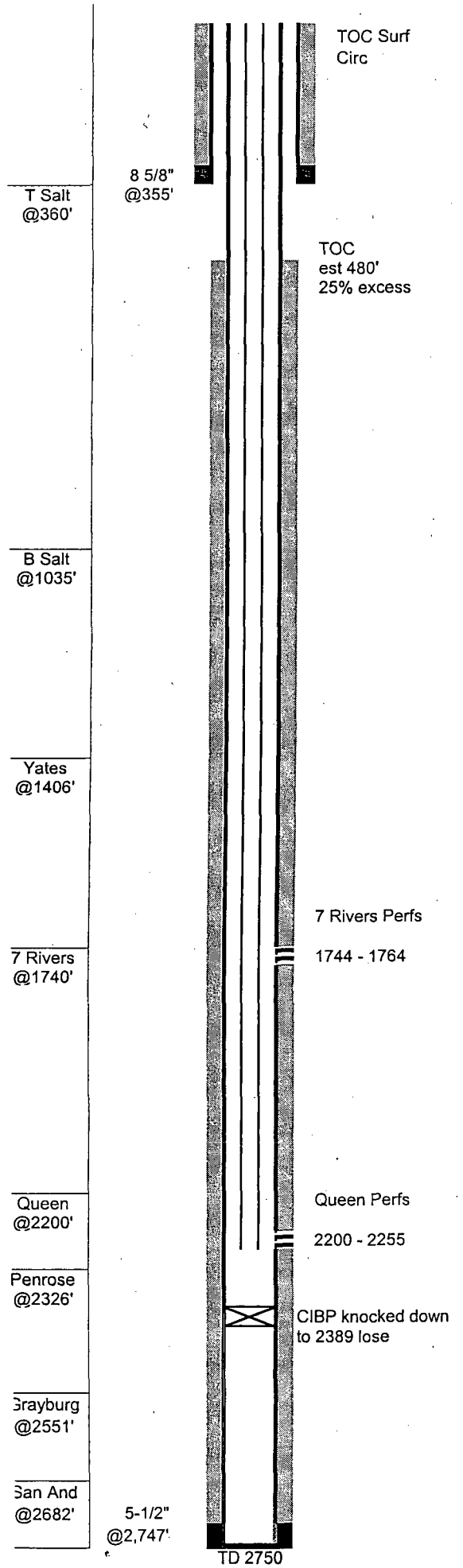
12-May-89 IP: Pumping 55 BO 15 BW 28 MCF 24 hrs 36 API 509 GOR

TUBING STRING 9/23/96

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		9.00	0.00	9.00
76	2-3/8 EUE 8rd J-55 4.7# Tbg	2375.00	9.00	2384.00
1	2-3/8 X 1-25/32 SN	1.10	2384.00	2385.10
1	Perf Sub	3.00	2385.10	2388.10
1	2-3/8 Mud Anchor	30.00	2388.10	2418.10

ROD STRING 9/23/96

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w/8' liner	16
5	3/4	Pony Rods 6,6,6,4,2	24
93	3/4	Rods	2325
1	2X1.5X12	RWTC pump w/1"x6' GA	12
			2377



P.J. State A #19

GL:	3,356			**Status:**	Active pumping
KB:	3,364			**Perfs:**	1744 - 1764, 2200 - 2255
TD:	2,750				7 Rivers, Queen
PBD:	2,707	2,389		**API:**	30-015-26312
Fr. Wtr:					
Legal:	330	from	S	**NM Lse:**	B-7717
	2,310	from	W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	2-N				
Township:	19S			**Logs:**	CNL, ZDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		355	300	11"	Surf	45' RM 20 yds
5-1/2"	15.50	1492' J55	2,747	375	7-7/8"	est 480'	did not circ
5-1/2"	14.5	1243'					

9-Apr-90 Spud well
Fred Pool - P.J. State A #19

25-Apr-90 **Queen Completion**
Perf 2200-2255 16 holes
acidized w/500 gal 15% HCL
frac w/38.5Mgal x-linked gel, 66M# 12/20
Avg 30bpm 2050psi, ISIP 1510 15min 1380

1-May-90 IP: Pumping 55 BO 10 BW 60 MCF 24 hrs 34 API 1090 GOR

13-Oct-92 **7 Rivers Completion**
Set CIBP at 1850', ran correl log
Perf 1744-46,51-64 1 SPF 17 holes
acidized w/1500 gal 7.5% NEFE w/34 BS, ATP 1250, ISIP 1020 15min 900
frac w/20Mgal x-linked gel, 30M# 20/40, 8M# 12/20
Avg 18.3bpm 1409psi, ISIP 1290 15min 1174
Test 1 BF w/ skim of oil and 2 MCF w/161 BLWTR

12-Dec-92 **Commingle 7 Rivers and Queen**
RIH w/bailer and knocked plug lose at 1850'. Left bailer & wireline in hole fished 6 days. Got wireline & bailer out - est plug at 2389'

Plug is most likely still at 2389' lose

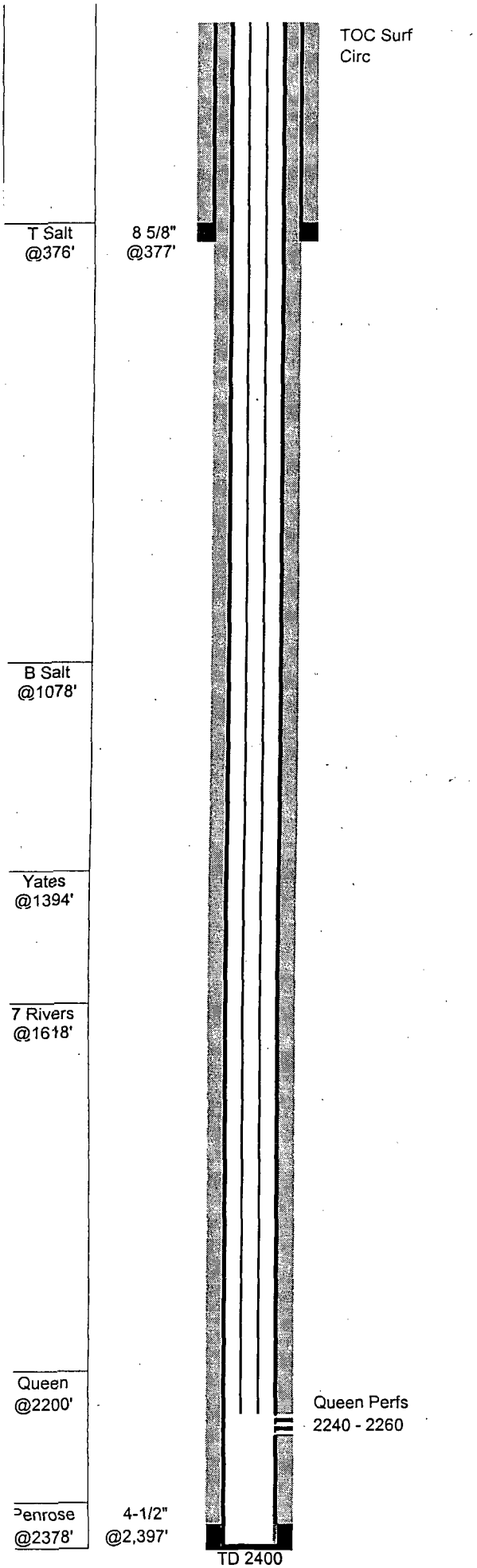
This will be a Unit producing well. The 7 Rivers perforations 1744'-1764' will be squeezed.

TUBING STRING 12/12/92 Probable string

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		8.00	0.00	8.00
72	2-3/8 EUE 8rd J-55 4.7# Tbg	2269.00	8.00	2277.00
1	2-3/8 X 1-25/32 SN	1.10	2277.00	2278.10
1	Perf Sub	3.00	2278.10	2281.10
1	2-3/8 Mud Anchor	31.00	2281.10	2312.10

ROD STRING 12/12/92 Probable string

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w/ liner	16
0	3/4	Pony Rods	0
90	3/4	Rods	2250
1	2X1.5X12	RWTC pump w/1"x6' GA	12
			2278



P.J. State B #3

GL:	3,369	**Status:**	Active pumping
KB:	3,377	**Perfs:**	2240 - 2260
TD:	2,400		
PBD:	2,360	**API:**	30-015-26186
Fr. Wtr:			
Legal:	1,650 from N	**NM Lse:**	B-7939-15
	2,310 from W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	11-F		
Township:	19S	**Logs:**	CNL, ZDL, DLL
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	J55 new	377	300	12-1/4"	Surf	71' RM 5.5 yds
4-1/2"	11.60	J55	2,397	720	7-7/8"	Surf	Circ 10 sx

12-Oct-89 Spud well
Fred Pool - P.J. State B #3

24-Oct-89 **Queen Completion**
Perf 2240-2260 11 holes
acidized w/1000 gal 7.5% HCL & 22 BS, Avg 3bpm 1600psi
frac w/37.5Mgal YF130, 75.2M# 12/20
Avg 20bpm 2200psi, ISIP 1950 15min 1480

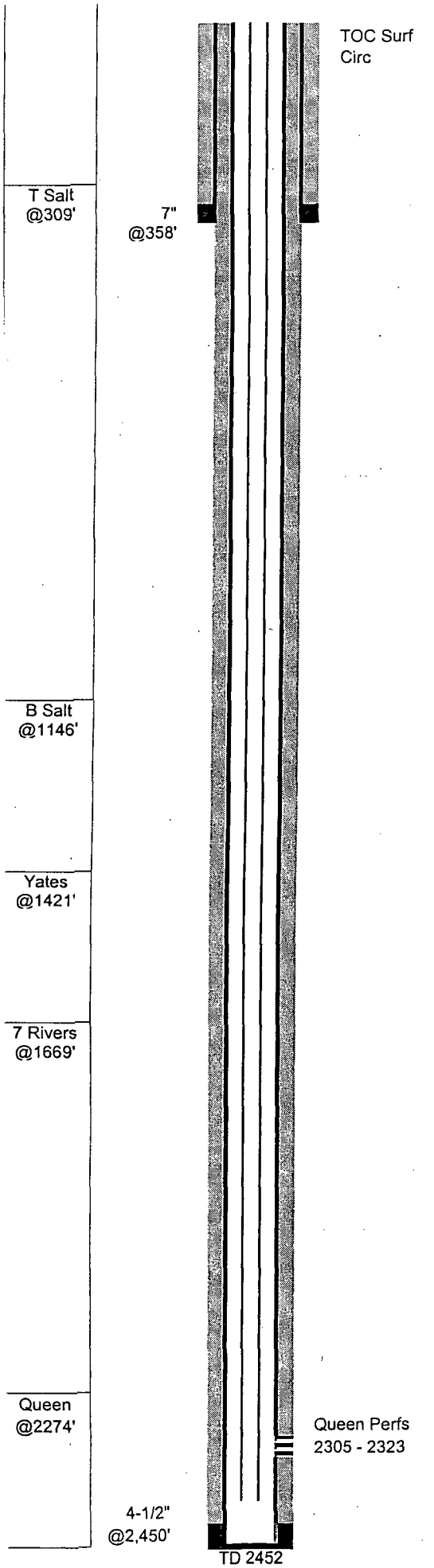
31-Jan-90 IP: Pumping 40 BO 2 BW 40 MCF 24 hrs 35 API 1,000 GOR

TUBING STRING (assumed from orig tbg depth)

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		8.00	0.00	8.00
69	2-3/8 EUE 8rd J-55 4.7# Tbg	2167.00	8.00	2175.00
1	2-3/8 X 1-25/32 SN	1.10	2175.00	2176.10
1	Perf Sub	3.00	2176.10	2179.10
1	2-3/8 Mud Anchor	31.50	2179.10	2210.60

ROD STRING (assumed from orig tbg)

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w/ liner	16
0	3/4	Pony Rods	0
86	3/4	Rods	2150
1	2X1.25X12	RWTC pump w/1"x6' GA	12
			2178



P.J. State B #4

GL:	3,375			**Status:**	Active pumping
KB:	3,383			**Perfs:**	2305 - 2323
TD:	2,452				
PBD:	2,432			**API:**	30-015-26193
Fr. Wtr:					
Legal:	1,650	from	N	**NM Lse:**	B-9735-15
	990	from	E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	11-H				
Township:	19S			**Logs:**	CNL, LDL, DLL
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
7"	26.00		358	200	10"	Surf	55' RM 10 yds
4-1/2"	13.50		2,450	310	6-1/4"	Surf	Circ 11 sx

9-Dec-90 Spud well
Fred Pool - P.J. State B #4

29-Jan-90 **Queen Completion**
Perf 2305-2323 1 SPF 19 holes
acidized w/1000 gal 15% HCL
frac w/40Mgal YF130, 72M# 12/20, Avg 25bpm 2200psi, ISIP 2150 15min 1550

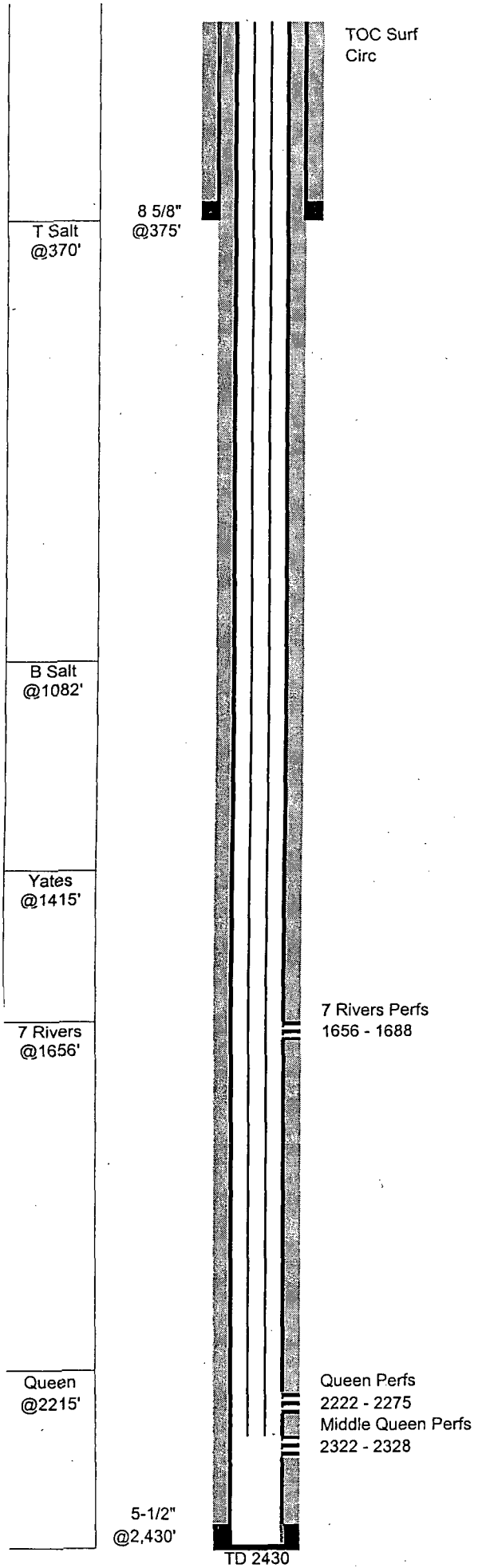
1-Feb-90 IP: Pumping 35 BO 25 BW 15 MCF 24 hrs 35 API 429 GOR

TUBING STRING (assumed from rods)

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		8.00	0.00	8.00
77	2-3/8 EUE 8rd J-55 4.7# Tbg	2384.00	8.00	2392.00
1	2-3/8 X 1-25/32 SN	1.10	2392.00	2393.10
1	Perf Sub	3.00	2393.10	2396.10
1	2-3/8 Mud Anchor	34.00	2396.10	2430.10

ROD STRING 5/2/01

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod w/8' liner	16
5	3/4	Pony Rods 4,4,4,2,2	16
94	3/4	Rods	2350
1	2X1.25X10	RWTC pump w/1"x6' GA	10
			2392



BBOC State #2

GL:	3,374	**Status:**	Active pumping
KB:	3,382	**Perfs:**	2222 - 2328, 1656 - 1688
TD:	2,430		Qn and 7 Rivers commingled
PBD:	2,372	**API:**	30-015-26183
Fr. Wtr:			
Legal:	660 from N	**NM Lse:**	B-9739
	1,980 from E	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	11-B		
Township:	19S	**Logs:**	cased CNL, CBL
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	J55 new	375	300	12-1/4"	Surf	Circ RM 8 yds
5-1/2"	17.00	K55 LT&C new	2,430	900	7-7/8"	Surf	Circ 75 sx

5-Oct-89 Spud well
Myco - BBOC State #2

31-Oct-89 **Queen and Middle Queen Completion**
Perf 2222,23,31,32,36,42,44,46,52,56,67,69,75, 2322,24,28 16 holes 0.42"
acidized w/3250 gal 15% HCL
frac w/57Mgal x-linked gel, 59.5M# 20/40, 55M# 12/20

8-Nov-89 IP: Pumping 63 BO 0 BW 64 MCF 24 hrs 32 API 1,016 GOR

1-Dec-90 **7 Rivers Completion**
Set RBP at 1800'
Perf 1656,60,64,67,69,72,76,78,84,88 10 holes 0.4"
acidized w/1500 gal 15% HCL
frac w/40Mgal 40# x-linked gel, 44M# 20/40, 31M# 12/20

3-Dec-90 IP: Pumping 3 BO 0 BW 125 MCF 24 hrs 41,700 GOR
Pulled RBP at 1800' and put on pump

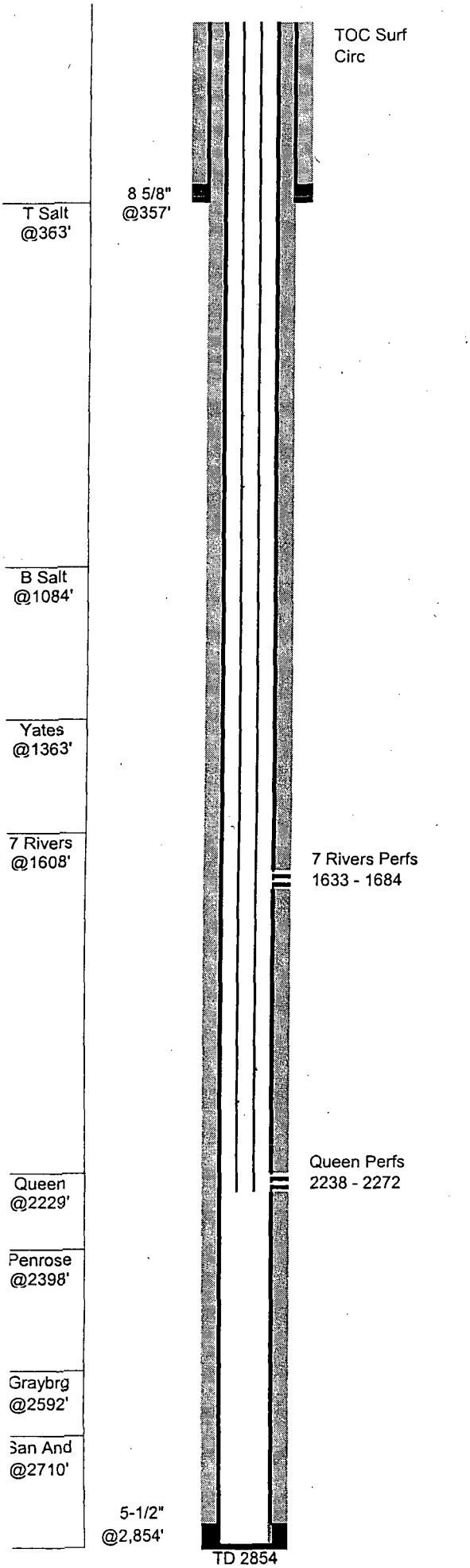
This will be a Unit producing well. The 7 Rivers perforations 1656'-1688' will be squeezed and a CIBP set at 2300' above the Middle Queen.

TUBING STRING

# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		8.00	0.00	8.00
0	2-3/8 EUE 8rd J-55 4.7# Tbg	0.00	8.00	8.00
0	2-3/8 X 1-25/32 SN	1.10	8.00	9.10

ROD STRING

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod	0
0	3/4	Pony Rods	0
0	3/4	Rods	0
0	5/8	Rods	0
0	2X1.25X13	RHBC pump	0
			0



BBOC State #4

GL:	3,380	**Status:**	Active pumping
KB:	3,388	**Perfs:**	2238 - 2272, 1633 - 1684
TD:	2,854		Qn & 7 Rivers together
PBD:	2,791	**API:**	30-015-26234
Fr. Wtr:			
Legal:	2,310 from N	**NM Lse:**	B-9739
	990 from W	**Field:**	Turkey Track (Sr-Qn-Gb-Sa)
Section:	11-E		
Township:	19S	**Logs:**	CNL, LDL, DLL, CBL
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	23.00	ST&C new	357	250	12-1/4"	Surf	45' RM 8 yds
5-1/2"	17.00	K55 LT&C new	2,854	800	7-7/8"	Surf	Circ 90 sx

22-Dec-89 Spud well
Myco - BBOC State #4

8-Jan-90 **Queen Completion**
Perf 2238,39,40,44,45,53,54,60,61,62,71,72 12 holes 0.42"
acidized w/2500 gal 15% HCL
frac w/53Mgal 30# x-linked gel, 80M# 20/40, 20M# 12/20

14-Jan-90 IP: Pumping 68 BO 0 BW 68 MCF 24 hrs 35 API 1,000 GOR

Jul-90 **7 Rivers Completion**
Set RBP at 1800'.
Perf 1633,37,40,43,50,68,72,75,77,84 10 holes
acidized w/1500 gal 15% HCL
frac w/40Mgal 30# x-linked gel, 50M# 20/40, 28M# 12/20
Pulled RBP at 1800'
IP: Commingled Pumping 5 BO 0 BW 200 MCF 24 hrs 40,000 GOR

This will be a Unit producing well. The 7 Rivers perforations 1633'-1684' will be squeezed.

TUBING STRING

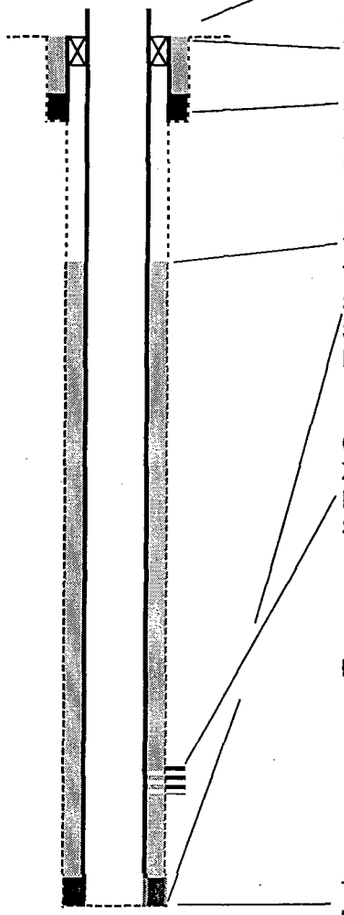
# OF JTS	DESCRIPTION	LENGTH	FROM	TO
Distance from KB to top of pipe		8.00	0.00	8.00
0	2-3/8 EUE 8rd J-55 4.7# Tbg	0.00	8.00	8.00
0	2-3/8 X 1-25/32 SN	1.10	8.00	9.10

ROD STRING

# OF JTS	SIZE	TYPE OF RODS	LENGTH
1	1-1/4	Polished Rod	0
0	3/4	Pony Rods	0
0	3/4	Rods	0
0	5/8	Rods	0
0	2X1.25X13	RHBC pump	0
			0

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Area of Review - Offset 2 String Wells
Data Tabulation
Form C-108, Item VI

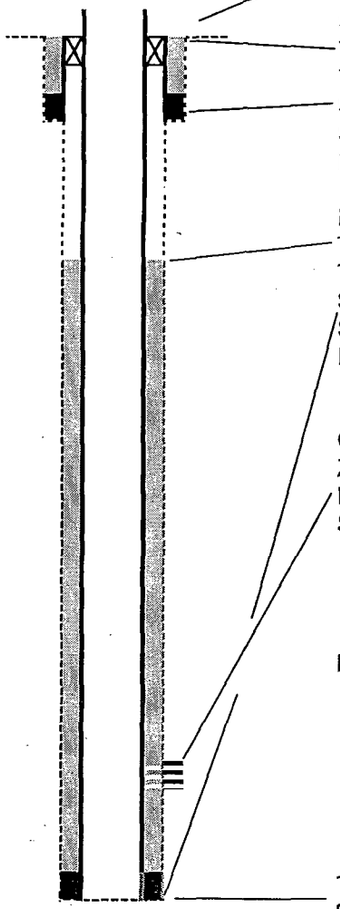
TYPICAL SCHEMATIC



Operator	Jim Pierce	Snow Operating Co. Inc.	Lothian Oil Texas I, Inc.	Snow Operating Co. Inc.	Snow Operating Co. Inc.
Lease & Well #	Mountain States Fed #1	State JL36 #3	Wilson State #1	State JL36 #6	State JL36 #2
Location	330' FSL 990' FEL	1880' FSL 1980' FEL	1650' FSL 990 FWL	660' FSL 660' FWL	660' FSL 1980' FWL
Sec.-Unit, Twp., Rge.	35-P, 18S, 29E	36-J, 18S, 29E	36-L, 18S, 29E	36-M, 18S, 29E	36-N, 18S, 29E
API#	30-015-25140	30-015-24915	30-015-24994	30-015-25106	30-015-24914
Date Drilled	Dec-84	Aug-84	Oct-84	Mar-85	Aug-84
G.L. Elev	3424'	3438'	3442'	3436'	3427'
SURFACE CASING:					
Top of Cement	Surface	Surface	Surface	Surface	Surface
TOC Determined by	2" 20sx, top w/Ready Mix	Top w/Ready Mix	Top w/Ready Mix	Circulated	Top w/Ready Mix
Size & Depth of Csg	8 5/8" @ 301'	8 5/8" @ 300'	8 5/8" @ 351'	8 5/8" @ 308'	8 5/8" @ 325'
Sacks of Cement	200	200	275	200	200
Hole Size	12 1/4"	12 1/4"	12 1/4" assumed	12 1/4"	12 1/4"
PRODUCTION CASING:					
Top of Cement	1107'	Surface	Surface	Surface	Surface
TOC Determined by	CBL	Calculated	Caluclated	Circulated	Circulated
Size & Depth of Csg	5 1/2" @ 3503'	5 1/2" @ 2904'	5 1/2" @ 3000'	5 1/2" @ 2910'	5 1/2" @ 3250'
Sacks of Cement	543	700	800	875	700
Hole Size	7 7/8"	7 7/8"	7 7/8" assumed	7 7/8"	7 7/8"
	(CIBP at 3365' 8/85)				
COMPLETION:					
Zone	Qn (Unit)-Qn-GB-SA	Qn (Middle & Penrose)-GB	Qn (Penrose)-GB-SA	Qn (Unit)-7R-Qn-GB-SA	Qn (Middle)
Perforations	2252' - 3451'	2469' - 2794'	Pen 2464' - 2491'	1576' - 2845'	2408' - 2420'
Stimulation	A 5000 SF 85Mgal 119M#	A 500 SF 40Mgal ??M#	A 1000 SF 30Mgal 50M#	Frc 7R 65Mgal, Qn-Gb	A 2500 SF 40Mgal 62M#
			GB-SA 2650' - 2826'	104Mgal, Gb-SA 45Mgal	
			A 2500 SF 40Mgal 65M#		
POTENTIAL:					
Method	Pumping	Pumping	Pumping	Pumping	Pumping
BOPD	20	39	47	10	29
BWPD	30	10	7	158	2
MCFPD	32	TSTM	not reported	19	TSTM
API gravity	38	33.2	36.2	not reported	36.1
Total Depth	3505'	2904'	3050'	2920'	3250'
Plug Back Depth	3365'	2857'	2990'	2845'	3208'

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Area of Review - Offset 2 String Wells
Data Tabulation
Form C-108, Item VI

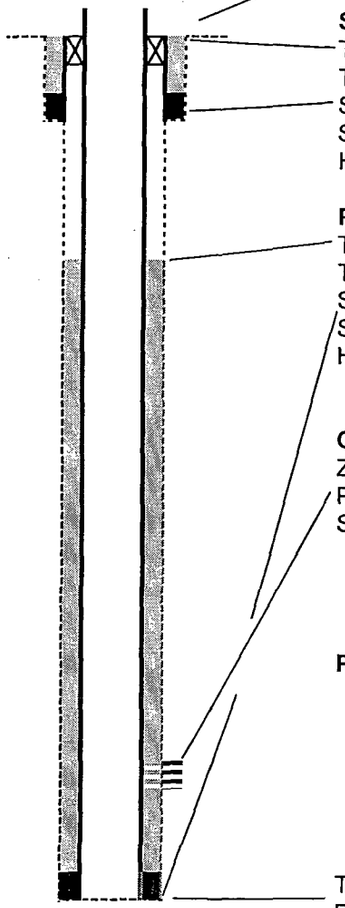
TYPICAL SCHEMATIC



Operator	Snow Operating Co. Inc.	Jim Pierce	Jim Pierce	Lothian Oil Texas I, Inc.	Lothian Oil Texas I, Inc.
Lease & Well #	State JL36 #1	Leonard State #2	Leonard State R #3	Turkey Track Sec 3 Unit #15	Turkey Track Sec 3 Unit #16
Location	660' FSL 1980' FEL	330' FSL 2310' FWL	330' FSL 330' FEL	330' FSL 990' FEL	660' FSL 660' FEL
Sec.-Unit, Twp., Rge.	36-O, 18S, 29E	1-N, 19S, 29E	1-P, 19S, 29E	3-P, 19S, 29E	3-P, 19S, 29E
API#	30-015-23428	30-015-03543	30-015-03540	30-015-03549	30-015-03560
Date Drilled	Aug-80	Jul-62 Reentered 8/10/62	Apr-50	Oct-49	Mar-43
G.L. Elev	3435'	3397'	3395'	3392'	3395'
SURFACE CASING:					
Top of Cement	Surface	Surface	45'	220'	No cmt unless 3/79 1"
TOC Determined by	Top w/Ready Mix	Circulated	Calculated 50% excess	Calculated 50% excess	Mud only 3/79 cmt'd w/1" ??
Size & Depth of Csg	13 3/8" @ 295'	7 5/8" @ 352'	8 5/8" @ 360'	8 5/8" @ 315'	10 3/4" @ 385'
Sacks of Cement	315	150	50	15	none
Hole Size	17 1/2"	9 7/8"	10"	10"	12"
PRODUCTION CASING:					
Top of Cement	Surface	1650'	1525'	1250'	1425' and 2225'
TOC Determined by	Circulated	Calculated 50% excess	Calculated 50% excess	Calculated 50% excess	Calc 1425', Calc 2225'
Size & Depth of Csg	8 5/8" @2829'	4 1/2" @ 2600'	7" @ 2150'	5 1/2" @ 1490'	7" @ Surf-1545' and 1920'-2550'
Sacks of Cement	1160	150	50	50	35 at 1545', orig 100 at 2550'
Hole Size	11"	6 3/4" assumed	7 7/8" assumed	8"	10"
	(TD 11,696' Morrow compl PB to 2809' cut 5 1/2 7126')				Orig 7" pulled 1920' to surf and PB to 1770'
COMPLETION:					
Zone	Qn (Middle) 4/28/84	Qn (Unit)-Qn (Middle)	Lwr 7R	7R	7R
Perforations	2464' - 2480'	2376' - 2471'	2201-06', 2215-23'	OH 1490' - 1707'	OH 1545' - 1770'
Stimulation	A 3000 SF 35Mgal 43M#	A 500 SF 26.7Mgal, 30M#	Form jet perfs Natural	Shot w/220 qts 1680' - 1702'	Shot w/440 qts 1569' - 1730'
POTENTIAL:					
Method	Flowing	Pumping	Pumping	Pumping	Pumping
BOPD	80	not reported	50	10	24
BWPD	0	not reported	not reported	not reported	not reported
MCFPD	TSTM	not reported	10	not reported	not reported
API gravity	37.4	not reported	not reported	not reported	not reported
Total Depth	11,696'	2600'	2227'	1707'	2815'
Plug Back Depth	2809'	2500'	2227'	1707'	1770'

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Area of Review - Offset 2 String Wells
Data Tabulation
Form C-108, Item VI

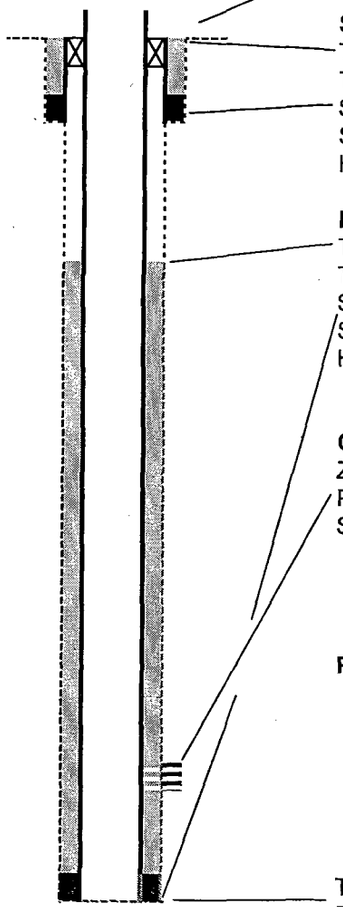
TYPICAL SCHEMATIC



Operator	MYCO Industries, Inc.	MYCO Industries, Inc.	MYCO Industries, Inc.	MYCO Industries, Inc.	Jim Pierce
Lease & Well #	Continental State #1	Sand Dune State #3	Sand Dune State #1	Sand Dune State #6	State S #2
Location	740' FNL 1205' FEL	1980' FSL 1980' FEL	1980' FSL 1980' FWL	1980' FSL 660' FWL	330' FNL 330' FEL
Sec.-Unit, Twp., Rge.	10-A, 19S, 29E	11-J, 19S, 29E	11-K, 19S, 29E	11-L, 19S, 29E	12-A, 19S, 29E
API#	30-015-03572	30-015-26311	30-015-26272	30-015-26476	30-015-03582
Date Drilled	Jul-49	Mar-90	Jan-90	Oct-90	Feb-51
G.L. Elev	3386'	3371'	3398'	3389'	3390'
SURFACE CASING:					
Top of Cement	No cmt	Surface	Surface	Surface	45'
TOC Determined by	Mud only	Top w/8 yds Ready Mix	Top w/14 yds Ready Mix	Circulated 25 sx	Calculated 50% excess
Size & Depth of Csg	8 5/8" @ 300'	8 5/8" @ 365'	11 3/4" @ 347'	8 5/8" @ 383'	8 5/8" @ 345'
Sacks of Cement	none	250 + 8 yds ready mix	250 + 14 yds ready mix	250	50
Hole Size	10"	12 1/4"	14 3/4"	12 1/4"	10"
PRODUCTION CASING:					
Top of Cement	450'	Surface	Surface	Surface	1550'
TOC Determined by	Calculated 50% excess	Circulated 95 sx	Circulated 150 sx	Circulated 95 sx	Calculated 50% excess
Size & Depth of Csg	7" @1524'	5 1/2" @ 2485'	5 1/2" @ 2559'	5 1/2" @ 2630'	7" @ 2182'
Sacks of Cement	100	550	2000	700	50
Hole Size	8"	7 7/8"	7 7/8"	7 7/8"	7 7/8" assumed
			35sx 100' plugs tops @ 2800', 3552', 4694' in OH		
COMPLETION:					
Zone	7R	7R-Qn (Unit)	7R-Qn (Unit)	7R-Qn (Unit)	Lwr 7R-Qn (Unit)
Perforations	OH 1524' - 1697'	1671' - 1716', 2299' - 2354'	1686' - 1734', 2310' - 2354'	1655' - 1706', 2285' - 2306'	OH 2182' - 2443'
Stimulation	Shot w/130qts 1655' -1697'	7R A1500 SF39Mgal 75M# Qn A1200 SF35Mgal 73M#	7R A1350 SF40Mgal 77M# Qn A1200 SF40Mgal 70M#	7R A1300 SF36Mgal 77M# Qn A1500 SF37Mgal 62M#	Shot w/70 qts solidified 2200' - 2215'
POTENTIAL:					
Method	Flowing	Pumping	Pumping	Pumping	Pumping
BOPD	50	7R-45, Qn-45	7R-15, Qn-36	7R-45, Qn-32	25
BWPD	not reported	7R-10, Qn-45	7R-NR, Qn-0	7R-2, Qn-48	not reported
MCFPD	250	7R-22, Qn-17	7R-1000, Qn-32	7R-300, Qn-10	10
API gravity	36	7R-NR, Qn-36	7R-NR, Qn-36	7R-NR, Qn-36	not reported
Total Depth	1697'	2490'	4865'	2636'	2443'
Plug Back Depth	1697'	2430'	2514'	2564'	2443'

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Area of Review - Offset 2 String Wells
Data Tabulation
Form C-108, Item VI

TYPICAL SCHEMATIC



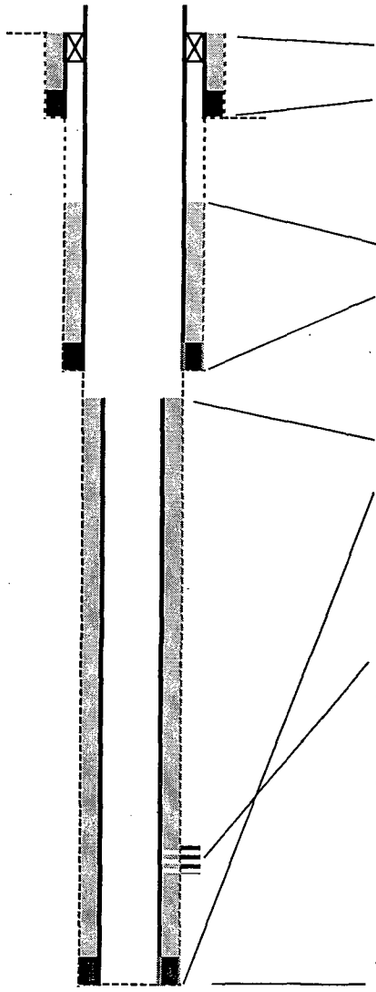
Operator	Parrish, H Dwayne & Rhondak	Parrish, H Dwayne & Rhondak	Jim Pierce
Lease & Well #	State T #1	State T #2	Keohane Fed #1
Location	1650' FNL 990' FWL	1650' FNL 330' FWL	330' FSL 330' FWL
Sec.-Unit, Twp., Rge.	12-E, 19S, 29E	12-E, 19S, 29E	6-M, 19S, 30E
API#	30-015-03581	30-015-26378	30-015-04591
Date Drilled	Sep-56	Jun-90	Mar-50
G.L. Elev	3393'	3388'	3390'
SURFACE CASING:			
Top of Cement	45'	Surface	200'
TOC Determined by	Calculated 50% excess	Circulated	Calculated 50% excess
Size & Depth of Csg	8 5/8" @ 356'	8 5/8" @ 343'	8 5/8" @ 362'
Sacks of Cement	50	250	75
Hole Size	10"	10 3/4"	12 1/4" assumed
PRODUCTION CASING:			
Top of Cement	2083	Surface	1560'
TOC Determined by	Calculated 50% excess	Circulated	Calculated 50% excess
Size & Depth of Csg	5 1/2" @ 2585'	5 1/2" @ 2609'	7" @ 2175'
Sacks of Cement	50	650	50
Hole Size	6"	7 7/8"	7 7/8" assumed
COMPLETION:			
Zone	Qn (Penrose)	Qn (Unit)	Qn (Unit)-Qn
Perforations	2520' - 2528'	2329' - 2347'	~~Open hole~~ 2170' - 2244'
Stimulation	A 500 SF 40Mgal 36M#	A 1200 SF 40Mgal 68M#	Natural Oil pay rptd 2230' - 2244' Show water at 2248'
POTENTIAL:			
Method	Pumping	Pumping	Pumping
BOPD	30	16	30
BWPD	25	0	not reported
MCFPD	not reported	not reported	10
API gravity	24.5	not reported	not reported
Total Depth	4064'	2620'	2250'
Plug Back Depth	2555'	2613'	2244'

Lwr 7R

Qn Unit not penetrated ≈ 2400'

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Area of Review - Offset 3 String Wells
Data Tabulation
Form C-108, Item VI

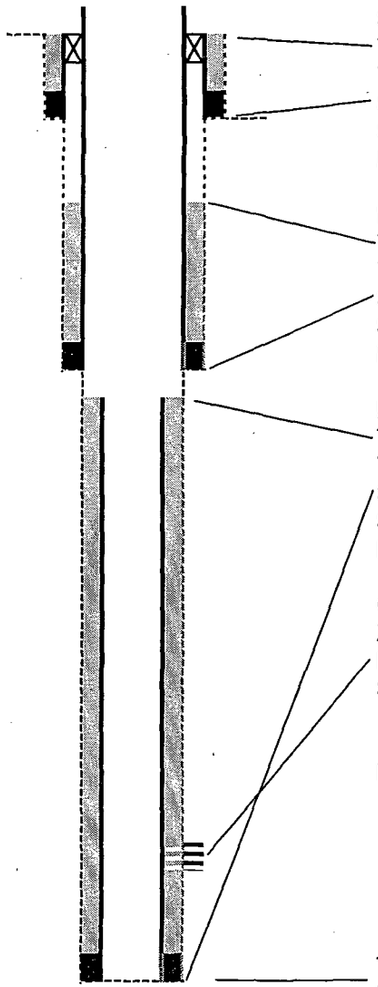
TYPICAL SCHEMATIC



	Operator	Mewbourne Oil Co.	Chi Operating, Inc	Snow Operating, Inc.	Chisos, LTD	Snow Operating Co. Inc.
	Lease & Well #	Bradley 36 State Com #1	Giblet State #1	State HL 1 #1	State HL 2 #1Y	New Mexico CZ State #1
	Location	1650' FSL 1650' FEL	660' FNL 1650' FWL	660' FSL 1980' FWL	2090' FNL 1870' FWL	1980' FSL 810' FEL
	Sec.-Unit, Twp., Rge.	36-J, 18S, 29E	1-C, 19S, 29E	1-N, 19S, 29E	2-F, 19S, 29E	2-I, 19S, 29E
	API#	30-015-34893	30-015-30513	30-015-23065	30-015-23962	30-015-23625
	Date Drilled	Dec-06	Dec-98	Feb-80	Oct-81	Nov-81
	G.L. Elev	3437'	3420'	3403'	3392'	3364'
SURFACE CASING:						
	Top of Cement	Surface	Surface	Surface	Surface	Surface
	TOC Determined by	Circulated 8 sx	Top w/40 yds Ready Mix	Top w/4 yds Ready Mix	Top w/6 yds Ready Mix	90', 1", pea grvl, then 1"
	Size & Depth of Csg	13 3/8" @ 315'	13 3/8" @ 320'	13 3/8" @ 312'	13 3/8" @ 330'	13 3/8" @ 341'
	Sacks of Cement	580, 1" 340	415, 1" 400, 40yds RM	305	450	300, 1"-60, pea grvl, 1"-60
	Hole Size	17 1/2"	17 1/2"	17 1/2"	17 1/2"	17 1/2"
INTERMEDIATE CASING:						
	Top of Cement	Surface	Surface	Surface	Surface	Surface
	TOC Determined by	Circulated 93 sx	Circulated 102 sx	Circulated 145 sx	Circulated 75 sx	Circulated 675 sx
	Size & Depth of Csg	9 5/8" @ 3360'	8 5/8" @ 3010'	8 5/8" @ 2800'	9 5/8" @ 2781'	9 5/8" @ 4143'
	Sacks of Cement	1400	900	900	1900	2900
	Hole Size	12 1/4"	11"	11"	12 1/4"	12 1/4"
PRODUCTION CASING:						
	Top of Cement	1050'	9,460'	7370'	7800'	Unknown
	TOC Determined by	CBL	CBL	CBL	Calculated	DV tool depth not reported
	Size & Depth of Csg	4 1/2" @ 11,800'	4 1/2" @ 12,000'	5 1/2" @ 11,763'	5 1/2" @ 11,589'	7" @ 11,800'
	Sacks of Cement	1975	600	600 DV @10,354 w/600	1150	1050 DV @?? w/600
	Hole Size	8 3/4"	7 7/8"	7 7/8"	8 1/2"	8 3/4"
COMPLETION:						
	Zone	Morrow	Morrow, Atoka & Atoka AE	Atoka	Atoka	Morrow
	Perforations	11,584' - 11,604'	10,889-94',10,944-46,56-62'	10,926' - 10,932'	10,818' - 10,989'	11,424' - 11,579'
	Stimulation	Natural	11,294-98, 11,314-56 Natural	Natural	A 2000 & 80MCF N2	A 18000 SF 20Mgal gel, 10Mgal CO2, 35M#
POTENTIAL:						
	Method	Flowing	Flowing	Flowing	Not reported	Flowing
	BOPD	5	15	32	Not reported	0
	BWPD	1	0	0	Not reported	0
	MCFPD	557	593	5,310	Not reported	2592 AOF
	API gravity	48	56	52	Not reported	N/A
	Total Depth	11,804'	12,000'	11,763'	11,589'	11,800'
	Plug Back Depth	11,710'	11,359'	11,721'	11,010'	11,709'

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Area of Review - Offset 3 String Wells
Data Tabulation
Form C-108, Item VI

TYPICAL SCHEMATIC

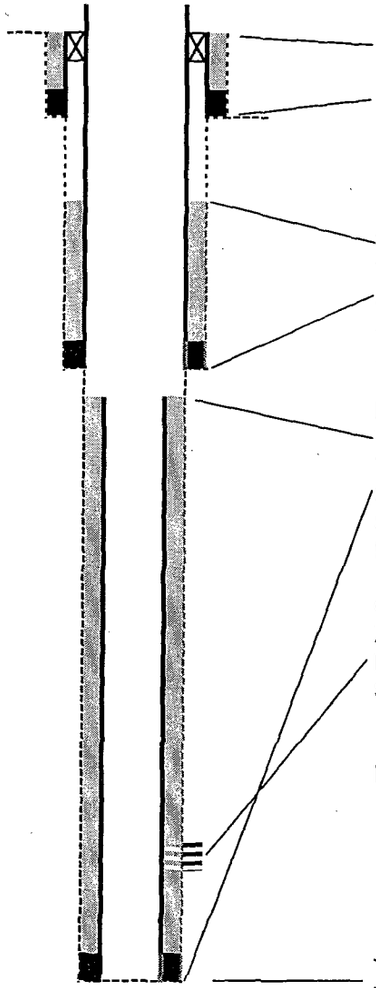


	Operator	JKM Energy, LLC	Snow Oil & Gas, Inc.	Chisos, LTD	Edge Petr. Oper Co., Inc.	Parrish, H Dwayne & Rhondak
	Lease & Well #	Stetson 2 State Com #1	Read and Stevens State #1	Spur 11 State Com #1	Southwest TT 11 State #1	Schoonmaker State #4
	Location	990' FSL 990' FWL	1650' FNL 990' FEL	660' FNL 660' FWL	1830' FSL 860' FWL	2310' FSL 440' FWL
	Sec.-Unit, Twp., Rge.	2-M, 19S, 29E	10-H, 19S, 29E	11-D, 19S, 29E	11-L, 19S, 29E	12-L, 19S, 29E
	API#	30-015-31012	30-015-22122	30-015-30996	30-015-32804	30-015-26019
	Date Drilled	Jun-00	Apr-77	Apr-00	Dec-03	Nov-88
	G.L. Elev	3368'	3381'	3364'	3388'	3375'
SURFACE CASING:						
	Top of Cement	Surface	Surface	Surface	Surface	Surface
	TOC Determined by	Top w/15yds Ready Mix	Top w/7 yds Ready Mix	Top w/15yds Ready Mix	Circulated	Top w/5 yds Ready Mix
	Size & Depth of Csg	11 3/4" @ 370'	14" @ 77'	11 3/4" @357'	13 3/8" @ 258'	10 3/4" @ 300'
	Sacks of Cement	600, 1"-50, 15yd Ready Mix	7 yds Ready Mix	260, 1"-75, 15yd Ready Mix	480	300
	Hole Size	14 3/4"	17 1/2"	14 3/4"	17 1/2"	15"
INTERMEDIATE CASING:						
	Top of Cement	Surface	Surface	Surface	Surface	Surface
	TOC Determined by	Circulated 325 sx	Top w/ Ready Mix	Circulated 198 sx	Circulated	Circulated 100 sx
	Size & Depth of Csg	8 5/8" @ 3000'	8 5/8" @ 342'	8 5/8" @ 2996'	9 5/8" @ 3068'	7" @ 1230'
	Sacks of Cement	1200	100	1300	1250	400
	Hole Size	11"	11"	11"	12 1/4"	10"
PRODUCTION CASING:						
	Top of Cement	7765'	990'	8000'	Unknown	1150'
	TOC Determined by	CBL	CBL	Calculated	Cmt not circ, Calc Surface	Calculated
	Size & Depth of Csg	5 1/2" @ 11,629'	4 1/2" @ 3307'	5 1/2" @ 11,650'	5 1/2" @ 11,635'	4 1/2" @ 2624'
	Sacks of Cement	745	675	658	900 DV @9016 w/1750	150
	Hole Size	7 7/8"	7 7/8"	7 7/8"	8 1/2"	6 3/4" assumed
					Cmt circ to DV 1st stage	
COMPLETION:						
	Zone	Atoka	GB	Atoka	Morrow	7R-Qn (Unit)-Qn (Penrose)
	Perforations	10,810' - 10,819'	2633' - 2635'	10,756' - 10,820'	11,430' - 11,471	2305' - 2418'
	Stimulation	A 1000 1.5MCF N2	A 500, SF 30Mgal 35M#	Natural	Natural	SF 30Mgal 34.5M#
						2555' - 2571'
						A 750 SF 15Mgal ??M#
POTENTIAL:						
	Method	Flowing	Pumping	Not reported	Flowing	Pumping
	BOPD	0	20	Not reported	68	3
	BWPD	0	5	Not reported	Not reported	12
	MCFPD	147	TSTM	Not reported	2247	TSTM
	API gravity	N/A	35	Not reported	49	37
	Total Depth	11,630'	3320'	11,650'	11,636'	2624'
	Plug Back Depth	11,180'	2750'	11,000'	11,595'	2584' assumed

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Area of Review - Offset 3 String Wells
Data Tabulation
Form C-108, Item VI

Operator	Chisos, LTD
Lease & Well #	Wishbone Fed Com #1
Location	2000' FSL 680' FWL
Sec.-Unit, Twp., Rge.	6-L, 19S, 30E
API#	30-015-30640
Date Drilled	Jul-00
G.L. Elev	3414'

TYPICAL SCHEMATIC



SURFACE CASING:

Top of Cement	Surface
TOC Determined by	70' Top w/100 sx
Size & Depth of Csg	13 3/8" @ 350'
Sacks of Cement	400
Hole Size	17 1/2"

INTERMEDIATE CASING:

Top of Cement	Surface
TOC Determined by	Circulated
Size & Depth of Csg	8 5/8" @ 3005'
Sacks of Cement	1200
Hole Size	11"

PRODUCTION CASING:

Top of Cement	8500'
TOC Determined by	est
Size & Depth of Csg	5 1/2" @ 11,750'
Sacks of Cement	625
Hole Size	7 7/8"

COMPLETION:

Zone	Strawn
Perforations	10,514' - 10,600'
Stimulation	A 3000 20% & BS

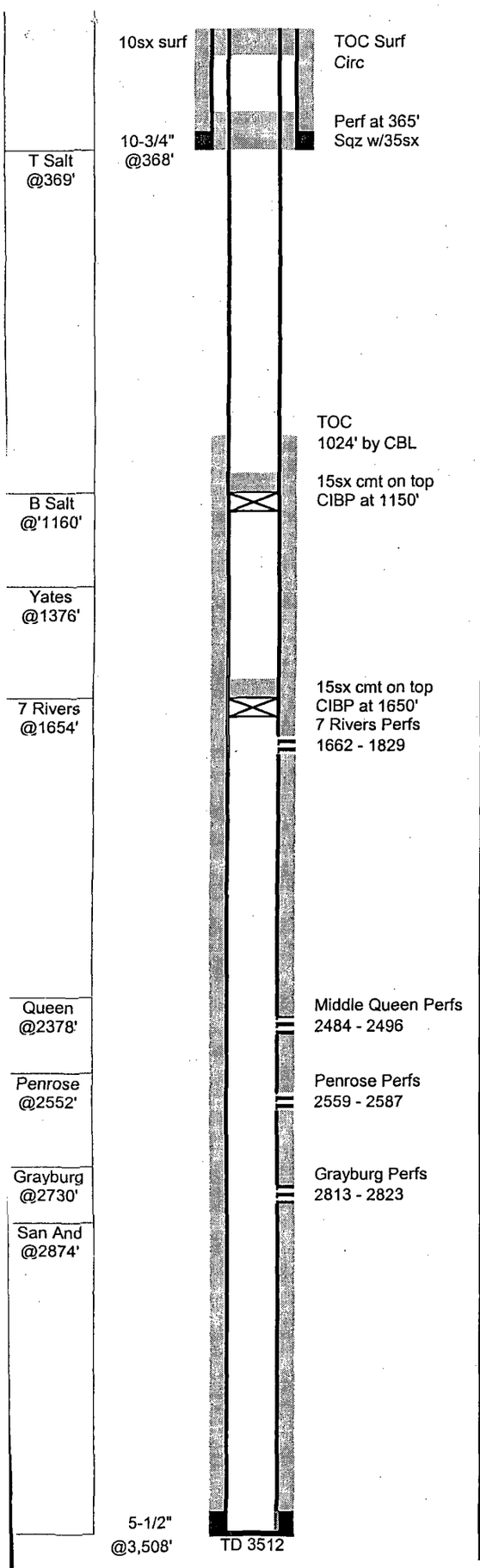
POTENTIAL:

Method	Flowing
BOPD	270
BWPD	3
MCFPD	1,158
API gravity	52.7

Total Depth	11,750'
Plug Back Depth	10,900'

Beach Exploration, Inc.
Proposed Eastland Queen Unit
Area of Review - Plugged Wells (wellbore schematics attached)
Form C-108, Item VI

	Operator	Lease & Well #	Location	Sec.-Unit, Twp., Rge.
1.	Myco Industries, Inc.	Gopher Gulch State #1	990' FSL 990' FEL	36-P, 18S, 29E
2.	Elliott Oil Company	E.M. Elliott #5	990' FSL 990' FWL	31-M, 18S, 30E
3.	Roach & Shepard Drlg Co.	Elliott #1	330' FSL 330' FWL	31-M, 18S, 30E
4.	Leonard Oil Company	Keohane #2	1650' FSL 1650' FWL	6-K, 19S, 30E
5.	Jim Pierce	Leonard State #4	1650' FSL 330 FEL	1-I, 19S, 29E
6.	Ashman & Hilliard No. 3 Ltd.	Leonard State #1-1	660' FSL 660' FWL	1-M, 19S, 29E
7.	Ashman & Hilliard No. 3 Ltd.	Leonard State #1A-1	610' FSL 660' FWL	1-M, 19S, 29E
8.	Herman J. Ledbetter	Leonard State #1	330' FSL 1650' FEL	1-O, 19S, 29E
9.	Jim Pierce	Leonard A State #1	330' FNL 1650 FEL	12-B, 19S, 29E
10.	Chemical Express	Leonard State #3	330' FNL 2310' FWL	12-C, 19S, 29E
11.	Tenneco	State HL2 #1	1980' FNL 1980' FWL	2-F, 19S, 29E
12.	Leonard Oil Company	State B7717 #1	1980' FSL 660' FEL	2-I, 19S, 29E
13.	Tenneco	State B7717 #2	330' FSL 330' FWL	2-M, 19S, 29E
14.	Marbob Energy Corp.	Turkey Track Sec 3 Unit #28	330' FSL 330' FEL	3-P, 19S, 29E
15.	Stanley L. Jones	Powell #1	1650' FNL 330' FEL	10-H, 19S, 29E
16.	Leonard Oil Company	State B-9739 #1-D	330' FNL 990' FWL	11-D, 19S, 29E
17.	Myco Industries, Inc.	Sand Dune State #2	1980' FSL 660' FEL	11-I, 19S, 29E



Gopher Gulch State #1

GL:	3,034	**Status:**	P&A
KB:	3,042	**Perfs:**	
TD:	3,512		
PBD:	3,482	**API:**	30-015-24909
Fr. Wtr:			
Legal:	990 from S	**NM Lse:**	B-6811
	990 from E	**Field:**	
Section:	36-P		
Township:	18S	**Logs:**	CNL, LDT, DLL
Range:	29E		
County:	*Eddy*	**Archeological:**	

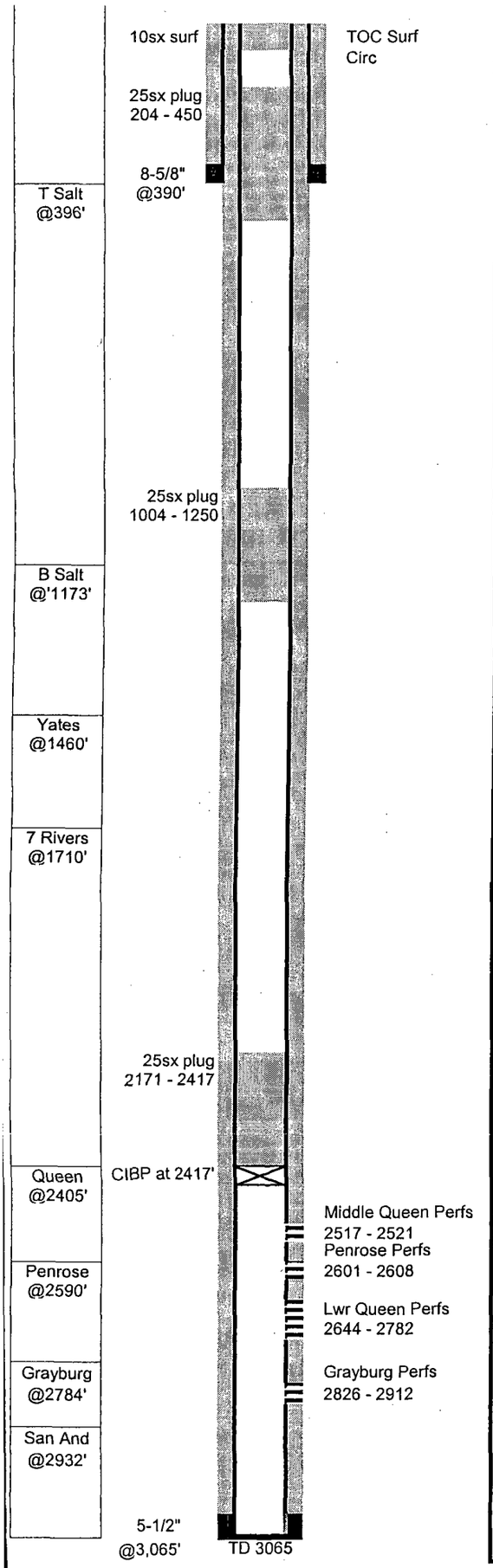
Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
10-3/4"	40.50	K55	368	325	14-3/4"	Surf	50' RM 4 yds
5-1/2"	15.50	J55 LT&C	3,508	525	7-7/8"	1024'	CBL

4-Jul-84	Spud well **Myco Industries, Inc. - Gopher Gulch State #1**
20-Sep-84	**Middle Queen and Grayburg Completion** Perf 2484-96 10 holes 0.42" - acidized w/2000 gal 15% NEFE frac w/20.7Mgal 70 qual foam, 25M# 20/40, 3325 gal Methanol, 295 SCF N2 Perf 2813 - 2823 10 holes 0.42" - acidized w/1000 gal 15% NEFE frac w/20Mgal gelled KCL, 26.75M# 20/40 IP: Pumping 30 BO 3 BW TSTM MCF 24 hrs 30 API
25-Sep-84	**Penrose Completion** Perf 2559 - 2587 10 holes 0.42" - acidized w/2000 gal 15% NEFE frac w/20Mgal 2% KCL, 33.25M# 20/40 IP: Pumping - no separate test
30-Nov-84	**7 Rivers Completion** Perf 1662 - 1829 32 holes 0.41" - acidized w/4000 gal 15% frac w/80Mgal gel 2% KCL, 180m# 12/20
21-May-91	**P&A - MYCO** CIBP at 1650' w/15sx on top CIBP at 1150' w/15sx on top Perf 5 1/2 at 365' and sqz w/35sx set 10sx surf plug and installed reg marker

Unitized Queen not Perforated

JMR

9/26/2007



E.M. Elliott #5

GL:	3,423			**Status:**	P&A
KB:	3,431			**Perfs:**	
TD:	3,065				
PBD:	2,991			**API:**	30-015-25396
Fr. Wtr:					
Legal:	990	from	S	**NM Lse:**	NM-27279
	990	from	W	**Field:**	
Section:	31-M				
Township:	18S			**Logs:**	CNL,FDC,DLL
Range:	30E				
County:	Eddy			***Archeological:***	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		390	350	12-1/4"	Surf	Circ 2sx
5-1/2"	15.50	J55	3,065	1,700	7-7/8"	Surf	Circ 60sx

11-Sep-85 Spud well
Elliott Oil Company - E.M. Elliot #5

19-Oct-85 **Middle Queen, Penrose, Lwr Queen, Grayburg Completion**
Middle Qn - Perf 2517-2521
Penrose - Perf 2601-2608
Lwr Queen - Perf 2644-2698
acidize above w/1500 gal 15% NEFE
Lwr Queen - Perf 2749-2782
Grayburg - Perf 2826-2912
acidize Lwr Qn & Grayburg w/2000 gal 15% NEFE

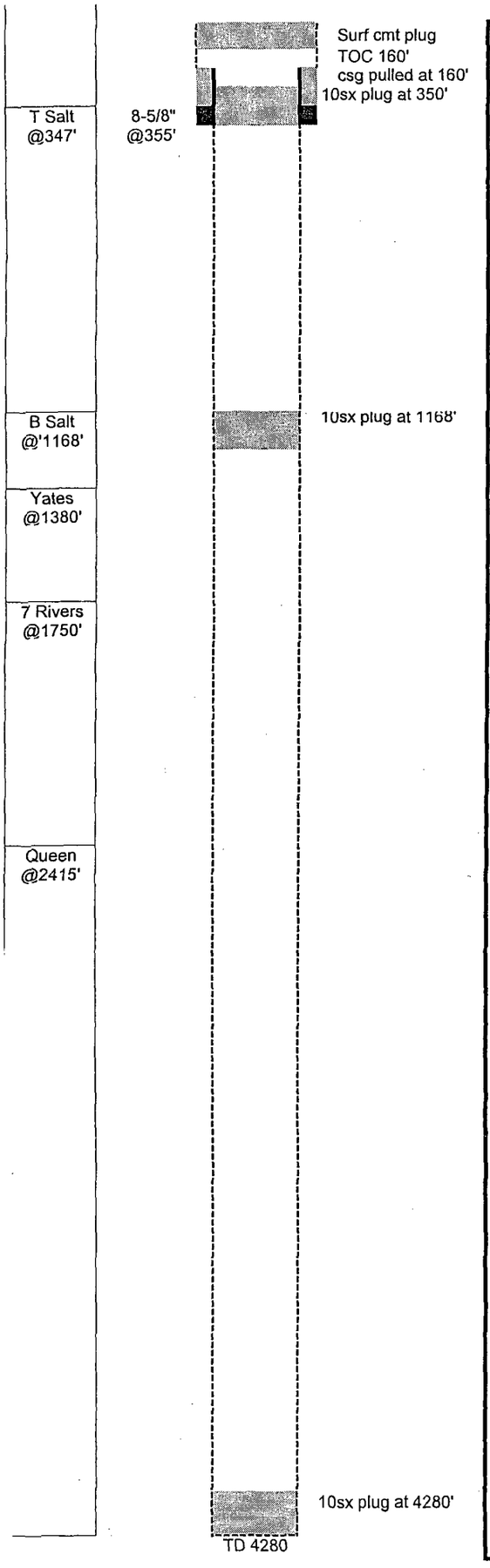
28-Oct-85 IP: Pumping 10 BO 25 BW TSTM MCF 24 hrs

5-Jan-00 **P&A - Elliott Oil Co**
CIBP at 2417' w/25sx 2171 - 2417'
25sx plug 1004' - 1250'
25sx plug 204 - 450
10sx surface plug at 60', install marker

Unitized Queen not Perforated

JMR

7/5/2007



Elliott #1

GL:	3,431	**Status:**	P&A
KB:		**Perfs:**	
TD:	4,280		
PBD:		**API:**	30-015-
Fr. Wtr:			
Legal:	330 from S	**NM Lse:**	
	330 from W	**Field:**	
Section:	31-M		
Township:	18S	**Logs:**	
Range:	30E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"			355	50	10" ? 7-7/8" ?	160'	csg pulled

6-Aug-50 Spud well
Roach & Shepard Drilling Co. - Elliot #1

23-Oct-50 **D&A**
Drld to TD 4280 and plugged - no plugging record
Field Inspection - has a marker

30-Oct-50 **Plugging Detail** - Elliot Industries Records (Sundry notice and Dept of Interior)
10sx plug spotted at 4280', mudded back to 1168'
10sx plug spotted at 1168', mudded back to 350'
10sx plug spotted at 350', pulled 160' of 8-58" csg
mudded to surface and spotted cmt plug w/marker

NO.895 P.2/2

Budget Bureau No. 42-R358.4.
Approval expires 11-30-49.

Form 9-331 a
(March 1942)

(SUBMIT IN TRIPLICATE)

Land Office Las Cruces
Lease No. 068402
Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 30, 1950

Well No. 1 is located 330 ft. from {N/S} line and 330 ft. from {E/W} line of sec. 31

SW¼SW¼ (¼ Sec. and Sec. No.) | 18S (Twp.) | 30E (Range) | N.M.P.M. (Meridian)

East Turkey Track (Field) | Eddy (County or Subdivision) | N. M. (State or Territory)

The elevation of the derrick floor above sea level is 3431 ft.

DETAILS OF WORK

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

Total depth is 4280 ft. Plugged bottom with 10 sacks of cement. mudded back to 1168'. Spoted 10 sacks cement. Mudded back to 350' spoted 10 sacks of cement. Knocked off 8 5/8" casing @ 160', pulled 160' 8 5/8". Mudded to surface, then cemented marker. Cleaned and leveled location.

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

Company Roach & Shepard Drlg. Co.

Address 204 Ward Bldg.

Artesia, N. M.

By Margaret Hunter

Title Bookkeeper

U. S. GOVERNMENT PRINTING OFFICE 16-84377-3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Box 187,
Artesia, New Mexico,
Nov. 9, 1950.

Roach and Shepard Drg. Co.,
204 Ward Bldg.,
Artesia, New Mexico.

Re: L. C. 068402.

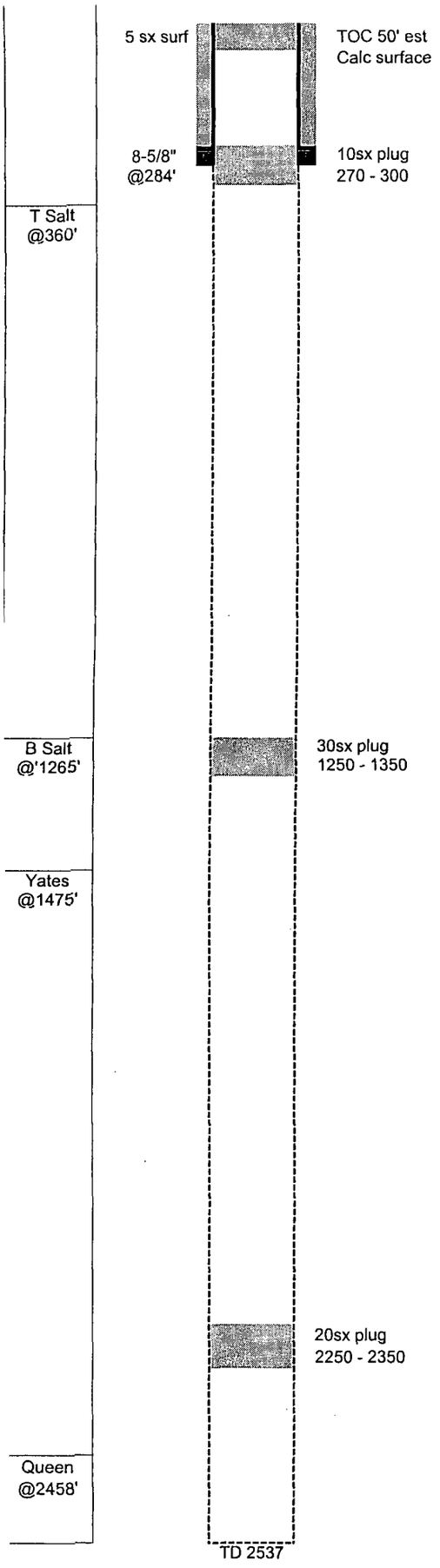
Gentlemen:

Your "Subsequent Report of Abandonment" dated October 30, 1950, covering your No. 1 Elliott well located on the subject land in the SW¼ SW¼, section 31, T. 18 S., R. 30 E., Wildcat, Eddy County, New Mexico, is hereby approved.

Very truly yours,

John A. Frost.
District Engineer.

JAF:cy
Inspected by John A. Frost,
October 25, 1950.



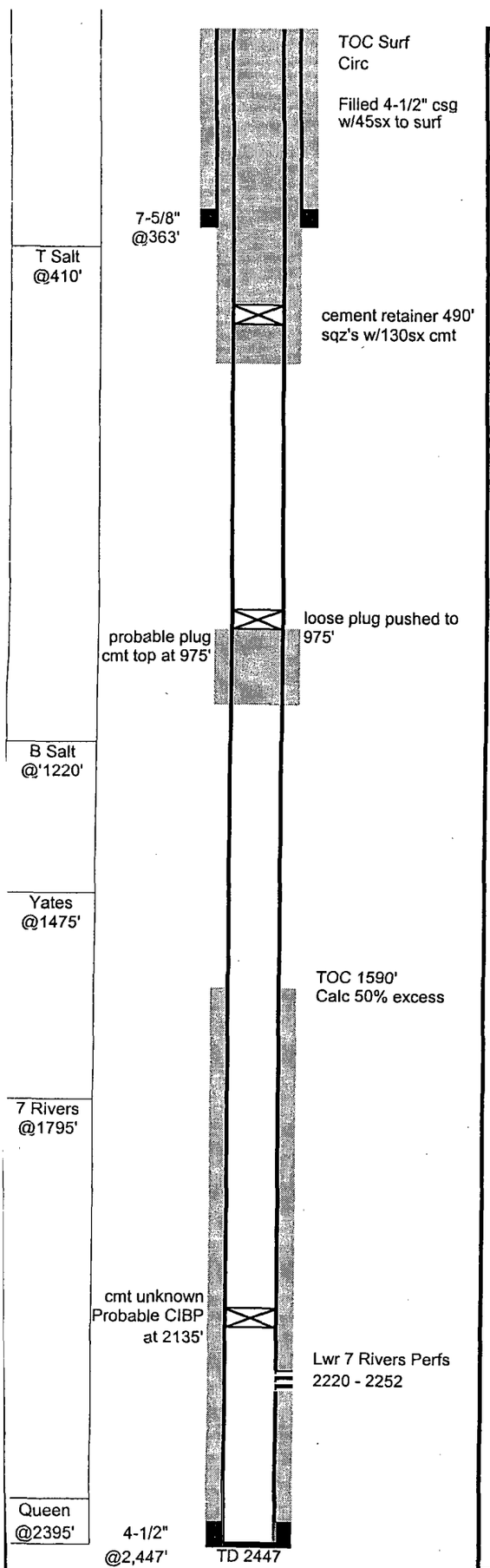
Keohane #2

GL:	3,407			**Status:**	P&A
KB:				**Perfs:**	
TD:	2,537				
PBD:				**API:**	30-015-04592
Fr. Wtr:					
Legal:	1,650	from	S	**NM Lse:**	
	1,650	from	W	**Field:**	
Section:	6-K				
Township:	19S			**Logs:**	No logs
Range:	30E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"			284	50	10" ?	est 50'	Calc Surf
7"			2,061	none	8"	Probably pulled mud strng	

13-Nov-58 Spud well
Leonard Oil Company - Keohane #2

17-Dec-58 **D&A - Leonard Oil Co**
20sx plug 2250 - 2350
30sx plug 1250 - 1350
10sx plug 270 - 300
5sx surface plug w/reg marker



Leonard State #4

GL:	3,408	**Status:**	P&A
KB:		**Perfs:**	
TD:	2,447		
PBD:		**API:**	30-015-03539
Fr. Wtr:			
Legal:	1,650 from S	**NM Lse:**	B-7717
	330 from E	**Field:**	
Section:	1-I		
Township:	19S	**Logs:**	Radioactive Log
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
7-5/8"	20.00		363	150	10"	Surf	Circulated
4-1/2"	9.50	J55	2,447	100	6-1/4"	1,590	Calc 50% ex

13-Jul-62	Spud well **Chemical Express, Inc. - Leonard State #4**
17-Jul-62	**Lower 7 Rivers Completion** Perf 2220-36, 2242-52 frac w/21Mgal oil, 31M# sand
25-Jul-62	IP: Pumping 44 BO 0 BW NR MCF 24 hrs 35 API
10-Nov-70	Note in file - before inj OCD required to pump 1" outside surf csg, est TOC 100'
1-Apr-71	Start injection w/packer at 2200' (UIC R-4062)
9-Sep-85	TA'd
20-May-86	C103 intent to sqz cmt down csg w/surf annulus open - OCD not approved
1-Aug-01	Jim Pierce became operator
28-Apr-03	Intent set CIBP 2120 - 2150 4/28/03
	Unknown interim work to plug well out. **Re-enter P&A well to Confirm plugs??**
6/17/2003	RU L&R PU
6/18/2003	Drilled out 20' cmt surface plug, RIH w/15 jts tag plug at est 470'. Tried unsuccessful to drill plug at 470' with bit. RIH w/mill shoe. Unsuccessful in milling plug. POOH ran impression block.
6/19/2003	Tried twice to fish plug and unsuccessful. RIH w/collars and blade bit. Plug moved down 4 jts and then RIH w/12 more jts. Quit making progress. POOH. RIH with mill shoe and still no progress. Est depth 975'
6/20/2003	Tried unsuccessfully to run cement retainer. Second attempt set retainer with 16 jts in hole (est 490'). Hole in csg??
6/21/2003	Cemented under cement retainer w/130sx cmt. Sqz'd to 550 psi and pull out of retainer. Mixed and filled 4-1/2" casing with 45sx to surface.
4-Oct-03	Last C103 shows marker installed and loc cleaned up, still no plugging detail

Queen Unitized Interval not Perforated
Properly Plugged Per OCD
Order #R-12079 dated 2/16/04

JMR

9/26/2007

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 13066
ORDER NO. R-12079

APPLICATION OF THE NEW MEXICO OIL CONSERVATION DIVISION FOR AN ORDER REQUIRING JIM PIERCE TO BRING THREE WELLS INTO COMPLIANCE WITH RULE 201.B AND ASSESSING APPROPRIATE CIVIL PENALTIES, EDDY COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on August 7, 2003, at Santa Fe, New Mexico, before Examiner William V. Jones.

NOW, on this 16th day of February, 2004, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner,

FINDS THAT:

(1) Due public notice has been given, and the Division has jurisdiction of this case and its subject matter.

(2) Jim Pierce is the current owner and operator of the following three wells, all located in Township 19 South, Range 29 East, NMPM, Eddy County, New Mexico:

State "S" Well No. 2 (**API No. 30-015-03582**), located 330 feet from the North line and 330 feet from the East line (Unit A) of Section 12;

Leonard "A" State No. 1 (**API No. 30-015-03603**), located 330 feet from the North line and 1,650 feet from the East line (Unit B) of Section 12;

Leonard State No. 4 (**API No. 30-015-03539**), located 1,650 feet from the South line and 330 feet from the East line (Unit I) of Section 1.

(3) The New Mexico Oil Conservation Division ("Division") seeks an order directing Jim Pierce to bring these wells into compliance with Division Rule 201.B, either by: (i) restoring these wells to production, injection or other Division-approved beneficial use; (ii) causing these wells to be properly plugged and abandoned in accordance with Division Rule 202.B; or (iii) securing Division authority to maintain these wells in temporary abandonment status in accordance with Division Rule 203. Division also seeks appropriate civil penalties in the event Jim Pierce fails to comply with Rule 201.B.

(4) In accordance with the provisions of Division Rule No. 1207, notice of this application was provided to Jim Pierce; however, no one representing Jim Pierce appeared at the hearing.

(5) The Division appeared in this matter through legal counsel and presented witnesses and evidence to support its application.

(6) The evidence presented by the Division demonstrates that:

(a) all three of the subject wells are owned and operated by Jim Pierce;

(b) all of these wells either produced or attempted to produce oil at one time;

(c) August, 2001, is the latest date any of these wells was actively produced;

(d) the Division initially requested Jim Pierce to take action on the Leonard State Well No. 4 in July, 2002;

(e) the Division initially requested Jim Pierce to take action on the Leonard "A" State Well No. 1 and the State "S" Well No. 2 in September, 2002; and

(f) at the time of the hearing, these wells were not in compliance; however, Jim Pierce had already begun work to bring these wells into compliance with Rule 201.B.

(7) Records filed with the Division after the hearing show that all three of these wells were brought into compliance with Division Rule 201.B in October of 2003. One well has been returned to production. The other two wells have been plugged and abandoned. In addition, Jim Pierce has filed Form C103 and obtained Division approval for these actions.

(8) By returning one well to production, Jim Pierce has prevented waste of valuable hydrocarbon resources.

(9) By properly plugging two wells, Jim Pierce has ensured no movement of fluids will occur out of zone, protected potential sources of drinking water, and protected the environment.

(10) The Division's request for an order requiring these three wells to be brought in compliance with Division Rule 201.B is now moot.

(11) The Division's request for an order assessing civil penalties should be denied in this case.

IT IS THEREFORE ORDERED THAT:

(1) The Division's request for an order requiring Jim Pierce to bring the following three wells, all located in Township 19 South, Range 29 East, NMPM, Eddy County, New Mexico, into compliance with Division Rule 201.B and assessing appropriate civil penalties is hereby dismissed:

State "S" Well No. 2 **(API No. 30-015-03582)**, located 330 feet from the North line and 330 feet from the East line (Unit A) of Section 12;

Leonard "A" State No. 1 **(API No. 30-015-03603)**, located 330 feet from the North line and 1,650 feet from the East line (Unit B) of Section 12; and

Leonard State No. 4 **(API No. 30-015-03539)**, located 1,650 feet from the South line and 330 feet from the East line (Unit I) of Section 1.

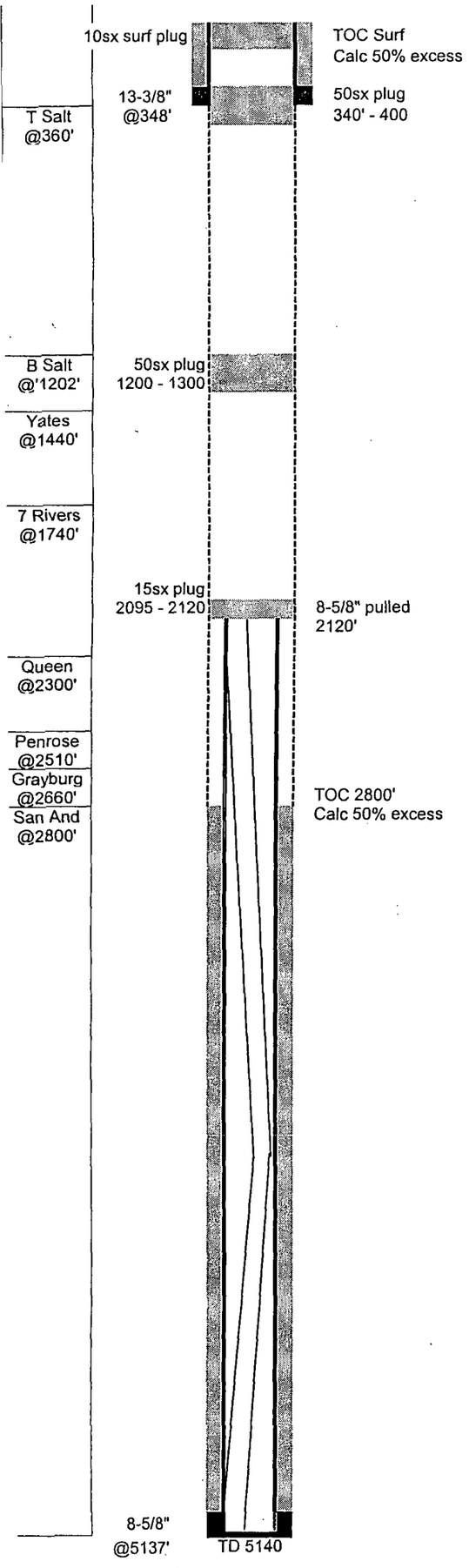
(2) Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

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

SEAL

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY
Director



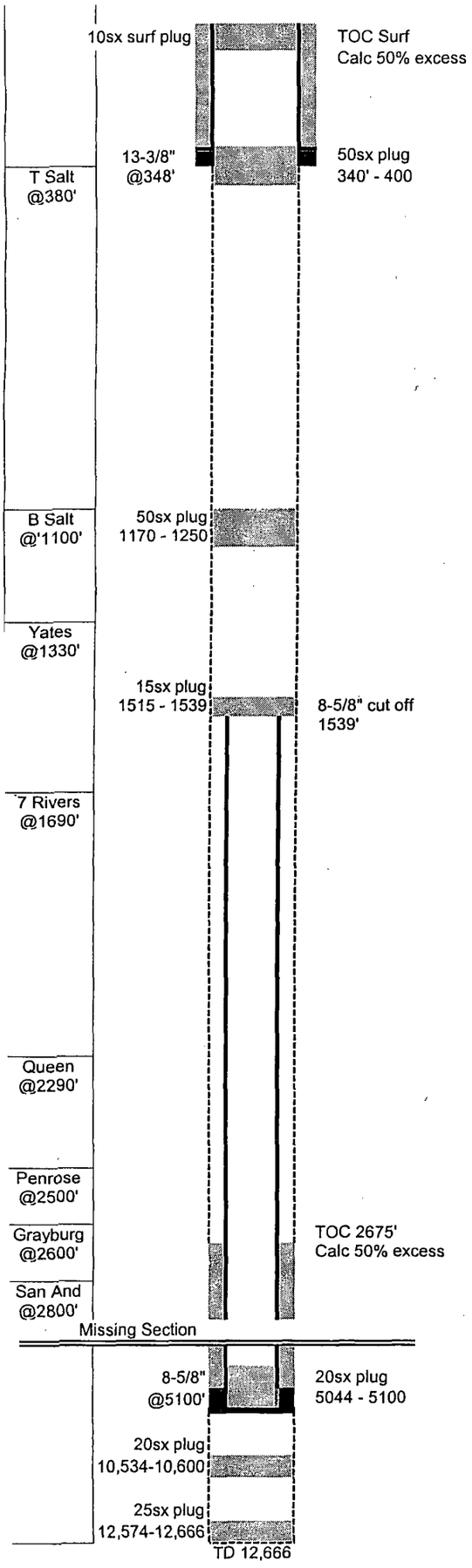
Leonard State #1-1

GL:	3,379			**Status:**	P&A
KB:				**Perfs:**	
TD:	5,140				
PBD:				**API:**	30-015-03536
Fr. Wtr:					
Legal:	660	from	S	**NM Lse:**	B-7717
	660	from	W	**Field:**	
Section:	1-M				
Township:	19S			**Logs:**	Radioactivity log
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
13-3/8"	48.00		348	350	17-1/2"	Surf	Calc 50% exc
8-5/8"	32 & 36		5,137	675	11"	2800'	Calc 50% exc

2-Jun-60 Spud well
Ashman & Hilliard No. 3 Ltd. - Leonard State #1-1

27-Jun-60 **Well Junked and Abandoned at 5140' - Ashman & Hilliard**
Unable to get below 2120' because of junked drill pipe and drill collars
Cut recovered 8-5/8" at 2120'
15sx plug 2095 - 2120
50sx plug 1200 - 1300
50sx plug 340-400
10sx surf plug and installed marker



Leonard State #1A-1

GL:	3,379			**Status:**	P&A
KB:				**Perfs:**	
TD:	12,666				
PBD:				**API:**	30-015-03537
Fr. Wtr:					
Legal:	610	from	S	**NM Lse:**	B-7717
	660	from	W	**Field:**	
Section:	1-M				
Township:	19S			**Logs:**	No logs
Range:	29E				
County:	Eddy			**Archeological:**	

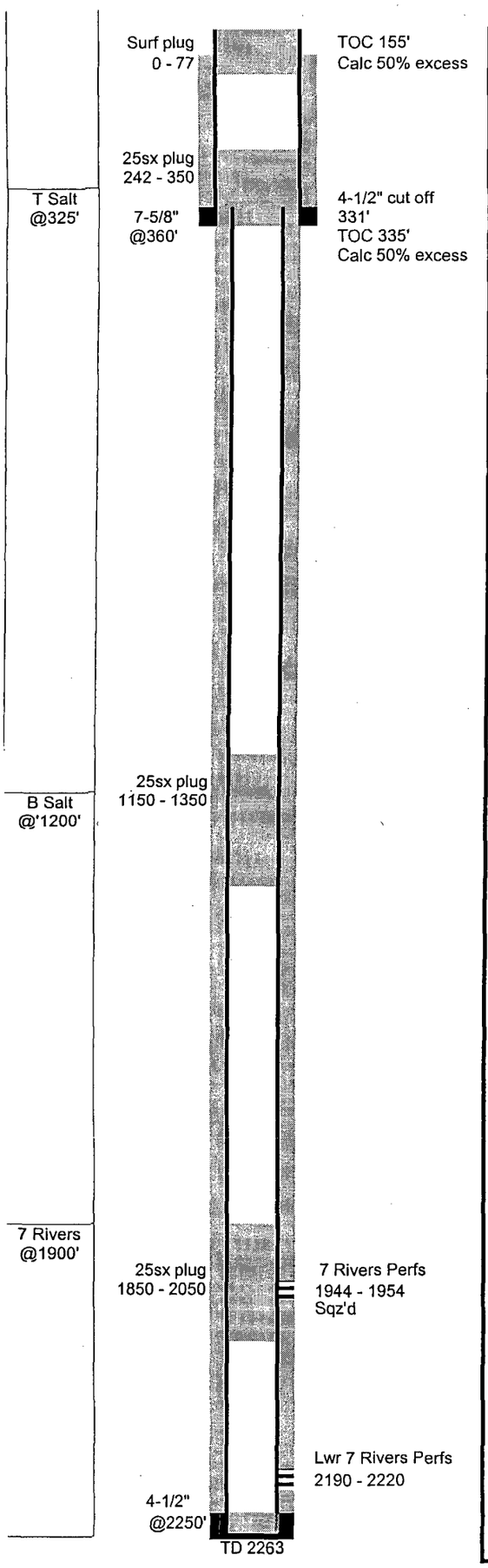
Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
13-3/8"	48.00		348	350	17-1/2"	Surf	Calc 50% exc
8-5/8"	32 & 36		5,100	700	11"	2675'	Calc 50% exc
					7-7/8"		

28-Jun-60 Spud well
Ashman & Hilliard No. 3 Ltd. - Leonard State #1A-1

7-Sep-60 **Drilled to 12,666' and Abandoned - Ashman & Hilliard**
Cut and recovered 1539' of 8-5/8" csg
25sx plug 12,574 - 12,666
20sx plug 10,534 - 10,600
20sx plug 5044 - 5100
15sx plug 1515 - 1539
50sx plug 1170 - 1250
50sx plug 340 - 400
10sx surface plug and marker

JMR

7/5/2007



Leonard State #1

GL:	3,400			**Status:**	P&A
KB:				**Perfs:**	
TD:	2,263				
PBD:				**API:**	30-015-03538
Fr. Wtr:					
Legal:	330	from	S	**NM Lse:**	B-7717
	1,650	from	E	**Field:**	
Section:	1-O				
Township:	19S			**Logs:**	No logs
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
7-5/8"	20.00	J55	360	50	9-7/8"	155'	Clac 50% exc
4-1/2"	9.50	J55	2,250	310	6-3/4"	335'	Calc 50% exc

14-Apr-62 Spud well
Chemical Express, Inc. - Leonard State #1

25-May-62 **Lwr 7 Rivers Completion**
Perf 2190 - 2220 Natural
IP: Pumping 44 BO 0 BW NR MCF 24hrs 35 API

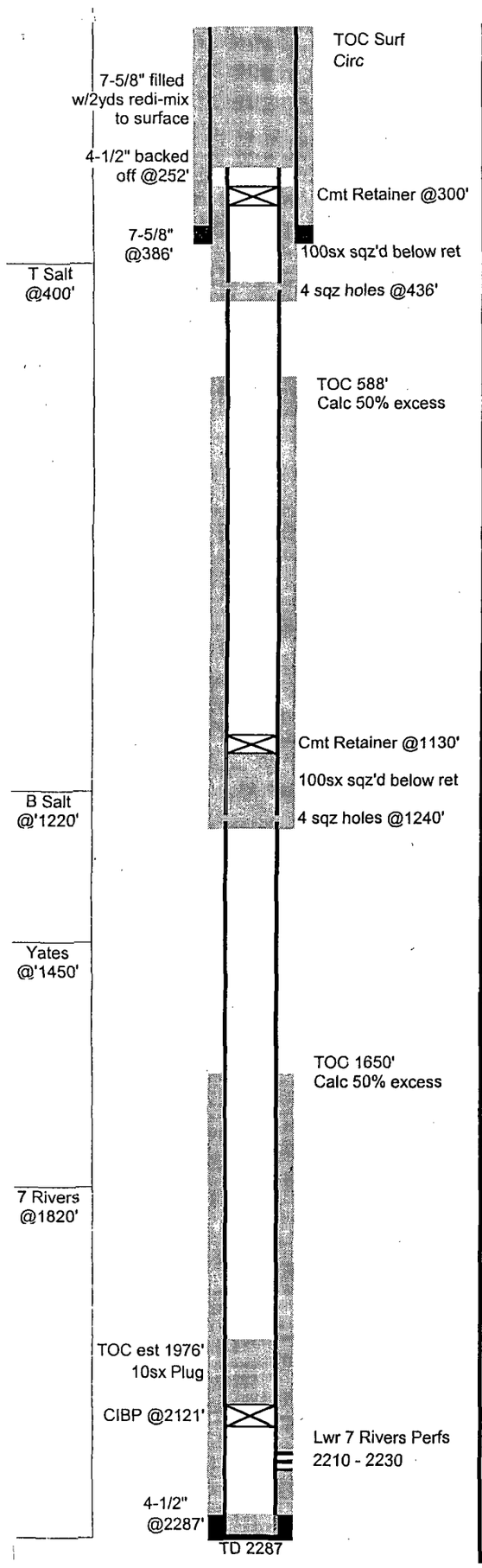
18-Oct-63 **7 Rivers Completion**
Set plug at 2050'
Perf 1944 - 1954 acidized w/2500 gal
No production

20-Jan-64 **Back to Lwr 7 Rivers Completion**
Sqz perfs 1944 - 1954
Drld plug at 2050
Chemical treat perf 2190 - 2220 got 26 BOPD

28-May-87 **P&A - Herman J. Ledbetter**
25sx plug 1850 - 2050
25sx plug 1150 - 1350
Cut and pull 4 1/2" csg above cmt at 331'
25sx plug 242 - 350
Surf plug 77' to surf (sx not reported) set marker

Queen Unitized Interval not Penetrated

JMR 7/5/2007



Leonard A State #1

GL:	3,399			**Status:**	P&A
KB:	3,409			**Perfs:**	
TD:	2,287				
PBD:				**API:**	30-015-03603
Fr. Wtr:					
Legal:	330	from	N	**NM Lse:**	
	1,650	from	E	**Field:**	
Section:	12-B				
Township:	19S			**Logs:**	Radioactivity log
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
7-5/8"	20.00	J55	386	150	10"	Surf	Circulated
4-1/2"	9.50	J55	2,287	100	6-3/4"	1,650	Calc 50% ex

Hole size on log 6 3/4", C103 shows 8" not possible

25-Jun-62	Spud well **Chemical Express, Inc. - Leonard A State #1**
4-Jul-62	**Lwr 7 Rivers Completion**
	Perf 2210 - 2230
Jul-62	IP: Pumping 44 BO 0 BW NR MCF 24hrs 35 API
1-Aug-74	**Well SI**
23-Jun-03	**P&A Intent C103 Jim Pierce** CIBP at 2121' w/10sx on top Perf & Sqz 1270' w/100 sx w/CR at 1170 Perf & Sqz 437' w/100 sx w/CR at 300 21sx plug 100 - 300 tag 60' cmt outside of 4 1/2" csg 0 - 60
Jun-03	**P&A from Invoices** CIBP at 2121' w/10sx on top Perf & Sqz 1240' w/100 sx w/CR at 1130 Perf & Sqz 436' w/100 sx w/CR at 300
2-Oct-03	Cut off wellhead, latched onto 4 1/2" csg backed off at 252', ready mix to surface w 2 yds, inspected by Mike Bratcher, set dry hole marker
21-Nov-05	OCD inspection - bullet hole in dry hole marker spraying oil & water ???
20-Jan-06	Last correspondence from Jim Pierce saying plugged properly and to talk Tim Collier looked at dry hole marker estimated 11/22/05 said flow was trapped cmt water and no flow continued.

Queen Unitized Interval not Penetrated
Properly Plugged Per OCD
Order #R-12079 dated 2/16/04

JMR

9/26/2007

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 13066
ORDER NO. R-12079

APPLICATION OF THE NEW MEXICO OIL CONSERVATION DIVISION FOR AN ORDER REQUIRING JIM PIERCE TO BRING THREE WELLS INTO COMPLIANCE WITH RULE 201.B AND ASSESSING APPROPRIATE CIVIL PENALTIES, EDDY COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on August 7, 2003, at Santa Fe, New Mexico, before Examiner William V. Jones.

NOW, on this 16th day of February, 2004, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner,

FINDS THAT:

(1) Due public notice has been given, and the Division has jurisdiction of this case and its subject matter.

(2) Jim Pierce is the current owner and operator of the following three wells, all located in Township 19 South, Range 29 East, NMPM, Eddy County, New Mexico:

State "S" Well No. 2 (**API No. 30-015-03582**), located 330 feet from the North line and 330 feet from the East line (Unit A) of Section 12;

Leonard "A" State No. 1 (**API No. 30-015-03603**), located 330 feet from the North line and 1,650 feet from the East line (Unit B) of Section 12;

Leonard State No. 4 (**API No. 30-015-03539**), located 1,650 feet from the South line and 330 feet from the East line (Unit I) of Section 1.

(3) The New Mexico Oil Conservation Division ("Division") seeks an order directing Jim Pierce to bring these wells into compliance with Division Rule 201.B, either by: (i) restoring these wells to production, injection or other Division-approved beneficial use; (ii) causing these wells to be properly plugged and abandoned in accordance with Division Rule 202.B; or (iii) securing Division authority to maintain these wells in temporary abandonment status in accordance with Division Rule 203. Division also seeks appropriate civil penalties in the event Jim Pierce fails to comply with Rule 201.B.

(4) In accordance with the provisions of Division Rule No. 1207, notice of this application was provided to Jim Pierce; however, no one representing Jim Pierce appeared at the hearing.

(5) The Division appeared in this matter through legal counsel and presented witnesses and evidence to support its application.

(6) The evidence presented by the Division demonstrates that:

(a) all three of the subject wells are owned and operated by Jim Pierce;

(b) all of these wells either produced or attempted to produce oil at one time;

(c) August, 2001, is the latest date any of these wells was actively produced;

(d) the Division initially requested Jim Pierce to take action on the Leonard State Well No. 4 in July, 2002;

(e) the Division initially requested Jim Pierce to take action on the Leonard "A" State Well No. 1 and the State "S" Well No. 2 in September, 2002; and

(f) at the time of the hearing, these wells were not in compliance; however, Jim Pierce had already begun work to bring these wells into compliance with Rule 201.B.

(7) Records filed with the Division after the hearing show that all three of these wells were brought into compliance with Division Rule 201.B in October of 2003. One well has been returned to production. The other two wells have been plugged and abandoned. In addition, Jim Pierce has filed Form C103 and obtained Division approval for these actions.

(8) By returning one well to production, Jim Pierce has prevented waste of valuable hydrocarbon resources.

(9) By properly plugging two wells, Jim Pierce has ensured no movement of fluids will occur out of zone, protected potential sources of drinking water, and protected the environment.

(10) The Division's request for an order requiring these three wells to be brought in compliance with Division Rule 201.B is now moot.

(11) The Division's request for an order assessing civil penalties should be denied in this case.

IT IS THEREFORE ORDERED THAT:

(1) The Division's request for an order requiring Jim Pierce to bring the following three wells, all located in Township 19 South, Range 29 East, NMPM, Eddy County, New Mexico, into compliance with Division Rule 201.B and assessing appropriate civil penalties is hereby dismissed:

State "S" Well No. 2 **(API No. 30-015-03582)**, located 330 feet from the North line and 330 feet from the East line (Unit A) of Section 12;

Leonard "A" State No. 1 **(API No. 30-015-03603)**, located 330 feet from the North line and 1,650 feet from the East line (Unit B) of Section 12; and

Leonard State No. 4 **(API No. 30-015-03539)**, located 1,650 feet from the South line and 330 feet from the East line (Unit I) of Section 1.

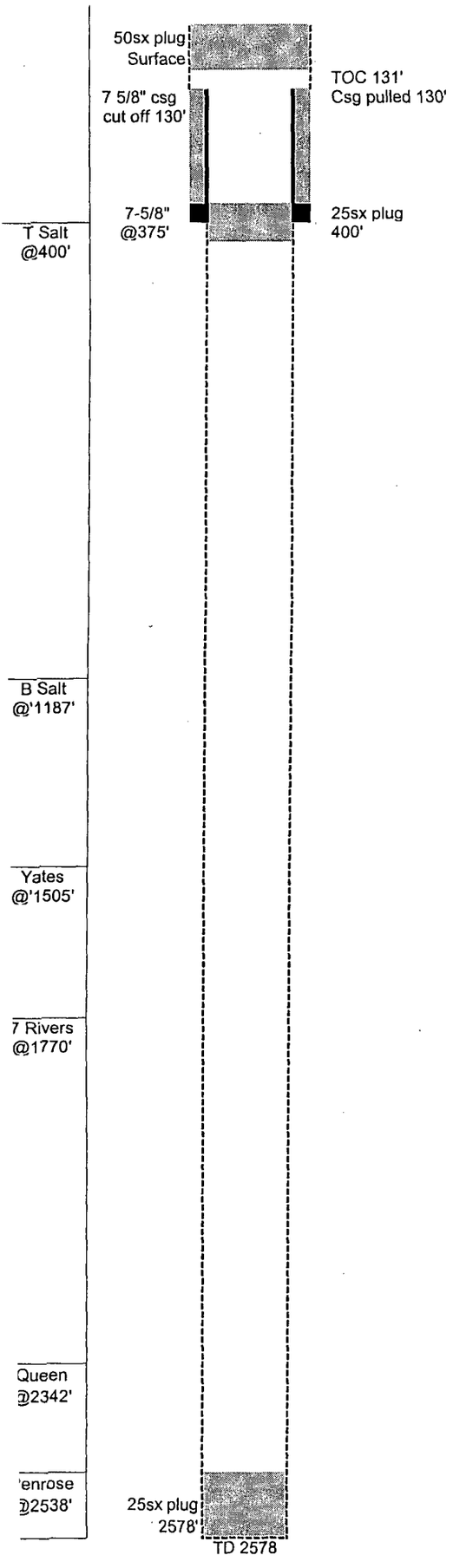
(2) Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

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

SEAL

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY
Director



Leonard State #3

GL:	3,399			**Status:**	P&A
KB:				**Perfs:**	
TD:	2,578				
PBD:				**API:**	30-015-03580
Fr. Wtr:					
Legal:	330	from	N	**NM Lse:**	B-7717
	2,310	from	W	**Field:**	
Section:	12-C				
Township:	19S			**Logs:**	Radioactivity log
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
7-5/8"	20.00		375	50	9-7/8"	130'	130' csg pulled
					6-3/4"		

10-Sep-62 Spud well
Chemical Express, Inc. - Leonard State #3

28-Oct-62 **Drilled to 2578' and Abandoned - Chemical Express**
Well was dry
25sx plug at 2578
25sx plug at 400
8-5/8" csg cut and pulled at 130'
50sx plug at surface w/steel marker

JMR

7/5/2007

150 yds ready mix at surface

T Salt @340'

B Salt @'

Yates @

7 Rivers @

Queen @

Penrose @

State HL2 #1

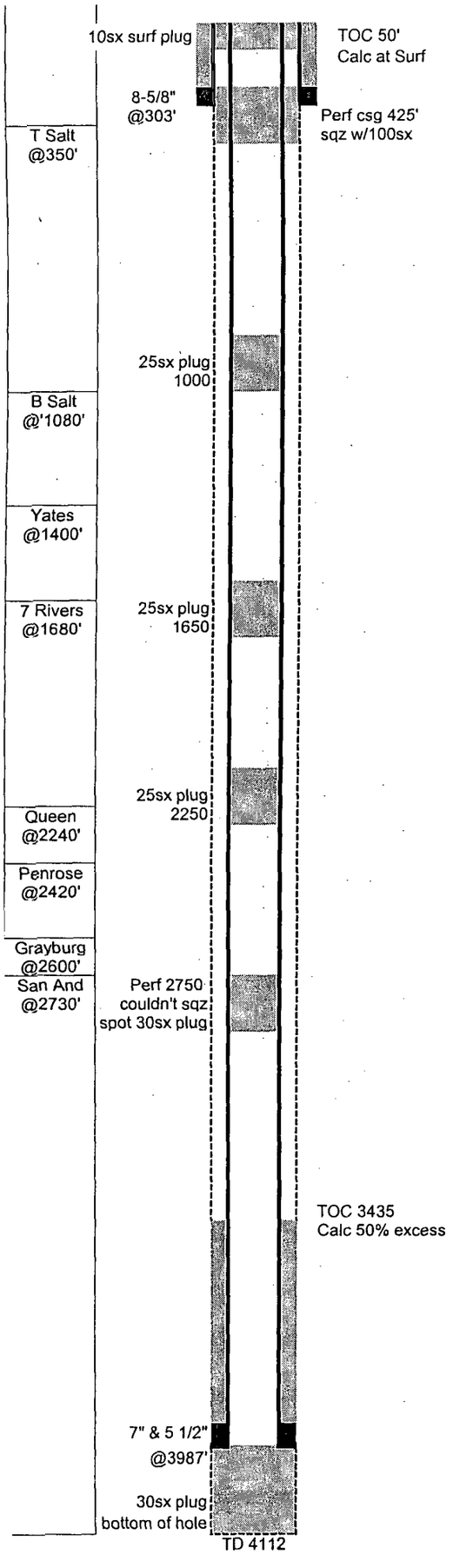
GL:	3,392			**Status:**	P&A
KB:				**Perfs:**	
TD:	390				
PBD:				**API:**	30-015-23727
Fr. Wtr:					
Legal:	1,980	from	N	**NM Lse:**	B-9739-15
	1,980	from	W	**Field:**	
Section:	2-F				
Township:	19S			**Logs:**	
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
			150 yds ready mix		17-1/2"	Surf	

31-Oct-81 Spud well
Tenneco Oil Company - State HL2 #1

28-Oct-62 **Drilled to 390' and Abandoned - Tenneco**
attempted to run 13 3/8" csg to 390', discovered sink hole under substructure 25-30' deep and 20' in diameter. RD MO. Filled cavern w/150 yds ready mix put 10yds topsoil over cmt plug and filled conductor to surf w/6 yds ready mix ready mixed rat and mouse hole to surf

Queen Unitized Interval not Penetrated



State B7717 #1

GL:	3,367	**Status:**	P&A
KB:		**Perfs:**	
TD:	4,112		
PBD:		**API:**	30-015-03544
Fr. Wtr:			
Legal:	1,980 from S	**NM Lse:**	B-7717
	660 from E	**Field:**	
Section:	2-I		
Township:	19S	**Logs:**	No logs
Range:	29E		
County:	Eddy	**Archeological:**	

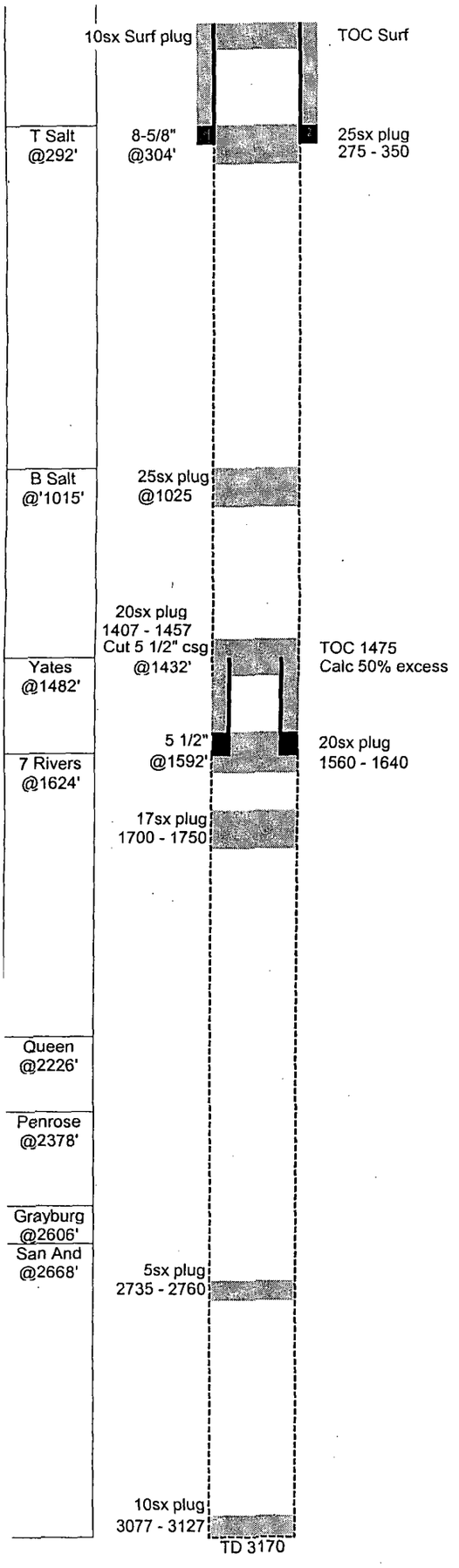
Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00		303	50	10"	Prob 50'	Calc Surface
7" & 5- 1/2"	20 & 17	7-3147-840	3,987	130	8"	3435'	Calc 50% ex

17-Feb-48 Spud well
Leonard Oil Company - State B7717 #1

27-May-52 **Completion**
OH 3987 - 4112
Chem treat shot OH

26-May-53 **P&A - Leonard Oil Co**
30sx plug in bottom of hole
mudded to surface and put a marker at surface

3-Feb-96 **P&A again NM State**
P&A marker was leaking fluids
RIH to 2809 without tagging any plugs
Perf at 2750 to sqz couldn't sqz and spotted 30sx plug across perf
25sx plug at 2250
25sx plug at 1650
25sx plug 1000
Perf csg at 425' and sqz w/100sx
set 10sx surface plug and set marker



State B7717 #2

GL:	3,380	**Status:**	P&A
KB:		**Perfs:**	
TD:	3,170		
PBD:	1,700	**API:**	30-015-03545
Fr. Wtr:			
Legal:	330 from S	**NM Lse:**	B-7717
	330 from W	**Field:**	
Section:	2-M		
Township:	19S	**Logs:**	No logs
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"			304	50	10"	Surf	1" 55sx
5-1/2"			1,592	25	8"	1475'	Calc 50% ex

10-May-48 Spud well
Leonard Oil Company - State B7717 #2

2-Jul-48 **Well drilled to 3170 plugged back to 1692**
10sx plug 3077 - 3127
5sx plug 2735 - 2760
17sx plug 1700 - 1750

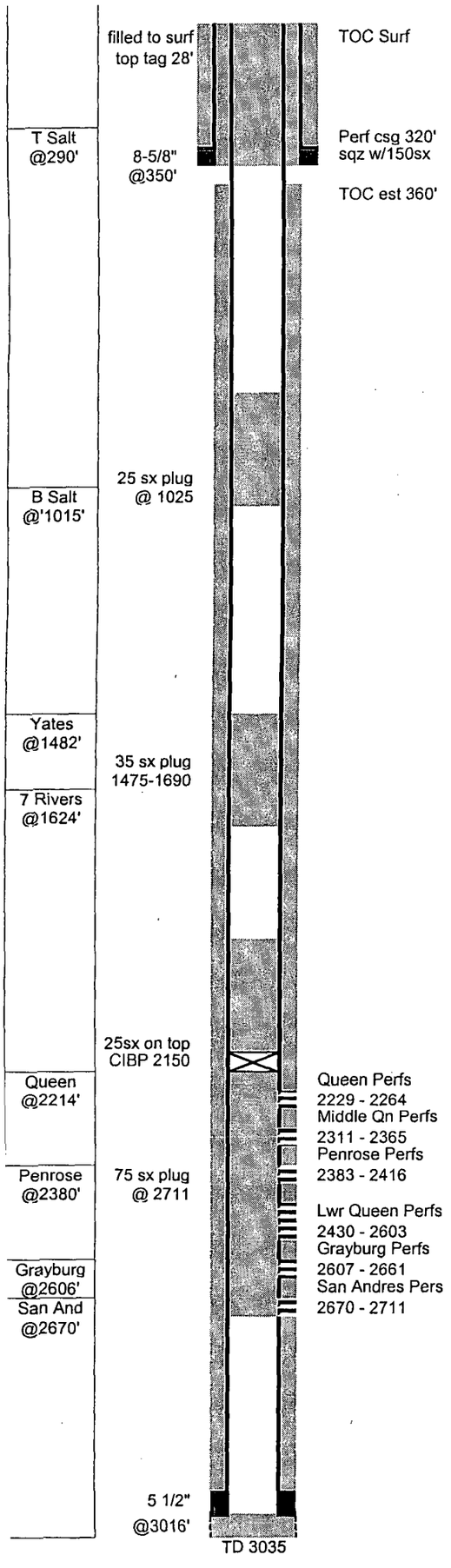
8-Jul-48 **7 Rivers Completion**
OH 1592 - 1700 - shot 1649-85 w/140qts
IP: 25 BOPD

8-Sep-64 **Well SI, TA'd since July 48**

9-Jan-68 **P&A - Tenneco**
20sx plug 1560 - 1640
5 1/2" csg was cut at 1432'
20sx plug 1407 - 1457
25sx plug 1025
25sx plug 275 - 350
10sx surf plug wmarker

JMR

7/5/2007



Turkey Track Sec 3 Unit #28

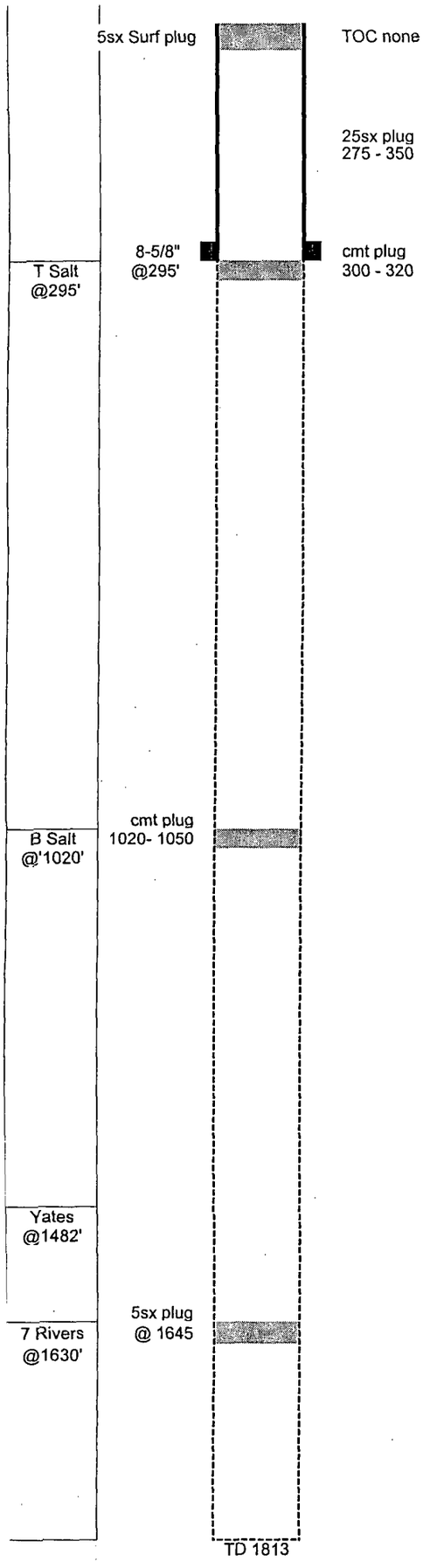
GL:	3,380			**Status:**	P&A
KB:				**Perfs:**	
TD:	3,035				
PBD:	2,994			**API:**	30-015-24020
Fr. Wtr:					
Legal:	330	from	S	**NM Lse:**	B-9739
	330	from	E	**Field:**	
Section:	3-P				
Township:	19S			**Logs:**	DSN
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	24.00	new	350	250	12-1/4"	Surf	12yds ready mix
5-1/2"	15.50	new	3,016	850	7-7/8"	360'	estimate

31-Dec-84 Spud well
Marbob Energy Corp - Turkey Track Sec 3 Ut. #28

28-Jan-85 **Completion**
Perf 2229 - 2711
acidized w/4000
frac w/252Mgal gel wtr, 150M# 20/40, 150M# 12/20, 60M# 8/16
IP: Pumping 40 BO 53 BW NR MCF
Perf Detail:
Qn (Unit) 2229 -2264
Qn (Middle) 2311 - 2365
Penrose 2383 - 2416
Lwr Qn 2430 - 2603
Grayburg 2607 - 2661
San Andres 2670 - 2711

26-Jul-89 **P&A - Marbob Energy**
75sx plug 2711
CIBP at 2150 w/25sx on top
35sx plug at 1695, tagged at 1475
25sx plug at 1025
perf csg 320' sqz w/150sx tagged at 28'
filled csg 28' to surf w/cmt



Powell #1

GL:	3,375			**Status:**	P&A
KB:				**Perfs:**	
TD:	1,813				
PBD:				**API:**	30-015-03570
Fr. Wtr:					
Legal:	1,650	from	N	**NM Lse:**	B-8096
	330	from	E	**Field:**	
Section:	10-H				
Township:	19S			**Logs:**	No logs
Range:	29E				
County:	Eddy			**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"			295	50	10" 8	none	mudded

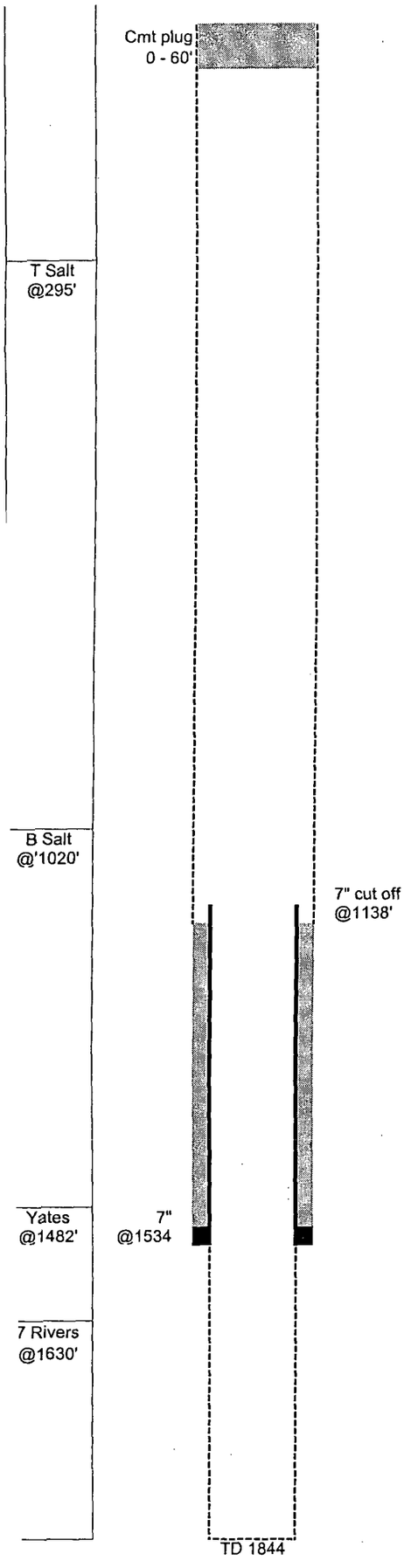
13-Oct-49 Spud well
Stanley L. Jones - Powell #1

10-Dec-49 **7 Rivers Completion**
OH nitro 160 qts 1635 - 1703

2-Feb-50 **P&A - Stanley L. Jones**
5sx plug 1645
cmt plug 1020 - 1050
cmt plug 300 - 320
5sx plug at surf w/marker

Queen Unitized Interval not Penetrated

JMR 7/5/2007



State B-9739 #1-D

GL:	3,380	**Status:**	P&A
KB:		**Perfs:**	
TD:	1,844		
PBD:		**API:**	30-015-03579
Fr. Wtr:			
Legal:	330 from N	**NM Lse:**	B-9739
	990 from W	**Field:**	
Section:	11-D		
Township:	19S	**Logs:**	No logs
Range:	29E		
County:	Eddy	**Archeological:**	

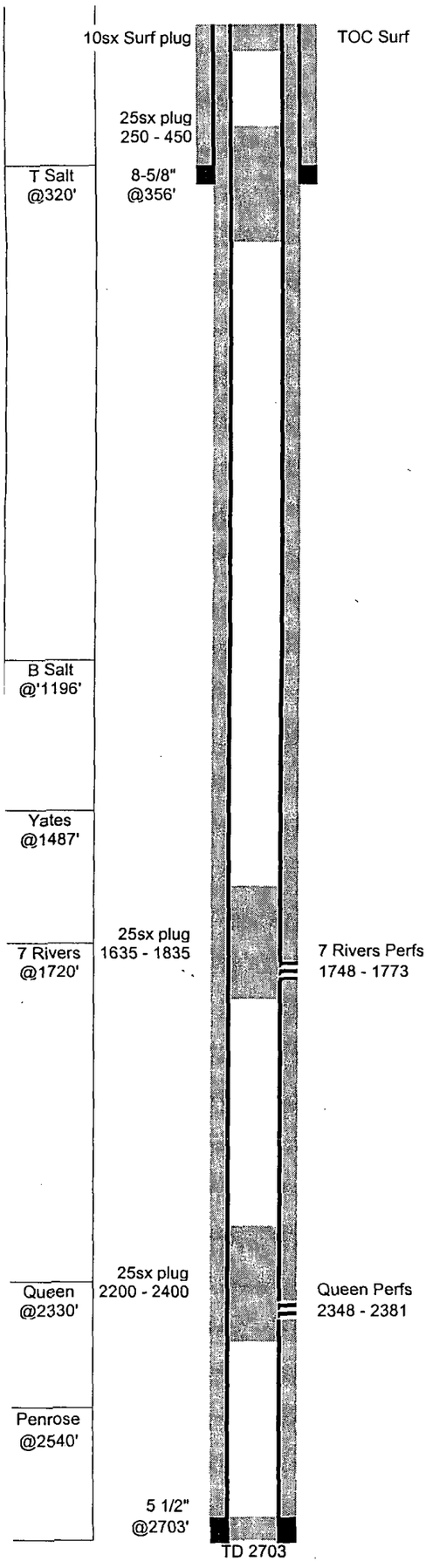
Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
7"	20.00		1,534	50	8"	1140'	Pulled 1138'
					6-3/4"		

28-Jul-48 Spud well
Leonard Oil Company - State B-9739 #1-D

20-Aug-48 **Drilled to 1844' and Abandoned - Leonard Oil**
12 1/4# mud from TD to 60'
cmt plug 0 - 60' w/ marker

Queen Unitized Interval not Penetrated

JMR 7/5/2007



Sand Dune State #2

GL:	3,364	**Status:**	P&A
KB:	3,372	**Perfs:**	
TD:	2,703		
PBD:	2,662	**API:**	30-015-26305
Fr. Wtr:			
Legal:	1,980 from S	**NM Lse:**	B-9739-19
	660 from E	**Field:**	
Section:	11-I		
Township:	19S	**Logs:**	CNL,LDL,DLL
Range:	29E		
County:	Eddy	**Archeological:**	

Casing	Wt	Type	Set	Cmt	Hole	TOC	Method
8-5/8"	23.00	new ST&C	356	250	12-1/4"	Surf	8 yds ready mix
5-1/2"	15.50	new LT&C	2,703	650	7-7/8"	Surf	Circ 125 sx

4-May-90 Spud well
MYCO Industries, Inc. - Sand Dune State #2

8-Jun-90 **7 Rivers and Queen Completion attempt**
Qn Perf 2348 - 2381, acidized w/1200gal 15% NEFE, swabbed dry
7 Rvrs Perf 1748 -1773, acidized w/1000gal 15% NEFE, swabbed dry

17-Sep-90 **P&A - MYCO**
25sx plug at 2400
25sx plug at 1835
25sx plug at 450
10sx plug at surface w/marker

JMR 7/5/2007

T. SCOTT HICKMAN & ASSOCIATES, INC.

PETROLEUM CONSULTANTS

March 27, 2007

KNG America, Inc.
2-1-1 Nihonbashi Muromachi, Chuo-Ku
Tokyo 103-0022 Japan

FAX 81-3-3270-0857

Attention Sakae Horisawa

Gentlemen:

Re: Oil and Gas Reserve Evaluation
Proposed Eastland Queen Unit
Turkey Track Field
Eddy County, New Mexico

In accordance with Mr. Horisawa's request, we have estimated the extent and net income to be generated by Proved Developed Producing and Probable crude oil and natural gas reserves for the proposed Eastland Queen Unit in Eddy County, New Mexico as of April 1, 2007 based on an audit of Beach Exploration, Inc. (BEI) Turkey Track analogy and volumetric calculations prepared by BEI for the proposed Unit area. In our opinion, the analogy and data provided by BEI are reasonable and were developed based on good engineering practices. These data, in addition to those developed independently by TSH&A, were used in the formulation of the reserve and economics forecast included in this report. A summary of our evaluation is as follows:

	Net Reserves		Future Net Income	
	Liquid (MBBL)	Gas (MMCF)	Undis-Counted (M$)	Disc. @10% (M$)
Effective Date:	---------- April 1, 2007 ----------			
Evaluated Interests	100% WI; 77.42% NRI			
Proved Developed Producing-Primary	90.5	135.7	2,804.5	1,682.2
Probable Secondary	548.8	74.8	21,767.2	10,582.9

Table 1 is the cash flow summary for Proved Developed Producing Primary reserves for the proposed Unit. Table 2 is the cash flow summary for Probable Secondary reserves.

I:\06047\kng.wpd

Table 3 is the comparison of project data for the analogy area and proposed Unit. Fig. 1 is the production history for the proposed Unit along with the remaining primary and primary plus secondary reserve estimates. Fig. 2, provided by BEI, shows the proposed unit outline and injection pattern. Fig. 3, provided by BEI, is a type log comparison for the Turkey Track analogy and the proposed Unit.

Net hydrocarbon reserves are estimated quantities of crude oil, natural gas and natural gas liquid attributable to the composite revenue interests being evaluated after the deduction of all royalty and/or overriding royalty interests burdening any working interest. In the aggregate, our reserve classifications conform to the 1997 SPE/WPC Petroleum Reserve Definitions. Future net income was adjusted for applicable capital expenditures, operating costs, ad valorem taxes and wellhead taxes, but no consideration was given to Federal income taxes or any encumbrances that might exist against the evaluated interests. Present worth future net income shows the time value of money at certain discount rates, but does not represent our estimate of fair market value.

We are qualified to perform engineering evaluations and do not claim any expertise in accounting or legal matters. As is customary in the profession, no field inspection was made of the properties nor have we verified that all operations are in compliance with state and/or federal conservation, pricing and environmental regulations that may apply.

Attachment A is the NYMEX average five-year strip futures prices utilized in this evaluation. Prices were adjusted for differentials based on comparable production in the area. Operating and capital cost estimates provided by BEI appear to be reasonable based on our experience with other Queen waterflood projects. Refinement of the cost estimates will be required at a later date..

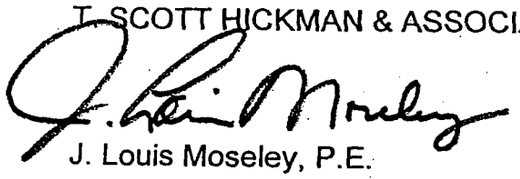
This study was performed using industry-accepted principles of engineering and evaluation that are predicated on established scientific concepts. However, the application of such principles involves extensive judgment and assumptions and is subject to changes in performance data, existing technical knowledge, economic conditions and/or statutory provisions. Consequently, our reserve estimates are furnished with the understanding that some revisions will probably be required in the future, particularly for reserve categories other than Proved Developed Producing. The restriction of production by mechanical, regulatory or market conditions also introduces uncertainty into reserve estimates and projections.

This report is solely for the information of and the assistance to KNG America, Inc. And Beach Exploration, Inc. in their evaluation of this project and is not to be used, circulated, quoted or otherwise referred to for any other purpose without the express written consent of the undersigned except as required by law. Persons other than those

to whom this report is addressed or those authorized by the addressee shall not be entitled to rely upon the report unless it is accompanied by such consent. Data utilized in this report will be maintained in our files and are available for your use.

Yours very truly,

T. SCOTT HICKMAN & ASSOCIATES, INC.



J. Louis Moseley, P.E.

sm

ATTACHMENT A

Schedule of NYMEX Futures Prices
(for KNG Report effective April 1, 2007)

Year	Oil ($/Bbl) Cushing Light Sweet	Gas ($/MMBTU) HH
2007	64.64	7.95
2008	67.36	8.49
2009	67.71	8.19
2010	67.31	7.88
2011 & Thaf	66.82	7.64

TABLE 1

ROP. EASTLAND QUEEN UNIT (PDP-PRI.)
URKEY TRACK FIELD
DDY COUNTY, NM

DATE: 03/26/0
TIME: 15:27:1
FILE: 06047
PROP: 30
STID: BASE
.CMD: KNG
.OUT: KNG

RESERVES AND ECONOMICS

NG - TURKEY TRACK

AS OF APRIL 1, 2007

END-	---GROSS PRODUCTION---		----NET PRODUCTION----		--PRICES---		--------OPERATIONS, M$--------					10.00 PCT
)-YR	OIL, MBBL	GAS, MMCF	OIL, MBBL	GAS, MMCF	OIL $/B	GAS $/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES	CAPITAL COSTS, M$	CASH FLOW BTAX, M$	CUM. DISC BTAX, M$
-07	7.156	10.734	5.540	8.310	62.89	3.98	381.443	34.330	121.365	.000	225.748	217.868
-08	9.102	13.653	7.047	10.570	65.61	4.25	507.224	45.650	161.820	.000	299.754	484.056
-09	8.645	12.967	6.693	10.039	65.96	4.10	482.580	43.432	161.820	.000	277.328	707.941
-10	8.213	12.319	6.359	9.537	65.56	3.94	454.472	40.903	161.820	.000	251.749	892.700
-11	7.801	11.702	6.040	9.060	65.07	3.82	427.632	38.487	161.820	.000	227.325	1044.368
-12	7.412	11.118	5.738	8.608	65.07	3.82	406.255	36.562	161.820	.000	207.873	1170.449
-13	7.041	10.562	5.451	8.177	65.07	3.82	385.933	34.734	161.820	.000	189.379	1274.871
-14	6.689	10.033	5.179	7.768	65.07	3.82	366.672	33.001	161.820	.000	171.851	1361.014
-15	6.355	9.532	4.920	7.380	65.07	3.82	348.336	31.350	161.820	.000	155.166	1431.722
16	6.037	9.056	4.674	7.011	65.07	3.82	330.919	29.782	161.820	.000	139.317	1489.437
17	5.735	8.602	4.440	6.660	65.07	3.82	314.352	28.292	161.820	.000	124.240	1536.227
18	5.448	8.173	4.218	6.328	65.07	3.82	298.638	26.878	161.820	.000	109.940	1573.867
19	5.176	7.763	4.007	6.010	65.07	3.82	283.693	25.532	161.820	.000	96.341	1603.853
20	4.917	7.376	3.807	5.710	65.07	3.82	269.533	24.258	161.820	.000	83.455	1627.467
21	4.671	7.007	3.616	5.425	65.07	3.82	256.017	23.041	161.820	.000	71.156	1645.770
)T	100.398	150.597	77.729	116.593	65.08	3.90	5513.699	496.232	2386.845	.000	2630.622	1645.770
	16.463	24.695	12.746	19.118	65.07	3.82	902.413	81.217	647.280	.000	173.916	1682.245
L	116.861	175.292	90.475	135.711	65.08	3.89	6416.112	577.449	3034.125	.000	2804.538	1682.245
	720.879	984.919		NET OIL REVENUES (M$)			5888.009					
				NET GAS REVENUES (M$)			528.103					
	837.740	1160.211		TOTAL REVENUES (M$)			6416.112					

						--------PRESENT WORTH PROFILE--------			
						DISC RATE	PW OF NET BTAX, M$	DISC RATE	PW OF NET BTAX, M$
RATE OF RETURN (PCT)	100.00	PROJECT LIFE (YEARS)	18.750			.0	2804.538	30.0	928.158
PAYOUT	03/31/2007	DISCOUNT RATE (PCT)	10.000			2.0	2486.586	35.0	839.171
PAYOUT (DISC)	03/31/2007	GROSS OIL WELLS	29.000			5.0	2114.708	40.0	767.647
NET INCOME/INVEST	.00	GROSS GAS WELLS	.000			8.0	1833.315	45.0	708.957
NET INCOME/INVEST (DISC)	.00	GROSS WELLS	29.000			10.0	1682.245	50.0	659.957
						12.0	1553.620	60.0	582.802
AL W.I. FRACTION	1.000000	INITIAL NET OIL FRACTION	.774200			15.0	1393.643	70.0	524.796
W.I. FRACTION	1.000000	FINAL NET OIL FRACTION	.774200			18.0	1264.022	80.0	479.562
CTION START DATE	12/01/06	INITIAL NET GAS FRACTION	.774200			20.0	1190.691	90.0	443.268
S IN FIRST LINE	9.00	FINAL NET GAS FRACTION	.774200			25.0	1041.634	100.0	413.471

TABLE 2

PROPOSED EASTLAND QN UT PROB

DATE: 03/26/
TIME: 15:27:
FILE: 06047
PROP: -1
STID: BASE
.CMD: KNG
.OUT: KNG

RESERVES AND ECONOMICS

KNG - TURKEY TRACK

AS OF APRIL 1, 2007

-END-	---GROSS PRODUCTION---		----NET PRODUCTION----		--PRICES---		--------OPERATIONS, M$--------					10.00 PC
MO-YR	OIL, MBBL	GAS, MMCF	OIL, MBBL	GAS, MMCF	OIL $/B	GAS $/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES	CAPITAL COSTS, M$	CASH FLOW BTAX, M$	CUM. DIS BTAX, M$
12-07	.000	.000	.000	.000	.00	.00	.000	.000	.135	.000	-.135	-.13(
12-08	-4.953	-8.460	-3.835	-6.550	65.61	4.25	-279.420	-25.147	480.180	2500.000	-3234.453	-2979.87
12-09	7.736	-.596	5.989	-.461	65.96	4.10	393.147	35.383	480.180	.000	-122.416	-3078.697
12-10	88.342	20.809	68.394	16.111	65.56	3.94	4547.388	409.265	480.180	.000	3657.943	-394.125
2-11	103.028	21.547	79.764	16.681	65.07	3.82	5253.965	472.857	480.180	.000	4300.928	2475.384
2-12	88.752	17.731	68.712	13.727	65.07	3.82	4523.526	407.118	480.180	.000	3636.228	4680.868
2-13	75.229	14.119	58.242	10.931	65.07	3.82	3831.564	344.840	480.180	.000	3006.544	6338.651
2-14	63.694	11.082	49.312	8.579	65.07	3.82	3241.503	291.735	480.180	.000	2469.588	7576.569
2-15	53.860	8.532	41.698	6.605	65.07	3.82	2738.520	246.467	480.180	.000	2011.873	8493.371
2-16	45.477	6.399	35.208	4.954	65.07	3.82	2309.909	207.893	480.180	.000	1621.836	9165.246
2-17	38.336	4.619	29.680	3.576	65.07	3.82	1944.938	175.044	480.180	.000	1289.714	9650.962
2-18	32.256	3.138	24.972	2.429	65.07	3.82	1634.207	147.078	480.180	.000	1006.949	9995.712
2-19	27.081	1.914	20.966	1.482	65.07	3.82	1369.919	123.293	480.180	.000	766.446	10234.265
-20	22.679	.903	17.558	.700	65.07	3.82	1145.174	103.066	480.180	.000	561.928	10393.263
-21	18.937	.075	14.661	.058	65.07	3.81	954.212	85.880	480.180	.000	388.152	10493.107
TOT	660.454	101.812	511.321	78.822	65.14	3.81	33608.552	3024.772	6722.655	2500.000	21361.125	10493.107
1.	48.445	-5.222	37.505	-4.042	65.07	3.82	2425.009	218.252	1800.720	.000	406.037	10582.875
TAL	708.899	96.590	548.826	74.780	65.14	3.81	36033.561	3243.024	8523.375	2500.000	21767.162	10582.875
1.	.000	.000										
.	708.899	96.590										

NET OIL REVENUES (M$)	35748.879				
NET GAS REVENUES (M$)	284.682				
TOTAL REVENUES (M$)	36033.561				
X RATE OF RETURN (PCT)	56.72	PROJECT LIFE (YEARS)	18.750		
X PAYOUT	11/30/2010	DISCOUNT RATE (PCT)	10.000		
X PAYOUT (DISC)	02/20/2011	GROSS OIL WELLS	1.000		
X NET INCOME/INVEST	9.71	GROSS GAS WELLS	.000		
X NET INCOME/INVEST (DISC)	5.55	GROSS WELLS	1.000		

---------PRESENT WORTH PROFILE---------

DISC RATE	PW OF NET BTAX, M$	DISC RATE	PW OF NET BTAX, M$
.0	21767.162	30.0	2780.295
2.0	18700.739	35.0	1928.434
5.0	15011.197	40.0	1277.185
8.0	12145.338	45.0	772.660
10.0	10582.875	50.0	377.405
12.0	9242.103	60.0	-184.256
15.0	7566.363	70.0	-545.117
18.0	6208.939	80.0	-781.216
20.0	5444.754	90.0	-936.980
25.0	3912.238	100.0	-1039.520

Table 3

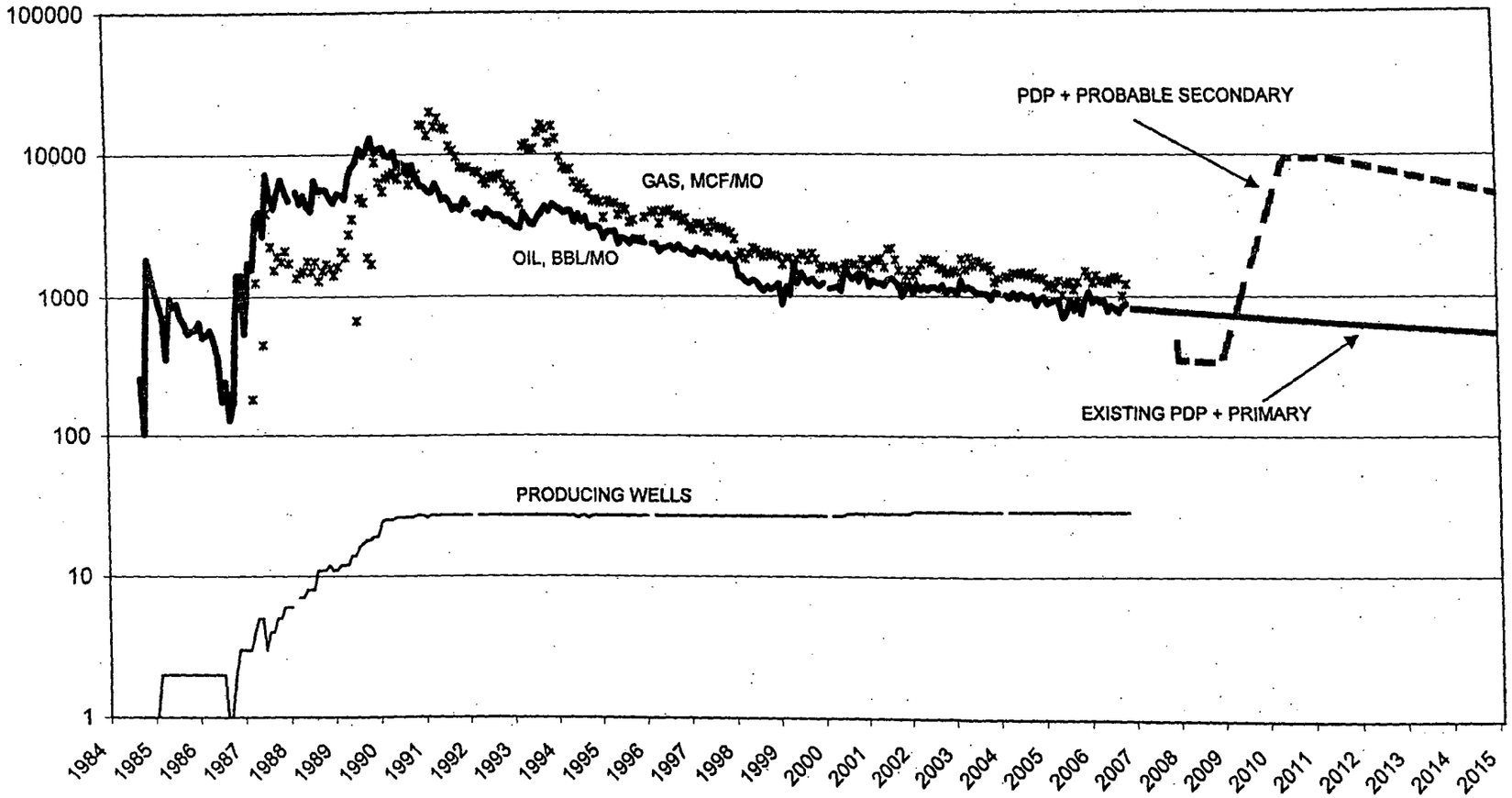
Turkey Track Queen Field
Eddy, New Mexico
Analogy Comparison

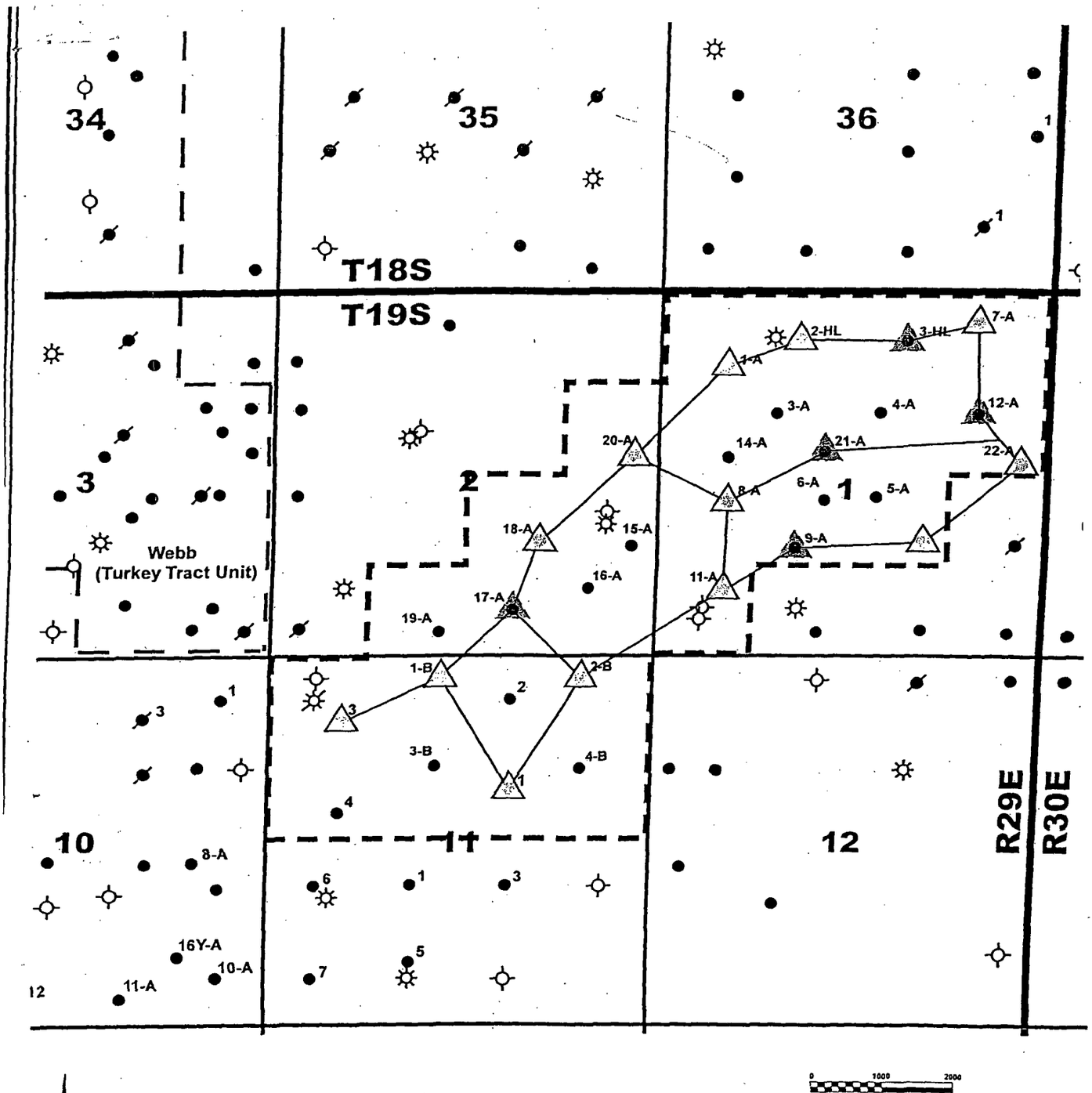
	Proposed Eastland Queen Unit	Analogy Turkey Track Queen Field
Location	Part Sec 1 & 2, N/2 Sec 11-T19S-R29E	Sec 34-T18S-R29E, Sec 3-T19S-R29E
Type of Trap	Stratigraphic	Stratigraphic
Discovery Data	Sep-84	Mar-44
Reservoir Characteristics		
Formation, Depth ft.	Upper Queen Sand, 2250	Upper Queen Sand, 2150
Primary Drive Mechanism	Solution Gas	Solution Gas
Net Average Thickness, ft	9 est (15% Φ cutoff)	21 Gross (11.3 Net)
Area, ac	860	720
Average Porosity, %	17	19.5
Initial Water Saturation, %	35 est	35
Fluid Characteristics		
Oil Gravity, °API @ 60°F	34	34
Initial BHP, psig	NA	NA
Reservoir Temperature, °F	87	86 est
Original Solution GOR, Scf/Bbl	350 est	NA
Oil FVF, RB/STB	1.13 est	NA
Reserves		
OOIP, MSTB (Vol)	5729	NA
Primary EUR, MSTB (RF%)	734 (13%)	367 (NA)
Per Well	25	20
Secondary EUR, MSTB	734 (13%)	367 (NA)
S/P Ratio	1.0	1.0
Make-up Water Source	To be determined	Rustler (brackish)
Well Count		
Producers	12 Ph I & II	20
Injectors	18 PH I & II	27
Production Profile		
Peak Oil Rate - Primary, BOPD/Well	14 (25w)	10 (17w)
Peak Oil Rate - Secondary, BOPD/Well	26 (12w) est	9 (18w)*
Average Maximum Injection Rate, BWPD/Well	75 est	100-125

Note: *Phased Injection

FIG. 1

PROPOSED EASTLAND QUEEN UNIT
TURKEY TRACK FIELD
EDDY COUNTY, NEW MEXICO





Beach Exploration, Inc.

EASTLAND QUEEN UNIT

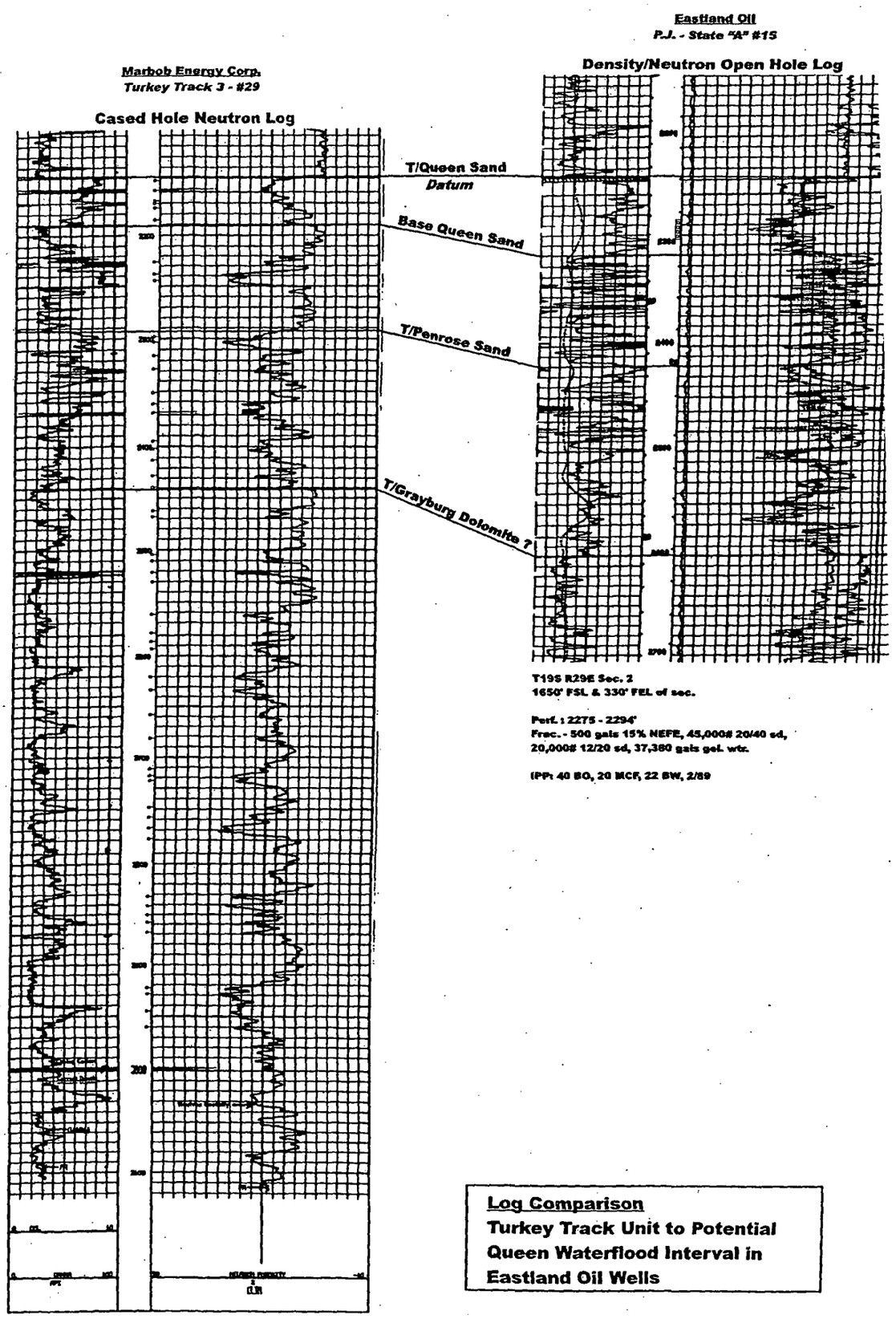
EDDY COUNTY, NEW MEXICO

INJECTION
PHASE I & II
18 Inj - 12 Prd

GEOLOGY :
ENGINEERING :

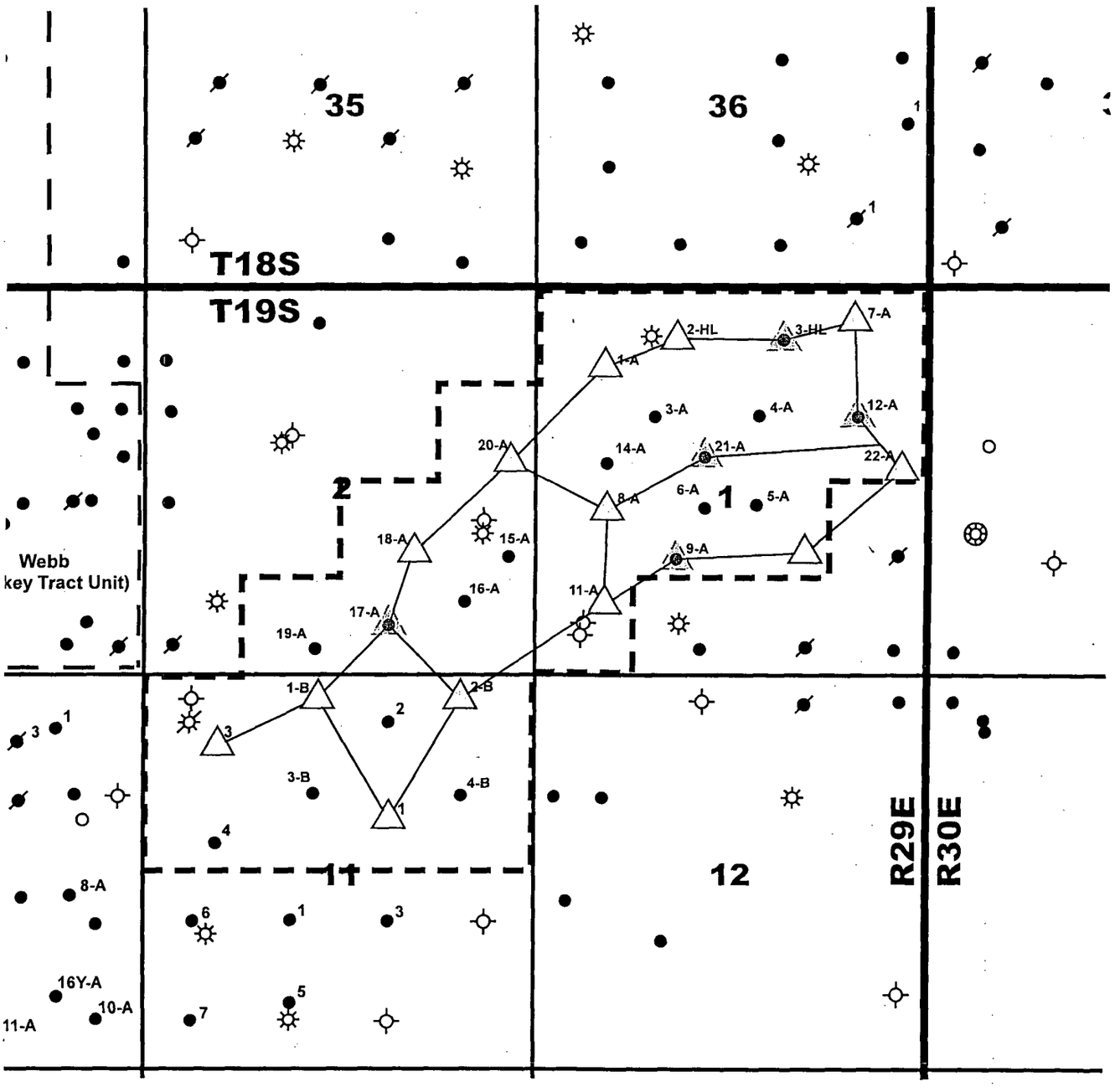
SCALE :1in. = 2000 ft.

FIG.



Log Comparison
Turkey Track Unit to Potential Queen Waterflood Interval in Eastland Oil Wells

FIG. 3



N

△ Injection Well Phase I

△ Injection Well Phase II

Beach Exploration, Inc.

Beach Exploration, Inc.

EASTLAND QUEEN UNIT

EDDY COUNTY, NEW MEXICO

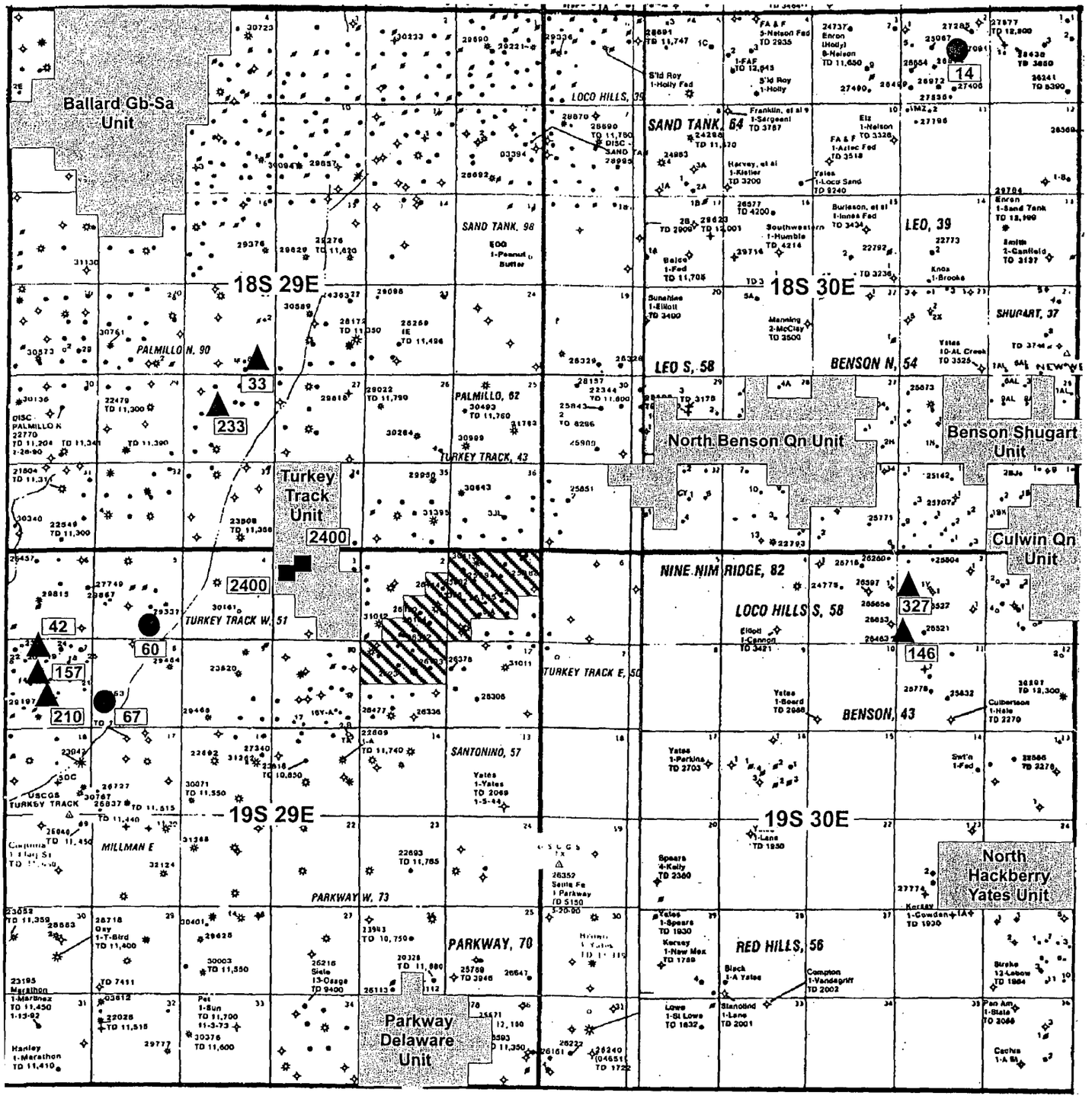
Form C108 Item VII

DEVELOPMENT PLAT

GEOLOGY :

ENGINEERING :

SCALE :1in. = 2000 ft.



SWD (bwpd) — Disposal Well (water available)

INJ (bwpd) — Injection Well (water not available)

WSW (bwpd) — Fresh Water Supply Well (water available - diverted for Oil Expl)

Units (water not available) Fresh Water Used for Make-up

Proposed Unit

Beach Exploration, Inc.

Beach Exploration, Inc.

EASTLAND QUEEN UNIT

EDDY COUNTY, NEW MEXICO

Area Makeup Water Source Map

(estimated requirement 2700 bwpd)

GEOLOGY :

ENGINEERING :

SCALE :1in. = 8000 ft.

RECEIVED JUL 11 2007

P.O. BOX 98
MIDLAND, TX. 79702
PHONE (432) 683-4521

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
FAX (432) 682-8819

RESULT OF WATER ANALYSES

LABORATORY NO. 707-19
SAMPLE RECEIVED 6-29-07
RESULTS REPORTED 7-10-07

TO: Mr. Jack Rose
800 N. Marienfeld, Suite 200, Midland, TX 79701

COMPANY Beach Exploration LEASE Rock House Ranch
FIELD OR POOL Sec 3, 19S&29E
SECTION ____ BLOCK ____ SURVEY ____ COUNTY Eddy STATE NM
SOURCE OF SAMPLE AND DATE TAKEN:
NO. 1 Submitted water sample - taken from water well on 6-27-07.
NO. 2
NO. 3
NO. 4
REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0057			
pH When Sampled				
pH When Received	7.00			
Bicarbonate as HCO_3	112			
Supersaturation as $CaCO_3$				
Undersaturation as $CaCO_3$				
Total Hardness as $CaCO_3$	3,100			
Calcium as Ca	880			
Magnesium as Mg	219			
Sodium and/or Potassium	1,050			
Sulfate as SO_4	2,006			
Chloride as Cl	2,272			
Iron as Fe	0.1			
Barium as Ba	0			
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	6,538			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	0.980			
Suspended Oil				
Filtrable Solids as mg/l	6.7			
Volume Filtered, ml	750			
Nitrate	3.5			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks: Please feel free to contact us if additional information or comments are needed.

Form No. 3

By Greg Ogden, B.S.

LATHAM PRINTING CO. - 333-1292

Martin Water Laboratories, Inc.

Analysts & Consultants since 1953
Bacterial & Chemical Analysis

TO: Mr. Jack Rose
800 N. Marienfeld, Suite 200
Midland, TX 79701

Laboratory No.	707-91
Sample Received	6-29-07
Results Reported	7-11-07

COMPANY: Beach Exploration

LEASE: Rock House Ranch

SUBJECT: To make microscopic examination of suspended solids for particle sizing.

Source of Sample and Date Taken	Microscopic Examination of Suspended Solids for Particle Sizing
Submitted water sample - taken from water well on 6-27-07	10% - <5μ 40% - 5-10μ 40% - 10-30μ 8% - 30-60μ 2% - 60-100μ

Remarks: Please feel free to contact us for any details or discussions concerning the above results.

Greg Ogden, B.S.

(432) 683-4521 * 709 W. Indiana, Midland, Texas 79701 * (fax) 682-8819
Remit to Address: P.O. Box 98, Midland, Texas 79702
Visit our Website @: www.martinwaterlabs.com

Martin Water Laboratories, Inc.

Analysts & Consultants since 1953
Bacterial & Chemical Analysis

To: Mr. Jack Rose
800 N. Marienfeld, Suite 200
Midland, TX 79701

Laboratory No. TB707-83
Sample Received 6-29-07
Sample Reported 7-10-07

Company: Beach Exploration
County: Eddy, NM
Field:
Lease: Rock House Ranch

Source of sample and date taken:
1. Submitted water sample - taken from water well on 6-27-07.

	#1
Iron bacteria	Not detected
Sulfur bacteria	Not detected
Sulfate-reducing bacteria	Not detected
Other aerobes	342000
Other anaerobes	Not detected
Fungi (& aciduric bacteria)	Not detected
Algae	Not detected
Protozoa	Not detected
Total Count	342,000

Note: All numerical results are reported as the number of cells per milliliter of the sample as determined by plate counts; except iron, algae, and protozoa, which are determined microscopically.

Remarks: These results show aerobic bacterial activity to be present, but no sulfate-reducers at this time.

Greg Ogden, B.S.

(432) 683-4521 * 709 W. Indiana, Midland, Texas 79701 * (fax) 682-8819
Remit to Address: P.O. Box 98, Midland, Texas 79702
Visit our Website @: www.martinwaterlabs.com

Pro-Kem, Inc.
WATER ANALYSIS REPORT

SAMPLE

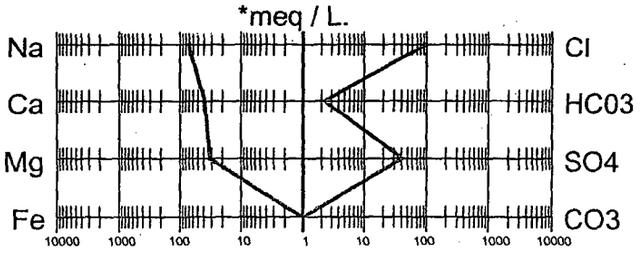
Oil Co. : **Beach Exploration**
Lease : **Rockhouse Exploration**
Well No.: **Water Well**
Location:
Attention:

Date Sampled : **31-July-2007**
Date Analyzed: **10-August-2007**
Lab ID Number: **Aug1007.003- 1**
Salesperson :
File Name : **aug1007.003**

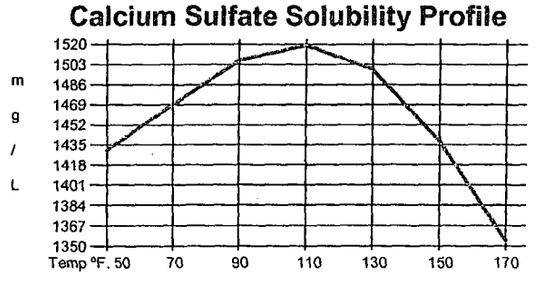
ANALYSIS

1.	Ph			**7.460**		
2.	Specific Gravity 60/60 F.			**1.015**		
3.	CACO3 Saturation Index		@ 80F	**0.343**	**Mild**	
			@140F	**1.183**	**Moderate**	
	Dissolved Gasses			**MG/L.**	**EQ. WT.**	***MEQ/L**
4.	Hydrogen Sulfide			**Not Present**		
5.	Carbon Dioxide			**Not Determined**		
6.	Dissolved Oxygen			**Not Determined**		
	Cations					
7.	Calcium	(Ca++)		**740**	/ 20.1 =	**36.82**
8.	Magnesium	(Mg++)		**379**	/ 12.2 =	**31.07**
9.	Sodium	(Na+)	(Calculated)	**1,599**	/ 23.0 =	**69.52**
10.	Barium	(Ba++)		**Not Determined**		
	Anions					
11.	Hydroxyl	(OH-)		**0**	/ 17.0 =	**0.00**
12.	Carbonate	(CO3=)		**0**	/ 30.0 =	**0.00**
13.	Bicarbonate	(HCO3-)		**135**	/ 61.1 =	**2.21**
14.	Sulfate	(SO4=)		**1,900**	/ 48.8 =	**38.93**
15.	Chloride	(Cl-)		**3,399**	/ 35.5 =	**95.75**
16.	Total Dissolved Solids			**8,152**		
17.	Total Iron	(Fe)		**2.50**	/ 18.2 =	**0.14**
18.	Manganese	(Mn++)		**Not Determined**		
19.	Total Hardness as CaCO3			**3,409**		
20.	Resistivity @ 75 F. (Calculated)			**0.766** Ohm · meters		

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT.	=	mg/L.
Ca(HCO3)2	**2.21**		81.04		**179**
CaSO4	**34.61**		68.07		**2,356**
CaCl2	**0.00**		55.50		**0**
Mg(HCO3)2	**0.00**		73.17		**0**
MgSO4	**4.33**		60.19		**261**
MgCl2	**26.74**		47.62		**1,273**
NaHCO3	**0.00**		84.00		**0**
NaSO4	**0.00**		71.03		**0**
NaCl	**69.01**		58.46		**4,034**

* milliequivalents per Liter

Kevin Byrne, Analyst

Pro-Kem, Inc.
WATER ANALYSIS REPORT

SAMPLE

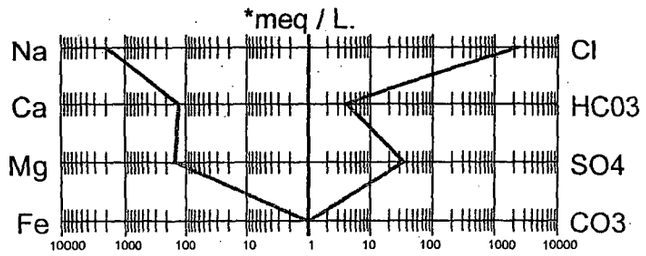
Oil Co. : **The Eastland Oil Company**
Lease : **P. J. State A**
Well No.:
Location: **Heater Treater**
Attention:

Date Sampled : **1-August-2007**
Date Analyzed: **10-August-2007**
Lab ID Number: **Aug1007.003- 4**
Salesperson :
File Name : **aug1007.003**

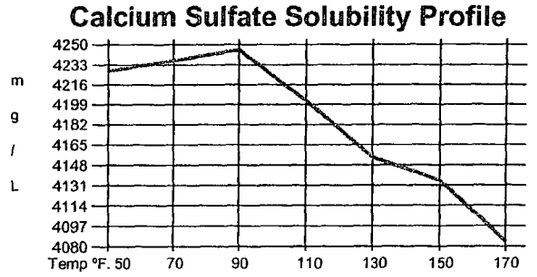
ANALYSIS

1.	Ph		**7.000**			
2.	Specific Gravity 60/60 F.		**1.095**			
3.	CACO3 Saturation Index	@ 80F	**0.201**	**Mild**		
		@140F	**1.081**	**Moderate**		
	Dissolved Gasses			**MG/L.**	**EQ. WT.**	***MEQ/L**
4.	Hydrogen Sulfide			**20**		
5.	Carbon Dioxide			**45**		
6.	Dissolved Oxygen			**Not Determined**		
	Cations					
7.	Calcium	(Ca++)		**2,501**	/ 20.1 =	**124.43**
8.	Magnesium	(Mg++)		**1,707**	/ 12.2 =	**139.92**
9.	Sodium	(Na+)	(Calculated)	**44,705**	/ 23.0 =	**1,943.70**
10.	Barium	(Ba++)		**Not Determined**		
	Anions					
11.	Hydroxyl	(OH-)		**0**	/ 17.0 =	**0.00**
12.	Carbonate	(CO3=)		**0**	/ 30.0 =	**0.00**
13.	Bicarbonate	(HCO3-)		**246**	/ 61.1 =	**4.03**
14.	Sulfate	(SO4=)		**1,650**	/ 48.8 =	**33.81**
15.	Chloride	(Cl-)		**76,983**	/ 35.5 =	**2,168.54**
16.	Total Dissolved Solids			**127,792**		
17.	Total Iron	(Fe)		**4.00**	/ 18.2 =	**0.22**
18.	Manganese	(Mn++)		**Not Determined**		
19.	Total Hardness as CaCO3			**13,272**		
20.	Resistivity @ 75 F. (Calculated)			**0.059** Ohm · meters		

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X EQ. WT.	= mg/L.
Ca(HCO3)2	**4.03**	81.04	**326**
CaSO4	**33.81**	68.07	**2,302**
CaCl2	**86.59**	55.50	**4,806**
Mg(HCO3)2	**0.00**	73.17	**0**
MgSO4	**0.00**	60.19	**0**
MgCl2	**139.92**	47.62	**6,663**
NaHCO3	**0.00**	84.00	**0**
NaSO4	**0.00**	71.03	**0**
NaCl	**1,942.03**	58.46	**113,531**

* milliequivalents per Liter

Kevin Byrne

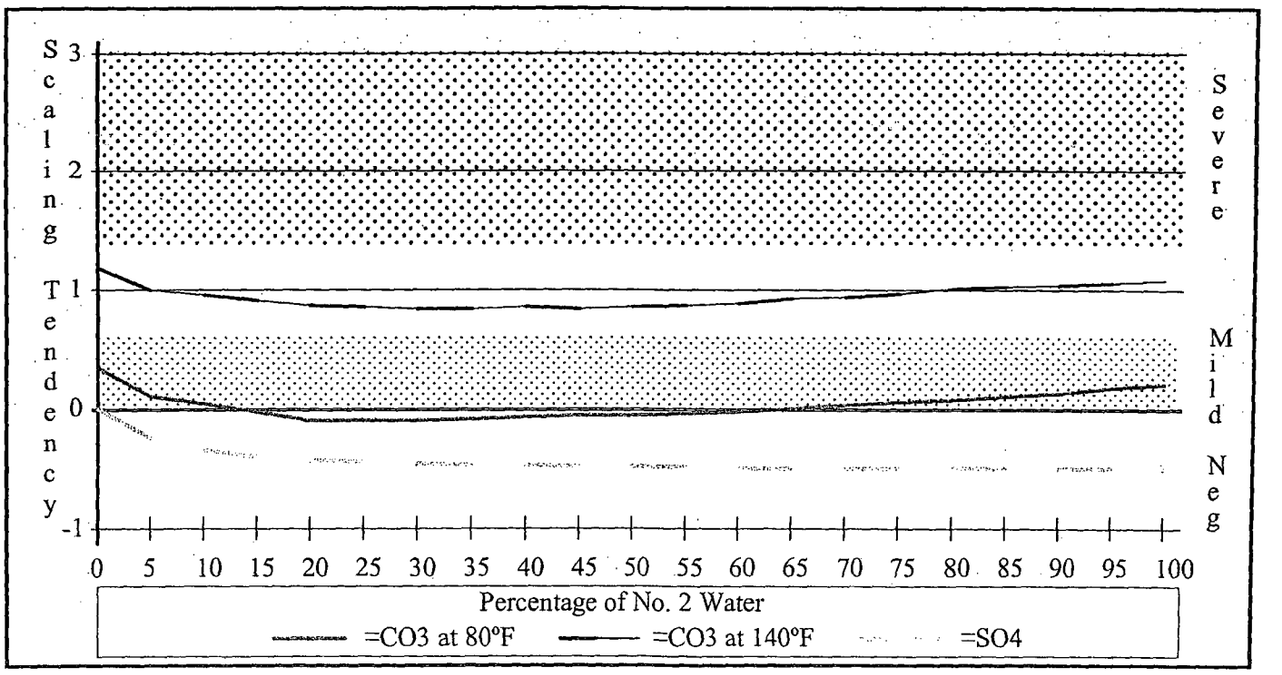
Kevin Byrne, Analyst

Comparison Between Two Waters

Requested by: Pro-Kem, Inc.

	Sample No. 1	**Sample No. 2**
	Beach Exploration	The Eastland Oil Company
	Water Well	P.J. State A Heater Treater
	10-August-2007	10-August-2007

Percent of #1 & #2	**pH**	**TDS**	**SpGr**	**CaCO3 Saturation @80°F.**	**CaCO3 Saturation @140°F.**	**Calcium Sulfate Scaling Potential**
100 - 00	7.460	8,152	1.015	0.343	1.183	Marginal
95 - 05	7.437	14,134	1.019	0.106	1.006	Nil
90 - 10	7.414	20,116	1.023	0.044	0.954	Nil
85 - 15	7.391	26,098	1.027	-0.023	0.917	Nil
80 - 20	7.368	32,080	1.031	-0.104	0.866	Nil
75 - 25	7.345	38,062	1.035	-0.098	0.852	Nil
70 - 30	7.322	44,044	1.039	-0.096	0.844	Nil
65 - 35	7.299	50,026	1.043	-0.086	0.844	Nil
60 - 40	7.276	56,008	1.047	-0.073	0.852	Nil
55 - 45	7.253	61,990	1.051	-0.062	0.848	Nil
50 - 50	7.230	67,972	1.055	-0.058	0.852	Nil
45 - 55	7.207	73,954	1.059	-0.046	0.874	Nil
40 - 60	7.184	79,936	1.063	-0.033	0.885	Nil
35 - 65	7.161	85,918	1.067	-0.005	0.925	Nil
30 - 70	7.138	91,900	1.071	0.023	0.943	Nil
25 - 75	7.115	97,882	1.075	0.050	0.970	Nil
20 - 80	7.092	103,864	1.079	0.076	1.011	Nil
15 - 85	7.069	109,846	1.083	0.101	1.026	Nil
10 - 90	7.046	115,828	1.087	0.135	1.040	Nil
05 - 95	7.023	121,810	1.091	0.169	1.059	Nil
00 - 100	7.000	127,792	1.095	0.201	1.081	Nil



RECEIVED AUG 3 0 200

Pro-Kem, Inc.
P K I
Box 1506
Lovington, NM 88260
505-396-7433

8-28 -07

Beach Exploration, Inc.
800 N. Marienfeld
Suite 200
Midland, Texas 79701

Attn: Jack Rose

RE: Rockhouse
Water Well

Dear Jack:

This letter is to confirm our recent conversation concerning the subject well.

The oxygen count was 1.0 plus ppm (mg/L) and is a good canidate for an oxygen scavenger. The SRB test showed zero bacteria.

Singerely,

Bob

Robert I. Johnson
Pro-Kem, Inc.