

Gulf Oil Exploration and Production Company

C. D. Borland
PRODUCTION MANAGER, HOBBS AREA

March 22, 1978

APR 27 1978
NEW MEXICO
OIL CONSERVATION COMMISSION
P.O. Box 670
Hobbs, NM 88240

Re: C. E. LaMunyon No. 6, 766'FNL
and 554'FEL Section 28-23S-37E,
Lea County, New Mexico, Convert
to Salt Water Disposal Well

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Joe D. Ramey
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501

Dear Sir:

Gulf Oil Corporation requests your administrative approval to convert our C. E. LaMunyon No. 6, North Teague Devonian Pool, to a salt water disposal well in order that produced water from the LaMunyon Lease may be disposed of into the Teague Simpson McKee sand.

Currently, the aforementioned water is being disposed of into the Teague Simpson McKee sand in our C. E. LaMunyon Well No. 9, SWD 187, located approximately one-fourth mile east of the subject well. Due to mechanical difficulties, we are unable to continue disposal operations into our No. 9 well.

C. E. LaMunyon No. 6 was originally drilled to a total depth of 10,218 feet. After plugging back from the Ellenburger, the well was perforated in the Teague Simpson McKee (9340-9510'). At that time the well was a producer in the Teague Simpson McKee Waterflood. Subject well was plugged back to 7353 feet and after unsuccessful completion in the North Teague Devonian Pool has been temporarily abandoned.

In support of this application, the following facts are submitted:

- (1) This application is in the interest of conservation and the prevention of waste.
- (2) Attached is a diagrammatic sketch of C. E. LaMunyon No. 6 and all offset wells (within a one-half mile radius) that have penetrated the zone of proposed injection.
- (3) An attached plat showing all wells which lie within a one-half mile radius of the subject well.



A DIVISION OF GULF OIL CORPORATION

March 22, 1978

- (4) An attached plat showing all wells which lie within a two mile radius of the subject well.
- (5) Form C-108, "Application to Dispose of Salt Water by Injection into a Porous Formation".

Your early consideration will be appreciated.

Yours very truly,



C. D. BORLAND

Attachments

LBI/dch

cc: U. S. Geological Survey
P. O. Box 1157
Hobbs, NM 88240

OFFSET OPERATORS:

Bill O'Bryan Wier Trust
c/o Glen L. Houston
P. O. Box 1948
Hobbs, NM 88240

Bronco Oil Corporation
P. O. Box 5114
Midland, TX 79701

Imperial American Management Company
127 Mid-America Building
Midland, TX 79701

Damson Exploration Company
P. O. Box 1845
Lake Charles, LA 70601

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

CONSERVATION

OPERATOR Gulf Oil Corporation		ADDRESS P. O. Box 670, Hobbs, NM 88240	
LEASE NAME C. E. LaMunyon	WELL NO. 6	FIELD North Teague Devonian	COUNTY Lea
LOCATION UNIT LETTER A ; WELL IS LOCATED 766 FEET FROM THE North LINE AND 554 FEET FROM THE East LINE, SECTION 28 TOWNSHIP 23-S RANGE 37-E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13-3/8"	307'	300	Surface	Circulated
INTERMEDIATE	9-5/8"	2,919	1,300	1,645	Temperature Survey
LONG STRING	7"	10,185	575	7,410	Temperature Survey
TUBING	2-3/8"	7,302	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Single Grip at 7302'		

NAME OF PROPOSED INJECTION FORMATION Teague Simpson McKee	TOP OF FORMATION 9,278'	BOTTOM OF FORMATION 9,436'
---	-----------------------------------	--------------------------------------

IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing	PERFORATIONS OR OPEN HOLES? Perforations	PROPOSED INTERVAL(S) OF INJECTION 9340-9510
---	--	---

IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Production, 9810-9820', Ellenburger	HAS WELL EVER BEEN PERFORMED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? Yes
---	--	--

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH **9810-9820 sqzd w/50 sx; 9340-9510 Iso-lated w/cmt ret; 7364-7389 sqzd w/250 sx; Collapse at 5305 sqzd w/200 sx; Csg leaks 3562-393 sqzd w/375 sx; 5" Liner from 2680-9185' Current producing interval 7336-7342**

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 200'	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 7700'	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 9700'
---	---	---

ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 150	MINIMUM 150	MAXIMUM 350	OPEN OR CLOSED TYPE SYSTEM Open	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1900
--	-----------------------	-----------------------	---	---	---------------------------------------

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes	WATER TO BE DISPOSED OF Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No
---	---------------------------------------	--	---

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Bill O'Bryan Wier Trust, c/o Glen L. Houston, P.O. Box 1948, Hobbs, NM 88240
--

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Bronco Oil Corporation, P.O. Box 5114, Midland, TX 79701
--

Imperial American Management Company, 127 Mid-America Building, Midland, TX 79701
--

Damson Exploration Company, P.O. Box 1845, Lake Charles, LA 70601
--

--

--

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes	SURFACE OWNER Yes	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes	PLAT OF AREA Yes	ELECTRICAL LOG No	DIAGRAMMATIC SKETCH OF WELL Yes

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

H. J. Jikes, Jr.
(Signature)

Area Engineer

(Title)

March 22, 1978

(Date)

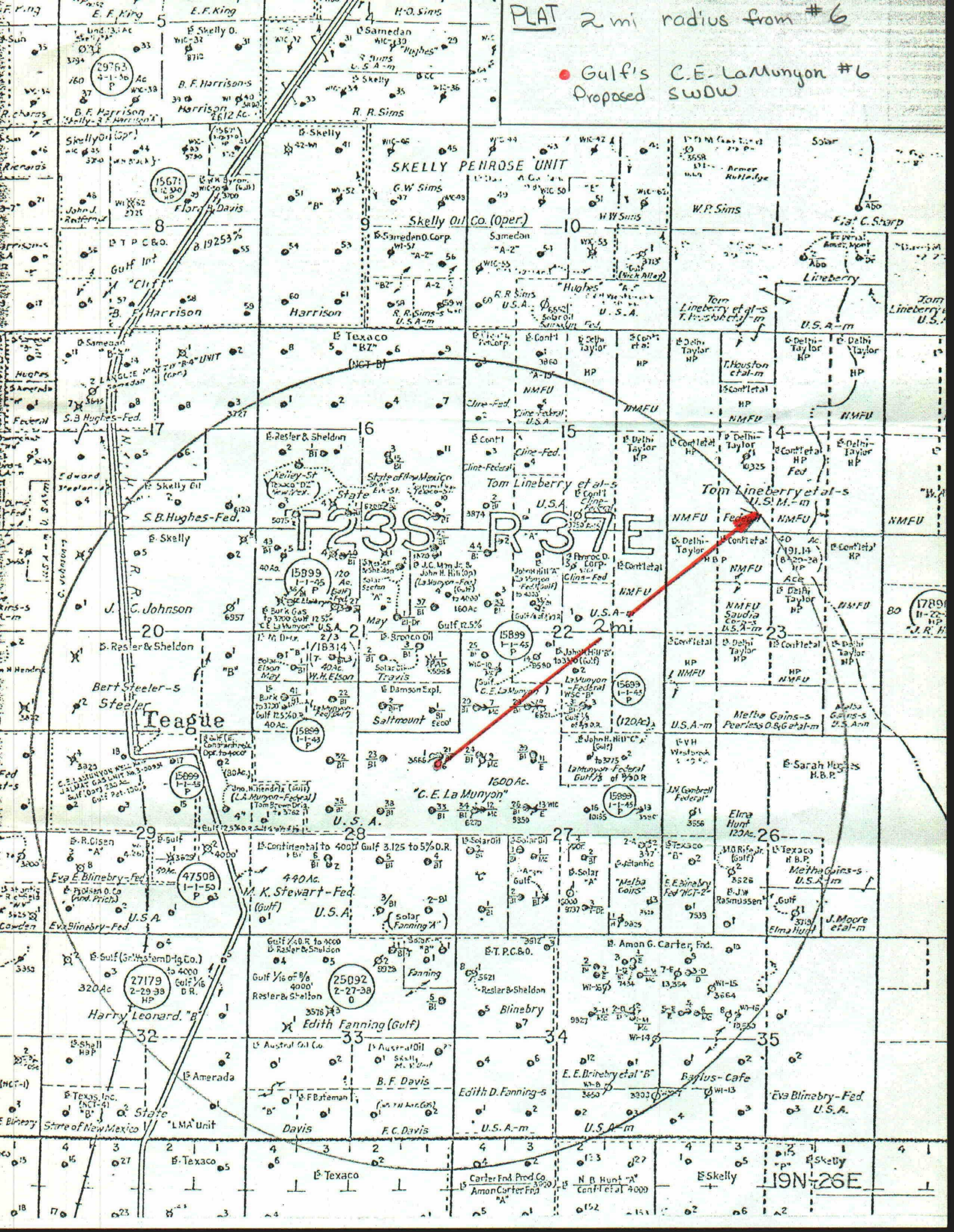
NOTE: Should waivers from the surface owner and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

PLAT $\frac{1}{2}$ mi. radius from #6

- Gulf's C.E. LaMunyon #6
Proposed SWDW.

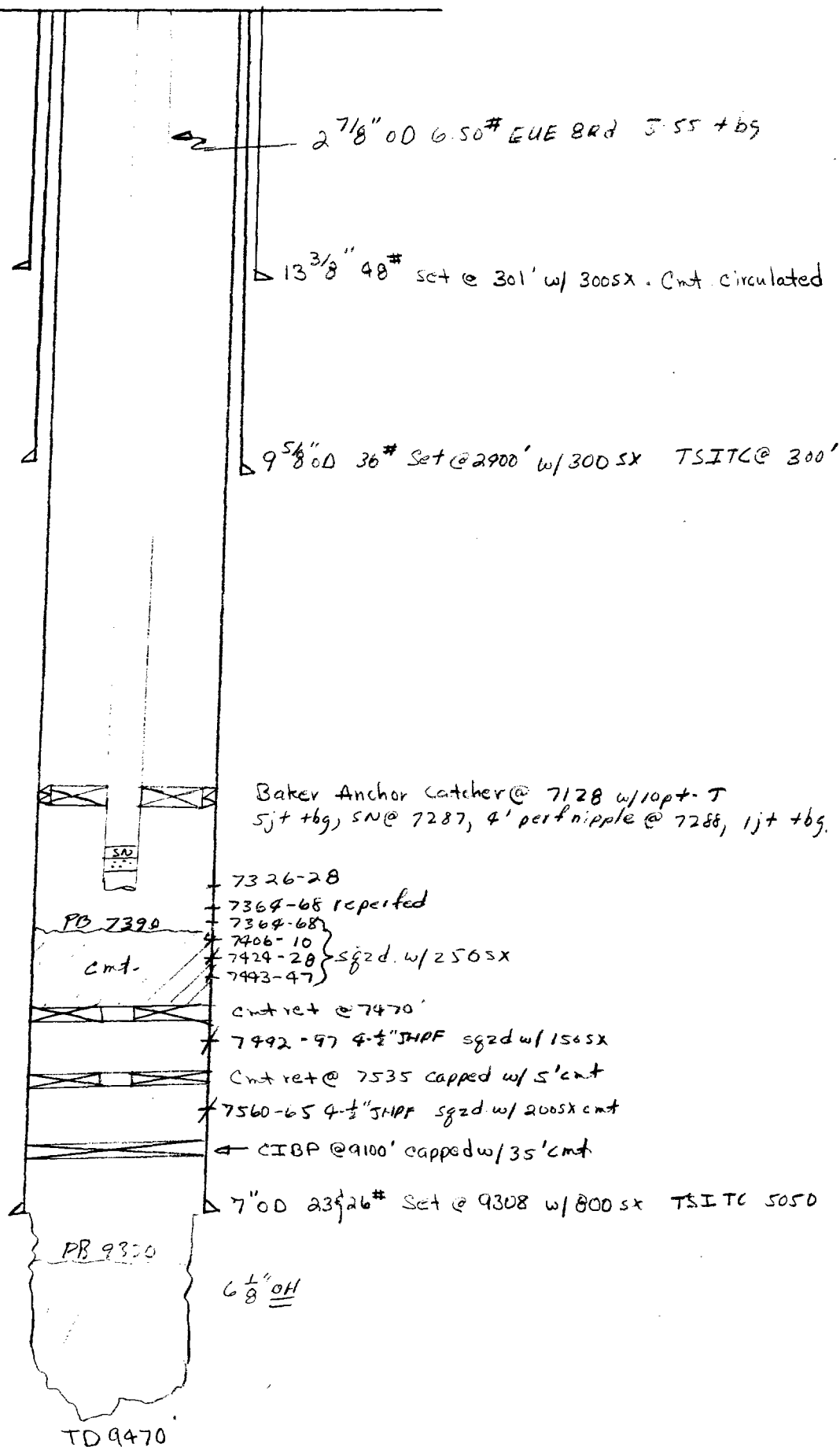
PLAT 2 mi radius from #6

- Gulf's Proposed C.E. LaMunyon #6 SWDW



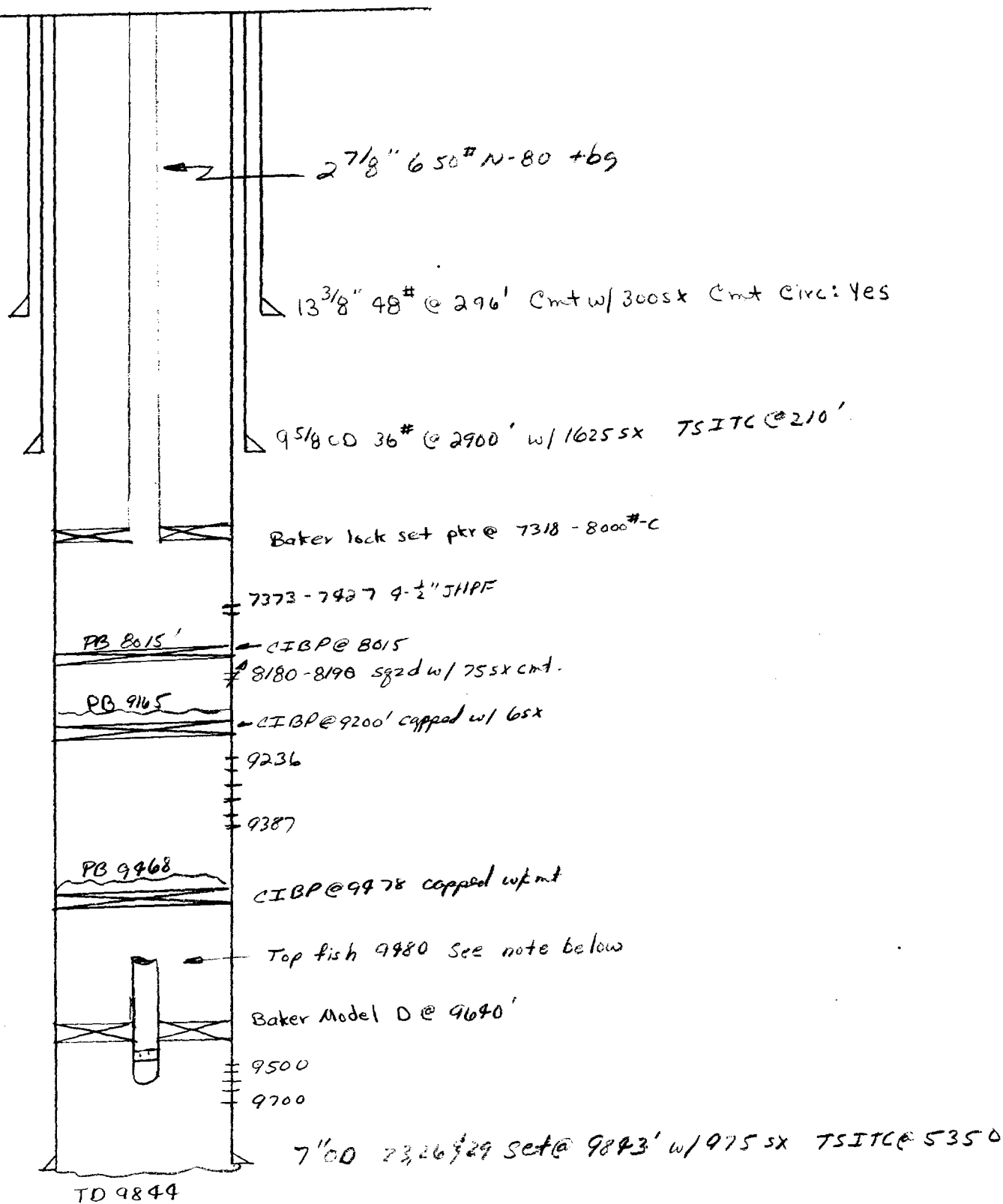
Lease C. E. LaMunyon Well no. 12 Pool League Date 3-20-78

Location 1980 FNL 660 FWL Sec 27-23S-37E Co. Lea ST New Mexico



ease. C.E. LaMunyon Well no. 11 Pool Teague Date 3-17-78

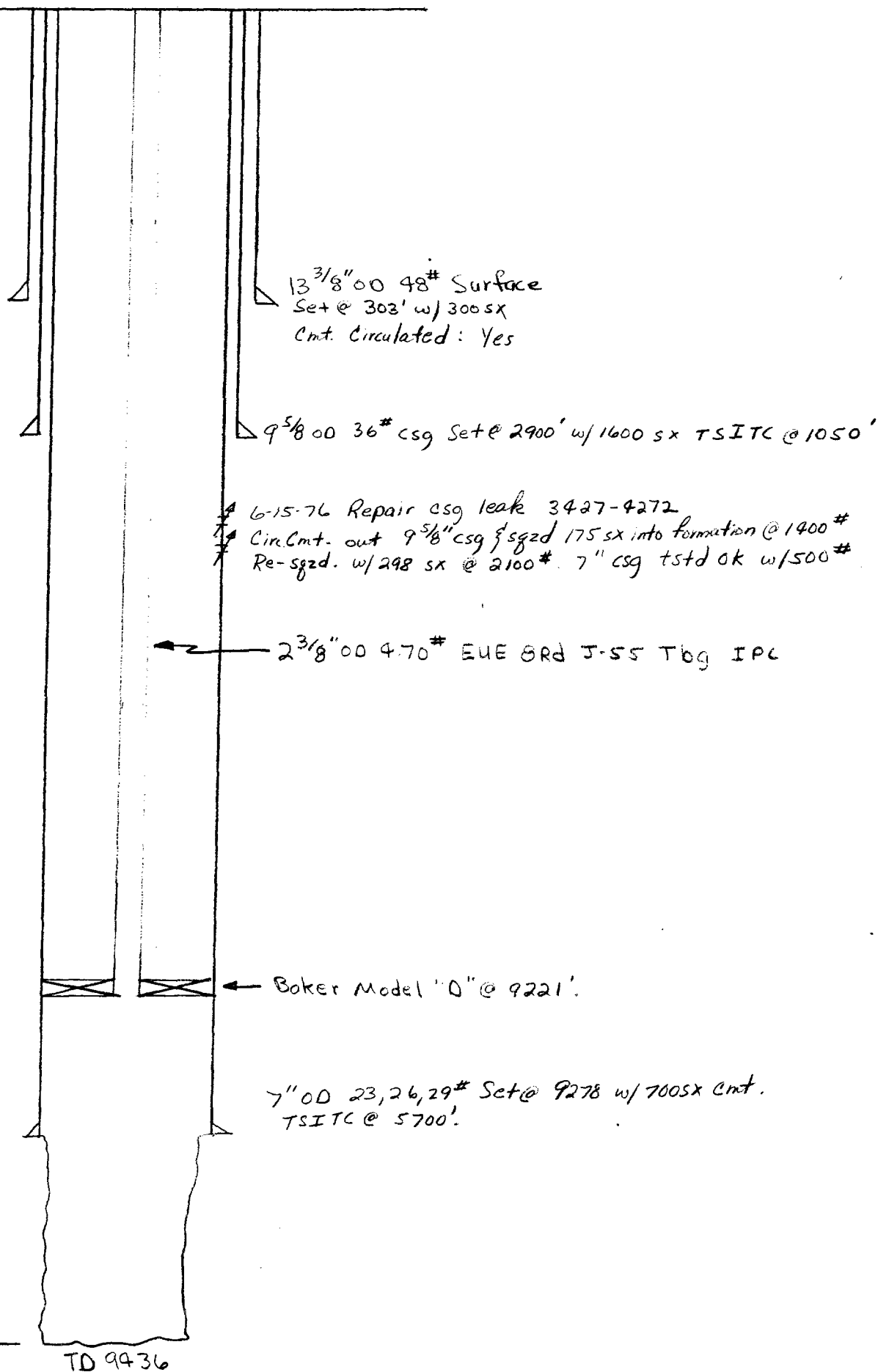
Location 660 FNL & 1980 FWL 27-235-37E Co Lea St NM



Note: Topdown: 4jts 2 7/8" +bg, SN,
1jt. 2 7/8" +bg, Baker Anchor seal Ass.
1-2 3/8" DTN, 1jt. 2 3/8" +bg BPOB

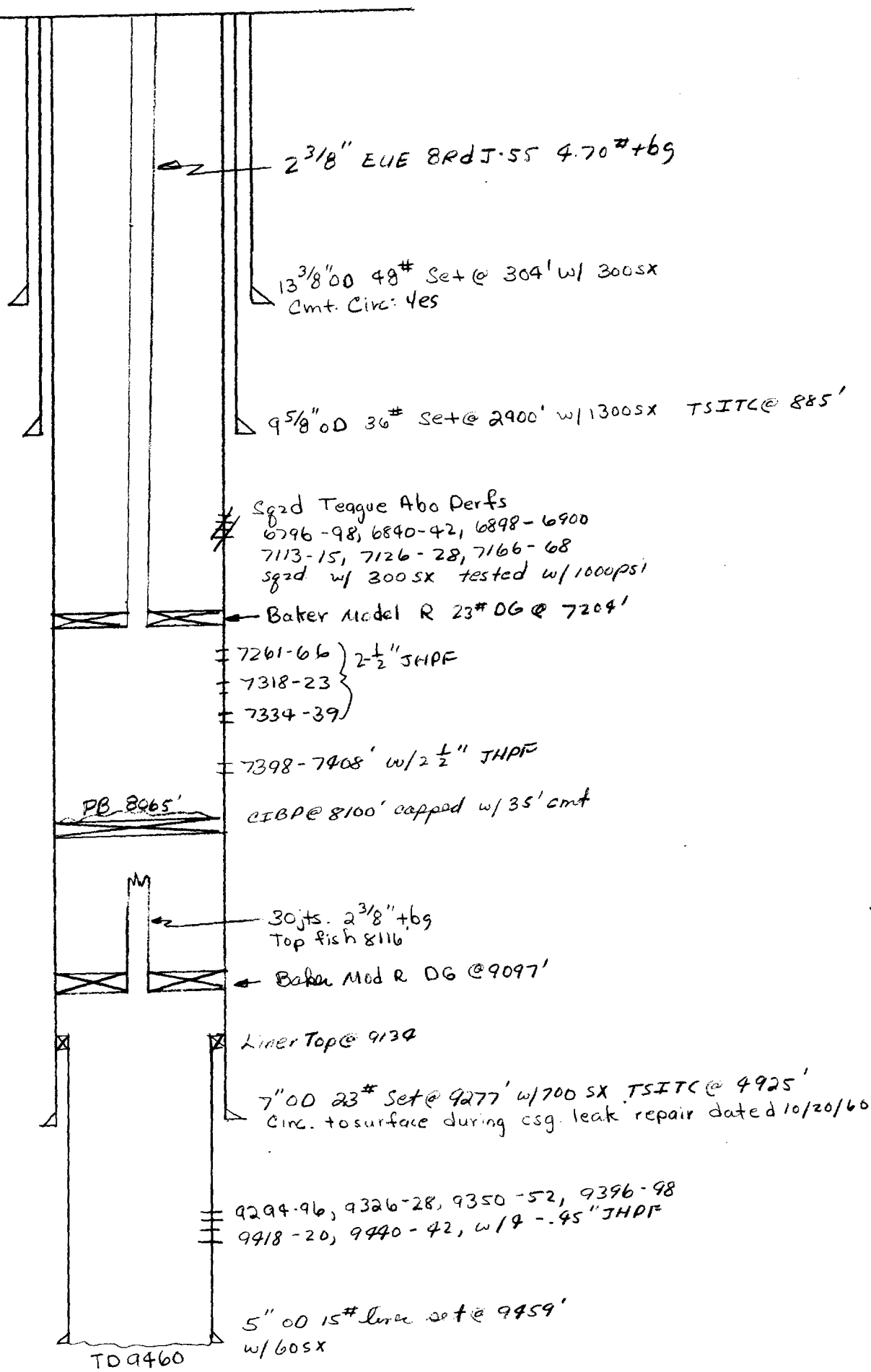
Lease C.E. LaMunyon Well No. 4 Pool Teague Simpson Date 3-17-78

Location 660 FNL 1/4 WL Sec 27-23S-37E County Lea State NM



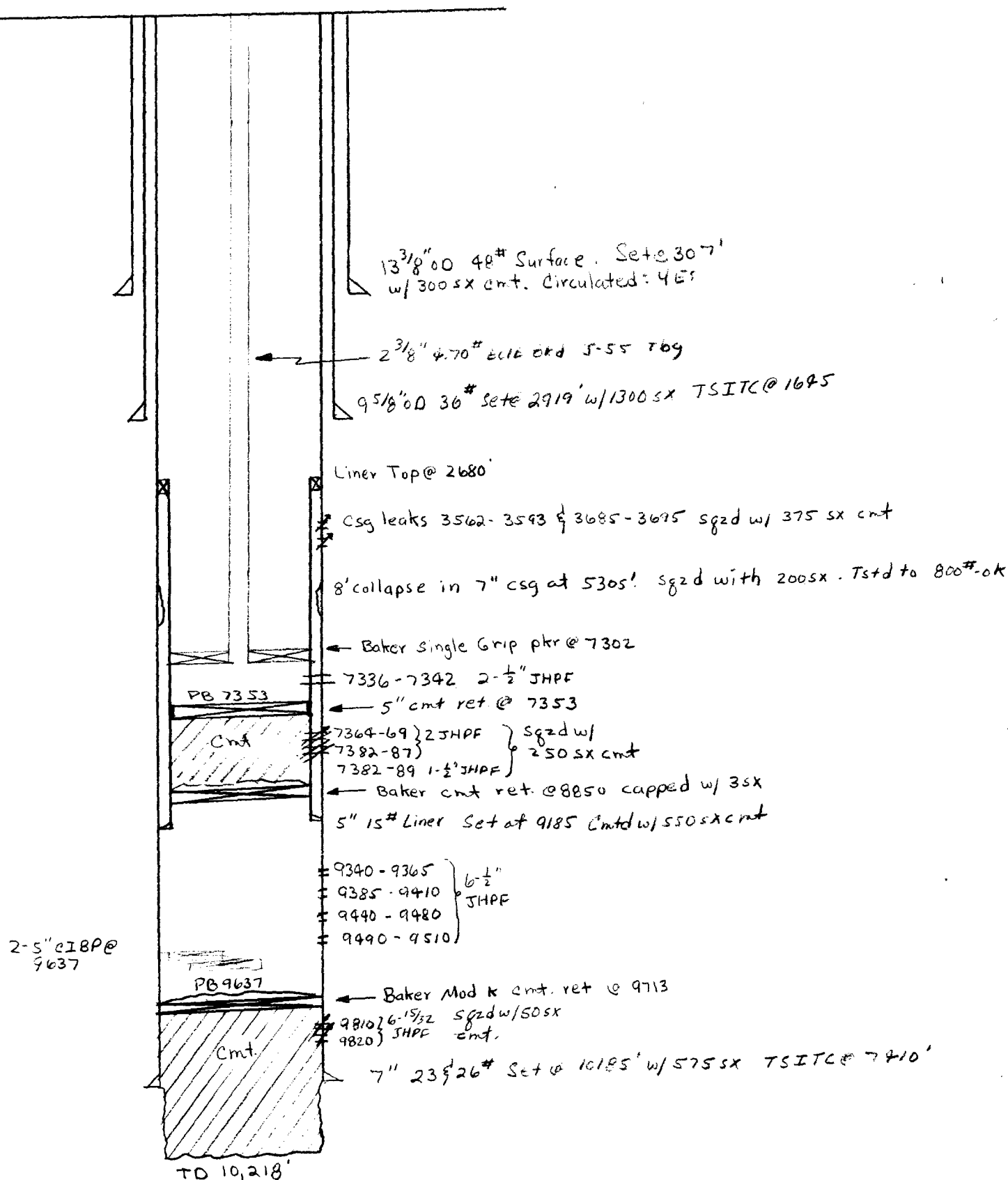
Lease C.E. LaMunyon Well No 7 Pool No. Teague Dev Date 3-17-78

Location 660 FS 1/4 WL Sec 22-23S-37E Co Lea St NM



Lease C.E. LaMunyon Well No. 6 Port No. Teague Dev Date 3-17-78

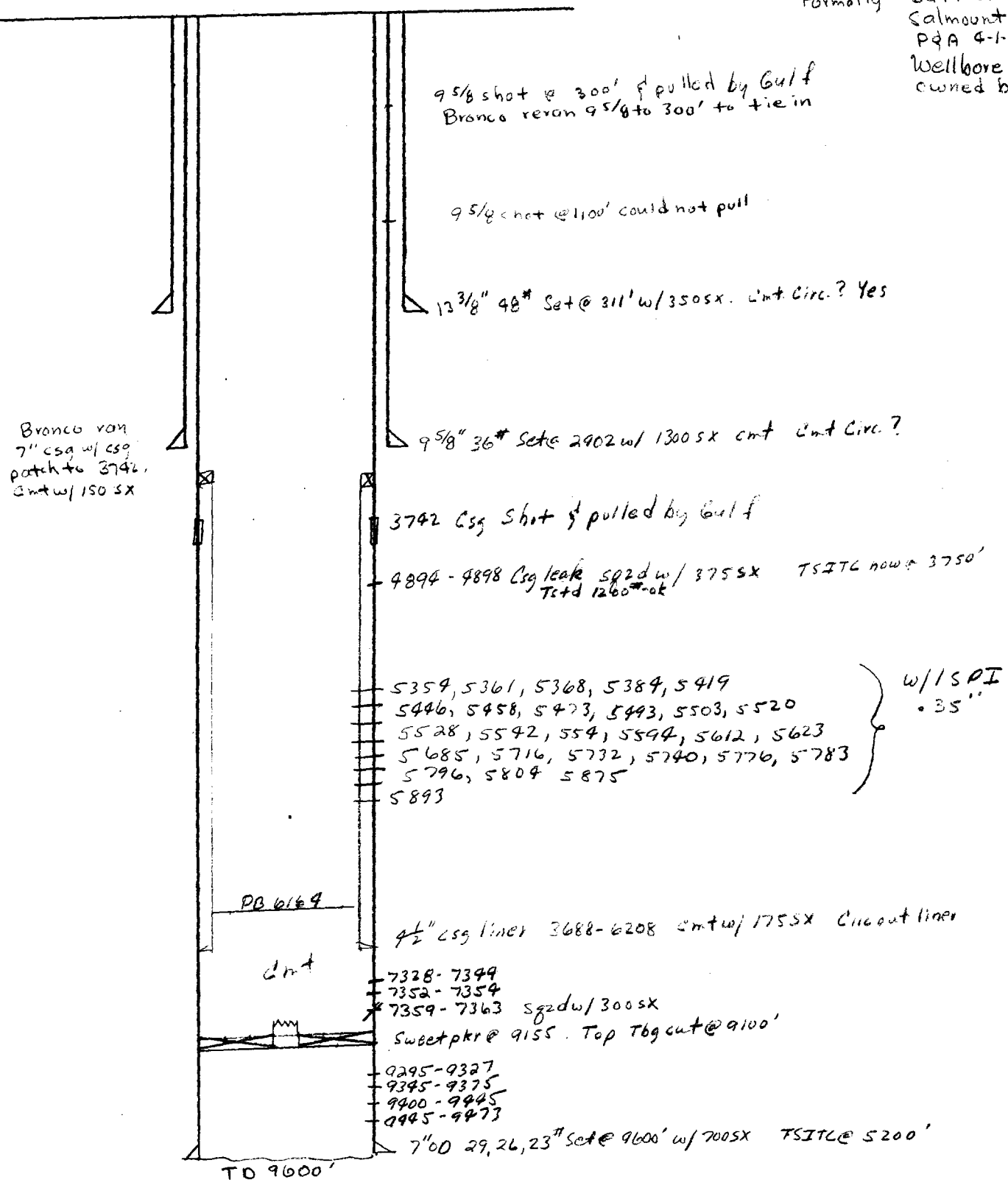
Loc. 766 FNL § 554 FEL Sec 28-23S-37E Co. Lea St. NM



Lease SALTMOUNT Well No 1 Pool League NL Date 5-21-78
Bronco Oil Corp

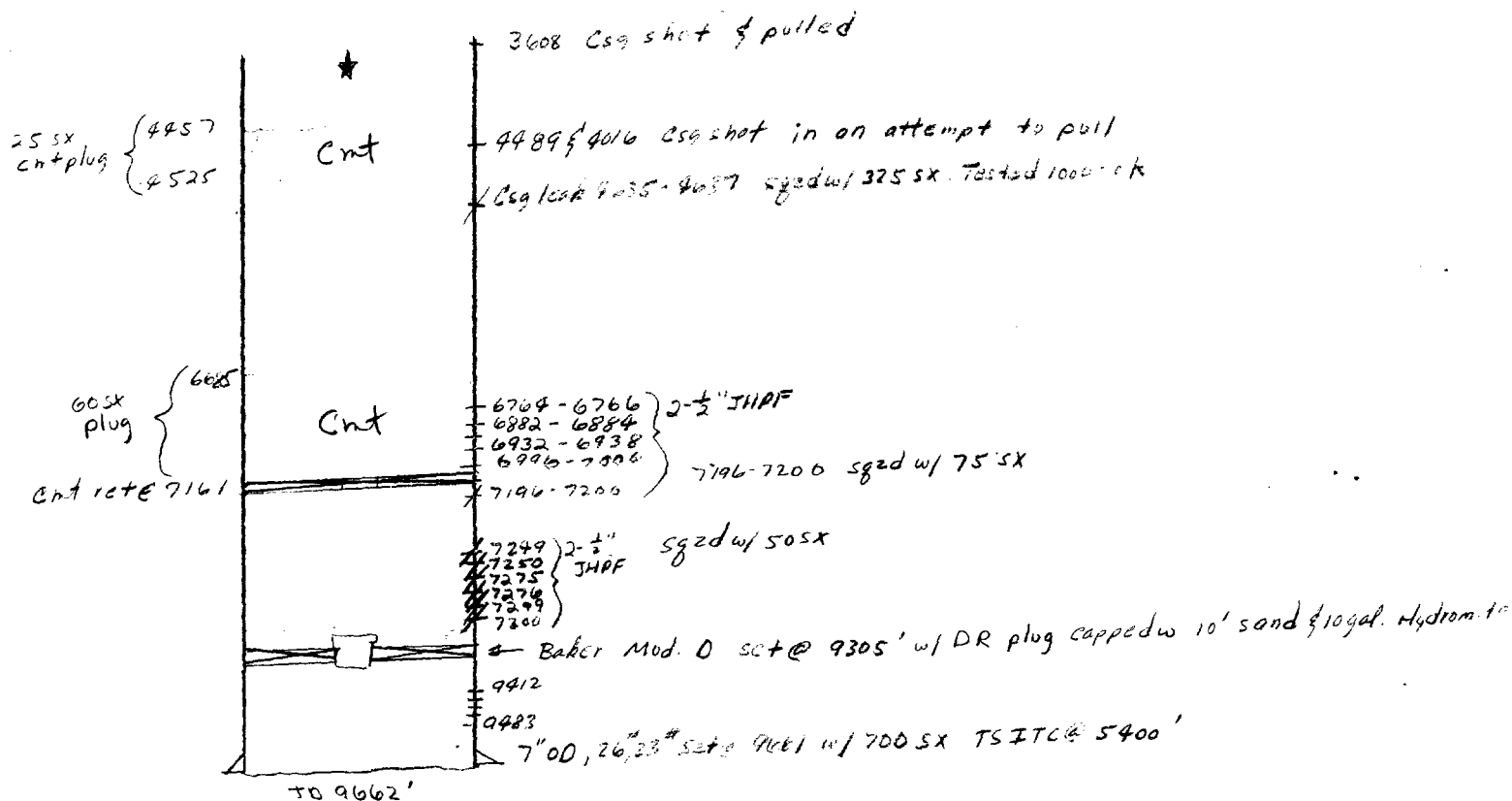
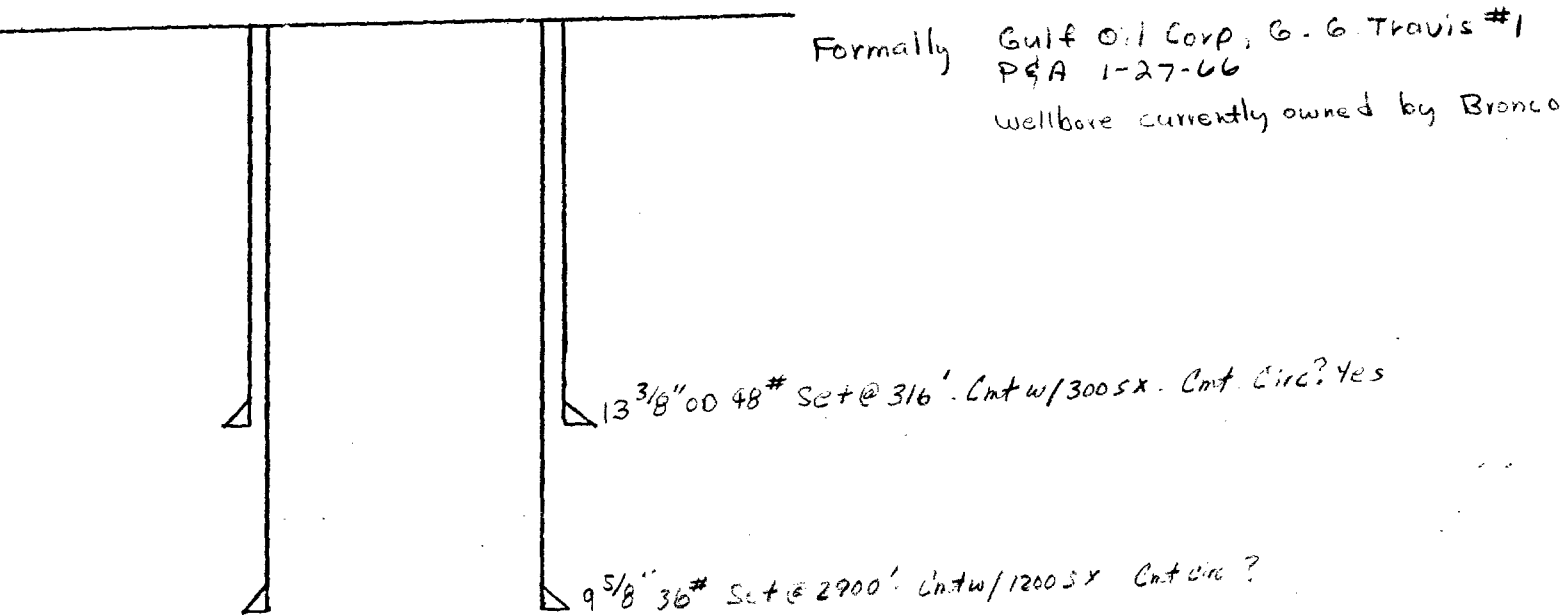
Location 660FWL 660FSL Sec 21-23S-37E Co. Lea St NM

Formally Gulf Oil Corp,
Saltmount #1
P&A 4-1-66
Wellbore currently
owned by Bronco.



No data available concerning +bg detail

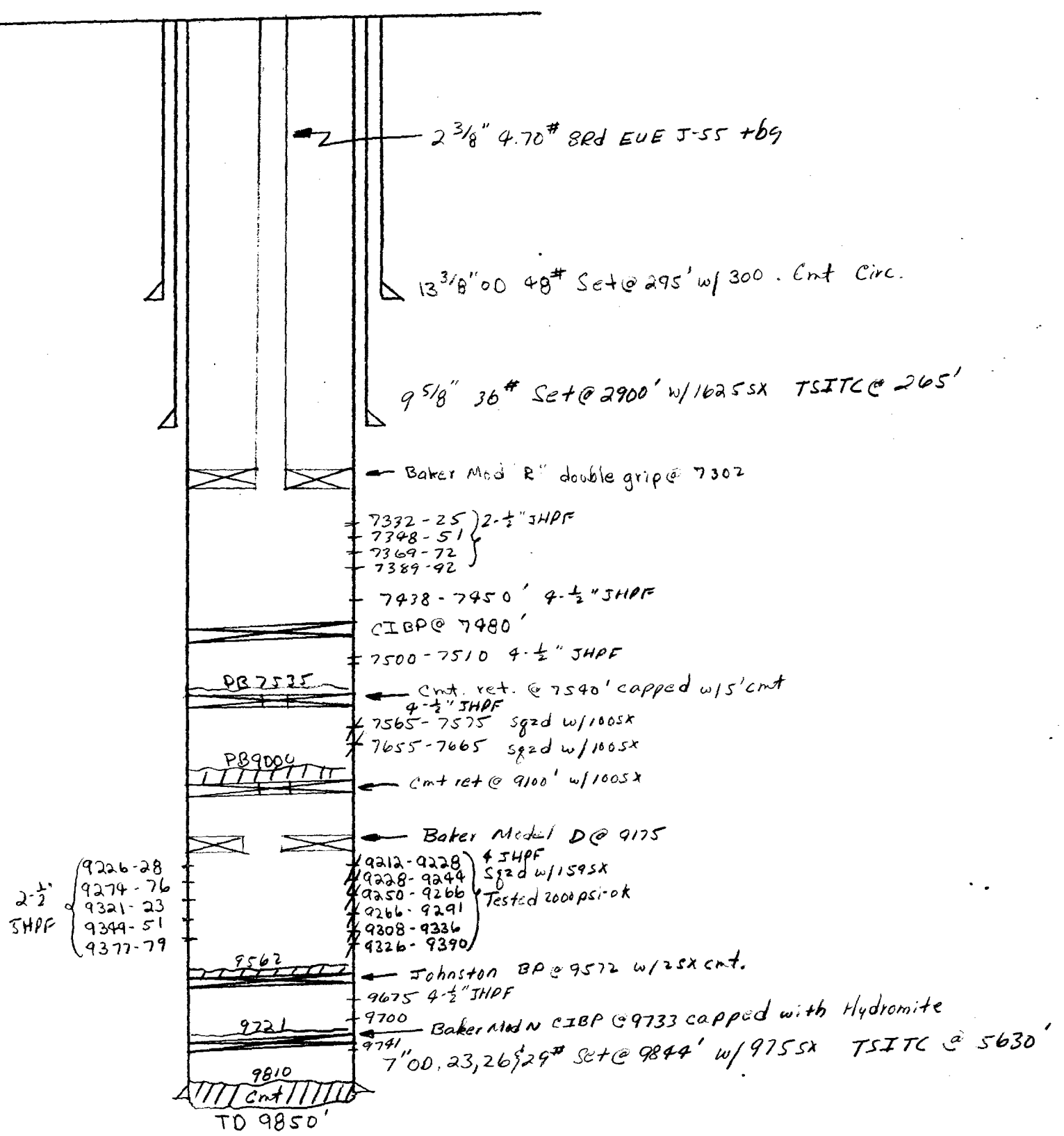
Case Travis Well no. 1 Pool League Mckee Date 3-21-78
Bronco Oil Corp.
 Location 1980 FSL & 660 FEL SEC 21-23S-37E Co. LEA State NM



★ Junkin note: Attempt to clean out
 6 1/8" bit, 20C @ 4205, 3-4 1/2" OC @ 3951, 1jt wash pipe,
 3' sub & circ. sub, 1jt 4 1/2" DP @ 1323

Lease C.E. LaMunyon well no 13 Pool League Date 3-20-78

Location 1980 FNL & 1980 FWL Sec 27-23S-37E Co Lea St NM



LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

SWD 24

OIL CONSERVATION COMMISSION
HOBBS DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE April 12, 1978

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD ✓ _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated _____
for the Gulf Oil Corporation LaMunyon #6-A 28-23-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,

