

KELLAHIN and KELLAHIN

Attorneys at Law

Jason Kellahin
W. Thomas Kellahin
Karen Aubrey

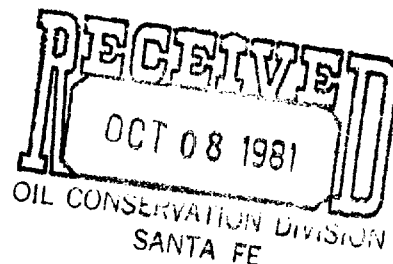
500 Don Gaspar Avenue
Post Office Box 1769
Santa Fe, New Mexico 87501

Telephone 982-4285
Area Code 505

October 8, 1981

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

RE: Tesoro Petroleum Corporation
Division Order R-6227



Dear Mr. Ramey:

On behalf of Tesoro Petroleum Corporation, and in accordance with Order R-6702, we hereby request administrative approval of the addition of a water injection well to the Tesoro Waterflood Project approved by Order R-6227.

The subject well is the Santa Fe "B" 39 well located 50 feet from the West line and 50 feet from the South line Section 5, T17N, R8W, Hospah Field, McKinley County, New Mexico.

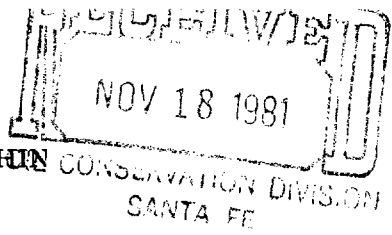
In accordance with our conversation, I have only included as an attachment to this application, such additional exhibits that are not already of record in Case 6726 from which Order R-6227 was entered.

Very truly yours,

W. Thomas Kellahin

WTK:jm
Enclosures

cc: Mr. Bill Parks
Mr. Frank Chaves, OCD



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500 Don Gaspar Avenue
Post Office Box 1769
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Jason Kellahin
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Telephone 982-4285
Area Code 505

November 17, 1981

Mr. Oscar Simpson
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Tesoro Petroleum Corporation
Administrative Application
Injector Well No. Santa Fe "B" 39
Hospah Field, New Mexico

Dear Mr. Simpson:

In accordance with our recent conference concerning the referenced Tesoro Application filed on October 18, 1981, I have the following supplemental information:

- (a) Schematic of the subject injection well;
- (b) Tabulation of well information for the Santa Fe RR #10 Well and the #29 Well plus all other wells within a one-half mile radius;
- (c) For your information the Burr & Cooley well is P & A and therefore Tesoro is the only operator within a one-half mile radius;
- (d) A copy of the certification of newspaper publication with the first publication on November 13, 1981;
- (e) The proposed average rate of injection will be 300 barrels per day; The maximum daily rate of injection will be 500 barrels per day;
- (f) This is a closed system;
- (g) The proposed average injection pressure will be 150 psi; The proposed maximum injection pressure at the surface will be no more than 300 psi;
- (h) The injection fluid will be water produced from the zone of injection.

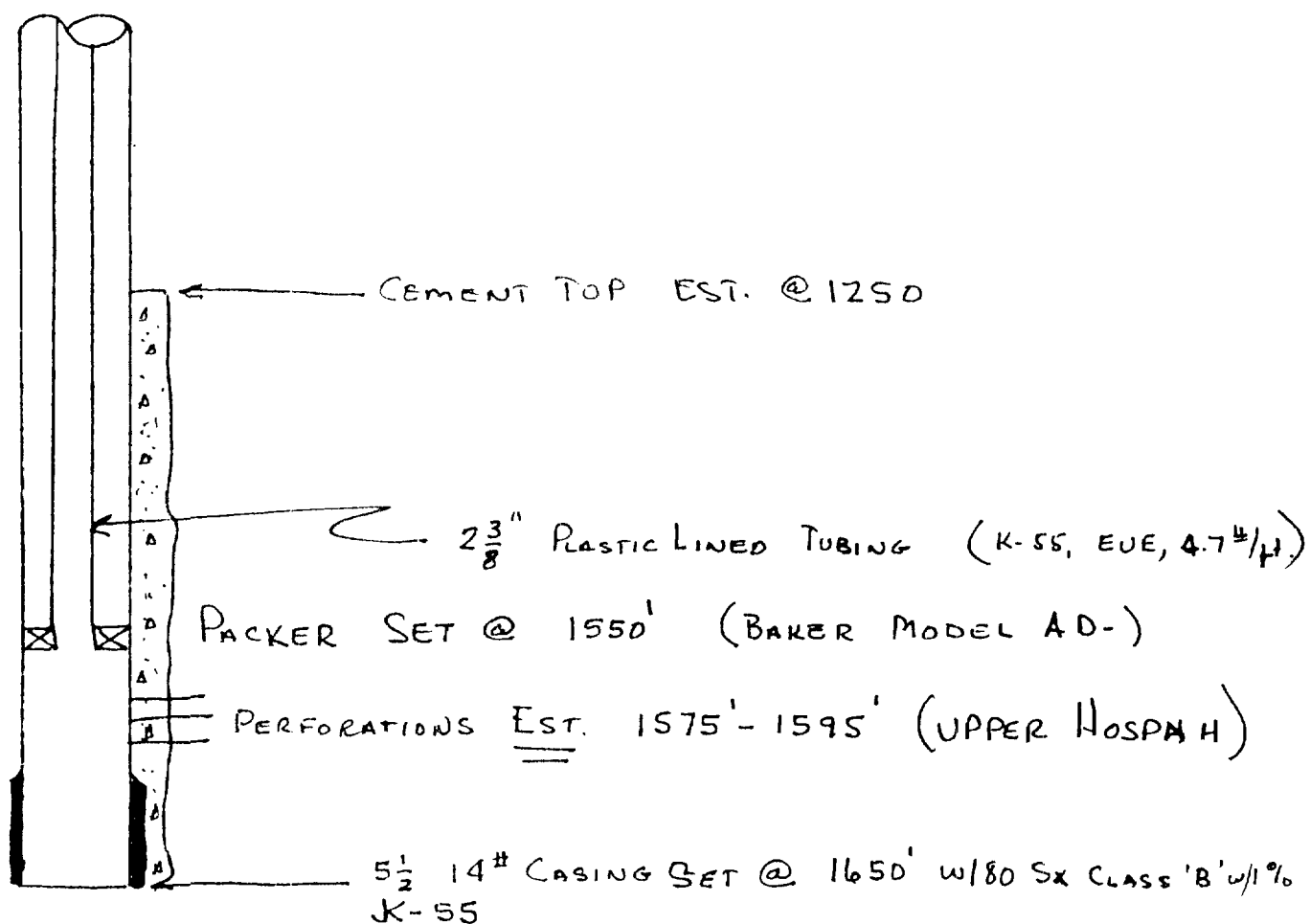
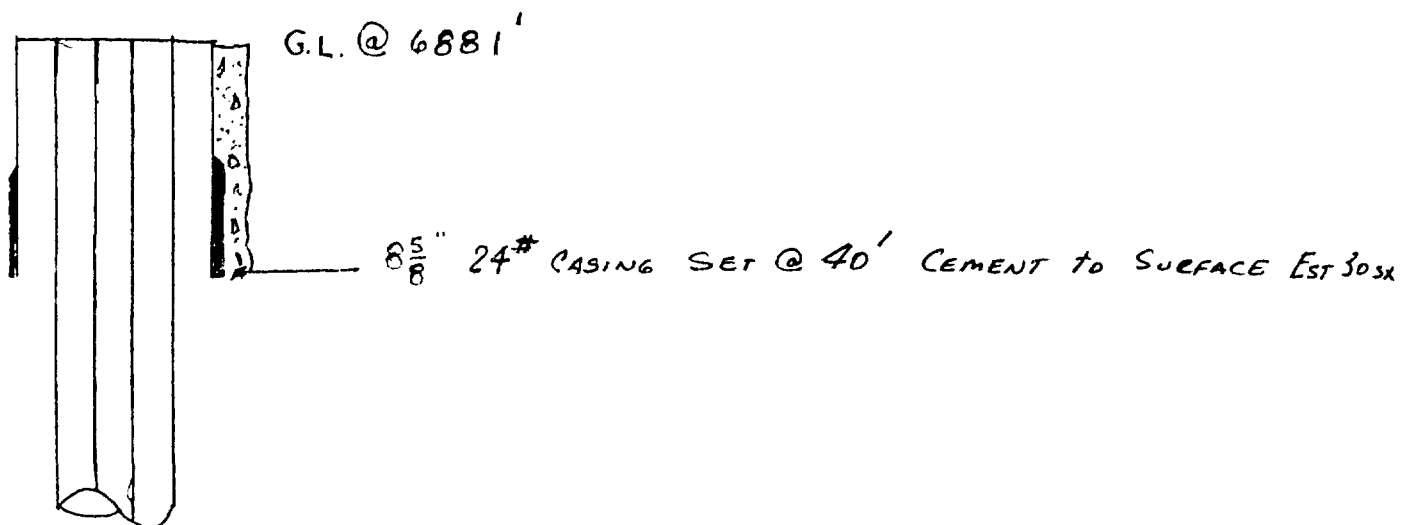
Please call me if you desire anything further.

Very truly yours,

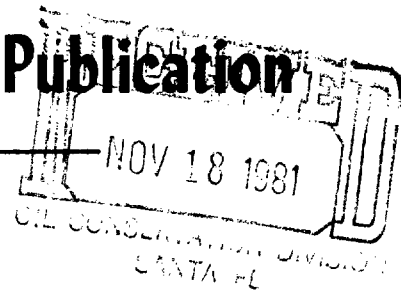
W. Thomas Kellahin

WTK:jm
cc: Mr. Bill Parks

DATE 11/10/81 WELL NO. 39 LEASE SANTA FE 'B' HOSPAN FIELD



Affidavit of Publication



STATE OF NEW MEXICO,

) ss.

COUNTY OF MCKINLEY

Jami Nechero

being duly sworn upon his oath, deposes and says:

legal clerk

That he is _____ of the Gallup Independent, a newspaper published in and having a general circulation in McKinley County, New Mexico, and in the City of Gallup, therein: that this affiant makes this affidavit based upon his own personal knowledge of the facts herein sworn to. That the publication, a copy of which is hereto attached was published in said newspaper during the period and time of publication and said notice was published in the newspaper proper,

one time

and not in a supplement thereof, for _____,

the first publication being on the 13th day of Nov. _____,

1981 the second publication being on the _____ day of _____,

19_____ the third publication on the _____ day of _____, 19_____

and the last publication being on the _____ day of _____, 19_____

That such newspaper, in which such notice or advertisement was published, is now and has been at all times material hereto, duly qualified for such purpose, and to publish legal notices and advertisements within the meaning of Chapter 12, of the statutes of the State of New Mexico, 1941 compilation.

Jami Nechero
Affiant.

14th

Sworn and subscribed to before me this _____ day of

November

, A. D., 1981

Margaret M. Palchak
Notary Public.

My commission expires

8-27-85

LEGAL NOTICE

OIL CONSERVATION DIVISION
STATE OF NEW MEXICO
ENERGY AND MINERALS

NOTICE: _____ having any right, title or interest in the following:

Pursuant to the Regulations of the New Mexico Oil Conservation Division, Tesoro Petroleum Corporation, hereby gives notice that it has applied to the Oil Conservation Division for an Administrative Order for the production of its Santa Fe 8 Section well, located 56 feet East and South lines of Section 17 North, Range 8, Township 17 North, McKinley County, New Mexico, in the Hospah Field Waterflood. The well is about 1550 feet to the surface at a maximum rate of 200 barrels per day at a maximum injection pressure of 2000 psi.

Any interested party may file objections or requests with the Oil Conservation Division, Box 2088, Santa Fe, New Mexico, within fifteen (15) days of the publication of this notice.

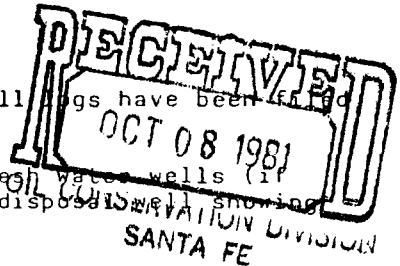
KELLAHIN & KELLAHIN
Attorneys at Law
P.O. Box 1769

Santa Fe, New Mexico 87501
(505) 982-4285

ATTORNEYS FOR TESORO
PETROLEUM CORPORATION
Legal No. 8266 Published in The Gallup Independent Friday, November 13, 1981

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no
- II. Operator: TESORO PETROLEUM CORPORATION
Address: First of Denver Plaza, Suite 2000, 633-17th St. Denver Co 80202
Contact party: Mr. W. F. Parks Phone: (303) 825-2000
- 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 R-6227.
- 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: W. Thomas Kellahin Title Attorney for applicant
Signature: [Signature] Date: October 7, 1981
- 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. November 14, 1979, CCD Case 6726



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.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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

CASE NO. 6726
Order No. R-6227

APPLICATION OF TESORO PETROLEUM
CORPORATION FOR A WATERFLOOD
PROJECT, MCKINLEY COUNTY, NEW
MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on November 14, 1979, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 9th day of January, 1980, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Tesoro Petroleum Corporation, seeks authority to institute a waterflood project on its Hanson Federal and Santa Fe Pacific Railroad Leases, South Hospah-Upper Sand Oil Pool, by the injection of water into the Upper Hospah Sand formation through three injection wells in Units E and M of Section 5 and Unit I of Section 8, Township 17 North, Range 8 West, NMPM, McKinley County, New Mexico.
- (3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.
- (4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

-2-

Case No. 6726
Order No. R-6227

(5) That the operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(6) That the injection wells or injection pressurization system should be so equipped as to limit injection pressure at the wellhead to 1000 psi, but the Division Director should have authority to increase said pressure limitation, should circumstances warrant.

(7) That there are two wells in the vicinity of the proposed waterflood project that may require remedial work prior to commencement of injection operations, those wells being the Tesoro SFPRI "B" Well No. 32 located in Unit P of Section 5 and the Burr and Cooley Coleman Well No. 2 located in Unit C of Section 8, both in Township 17 North, Range 8 West, NMPM, McKinley County, New Mexico.

(8) That subject to the above conditions, the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Division Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Tesoro Petroleum Corporation, is hereby authorized to institute a waterflood project on its Hanson Federal and Santa Fe Pacific Railroad Leases, South Hospah-Upper Sand Oil Pool, by the injection of water into the Upper Hospah Sand formation through the following-described wells in Township 17 North, Range 8 West, NMPM, McKinley County, New Mexico:

<u>Lease</u>	<u>Well No.</u>	<u>Unit Letter</u>	<u>Section</u>
Santa Fe Pacific Railroad	35	E	5
Santa Fe Pacific Railroad	38	M	5
Hanson Federal	24	I	6

(2) That injection into each of said wells shall be through tubing, set in a packer which shall be located as near as practicable to the uppermost perforation; that the casing-tubing annulus of each injection well shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention-attracting leak detection device.

-3-

Case No. 6726
Order No. R-6227

(3) That the injection wells herein authorized or the injection pressurization system shall be so equipped as to limit injection pressure at the wellhead to no more than 1000 psi, provided however, that the Division Director may authorize a higher surface injection pressure upon satisfactory showing that such pressure will not result in fracturing of the confining strata.

(4) That the operator shall immediately notify the supervisor of the Division's Aztec district office of the failure of the tubing or packer in any of said injection wells, the leakage of water or oil from or around any producing well, or the leakage of water or oil from any plugged and abandoned well within the project area and shall take such timely steps as may be necessary or required to correct such failure or leakage.

(5) That the subject waterflood project is hereby designated the Tesoro Santa Fe-Hanson-Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Division Rules and Regulations.

(6) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Division in accordance with Rules 704 and 1120 of the Division Rules and Regulations.

(7) That prior to commencement of water injection into the herein authorized wells, applicant shall consult with the supervisor of the Aztec District Office of the Division, and shall take such remedial action as the District Supervisor shall require on the Tesoro Santa Fe Pacific Railroad "B" Well No. 32 located in Unit P of Section 5 and the Burr and Cooley Coleman Well No. 2 located in Unit C of Section 8, both in Township 17 North, Range 8 West, NMPM, McKinley County, New Mexico.

*What
action
required
(None)!*

(8) That jurisdiction of this cause 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.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Joe D. Ramey
JOE D. RAMEY
Director

Nov 1979

S E A L
fd/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

CASE NO. 6726
Order No. R-6227-A

APPLICATION OF TESORO PETROLEUM
CORPORATION FOR A WATERFLOOD
PROJECT, MCKINLEY COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE DIVISION:

It appearing to the Division that Order No. R-6227, dated January 9, 1980, does not correctly state the intended order of the Division,

IT IS THEREFORE ORDERED:

(1) That the 6th line of Finding No. (2) should be changed to read in its entirety as follows:

"and M of Section 5 and Unit I of Section 6,
Township 17 North,"

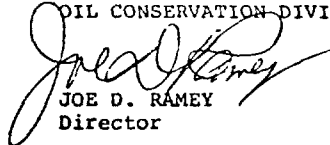
(2) That the last line of Order (1) should be changed to read in its entirety as follows:

"Hanson Federal 24 I 6"

That this order shall be effective nunc pro tunc as of January 9, 1980.

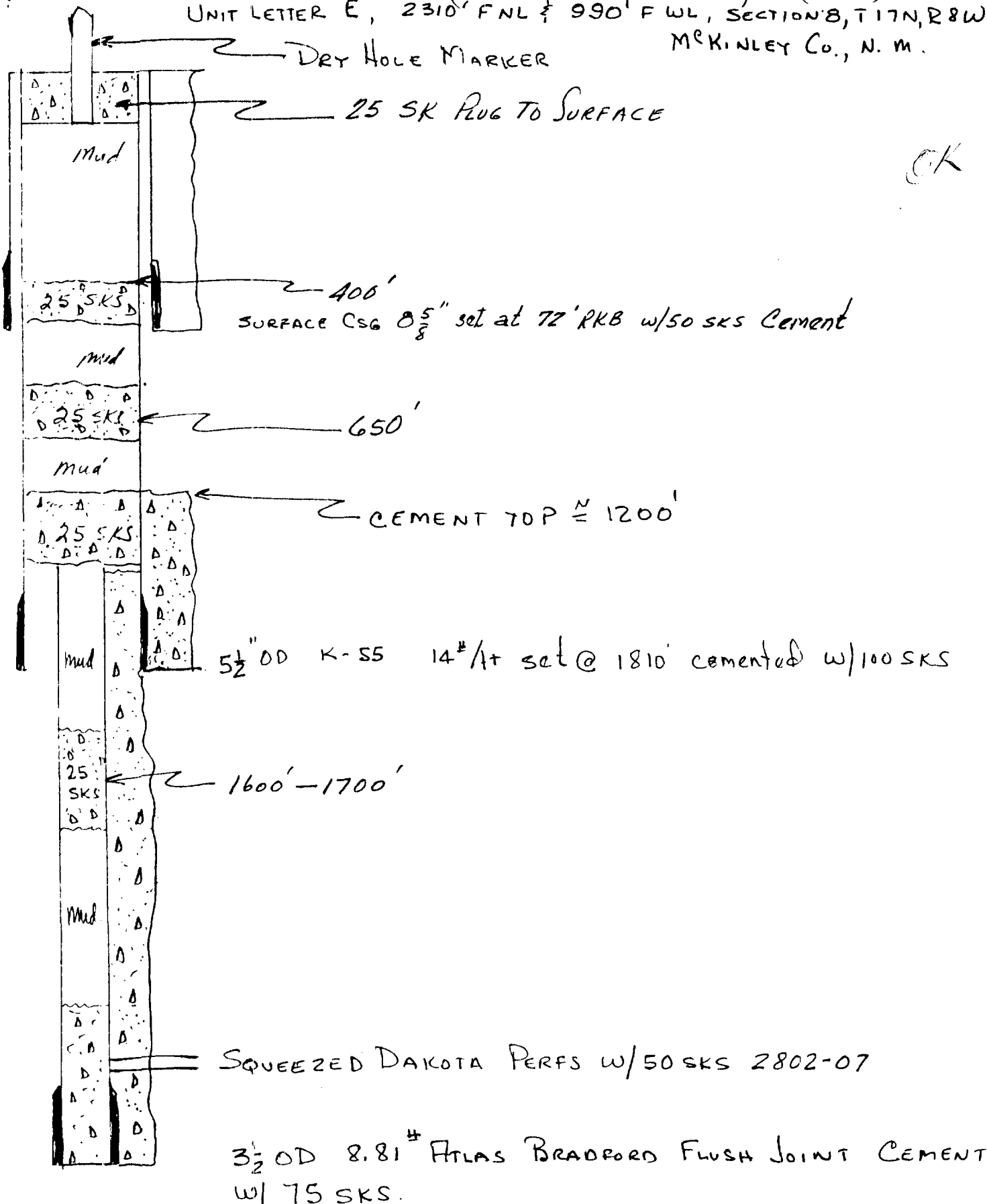
DONE at Santa Fe, New Mexico, this 11th day of March, 1980.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Director

S E A L
fd/

DATE 9/14/81 WELL No 22 LEASE HANSON FIELD WOSPAH
 P&AD (29) (LONE PINE DAKOTA UNIT) (L.P.)
 UNIT LETTER E, 2310' FNL & 990' F WL, SECTION 8, T17N, R8W
 MCKINLEY Co., N. M.



DAKER OIL TOOLS, INC. S.F.R.R.

SERVING THE WORLD

DATE MAY 11, 1971 WELL NO. 28 LEASE SOUTHER R.R. FIELD LOVE PINE

HICKINLEY COUNTY

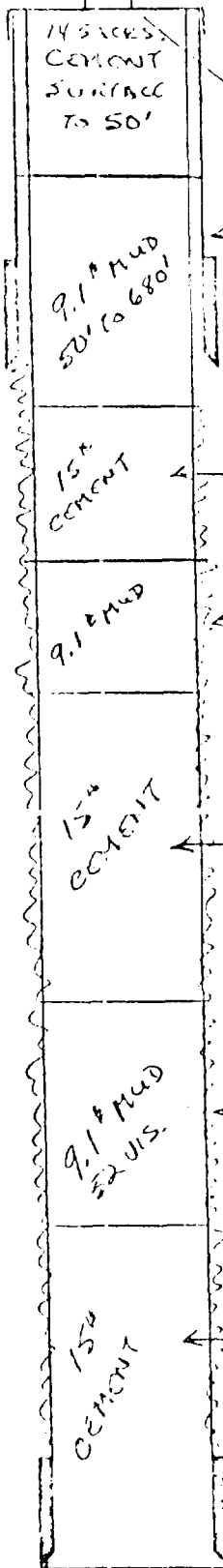
SOUTH HOSPAH, N.M.

UNIT LETTER H - 2160' F.N.L. & 320' F.E.L. 5R. 7-17 N-8 W

ELEVATION 6958' G.L. 6970' RKB (12') AFE-90958

CONTRACTOR - YOUNG DRILLING CO. SPUDDED 2 P.M. MAY 10, 1971

PLUGGED & A - 11:30 AM MAY 14, 1971



P & A MARKER INSTALLED - SCREWED INTO 8 5/8\" CEMENT

4 JTS. 123' 8 5/8\" 24\" K-55 CASING SET @ 134' RKB W/ COLLAR 2' BLOW G. L. CEMENTED IN 12 1/4\" HOLE W/ HALLIBURTON # 100 SACKS COMMON PLUS 2\" CALCIUM CHLORIDE, MAY 10, 1971. GOOD CEMENT RETURNS.

CEMENT PLUG 680' TO 780' 100' 26 SACKS POINT LOOKOUT CLASS 'C' 7 7/8\" HOLE

DRILLING MUD - 780' TO 1640' 7 7/8\" HOLE

CEMENT PLUG - 1640 TO 1950' 310' 80 SACKS BOTH HOSPAHS & GALL CLASS 'C' 7 7/8\" HOLE

DRILLING MUD - 1950' TO 2580' 7 7/8\" HOLE

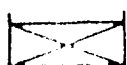
CEMENT PLUG - 2580' TO 2843' 263' 69 SACKS ALL DAKOTAS CLASS 'C' 7 7/8\" HOLE

T.D. 2843' RKB.

PLUGGED BY HALLIBURTON
MAY 14, 1971

P & A

(2)



BRIDGE PLUG



PACKER



CENTRALIZER



SCRATCHER



BASKET



PERFORATOR

DATE 12/17/78 WE NO. 2 LEASE SERF FIELD Hempden
shut in Operator Tecoro P.O.

T. A. Wells

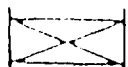
8 3/4" log set @ 45' Cemented to surface w/ 15-5X

NO log

Cement top @ approx 1440'

4 1/2" log set @ 1621' Cemented w/ 35-5X

T.D. 1625'



BRIDGE PLUG



FACKER



CENTRALIZER



SCRATCHER



BASKET



PERFORATIC

WELLS D-3

3

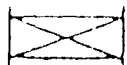
DATE 8/15/79 WELL NO. 35 LEASE SERR "13" FIELD So. HospahWell to be converted to injector.
Presently T.A. $8\frac{5}{8}$ " 24# K-55, STC @ 108' w/ 90.5x Class "A" in
 $12\frac{1}{4}$ " hole. Cemented to surface.

Cement Top - 900'

 $2\frac{3}{8}$ " OD tubingSet:
Packer @ 1600'. Baker Model AD-1

1611'-1615' 4 JSRF (0.41")

PBT-D-1633'

 $5\frac{1}{2}$ " 14# K-55, STC @ 1643' w/ 100.5x Class "B" 50/50
Por w/ 2% CaCl₂. Top of cement @ 900' from CBL.one of three
original
injection
wells.

BRIDGE PLUG



PACKER



CENTRALIZER



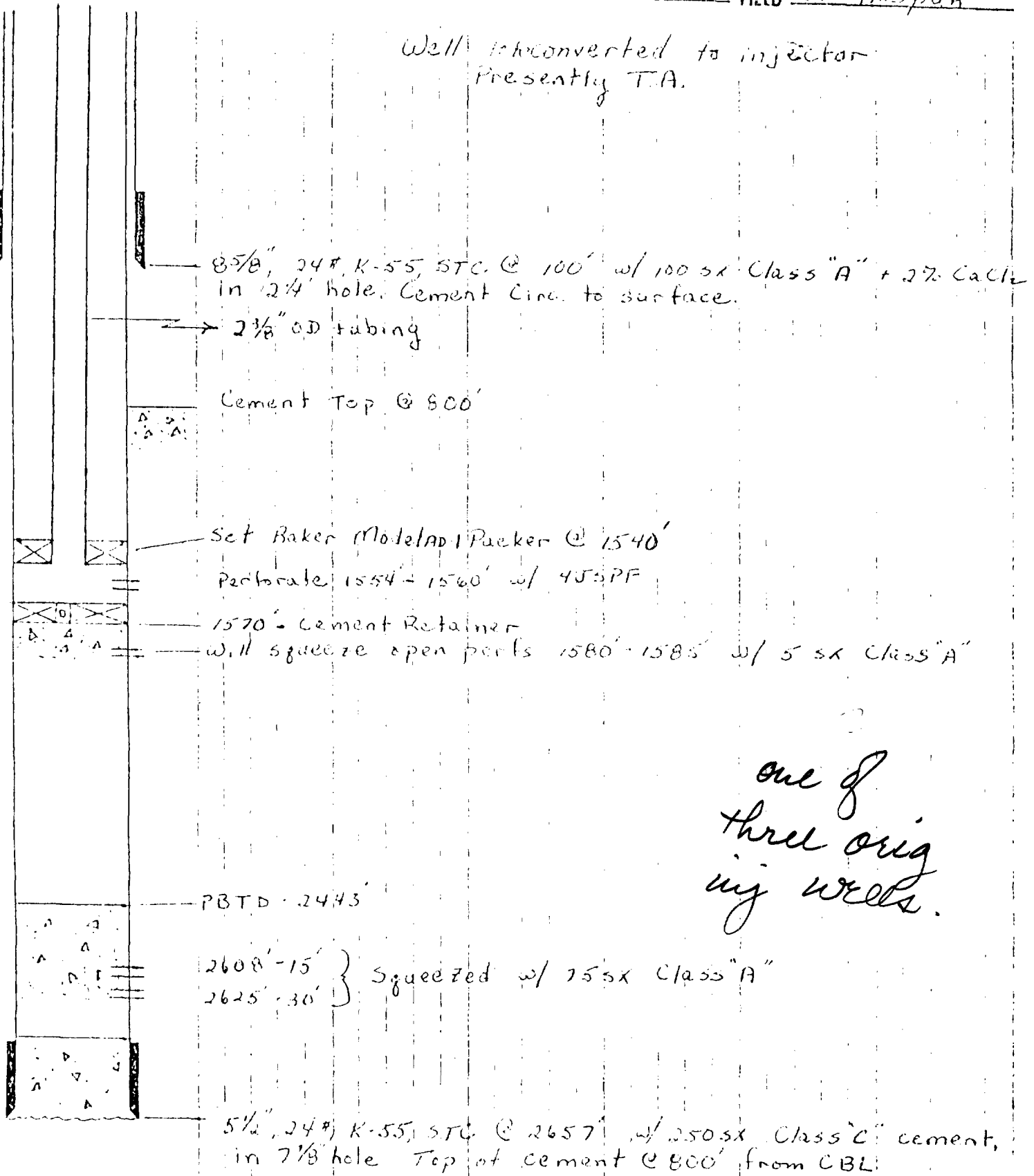
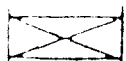
SCRATCHER



BASKET



PERFORATION

DATE 8/15/77 WELL NO. 24 LEASE Hanson FIELD So. HospohWell converted to injector
Presently T.A.one of
three orig
ing wells.

BRIDGE PLUG



PACKER



CENTRALIZER



SCRATCHER



BASKET



PERFORATION

rwh/25 c. 2

DATE 8/15/79 WELL NO. 38 LEASE DEFERR FIELD So Hespar

Well to be converted to injector
Presently T.A.

8 5/8" 24.5K-55, STC @ 138' w/ 1500x Class "A" & 2% CaCl₂
in 12 1/4" hole. Cement circ. to surface.

→ 2 3/8" OD tubing

Calculated cement top @ 1200'. CBL will be run.

Set a Baker Model ADI Packer @ 1590'

Perforate 1607'-1612' w/ 453PF

1648'

Set a Baker Model P-1 BP @ 1660' w/ 25x pot Class "6"
cement on top. (16')

one of 3
thru orig
inj wells

2670'-2676' w/ 253PF. Dakota watered out.

PBTD-2730'

5 1/2" 14.5 15.5K, T-55, STC @ 2740' w/ 3605x Class "A"
Pozmix in 7 3/8" hole. Top of cement calculated to be
@ 1200'. CBL will be run.



BRIDGE PLUG



PACKER



CENTRALIZER



SCRATCHER

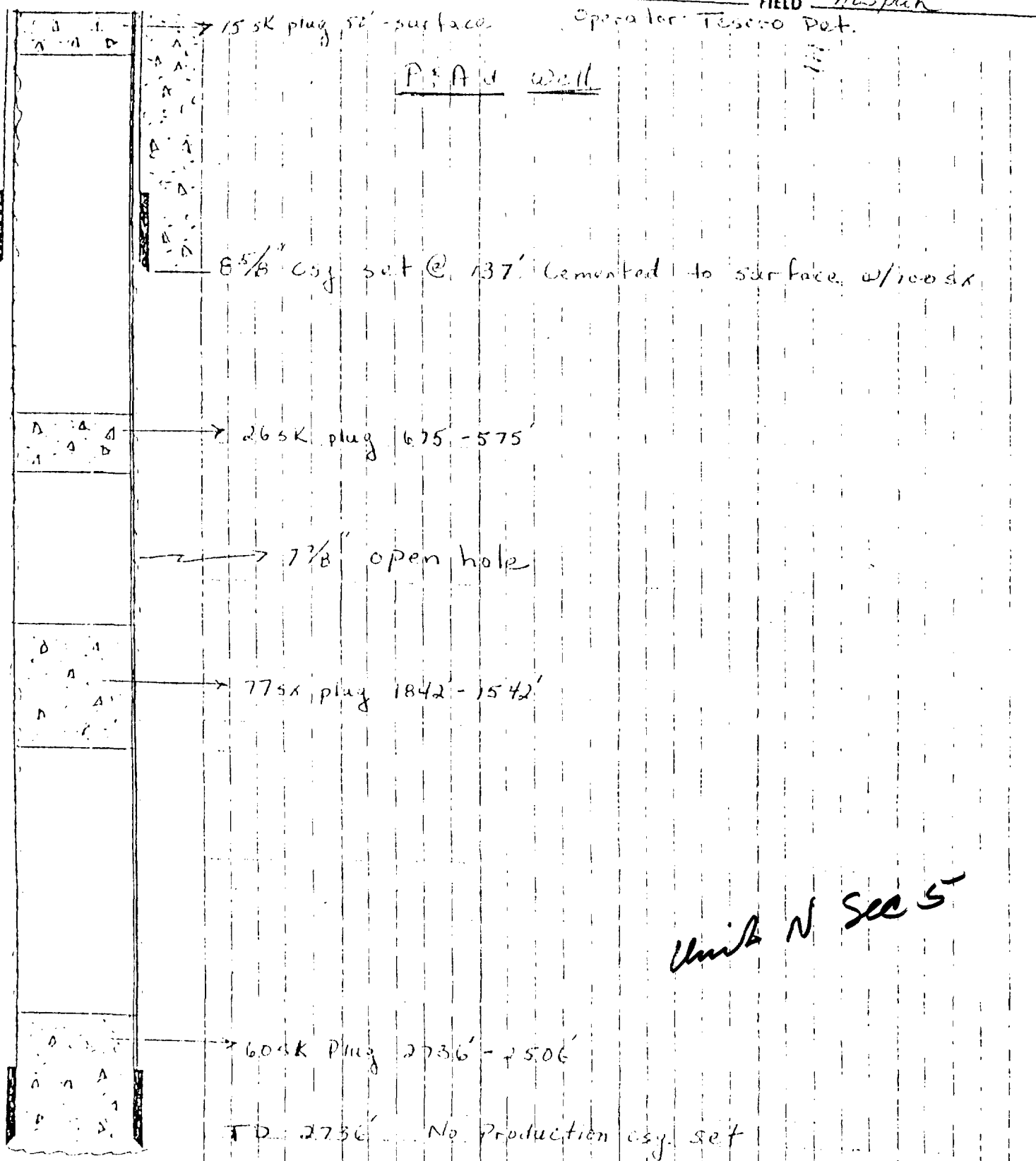


BASKET



PERFORATION

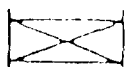
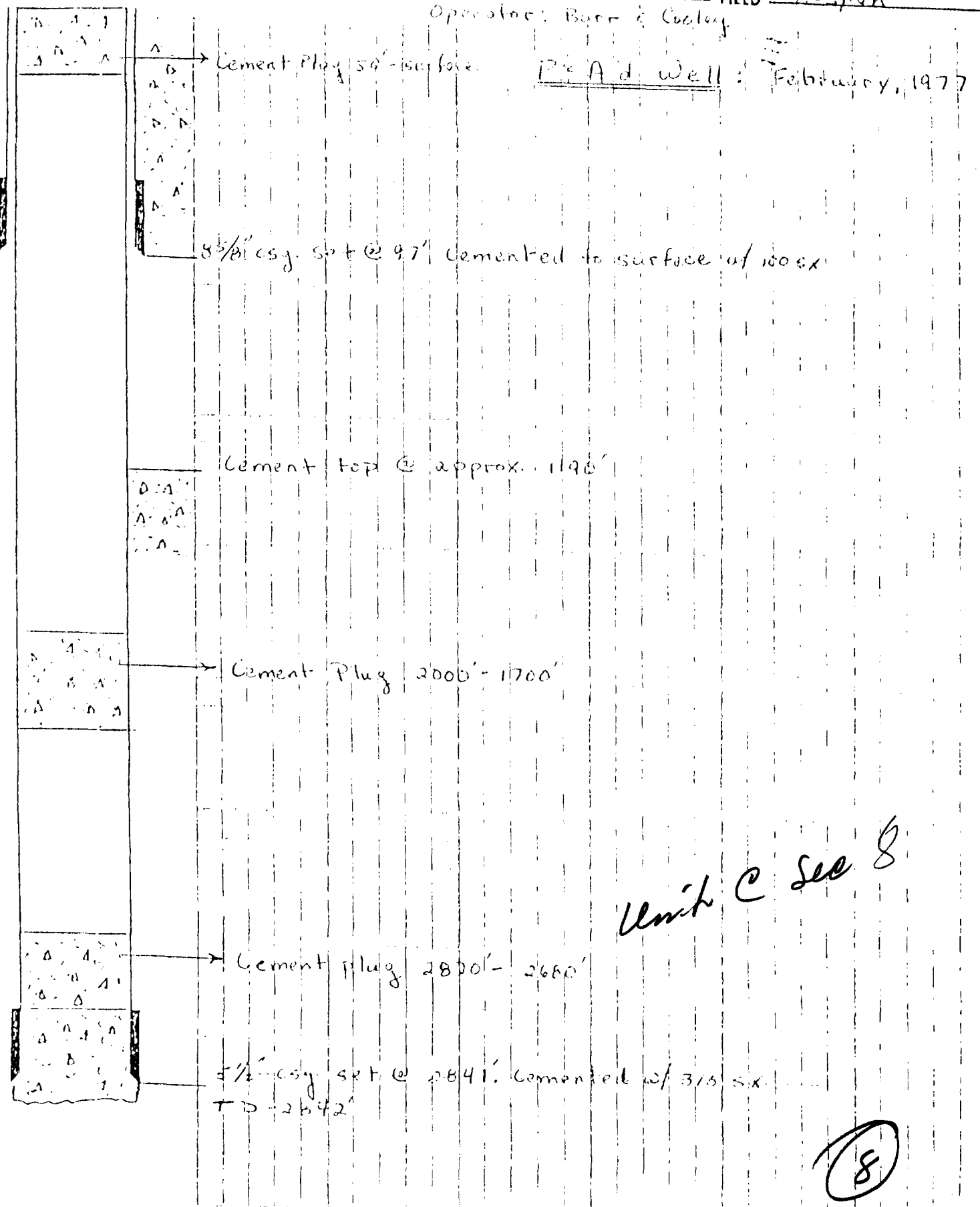
DATE 10/17/79 WELL NO. 30 LEASE SFRB B" FIELD Hospah
Operator: Tesoro Pet.



DATE 10/17/77 WELL NO. 2 LEASE Coleman FIELD Hospih

Operator: Barr & Cooley

PA d Well: February, 1977



BRIDGE PLUG



PACKER



CENTRALIZER



SCRATCHER



BASKET



PERFORATION

WELLS WITHIN 1/2 MILE OF PROPOSED INJECTION WELL

<u>Operator</u>	<u>Name</u>	<u>Location</u>	<u>Casing Strings</u>	<u>Setting Depth</u>	<u>Cement Volume</u>	<u>Cement Top</u>	<u>Total Depth</u>	<u>Producing Interval</u>	<u>Producing Formation</u>
Tesororo	SFRR "B" 30	SE/SW, Sec. 5-17N-8W	8 5/8"	137'	100 sx	surface	2736'	P&A	--
Tesororo	SFRR "B" #32	SW/SW, Sec. 5-17N-8W	9 5/8" 5 1/2"	97' 2634'	90 sx 200 sx	surface 1780'	2648'	2634-48'	Dakota
Tesororo	SFRR "B" #33	NW/SW, Sec. 5-17N-8W	8 5/8" 5 1/2"	102' 2636'	100 sx 385 sx	surface 1494'	2652'	1578-82'	U. Hospah
Tesororo	SFRR "B" #34	SW/SW, Sec. 5-17N-8W	8 5/8" 5 1/2"	105' 1632'	90 sx 100 sx	surface 800'	1638'	1588-96'	U. Hospah
Tesororo	SFRR "B" #36	NW/SW, Sec. 5-17N-8W	8 5/8" 5 1/2"	94' 1599'	100 sx 100 sx	surface 1050'	1600'	1564-70'	U. Hospah
Tesororo	SFRR "B" #37	SW/SW, Sec. 5-17N-8W	8 5/8" 5 1/2"	107' 1613'	100 sx 100 sx	surface 1060'	1614'	1574-80'	U. Hospah
Tesororo	Hanson Fed. #23	SE/SE, Sec. 6-17N-8W	8 5/8" 5 1/2"	144' 2724'	100 sx 325 sx	surface 1350'	2725'	2627-31' 2638-50'	Dakota Dakota
Tesororo	Hanson Fed. #25	NW/NW, Sec. 8-17N-8W	8 5/8" 5 1/2"	107' 2741'	75 sx 385 sx	surface 1100'	2750'	2673-78' 2683-93'	Dakota Dakota
Tesororo	Hanson Fed. #26	NW/NW, Sec. 8-17N-8W	8 5/8" 5 1/2"	104' 1653'	100 sx 100 sx	surface 1170'	1654'	1620-26' 1632-35'	U. Hospah U. Hospah
Tesororo	Hanson Fed. #27	SW/SE, Sec. 6-17N-8W	8 5/8" 5 1/2"	103' 1644'	100 sx 100 sx	surface 1130'	1645'	1519-32' 1535-50'	U. Hospah U. Hospah
Tesororo	Hanson Fed. #28	NW/SE, Sec. 6-17N-8W	8 5/8" 5 1/2"	103' 1687'	100 sx 100 sx	surface 1140'	1699'	1576-82'	L. Hospah
Tesororo	Hanson Fed. #30	SE/NW, Sec. 6-17N-8W	8 5/8" 5 1/2"	103' 1643'	100 sx 100 sx	surface 1090'	1643'	1576-84'	L. Hospah
Tesororo	Hanson Fed. #31	SE/NW, Sec. 6-17N-8W	8 5/8" 5 1/2"	85' 1617'	100 sx 100 sx	surface 1070'	1620'	1550-58'	L. Hospah

WELLS WITH 4 IN 1/2 HOLE - PROPOSED LOCATION WELL

<u>Operator</u>	<u>Name</u>	<u>Location</u>	<u>Casing Strings</u>	<u>Setting Depth</u>	<u>Cement Volume</u>	<u>Cement Top</u>	<u>Total Depth</u>	<u>Producing Interval</u>	<u>Producing Formation</u>
Tesoro	Hanson Fed. #2	SE/NW, Sec. 6-17N-8W <i>5 Acres S2 & 2 & 3 & 4 & 5 NW</i>	7"	75'	40 sx	surface	1542'	1508-11' 1515-19' 1525-28'	Injection
✓ Tesoro	SFRR #2	NE/NE, Sec. 7-17N-8W	8 5/8" 4 1/2"	45' 1621' ✓	15 sx 35 sx	surface 1440'	1625'	TA	-- <i>Sheet ⑤</i>
X Burr & Cooley	Coleman #2	NE/NW, Sec. 8-17N-8W	8 5/8" 5 1/2"	97' 2841'	100 sx 315 sx	surface 1190'	2842'	P&A	--
✓ Tesoro	SFRR #28	SE/NE, Sec. 7-17N-8W	8 5/8"	134'	100 sx	surface	2843'	<i>P&A</i> P&A ✓	-- <i>Sheet ②</i>
✓ Tesoro	LPDU #29 (Hanson Fed. #22)	SW/NW, Sec. 8-17N-8W	8 5/8" 5 1/2" 3 1/2"	72' 1810' 2859'	50 sx 100 sx 75 sx	surface 1220' 1200'	2860'	P&A ✓	-- <i>Sheet ①</i>



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

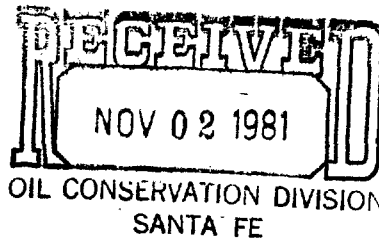
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 874
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE Oct 16 1981

Attention:
Oscar Simpson

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



Gentlemen:

I have examined the application dated Oct 13, 1981
for the Tesoro Petroleum Corp. Santa Fe B-39 M-5-17N-8W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Jeff A. Edmister
JE