Coastal Oil & Gas Corporation
a subsidiary of The Coastal Corporation

Briercroft Savings Building
200 North Loraine
P.O. Box 235
Midland, Texas 79702 - 0235

915/682 - 7925

June 22, 1984

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 88240

RE: OCD Case 8210
~~Coastal Oil &~~ Gas Corporation
Application for Authorization
to Inject

Gentlemen:

Enclosed you will find copies of Form C-108, Application for Authorization to Inject, with all requested information attached thereto, requesting permission to dispose of produced water into two wells in Lea County, New Mexico. The two subject wells are Coastal's State "22" Well No. 1 located in Section 22 and State "27" Well No. 1 located in Section 27, both of which are in T-14-S, R-32-E, Lea County, New Mexico. We understand this matter is currently scheduled for hearing before the Oil Conservation Division on July 11, 1984 under the above docket number.

By copy of this letter, Application, and all attachments, the surface owners and all leasehold operators within one-half mile of each of the subject wells have been notified of this filing. It is understood that the surface owners or offset operators may object to this application and may appear at the scheduled hearing.

Yours very truly,

H. E. Clarke

H. E. Clarke
District Production Manager

HEC/lkw

enclosures

cc: Distribution list attached

COASTAL OIL & GAS CORPORATION
C-108 MAILING LIST
JUNE 22, 1984

Yates Petroleum
207 S. 4th
Artesia, New Mexico 88210
Attn: Mr. Dave Boneau

Gulf Oil Exploration and Production Company
P. O. Box 1150
Midland, Texas 79702

Amoco Production Company, USA
P. O. Box 68
Hobbs, New Mexico 88240

Mr. Billy Frank Good
P. O. Box 333
Caprock, New Mexico 88213

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

State Land Office
State of New Mexico
State Land Office Building
Santa Fe, New Mexico 87501

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☒ no

II. Operator: Coastal Oil & Gas Corporation

Address: P. O. Box 235, Midland, Texas 79702

Contact party: David G. Campbell Phone: 915-682-7925

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 ☒ 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 geological data on the injection zone including appropriate lithologic detail, geological 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 source 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 source 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: David G. Campbell Title Sr. Petroleum Engineer

Signature: David G Campbell Date: June 22, 1984

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. X- complete logs were filed upon completion of subject wells.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division 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 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, P. O. Box 2088, Santa Fe, New Mexico 87501 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.

Data for Form C-108 Dated June 22, 1984
Coastal Oil & Gas Corporation

VII. Data on proposed operation:

1. We propose to inject at an average rate of 1000 BWPD into the two proposed wells with a maximum total rate of 2200 BWPD. The maximum total volume to be injected into the two proposed disposal wells is anticipated to be 8,000,000 barrels of produced water.

2. This will be a closed system.

3. We anticipate an average injection pressure of 750 psig with a maximum of 1500 psig anticipated.

4. Attached is a water analysis of the Penn zone produced water which will be the only source of injected fluid.

5. Attached is a water analysis of the San Andres produced water from State "27" Well No. 1, the proposed disposal zone that is non-productive of oil or gas in this area.

VIII. Geological data:

The proposed disposal zone is the San Andres formation, a locally anhydritic and limey dolostone of Guadalupian (Middle Permian) age. In the Tulk Field Area the San Andres formation is approximately 1800' thick between the depths (more or less) of 4100' and 5900' below the surface. The Ogalalla formation with a maximum depth of approximately 300 feet below the surface is the only source of drinking water in this area.

IX. Proposed stimulation program:

We propose to isolate the proposed injection zone in State "22" Well No. 1 by perforating squeeze holes below the proposed zone and circulating cement behind the 5½" casing across the proposed zone. A cement bond log will be run and the proposed perforations shot. We propose to treat these perforations with 4000 gal. 15% HCl. A schematic of this well set up for injection has been attached. The proposed injection zone in State "27" Well No. 1 has previously had cement circulated across this interval. Additional perforations will be added and treated with 4000 gal. 15% HCl. A schematic of this well set up for injection has been attached.

X. Logs

A copy of the Sidewall Neutron Log across the proposed injection interval for each well has been attached. The proposed injection intervals for each well has been shown on these logs.

XI. Fresh water analysis

A copy of a fresh water analysis secured from a windmill located in the SW¼ SW¼ Sec. 35, T-14-S, R-32-E has been attached. This is the only fresh water supply well known in this area.

XII. Affirmation

Coastal Oil & Gas Corporation has examined the available geological and engineering data for this area and has found no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Proof of Notice

A copy of this application complete with all attachments has been furnished by certified mail, return receipt requested, to the surface owner of the land on which each proposed disposal well is located and to each leasehold operator within one-half mile of each proposed disposal well. These copies were mailed to each party shown on the attached mailing list on June 22, 1984.

COASTAL OIL & GAS CORPORATION
C-108 MAILING LIST
JUNE 22, 1984

Yates Petroleum
207 S. 4th
Artesia, New Mexico 88210
Attn: Mr. Dave Boneau

Gulf Oil Exploration and Production Company
P. O. Box 1150
Midland, Texas 79702

Amoco Production Company, USA
P. O. Box 68
Hobbs, New Mexico 88240

Mr. Billy Frank Good
P. O. Box 333
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State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

State Land Office
State of New Mexico
State Land Office Building
Santa Fe, New Mexico 87501

INJECTION WELL DATA SHEET

SIDE 1

Coastal Oil & Gas Corporation — OPERATOR
State "22" — LEASE

1 — WELL NO.
1980' FSL & 660' FEL — FOOTAGE LOCATION
22 — SECTION
14-S — TOWNSHIP
32-E — RANGE

Lea County

Schematic

SEE ATTACHED WELLBORE DIAGRAMS

Tabular Data

Surface Casing set @ 392'

Size 13 3/8" Cemented with 450 sx.

TOC surface feet determined by cement circulated

Hole size 17½"

Intermediate Casing set @ 4015'

Size 8 5/8" Cemented with 300 sx.

TOC surface feet determined by cement circulated

Hole size 11"

Long string

Size 5½" Cemented with 200 sx.

TOC 8260 feet determined by claculation

Hole size 7 7/8"

Total depth 10,000'

Injection interval proposed perforations

5100 feet to 5367 feet

(perforated or open hole, indicate which)

PROPOSED
Tubing size 2 3/8" lined with Salta PVC (material) set in a

5½" Baker "AD-1" (brand and model) packer at 5060 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres

2. Name of Field or Pool (if applicable) _____

3. Is this a new well drilled for injection? /_/ Yes /X/ No

   If no, for what purpose was the well originally drilled? drilled as producer in Penn formation in Tulk (Penn) Field

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Penn perforations 9791-9799', 9811-9819', 9942-9954'. Prosped plugs shown on attached well bore schematic labelled "Well Status-Proposed".

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Penn zone - average top @ 9700'. No other zones productive.

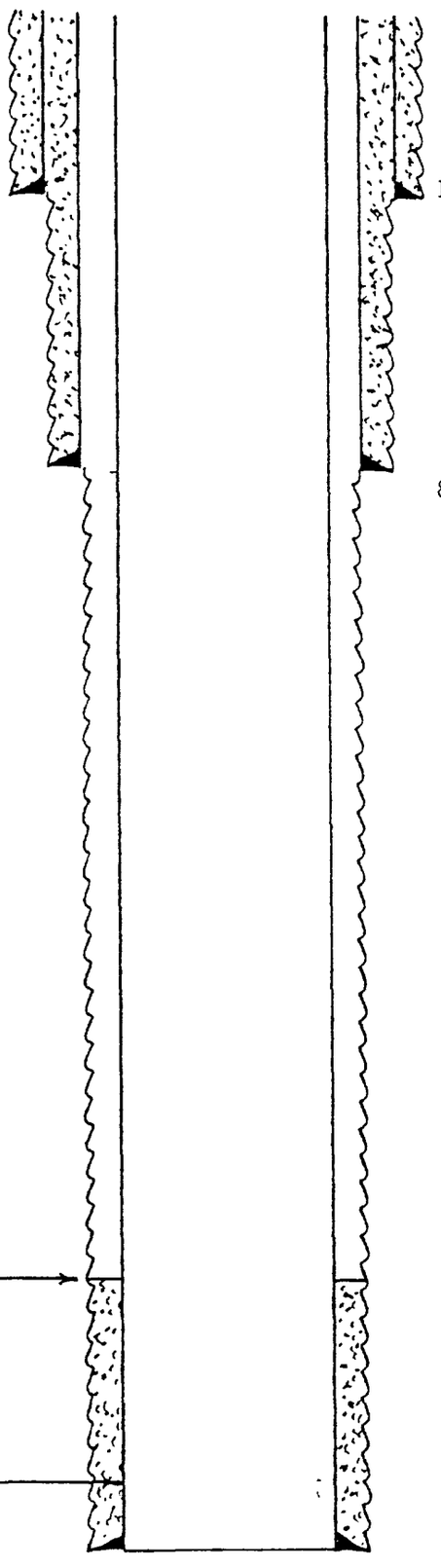
Well Status **CURRENT** Date 6-21-84

Lease State "22" Well No. 1 Operator Coastal Oil & Gas Corp.

Location 1980 ft. from S Line & 660 ft from E Line, Sec, 22, Blk _____

Survey T-14-S, R-32-E County Lea State New Mexico

Elevation 4312' KB Remarks Spud 7-28-68; Comp. 9-9-68; Converted to injection in Penn 1-6-69



13 3/8 Csg.Set @ 392'

Cmt.W/ 450 sx Cl "C" w/2% CaCl. Cmt. circ. to surf. 17 1/2" hole. 7-28-68

8 5/8 Csg.Set @ 4015'

Cmt.W/ 300 sx. Cl "C" w/2% CaCl. Cmt. circ. to surf. 11" hole 8-4-68

Calculated TOC 8260'

Penn perforations
9791-99'
9811-19'
9942-54'

TD-10,000'

5 1/2 Csg.Set @ 10,000'

Cmt.W/ 200 sx. Cl "C" 1:1 Poz w/2% gel, .5% CFR-2 & 9#/sk salt. 7 7/8" hole. 8-24-68

Coastal Oil and Gas Corporation	State "27"			
OPERATOR	LEASE			
1	1980' FNL & 660' FEL	27	14-S	32-E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Lea County

Schematic

SEE ATTACHED WELLBORE DIAGRAMS

Tabular Data

Surface Casing - Set @ 400'

Size 13 3/8 " Cemented with 400 sx.

TOC surface feet determined by cement circulated

Hole size 17½"

Intermediate Casing - Set @ 4045'

Size 8 5/8 " Cemented with 300 sx.

TOC 3050 feet determined by calculation

Hole size 11"

Long string - Set @ 9950'

Size 5½ " Cemented with 200 sx.

TOC 8000 feet determined by calculation

Hole size 7 7/8"

Total depth 9965

Injection interval - proposed perforations

5100 feet to 5285 feet

(perforated or open-hole, indicate which)

Tubing size 2 3/8" lined with Salta PVC (material) set in a

5½" Baker "AD-1" (brand and model) packer at 5060 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres

2. Name of Field or Pool (if applicable) _____

3. Is this a new well drilled for injection? /_/ Yes /X/ No

   If no, for what purpose was the well originally drilled? drilled as producer in Penn formation in Tulk (Penn) Field

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Penn perforations - 9720-9728', 9758-9769', 9790-9798'. Plugged back with CIBP @ 9680' w/40' cmt. on top, cement plugs 7475-7575', 6780-6870'. Perfs @ 5325. Cmt. ret. @ 5290'. Sqz. w/200 sx. TOC @ 4200' by temperature survey

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Penn zone - average top 9700'. No other zones productive.

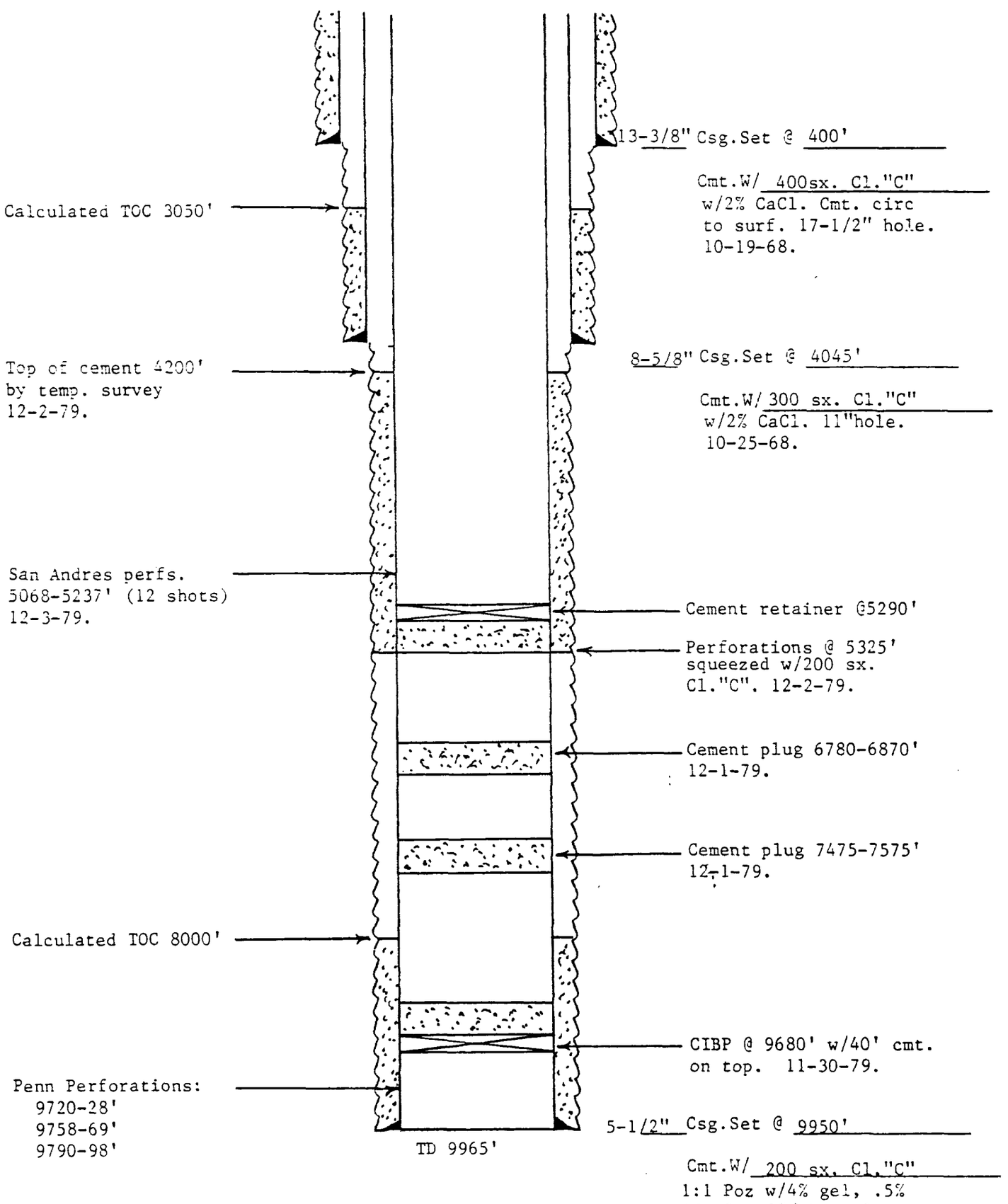
Well Status **CURRENT** Date 6-21-84

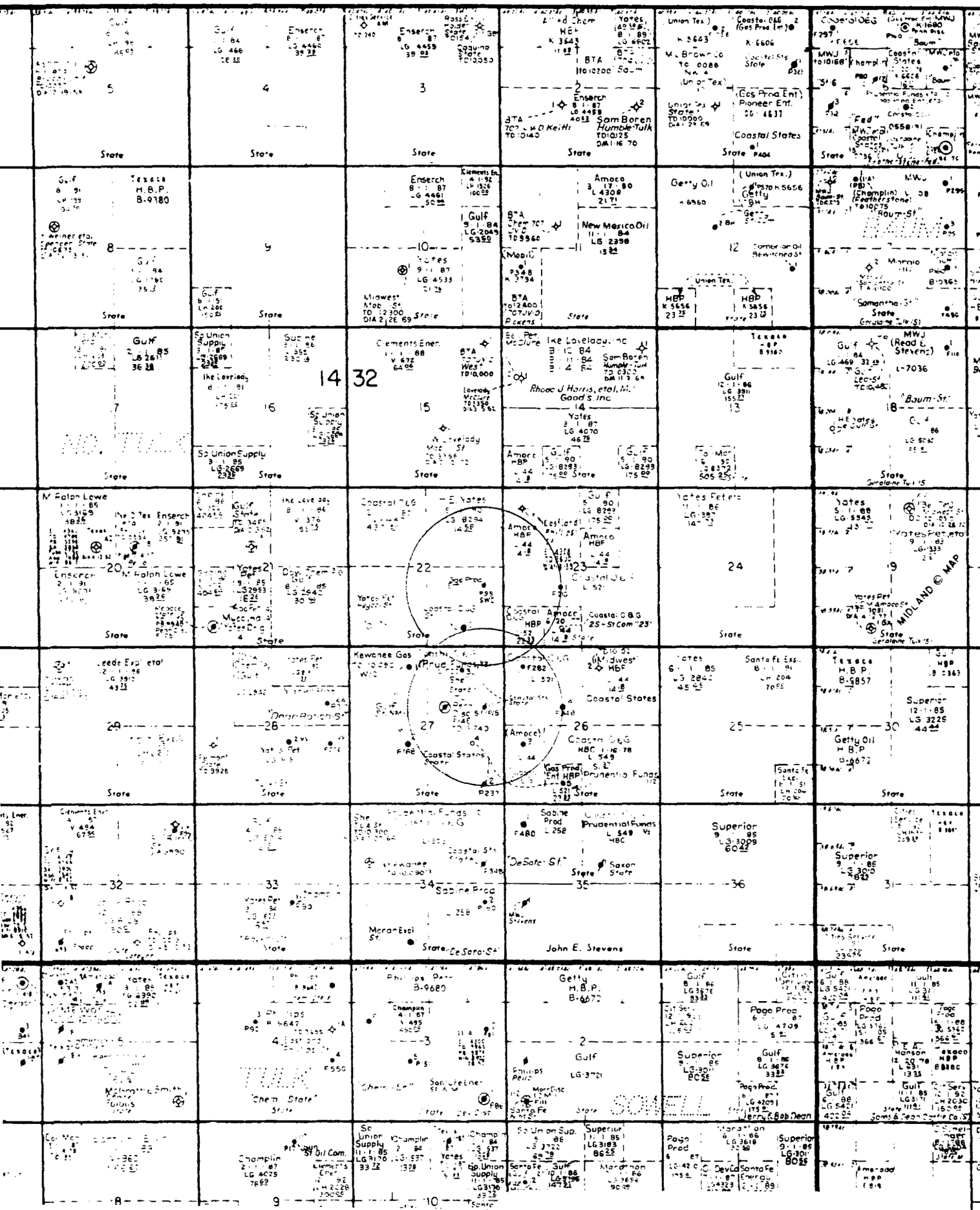
Lease State "27" Well No. 1 Operator Coastal Oil & Gas Corp.

Location 1980 ft. from N Line & 660 ft from E Line, Sec, 27, Blk

Survey T-14-S, R-32-E County Lea State New Mexico

Elevation 4309' KB Remarks Spud 10-19-68; Comp. 1-15-69;





COASTAL OIL & GAS CORPORATION

AREA OF REVIEW - ONE-HALF MILE RADIUS
AROUND PROPOSED SAN ANDRES DISPOSAL WELLS

STATE "22" WELL #1, SECTION 22
STATE "27" WELL #1, SECTION 27

T-14-S, R-32-E, LEA COUNTY, NEW MEXICO

6-21-84 DGC

TABULATION OF WELLS IN AREA OF REVIEW FOR
COASTAL OIL AND GAS CORPORATION
STATE "22" WELL NO. 1
SEC. 22, T-14-S, R-32-E
LEA COUNTY, NEW MEXICO

OPERATOR:	Coastal Oil & Gas Corporation	
WELL:	State "22" Well No. 2	
STATUS:	Producing Oil Well	
LOCATION:	660' FSL & 1340' FEL, Sec. 22, T-14-S, R-32-E	
SPUD:	11-29-83 Completed 1-20-84 TD - 9900'	
CONSTRUCTION:	17½" hole 13 3/8" csg. set @ 428'	Cmt. w/450 sx. Cmt. circ. to surface
	11" hole 8 5/8" csg. set @ 4100'	Cmt. w/1450 sx. Cmt. circ. to surface
	7 7/8" hole 5½" csg. set @ 9900'	Cmt. w/500 sx. TOC - 7900' by CBL
PERFORATIONS:	9765-73', 9784-89', 9805-14', 9822-26', 9847-55'	
TREATMENTS:	9765-9826 6000 gal. 15% NE-FE acid	
	9847-55' 2000 gal. 15% NE-FE acid	
TUBING:	2 7/8" @ 9834' no packer	
POTENTIAL:	183 BO, 147 BW, 221 MCFG - pumping	

OPERATOR:	Coastal Oil & Gas Corporation	
WELL:	State "23" Well No. 1	
STATUS:	Producing Oil Well	
LOCATION:	1980' FSL & 1980' FWL, Sec. 23, T-14-S, R-32-E	
SPUD:	8-25-68 Completed 10-4-68 TD - 10,100'	
CONSTRUCTION:	17½" hole 13 3/8" csg. set @ 375'	Cmt. w/400 sx. Cmt. circ. to surface
	11" hole 8 5/8" csg. set @ 4020'	Cmt. w/300 sx. Calculated TOC - 2240'
	7 7/8" hole 5½ csg. set @ 10,100'	Cmt. w/200 sx. Calculated TOC - 8460'
PERFORATIONS:	9891-96'	
TREATMENTS:	9891-96' treated w/1500 gal. 28% HCl & 1500 gal. 15% HCl	
TUBING:	2 3/8" @ 9773' no packer	
POTENTIAL:	210 BO, 650 BW, 252 MCF - pumping	

TABULATION OF WELLS IN AREA OF REVIEW FOR
COASTAL OIL AND GAS CORPORATION
STATE "27" WELL NO. 1
SEC. 27, T-14-S, R-32-E
LEA COUNTY, NEW MEXICO

OPERATOR:	Coastal Oil & Gas Corporation	
WELL:	State "26" Well No. 1	
STATUS:	Producing Oil Well	
LOCATION:	660' FNL & 660' FWL, Sec. 26, T-14-S, R-32-E	
SPUD:	6-26-68 Completed 8-1-68 TD - 10,490'	
CONSTRUCTION:	17½" hole 13 3/8" csg. set @ 365'	Cmt. w/450 sx. Cmt. circ. to surface
	11" hole 8 5/8" csg. set @ 4033'	Cmt. w/300 sx. Calculated TOC - 2250'
	8 5/8" hole 5½" csg. set @ 10,097'	Cmt. w/200 sx. Calculated TOC - 8460'
PERFORATIONS:	9876-84', 9763-73', 9830-44'	
TREATMENTS:	9830-44' w/750 gal. MCA 9763-73' w/750 gal MCA 9876-84' w/2000 gal 28% & 1000 gal 3%	
TUBING:	2 3/8" @ 9698' Packer @ 9698'	
POTENTIAL:	282 BO, 0 BW, 250 MCF - Flowing	

OPERATOR:	Coastal Oil & Gas Corporation	
WELL:	State "26" Well No. 3	
STATUS:	Producing Oil Well	
LOCATION:	1980' FSL & 660' FWL, Sec. 26, T-14-S, R-32-E	
SPUD:	11-18-68 Completed 1-7-69 TD - 9956'	
CONSTRUCTION:	17½" hole 13 3/8" csg. set @ 363'	Cmt. w/400 sx. Cmt. circ. to surface
	11" hole 8 5/8" csg. set @ 4046'	Cmt. w/300 sx. Calculated TOC - 2270'
	7 7/8" hole 5½" csg. set @ 9956'	Cmt. w/200 sx. Calculated TOC - 8320'
PERFORATIONS:	9888-92', 9906-18'	
TREATMENTS:	9888-9918' w/1000 gal 28%, 3000 gal 15%, 4000 gal 3% acid	
TUBING:	2 3/8" @ 9806' Packer @ 9743'	
POTENTIAL:	296 BO, 30 BW, 320 MCFG - Flowing	

OPERATOR:	Coastal Oil & Gas Corporation	
WELL:	State "26" Well No. 4	
STATUS:	Producing Oil Well	
LOCATION:	1980" FNL & 1980 FWL, Sec. 26, T-14-S, R-32-E	
SPUD:	11-6-83 Completed 12-15-83 TD - 10,015'	
CONSTRUCTION:	16½" hole 13 3/8" csg. set @ 392'	Cmt. w/450 sx. Cmt. circ. to surface
	11" hole 8 5/8" csg. set @ 4129"	Cmt. w/1450 sx. Cmt. circ. to surface
	7 7/8" hole 5½" csg. set @ 10,015'	Cmt. w/500 sx. TOC -8515' by cmt. bond log
PERFORMATIONS:	9672-79', 9726-29', 9736-41', 9744-52', 9783-93' 9856-71', 9872-82'	
TREATMENTS:	9856-86 370 gal. 15% NE-FE acid, 9672-9793' 8000 gal. 15% NE-FE acid	
TUBING:	2 3/8" @ 9590' packer at 9590.	
POTENTIAL:	348 BO, 149 BW, 278 MCFG	

CONTINUATION OF TABULATION OF WELL REVIEW FOR STATE "27" WELL NO. 1

OPERATOR:	Coastal Oil & Gas Corporation	
WELL:	State "27" Well No. 2	
STATUS:	Shut-in disposal well *	
LOCATION:	660' FSL & 660" FEL, Sec. 27, T-14-S, R-32-E	
SPUD:	1-1-69 Completed 2-11-69 TD - 10,010	
CONSTRUCTION:	17½" hole 13 3/8 csg. set @ 382'	Cmt. w/400 sx.
		Cmt. circ. to surface
	11" hole 8 5/8 csg. set @ 4050'	Cmt. w/300 sx.
		Calculated TOC - 2270'
	7 7/8" hole 5½" csg. set. @ 10,009'	Cmt. w/200 sx.
		Calculated TOC - 8370'
PERFORATIONS:	9789-98', 9870-80', 9904-10', 9920-24'	
TREATMENTS:	9870-80' w/500 gal 28%, 1500 gal 15%, 2000 gal 3% acid	
	9904-10' w/500 gal 28%, 1500 gal 15%, 2000 gal 3% acid	
	9920-24' w/500 gal 28%, 1500 gal 15%, 2000 gal 3% acid	
TUBING:	2 3/8" @ 9835' Packer @ 9835'	
POTENTIAL:	237 BO, 343 BW, 196 MCF - Pumping	
	* Well shut-in w/CIBP set @ 9680' w/25 sx. cmt. on top	
	Tested csg. to 500 psi for 30 minutes OK 3/28/84	

OPERATOR:	Coastal Oil & Gas Corporation	
WELL:	State "27" Well No. 3	
STATUS:	Producing Oil Well	
LOCATION:	990' FNL & 1300 FEL, Sec. 27, T-14-S, R-32-E	
SPUD:	4-11-84 Completed 5-26-84 TD - 10,000'	
CONSTRUCTION:	17½" hole 13 3/8" csg. set @ 400'	Cmt. w/400 sx.
		Cmt. circ. to surface
	12¼" hole 8 5/8" csg. set @ 4100'	Cmt. w/2400 sx.
		Cmt. circ. to surface
	7 7/8" hole 5½" csg. set @ 10,000'	Cmt. 2/495 sx.
		TOC - 7920' by cmt. bond log
PERFORATIONS:	9786-90', 9797-9810', 9826-29', 9835-60'	
TREATMENTS:	9786-9810' w/4000 gal. 15% NE-FE acid	
	9826-60' w/6000 gal. 15% NE-FE acid	
TUBING:	2 3/8" @ 9735' Packer @ 9735'	
POTENTIAL:	383 BO, 179 BW, 310 MCFG	

OPERATOR:	Shell Oil Company	
WELL:	State "TU" Well No. 1	
STATUS:	P&A*	
LOCATION:	1980' FNL & 1980' FEL, Sec. 27, T-14-S, R-32-E	
SPUD:	2-18-65 Completed 5-13-65 TD - 13,740'	
CONSTRUCTION:	17" hole 13 3/8" csg. set @ 401'	Cmt. w/400 sx.
		Cmt. circ. to surface
	12¼" hole 9 5/8" csg. set @ 4100'	Cmt. w/500 sx.
		Calculated TOC - 1990'
	8 3/4" hole 5½" csg. set @ 10,230'	Cmt. w/400 sx.
		Calculated TOC - 8140'
PERFORATIONS:	9856-80'	
TREATMENTS:	9856-80' w/1000 gal. 15% MCA	
TUBING:	2 3/8" @ 9775' Packer @ 9775'	
POTENTIAL:	148 BO, 54 BW, - Flowing	
	* Abandonment: cement plugs spotted 13,100-13,400'	
	12,500-12,600', 10,000-10,400'	
	25 sx. @ 6835', 25 sx. @ 5466'	
	5½" csg. shot @ 5200' and pulled	
	50 sx. @ 5200', 25 sx. @ 4087'	
	15 sx. @ surface	

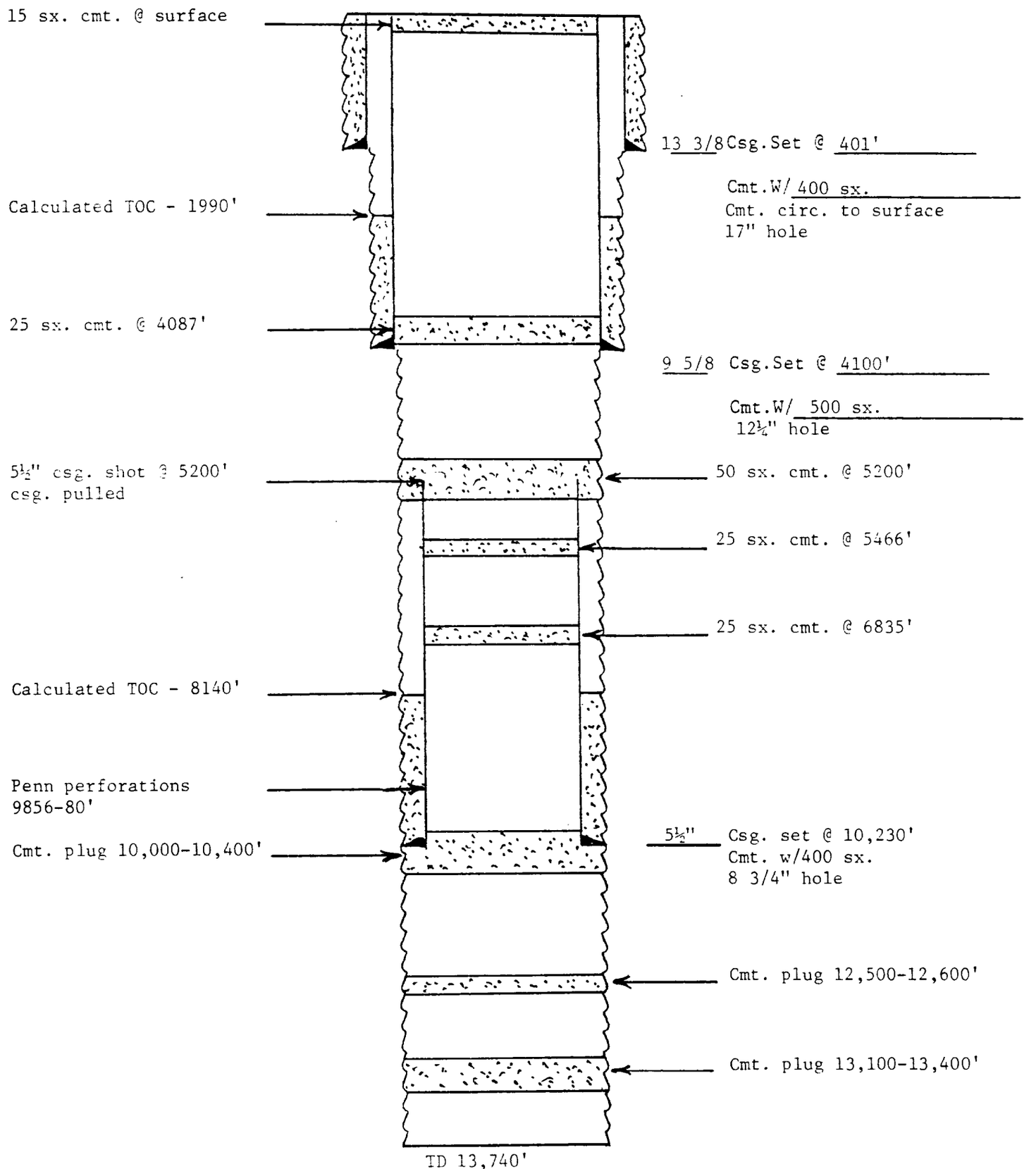
Well Status P & A Date 6-21-84

Lease State "TU" Well No. 1 Operator Shell Oil Co.

Location 1980 ft. from N Line & 1980 ft from E Line, Sec, 27, Blk

Survey T-14-S, R-32-E County Lea State New Mexico

Elevation -- Remarks Well P & A 2-1-66



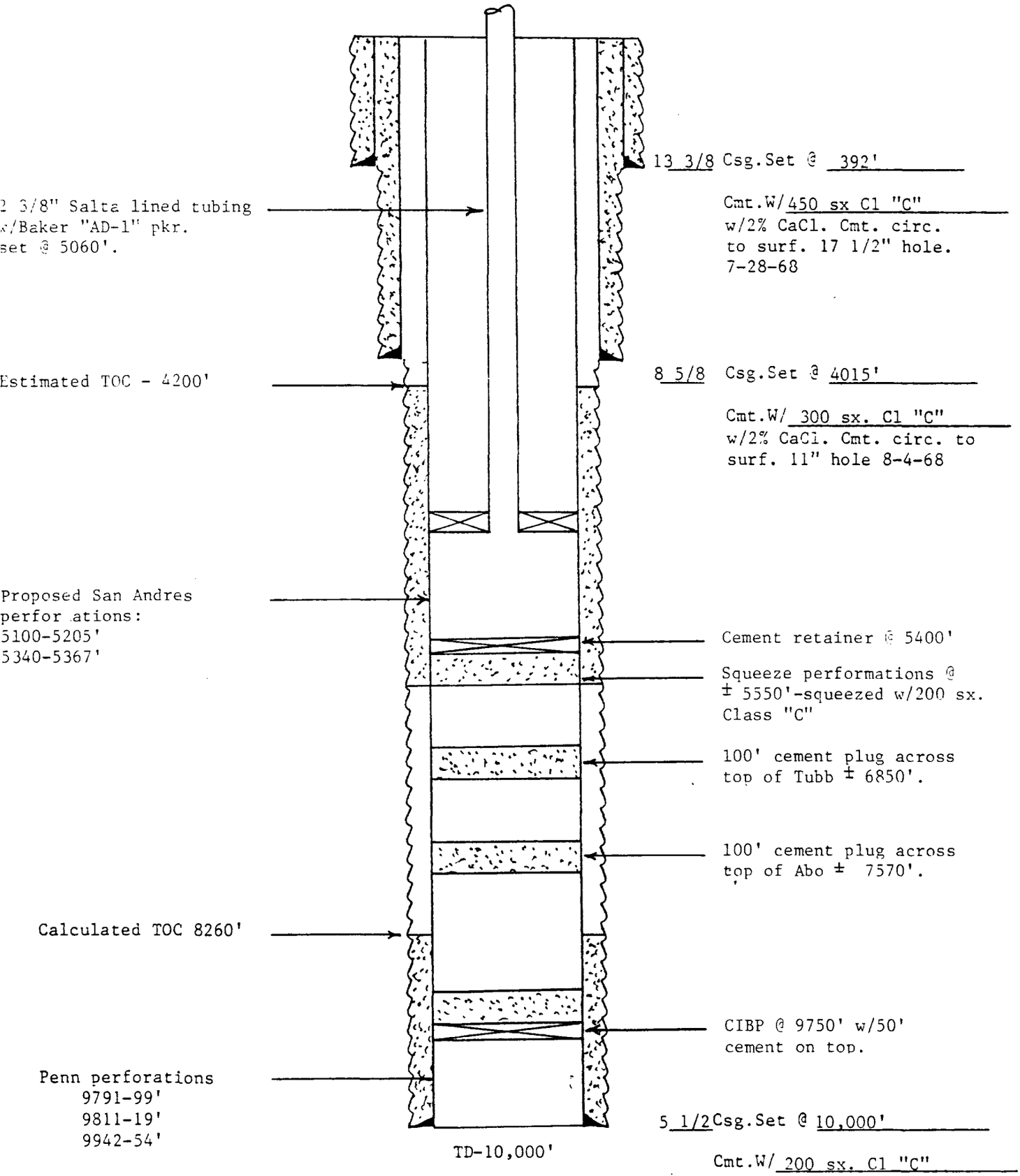
Well Status **PROPOSED** Date 6-21-84

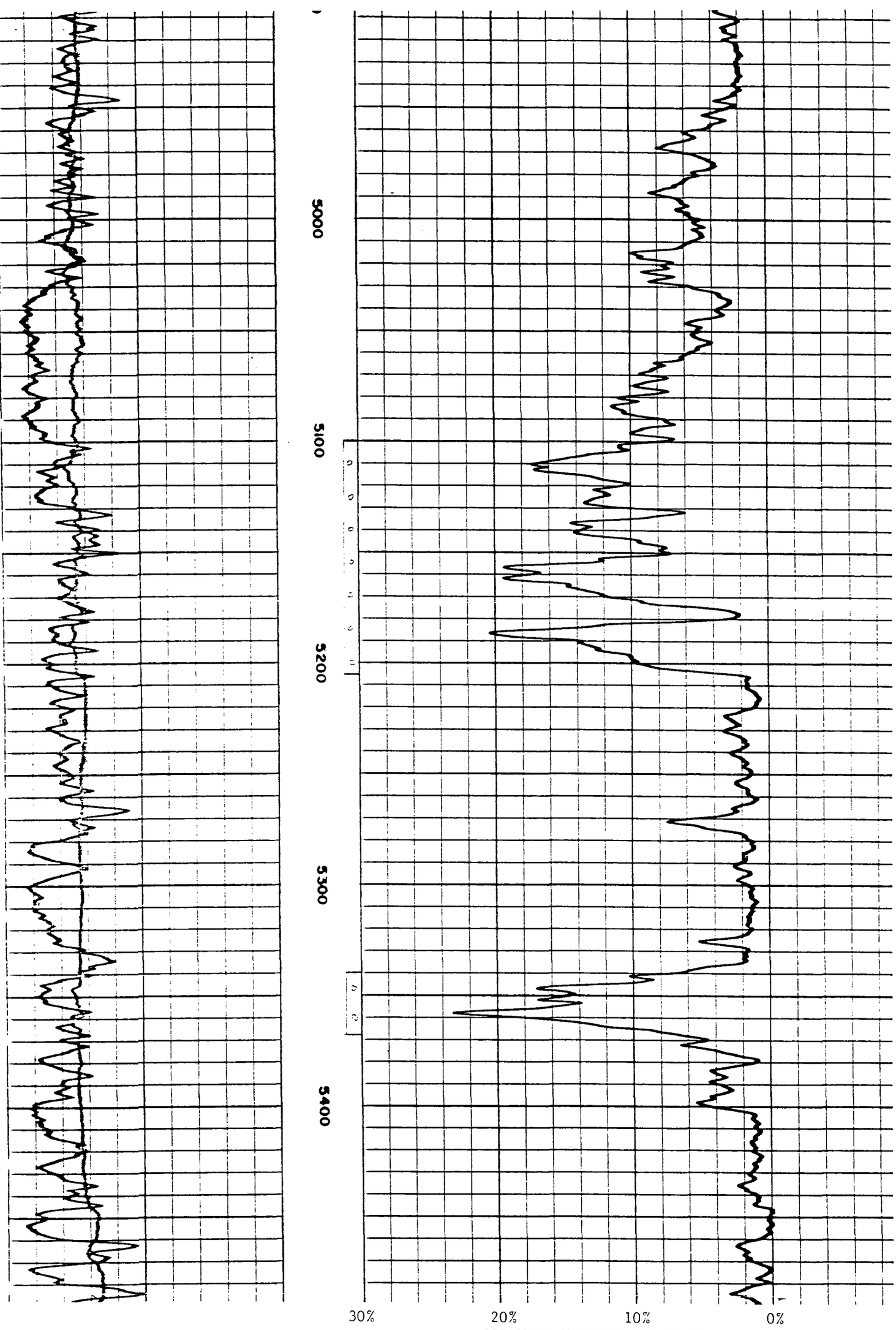
Lease State "22" Well No. 1 Operator Coastal Oil & Gas Corp.

Location 1980 ft. from S Line & 660 ft from E Line, Sec, 22, Blk

Survey T-14-S, R-32-E County Lea State New Mexico

Elevation 4312' KB Remarks Spud 7-28-68; Comp. 9-9-68; Converted to injection in Penn 1-6-69; Log tops: San Andres 3926'; Tubb 6854'; Abo 7568'





Coastal Oil & Gas Corporation
State "22" #1, Sec. 22, T-14-S, R-32-E
Lea County, New Mexico
Proposed Disposal Perforations

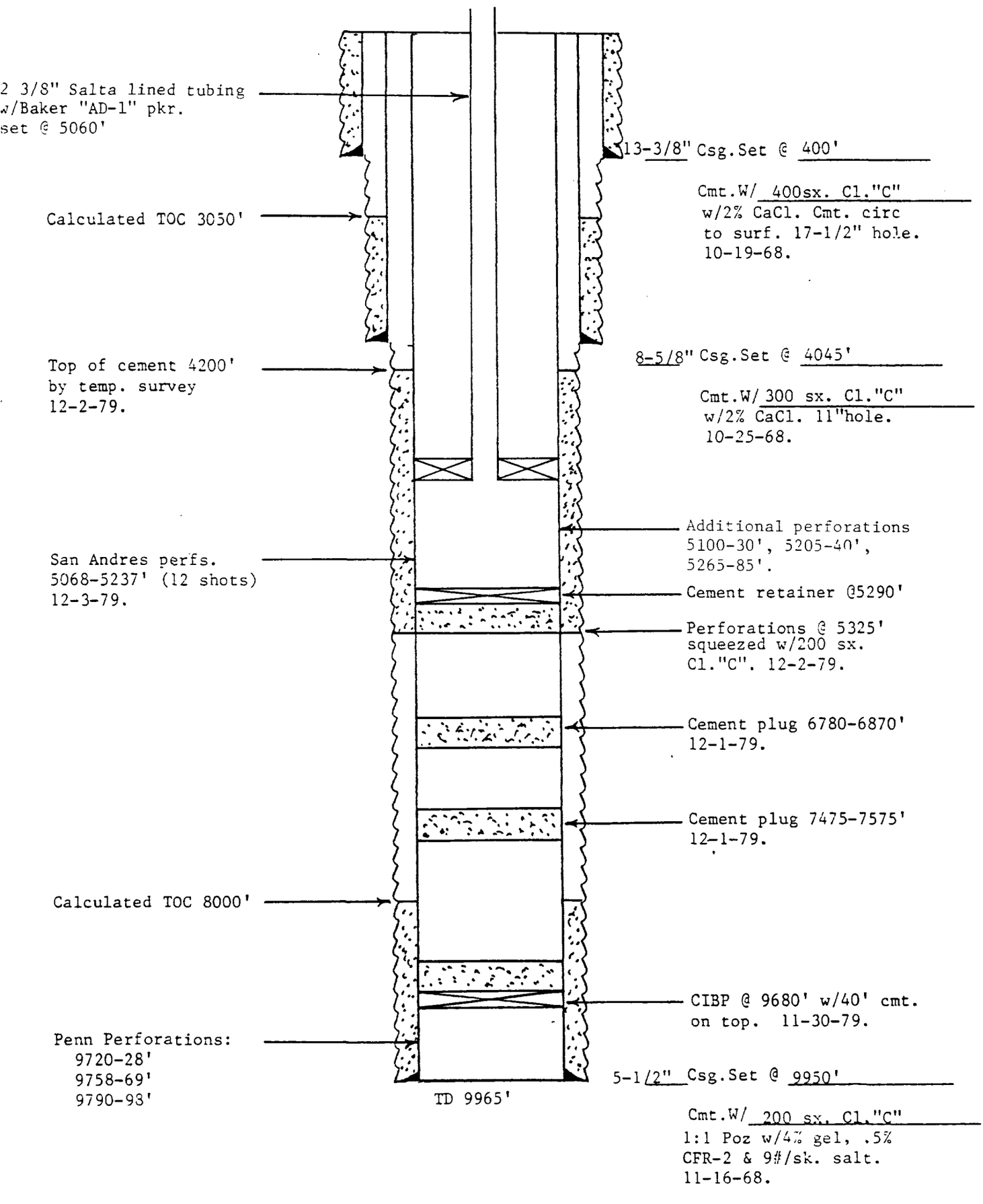
Well Status **PROPOSED** Date 6-21-84

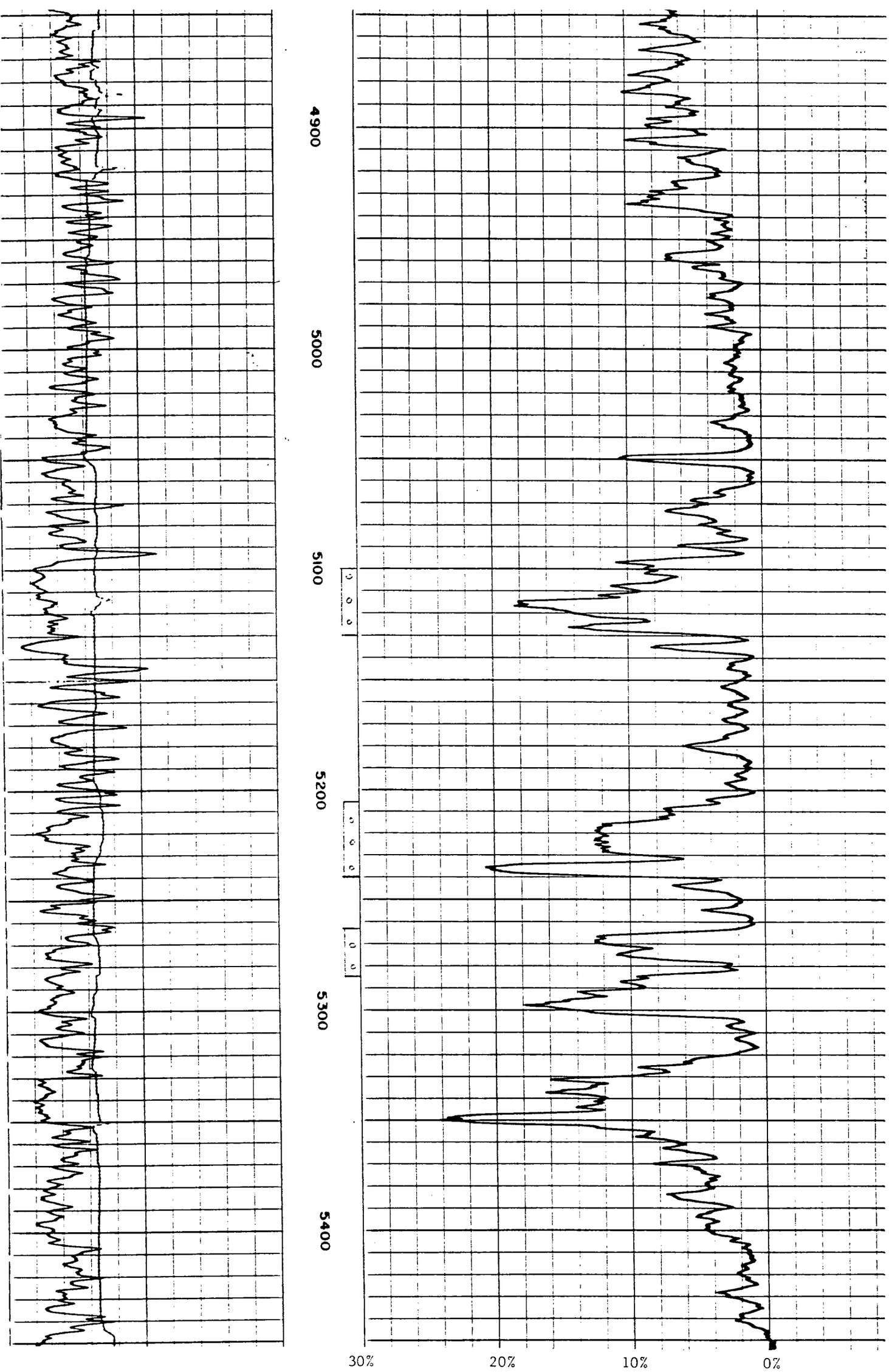
Lease State "27" Well No. 1 Operator Coastal Oil & Gas Corp.

Location 1980 ft. from N Line & 660 ft from E Line, Sec, 27, Blk

Survey T-14-S, R-32-E County Lea State New Mexico

Elevation 4309' KB Remarks Spud 10-19-68; Comp. 1-15-69;





Coastal Oil & Gas Corporation
State "27" #1, Sec. 27, T-14-S, R-32-E
Lea County, New Mexico
Proposed Disposal Perforations