29849635 WFX 766 11/7/00

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 SOUTH PACHECO
SANTA FE, NEW MEXICO 87505

FORM C-108
Revised 4-1-98

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: X Secondary Recovery ____ Pressure Maintenance ____ Disposal ____ Storage
Application qualifies for administrative approval? X Yes ____ No

II. OPERATOR: Stephens & Johnson Operating Co.

ADDRESS: P. O. Box 2249, Wichita Falls, TX 76307-2249

CONTACT PARTY: Peyton S. Carnes, Jr. PHONE: (940) 723-2166

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? X Yes ____ No
If yes, give the Division order number authorizing the project: R-3001

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:

OCT 2 3 2000

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: Peyton S. Carnes, Jr. TITLE: Petroleum Engineer

SIGNATURE: Peyton S. Carnes DATE: October 20, 2000

* 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: The Denton North Wolfcamp Unit was effective January 1, 1966; water injection was started in November, 1966.

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, 2040 South Pacheco, 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.

STEPHENS & JOHNSON OPERATING CO.
DENTON NORTH WOLFCAMP UNIT
LEA COUNTY, NEW MEXICO

Data on Proposed Waterflood Expansion
for Well No. 633:

1. Proposed average and maximum daily rate and volume of water to be injected will be 800 BWPD (average) and 1500 BWPD (maximum).

2. The system is a closed system.

3. Proposed average and maximum injection pressure will be 2800 psig (average) and 3000 psig (maximum).

4. Source of water is the produced water from the project and produced water from offset leases which is composed of both Wolfcamp saltwater and Devonian saltwater which are compatible.

SPND 1-3-96

Side 1

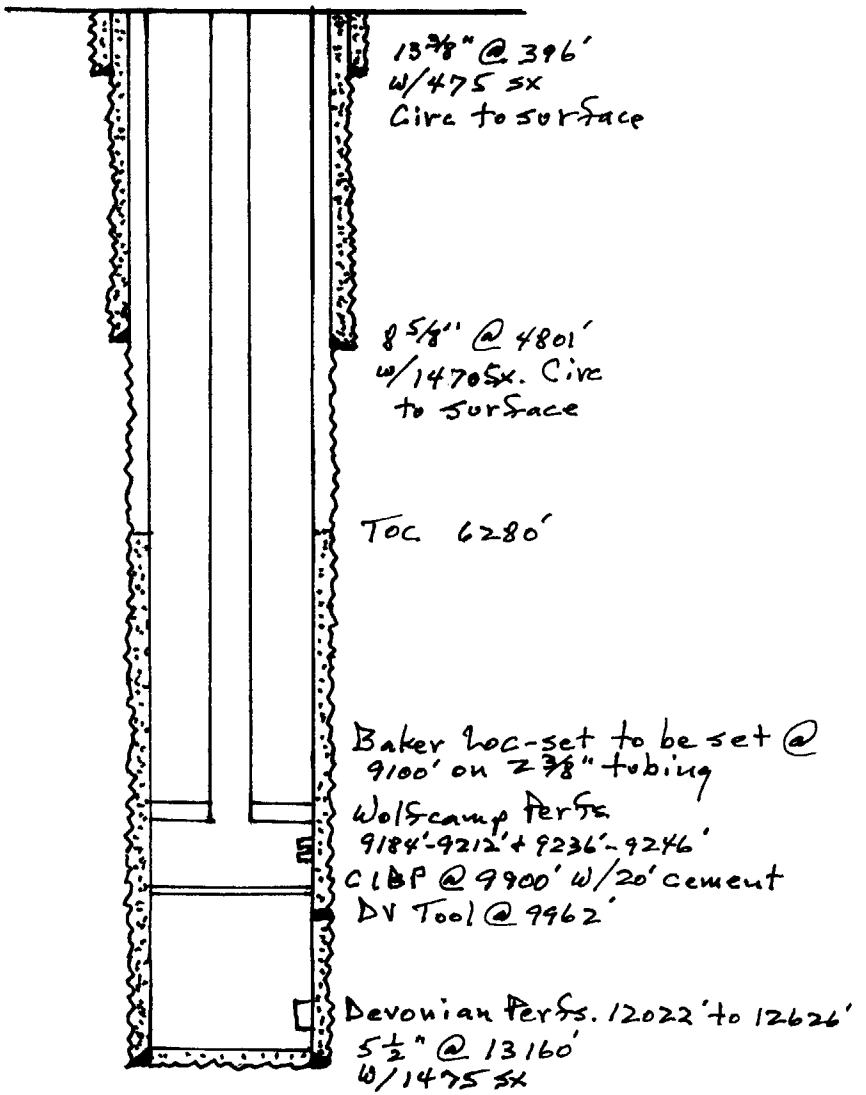
INJECTION WELL DATA SHEET

OPERATOR: Stephens & Johnson Operating Co.

WELL NAME & NUMBER: Denton North Wolfcamp Unit No. 633 (30-025-33090)

WELL LOCATION:	1458' FNL & 1347' FEL	G	35	14S	37E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17" Casing Size: 13 3/8"

Cemented with: 475 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Visual

Intermediate Casing

Hole Size: 12 1/4" Casing Size: 8 5/8"

Cemented with: 1470 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Visual

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2"

Cemented with: 875 sx. *or* _____ ft³

DV Tool @ 9962'. Cemented with 600 sx.

Top of Cement: 6280' Method Determined: CBL

Total Depth: 13160'

Injection Interval

9170 feet to 9300

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: PVC plastic

Type of Packer: Baker Loc-set

Packer Setting Depth: 9100'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X No

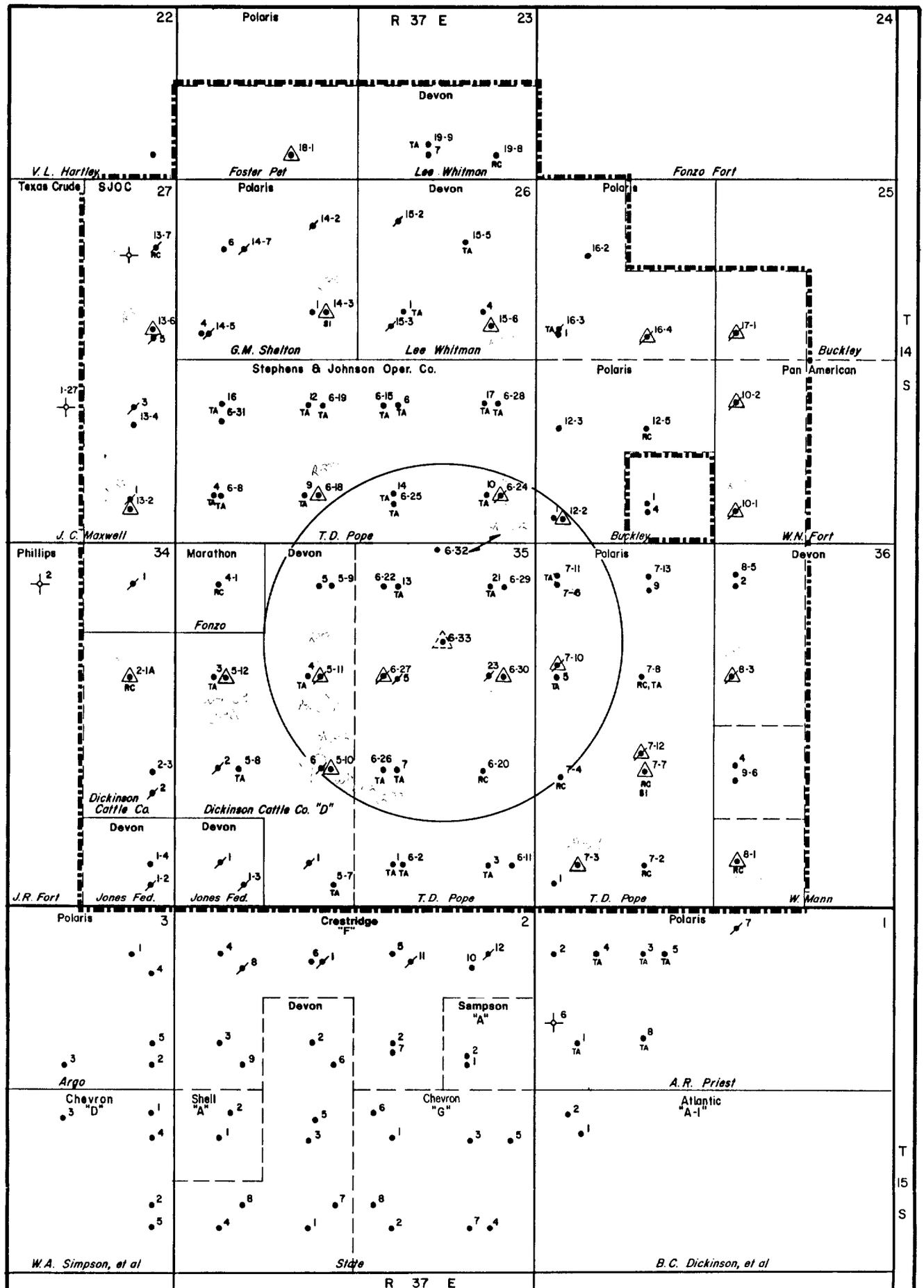
   If no, for what purpose was the well originally drilled? Production from Devonian and then was plugged back to the Wolfcamp.

2. Name of the Injection Formation: Wolfcamp

3. Name of Field or Pool (if applicable): Denton Wolfcamp

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Perforated in the Devonian 12022-32', 12082-92', 12407-422', 12481-488', 12626-61', 12674-78'; (12200-210' squeezed). Set CIBP at 9900' KB. Dumped 3 sx cement on plug to PBTD of 9880'.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None



LEGEND

- PRODUCING OIL WELL
- WATER INJECTION WELL
- PLUGGED & ABANDONED WELL
- TA TEMPORARILY ABANDONED
- SI SHUT IN
- RC RECOMPLETED
- DRY HOLE
- UNIT BOUNDARY

STEPHENS & JOHNSON OPERATING CO.

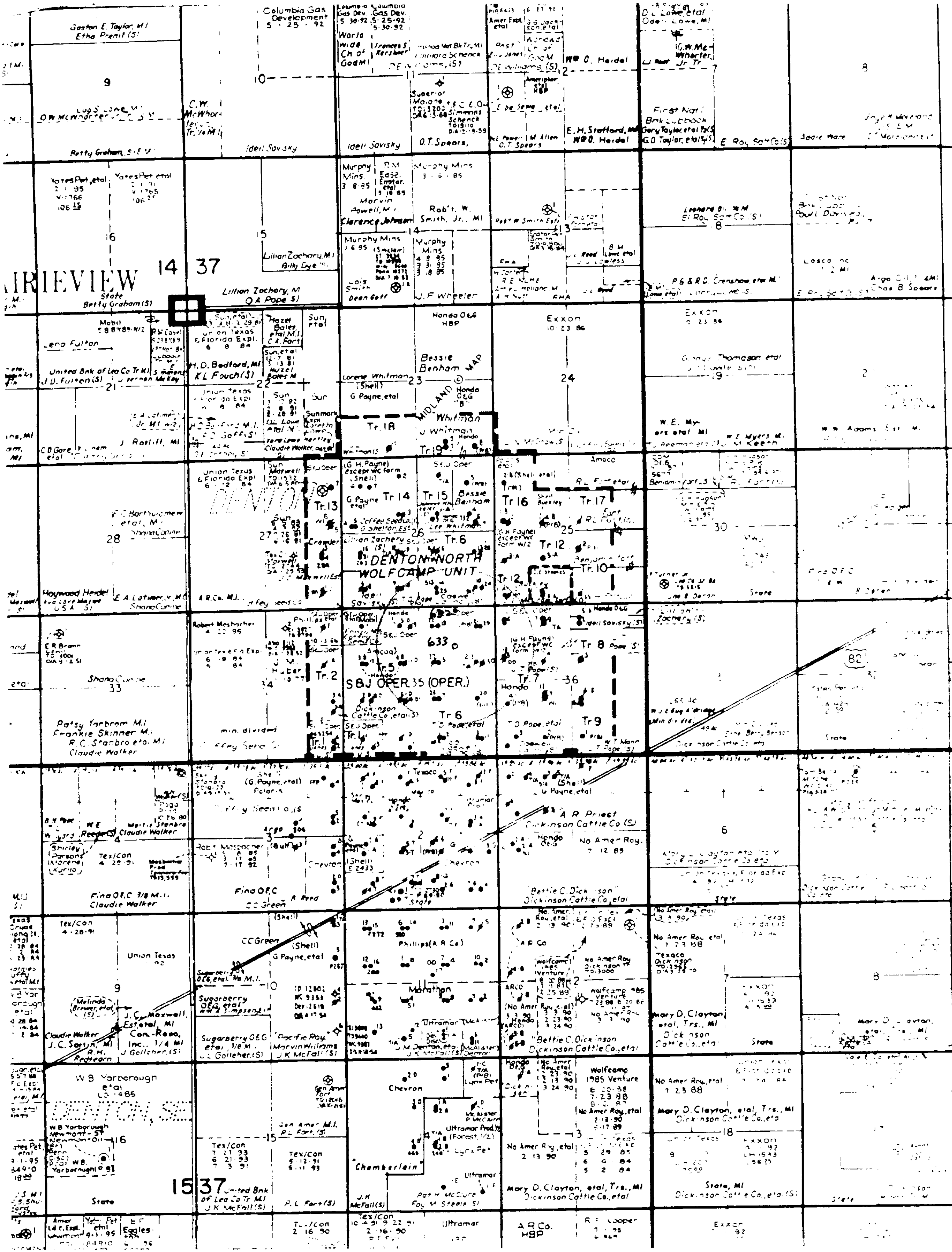
DENTON NORTH WOLFCAMP UNIT

LEA COUNTY, NEW MEXICO

ONE HALF MILE RADIUS REVIEW AREA FOR PROPOSED WATER INJECTION WELL

SCALE 0' 1000'

PETROLEUM ENGINEERS
STEPHENS ENGINEERING
WICHITA FALLS, TEXAS



Columbia Gas Development 5-25-92
Gaston E. Taylor, MI
Etha Prenit (S)
O.W. McWhorter
Betty Graham, S.E.
C.W. McWhorter
Idell Savisky
O.T. Spears
E.H. Stafford, MI
W.D. Heidel
G.D. Taylor, etal (S)
First Nat'l Bnk Lubbock
Murphy Mins.
Marvin Powell, M.I.
Clarence Johnson
Rob't. W. Smith, Jr., MI
Yates Pet. etal
Lillian Zachary, MI
Billy Dye
AIRIEVIEW
14
37
Lillian Zachary, M
O.A. Pope (S)
State
Betty Graham (S)
Mobil
Lena Fulton
United Bnk of Lea Co Tr MI
J.D. Fulton (S)
Union Texas E. Florida Expl.
H.D. Bedford, MI
K.L. Fouch (S)
Sun etal
Hazel Bales etal M.I.
Hondo O&G HBP
Bessie Benham
MIDLAND MAP
Lorene Whitman (Shell)
G. Payne, etal
Exxon 10-23-86
Whitman
J. Whitman
Tr. 18
Tr. 19
Tr. 13
Tr. 14
Tr. 15
Tr. 16
Tr. 17
Tr. 6
Tr. 12
Tr. 10
Tr. 11
DENTON NORTH
WOLFCAMP UNIT
Amoco
W.E. Myers etal MI
C.D. Gore
J. Ratliff, MI
Claudie Walker
Haywood Heidel
E.A. Latimer, MI
Shana Connie
Robert Mosbacher
J.M. Huber
633
Tr. 2
Tr. 5
Tr. 7
Tr. 8
Tr. 9
Tr. 1
SBJ OPER 35 (OPER.)
Dickinson Cattle Co., etal (S)
T.D. Pope, etal
Zachery (S)
82
Patsy Yarbrom MI
Frankie Skinner MI
R.C. Stanbro etal MI
Claudie Walker
Robt. Mosbacher
Tex/Con 4-29-91
Fina O&C
C.C. Green
Chevron
A.R. Priest
Dickinson Cattle Co (S)
No Amer Roy. 7-12-89
Bettie C. Dickinson
Dickinson Cattle Co., etal
Union Texas
Phillips (A.R.Co)
Marathon
Sugarberry O&G etal
J.C. Maxwell, Estetal MI
Con-Reso, Inc., 1/4 MI
J. Golliher (S)
J.C. Sartin, MI
Pacific Roy.
Marvin Williams
J.K. McFall (S)
Wolfcamp 1985 Venture
Mary D. Clayton, etal, Trs., MI
Dickinson Cattle Co., etal
W.B. Yarborough etal
Chevron
Ultramar
Chamberlein
Tex/Con
No Amer Roy, etal 2-13-90
State, MI
Dickinson Cattle Co., etal (S)
Exxon
15
37
United Bnk of Lea Co Tr MI
J.K. McFall (S)
State
P.L. Fort (S)
Pat H. McClure
Fay M. Steele (S)
A.R. Co. HBP
R.F. Cooper
E.F. Eagles

STEPHENS & JOHNSON OPERATING CO.
DENTON NORTH WOLFCAMP UNIT
LEA COUNTY, NEW MEXICO

AREA OF REVIEW DATA FOR INJECTION PERMIT

Section, Twn, Rg Operator Lease	Well No.	Date Drilled	Type of Well	Location	Casing Record Size	Cement	Depth	Total Depth	Completion Zone	Remarks
25-14S-37E										
Stephens & Johnson Operating Co.										
Denton North WCU	12-2	1-54	Water Inj.	M-25-14S-37E	13 3/8"	400	329'	9360'	Wolfcamp: 9212' to 9360' OH	
					8 5/8"	3200	4737'			
					5 1/2"	300	9212'			
Polaris Production Corp. (Shell Oil Co.)										
Buckley "A"	1	11-53	TA Producer	M-25-14S-37E	13 3/8"	350	373'	12595'	Devonian: 12281' to 12595' OH.	Rhombus PB to 12065' and perf. Strawn 10838' to 10848' & 10746' to 10770'. Dry.
					8 5/8"	2500	4746'			
					5 1/2"	800	12281'			
26-14S-37E										
Stephens & Johnson Operating Co.										
Denton North WCU	6-24	10-2-53	P&A Producer	P-26-14S-37E	10 3/4"	450	446'	9390'	Wolfcamp 9200' to 9388' perf.	Squeezed to of liner w/300 sks. P&A 10-4-82
					7 5/8"	2191	4818'			
					5 1/2"	266	9390'			
					Liner		to 4668'			
	6-25	10-53	TA Producer	O-26-14S-37E	10 3/4"	500	434'	9370'	Wolfcamp 9187' to 9344' perf.	Squeezed top of liner w/300 sks.
					7 5/8"	1950	4805'			
					5 1/2"	600	9370'			
					Liner		to 4634'			
T. D. Pope	10	3-9-53	TA Producer	P-26-14S-37E	13 3/8"	450	452'	12637'	Devonian: 12086' to 12237' perf.	Squeezed top of liner w/400 sks.
					8 5/8"	2904	4840'			
					5 1/2"	850	12637'			
	14	9-8-53	TA Producer	O-26-14S-37E	13 3/8"	500	462'	12365'	Devonian: 12112' to 12544' perf.	
					8 5/8"	2686	4850'			
					5 1/2"	1100	12635'			
					Liner		to 4658'			
35-14S-37E										
Stephens & Johnson Operating Co.										
Denton North WCU	5-9	7-53	Producer	C-35-14S-37E	13 3/8"	400	337'	9250'	Wolfcamp 9180' to 9250' OH.	
					8 5/8"	2200	4737'			
					5 1/2"	700	9180'			
					Liner		to 4558'			

AREA OF REVIEW DATA FOR INJECTION PERMIT (con'td)

Well No.	Date Drilled	Type of Well	Location	Casing Record Size	Cement	Depth	Total Depth	Completion Zone	Remarks
5-10	8-14-53	Water Inj.	K-35-14S-37E	13 3/8"	400	350'	9280'	Wolfcamp 9160' to 9280' OH.	
				8 5/8"	2100	4750'			
				5 1/2"	750	9160'			
5-11	9-19-53	P&A Water Inj.	F-35-14S-37E	13 3/8"	400	338'	9300'	Wolfcamp 9200' to 9300' OH.	P&A 11-8-76
				8 5/8"	2200	4740'			
				5 1/2"	800	9200'			
				Liner		to 4452'			
6-20	9-8-53	TA Producer	I-35-14S-37E	13 3/8"	475	439'	12632'	Wolfcamp 9128' to 9191' perf.	Squeezed top of liner w/190 sks. Originally perf. Devonian 12149' to 12615'. In 7-83 set CIBP and cement at 11965'. Perforated Wolfcamp.
				8 5/8"	2180	4850'			
				5 1/2"	1000	12632'			
				Liner		to 4706'			
6-22	9-53	Producer	B-35-14S-37E	10 3/4"	500	450'	9350'	Wolfcamp 9183' to 9246' perf.	Squeezed top of liner w/350 sks.
				7 5/8"	1850	4800'			
				5 1/2"	240	9350'			
				Liner		to 4628'			
6-26	11-53	TA Producer	J-35-14S-37E	10 3/4"	450	460'	9370'	Wolfcamp 9154' to 9220' perf.	Squeezed top of liner w/300 sks.
				7 5/8"	2000	4760'			
				5 1/2"	278	9326'			
				Liner		to 4580'			
6-27	11-20-53	P&A Water Inj.	G-35-14S-37E	10 3/4"	450	448'	9355'	Wolfcamp 9181' to 9206' perf.	Squeezed top of liner w/300 sks. P&A 8-25-76.
				7 5/8"	1565	4800'			
				5 1/2"	415	9355'			
				Liner		to 4623'			
6-29	11-53	Producer	A-35-14S-37E	10 3/4"	450	440'	9350'	Wolfcamp 9214' to 9242' perf.	Squeezed top of liner w/300 sks.
				7 5/8"	2270	4810'			
				5 1/2"	460	9350'			
				Liner		to 4626'			
6-30	12-53	Water Inj.	H-35-14S-37E	10 3/4"	535	459'	9370'	Wolfcamp 9179' to 9326' perf.	
				7 5/8"	2291	4778'			
				5 1/2"	475	9370'			
				Liner		to 4587'			

AREA OF REVIEW DATA FOR INJECTION PERMIT (con'td)

n, Rg

Well No.	Date Drilled	Type of Well	Location	Casing Record Size	Cement	Depth	Total Depth	Completion Zone	Remarks
(cont'd)									
& Johnson Operating Co.									
ope 5	4-15-53	P&A Producer	G-35-14S-37E	13 3/8"	450	430'	12342'	Devonian: 12010' to 12342' OH.	Squeezed top of liner w/200 sks. P&A 9-22-94.
				8 5/8"	3700	4820'			
				5 1/2"	940	12010'			
				Liner		to 4584'			
7	5-21-53	TA Producer	J-35-14S-37E	13 3/8"	550	437'	12630'	Devonian: 12287' to 12628' perf.	Squeezed top of liner w/300 sks.
				9 5/8"	2600	4768'			
				5 1/2"	710	12630'			
				Liner		to 4557'			
13	12-5-52	TA Producer	B-35-14S-37E	13 3/8"	525	492'	12635'	Devonian: 11970' to 12539' perf.	Squeezed top of liner w/400 sks.
				8 5/8"	2450	4850'			
				5 1/2"	600	12635'			
				Liner		to 4635'			
21	12-7-53	TA Producer	A-35-14S-37E	13 3/8"	550	425'	12635'	Devonian: 12060' to 12585' perf.	Squeezed top of liner w/200 sks.
				8 5/8"	2831	4821'			
				5 1/2"	750	12635'			
				Liner		to 4601'			
23	11-25-53	P&A Producer	H-35-14S-37E	13 3/8"	500	467'	12630'	Devonian: 12064' to 12556' perf.	Squeezed top of liner w/350 sks. P&A 10-17-92
				8 5/8"	3048	4850'			
				5 1/2"	775	12630'			
				Liner		to 4620'			
rgy Corp. (Atlantic-Richfield)									
on "D" 4	11-4-52	TA Producer	F-35-14S-37E	13 3/8"	400	348'	12400'	Devonian: 12298' to 12400' OH.	
				8 5/8"	1700	4737'			
				5 1/2"	1300	12298'			
5	3-1-53	TA Producer	C-35-14S-37E	13 3/8"	400	336'	12475'	Devonian: 12178' to 12475' OH.	
				8 5/8"	1700	4730'			
				5 1/2"	1000	12178'			
				Liner		to 4470'			
6	6-14-53	P&A Producer	K-35-14S-37E	13 3/8"	400	339'	12560'	Devonian: 12369' to 12560' OH.	P&A 4-29-72
				8 5/8"	1700	4749'			
				5 1/2"	900	12369'			
				Liner		to 4515'			

AREA OF REVIEW DATA FOR INJECTION PERMIT (con'td)

Section, Twn, Rg Operator Lease	Well No.	Date Drilled	Type of Well	Location	Casing Record Size	 Cement	 Depth	Total Depth	Completion Zone	Remarks
36-14S-37E										
Stephens & Johnson Operating Co.										
Denton North WCU	7-4	1-54	TA Producer	L-36-14S-37E	13 3/8" 9 5/8" 7"	350 2816 400	320' 4767' 12642'	12647'	Wolfcamp 9138' to 9229' perf.	Originally perf. Devonian 12295' to 12620'. In 7-83 set CIBP and cement at 12100'. Perf. Wolfcamp.
	7-6	12-53	TA Producer	D-36-14S-37E	13 3/8" 9 5/8" 7"	350 2063 600	300' 4770' 12414'	12414'	Wolfcamp 9192' to 9363' perf.	Originally perf. Devonian 12114' to 12643'. In 4-97 set CIBP@ 1200' & 20' of cement on plug. Perf. Wolfcamp.
	7-10	5-54	P&A Producer	E-36-14S-37E	13 3/8" 9 5/8" 7"	350 2850 125	319' 4759' 9369'	9370'	Wolfcamp 9194' to 9346' perf.	P&A 9-25-82.
	7-11	6-54	TA Producer	D-36-14S-37E	13 3/8" 9 5/8" 7"	350 2600 125	326' 4779' 9399'	9399'	Wolfcamp 9206' to 9373' perf.	
Polaris Production Corp. (Sinclair Oil & Gas)										
T. D. Pope	5	1-3-54	TA Producer	E-36-14S-37E	13 3/8" 9 5/8" 7"	350 2450 700	311' 4775' 12642'	12643'	Devonian: 12542' to 12639' perf.	In 12-58 perforated 12295' to 12480'

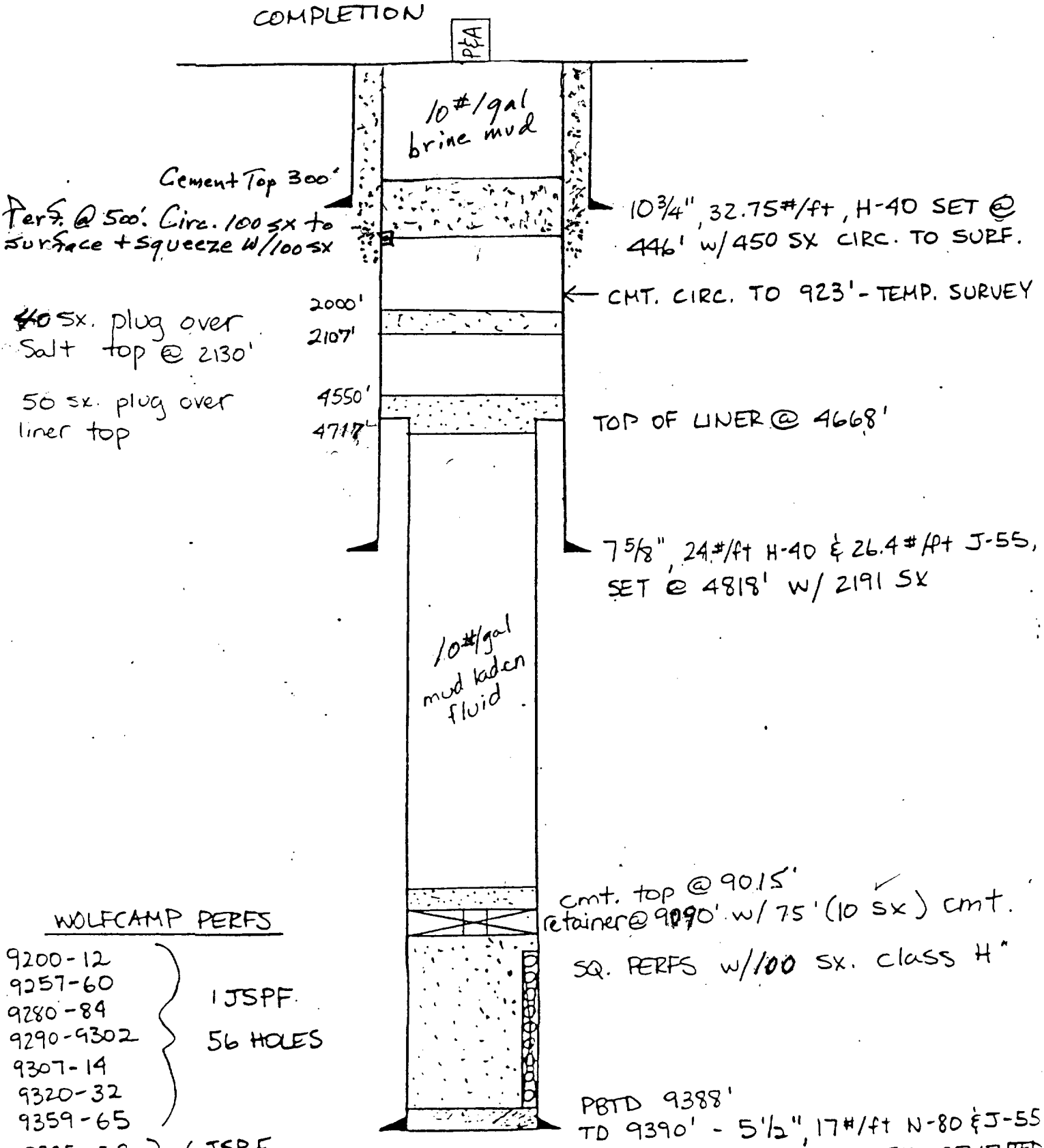
DATE 4-22-82 WELL NO. 6-24 LEASE DENTON NORTH WOLFCAMP UNIT FIELD DENTON WOLFCAMP

LEA COUNTY, N.M.

LOCATION SEC. 26, TR. 6, 660' FSL & 460' FEL SIGNED J. BOUBEL

G.L. 3810'
D.F. —
K.B. 3822'
ZERO —

COMPLETION



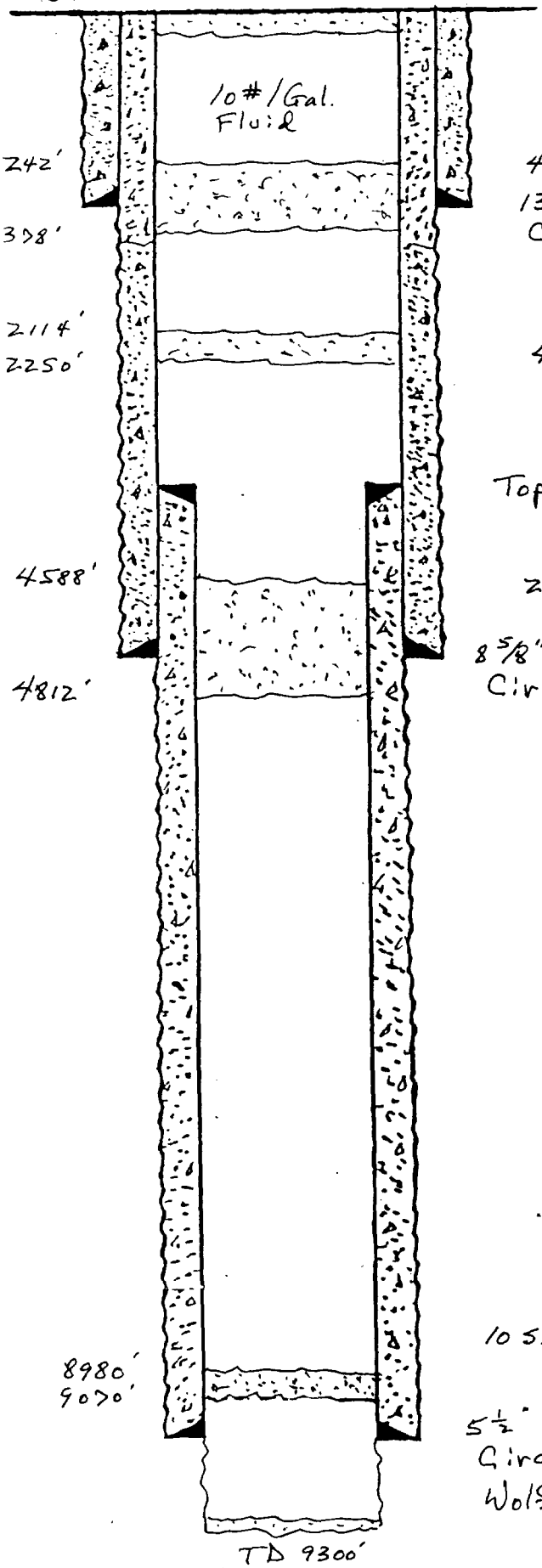
WOLFCAMP PERFS

9200-12	1 JSPF
9257-60	
9280-89	
9290-9302	56 HOLES
9307-14	
9320-32	
9359-65	
9225-52	6 JSPF
9381-88	204 HOLES

Mobil Oil Corp.
Section 35 T 14S R 37E
Unit F

Denton North Wolfcamp Unit
Denton North Wolfcamp Field

Well 5-11
GL NA
DF 3813'



10 Sx Plug at surface

40 Sx. Plug from 242' to 338'
13 3/8", 35.6 #/Ft CSG Set @ 338' w/400 Sx CMT.
Circ. to surface.

40 Sx. Plug from 2114' to 2250'

Top liner @ 4452'

25 Sx. Plug from 4588' to 4812'.

8 5/8" 32#/Ft. CSG. Set @ 4740' w/2200 Sx. CMT.
Circ. to Surface.

10 Sx. Plug from 8980' to 9020'.

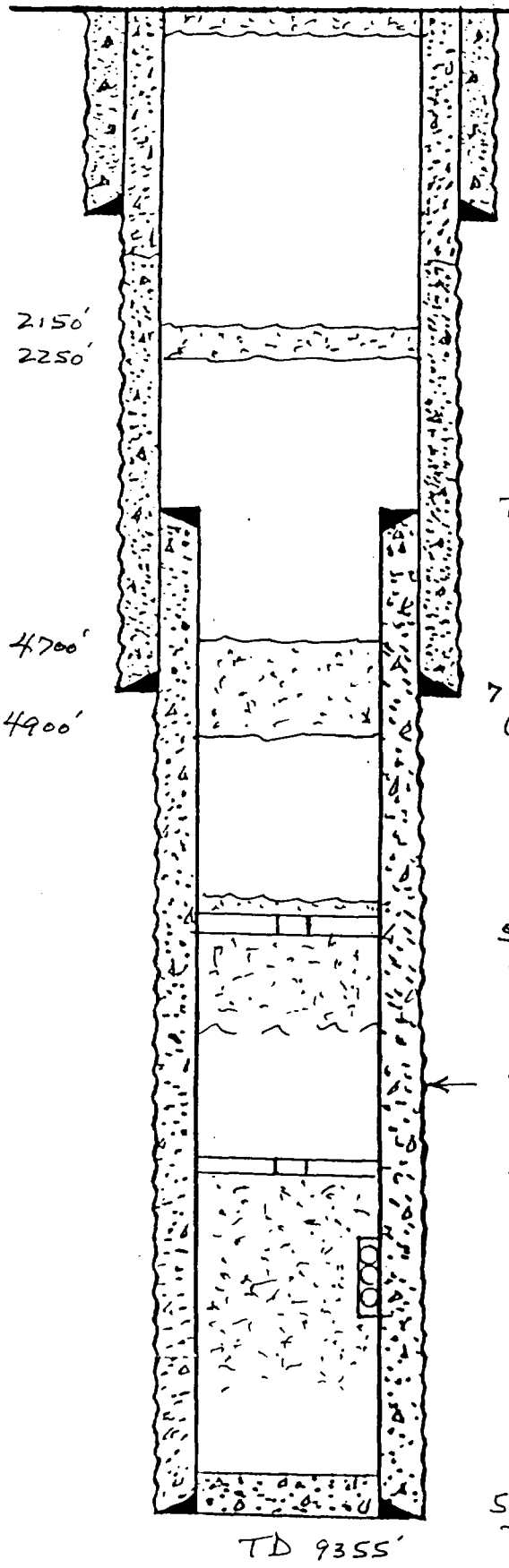
5½" 17#/Ft. liner Set @ 9200' w/800 Sx CMT.
Circ. to top of liner.
Wolfcamp Openhole 9200' to 9288'

P+A 11-8-76

Mobil Oil Corp.
Section 35 T14S R37E
Unit G

Denton North Wolfcamp Unit
Denton North Wolfcamp Field

Well 6-27
GL 3794'
DF 3805'



10 Sx. Plug @ Surface 0' to 30'

10 3/4", 35.75#/Ft. CSG. Set @ 448' w/450 Sx. CMT. Circ. to Surface.

25 Sx. Plug from 2150' to 2250'

Top liner @ 4623'. Squeezed top of liner w/300 sx.

25 Sx. Plug from 4700' to 4900'

7 5/8" 24# & 26.4#/Ft. CSG. Set @ 4800' w/1565 Sx. CMT. Circ. to Surface.

5 1/2" EZ Drill Retainer @ 5321' & pumped 250 sx CMT. below Retainer

← TOC @ 6455' (Temp Survey)

5 1/2" CMT. Retainer @ 8987'. Squeezed 85 sx. CMT below Retainer.

Wolfcamp perforations 9181' to 9206'

5 1/2" 17#/Ft. liner Set @ 9355' w/415 Sx CMT. TOC @ 6455' (Temp. Survey)

P&A 8-25-76

Collins + Ware, Inc.

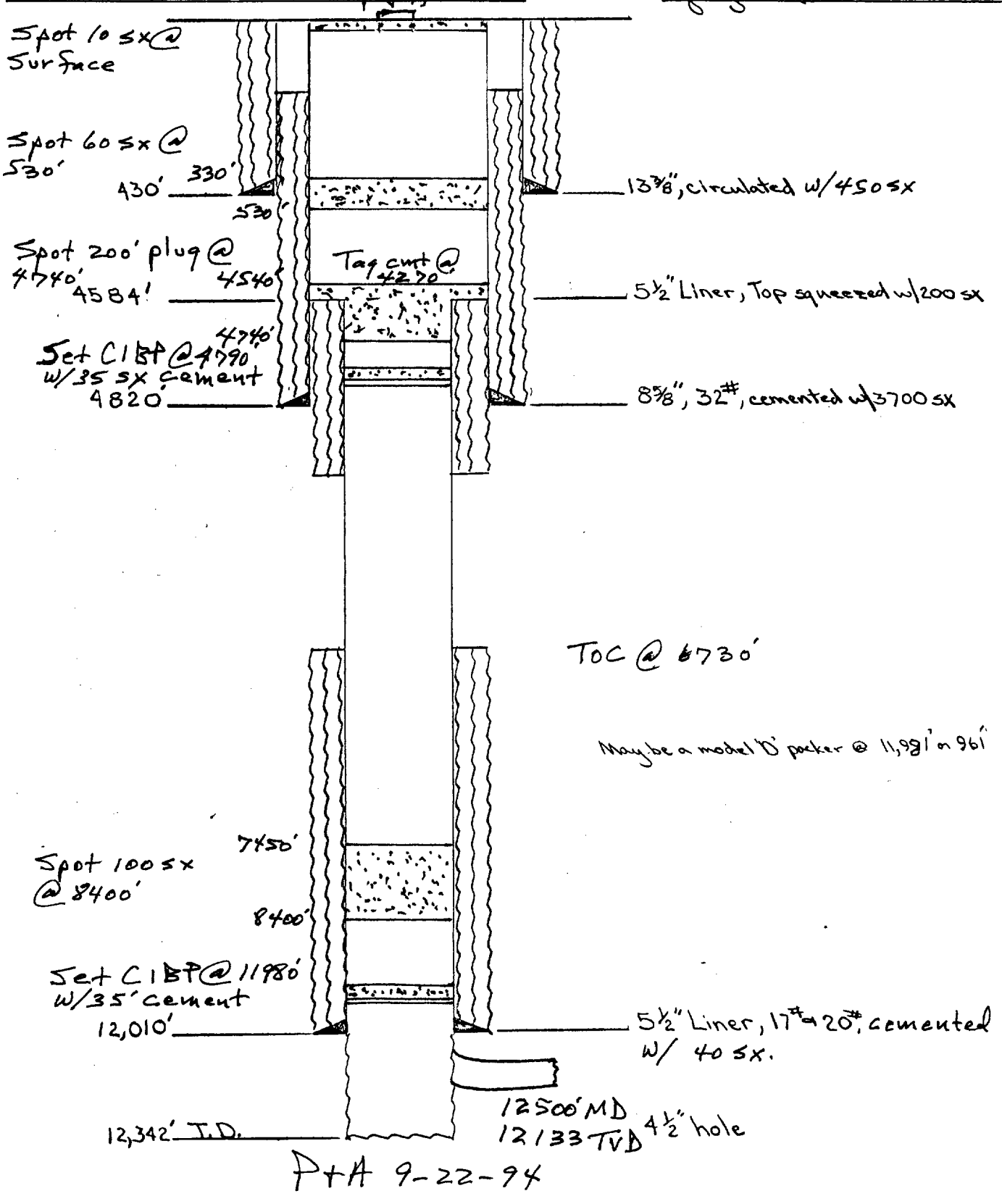
UNIT J. D. Pope — FILE NO.

FOR Denton Devonian Field Study — JOB OR AUTH. NO.

LOCATION — PAGE

SUBJECT J. D. Pope #5 — DATE 7-14-77

BY



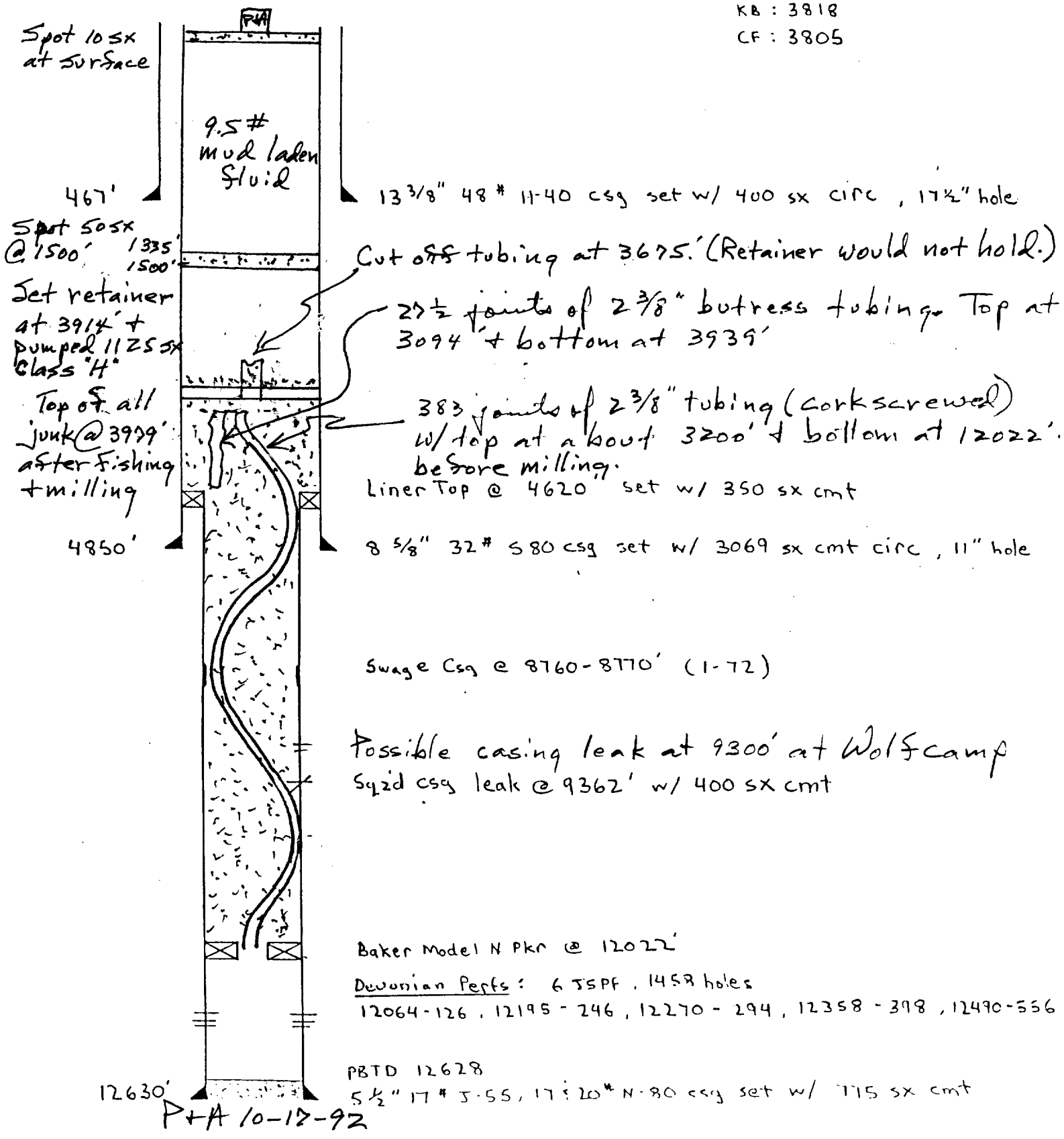
Stephens + Johnson Operating Co.

Lease: TD Pope Well No. 23 Date: _____

Location: 1980' FNL & 660' FEL Sec 35, 14S, R37E By: KA Carwile

Subject: well completion

Elevation: GL : 3806
KB : 3818
CF : 3805

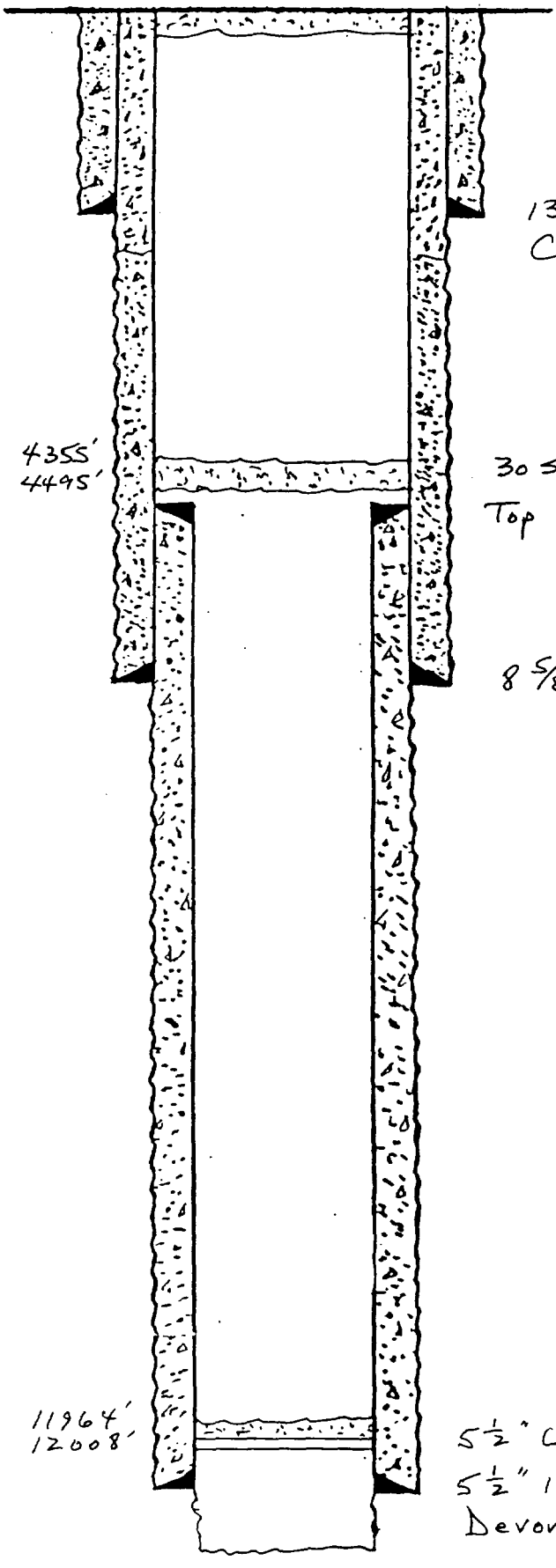


P+A 10-17-92

Atlantic Richfield Co.
Section 35 T14S R32E
Unit K

Dickinson "D"
Denton Devonian Field

Well No. 6
GL NA
DF 3816'



10 sx Plug at Surface

13 3/8" 50#/Ft. CSG Set @ 339' w/400 sx CMT.
Circ. to Surface

4355'
4495'

30 sx Plug from 4355' to 4495'
Top of liner @ 4515'

8 5/8" 32#/Ft. CSG Set @ 4749' w/1700 sx CMT.

11964'
12008'

5½" CIBP @ 12008' + 5 sx CMT to 11964'
5½" 17#/Ft. CSG Set @ 12369' w/900 sx CMT
Devonian Openhole 12369' to 12560'.

TD 12560'

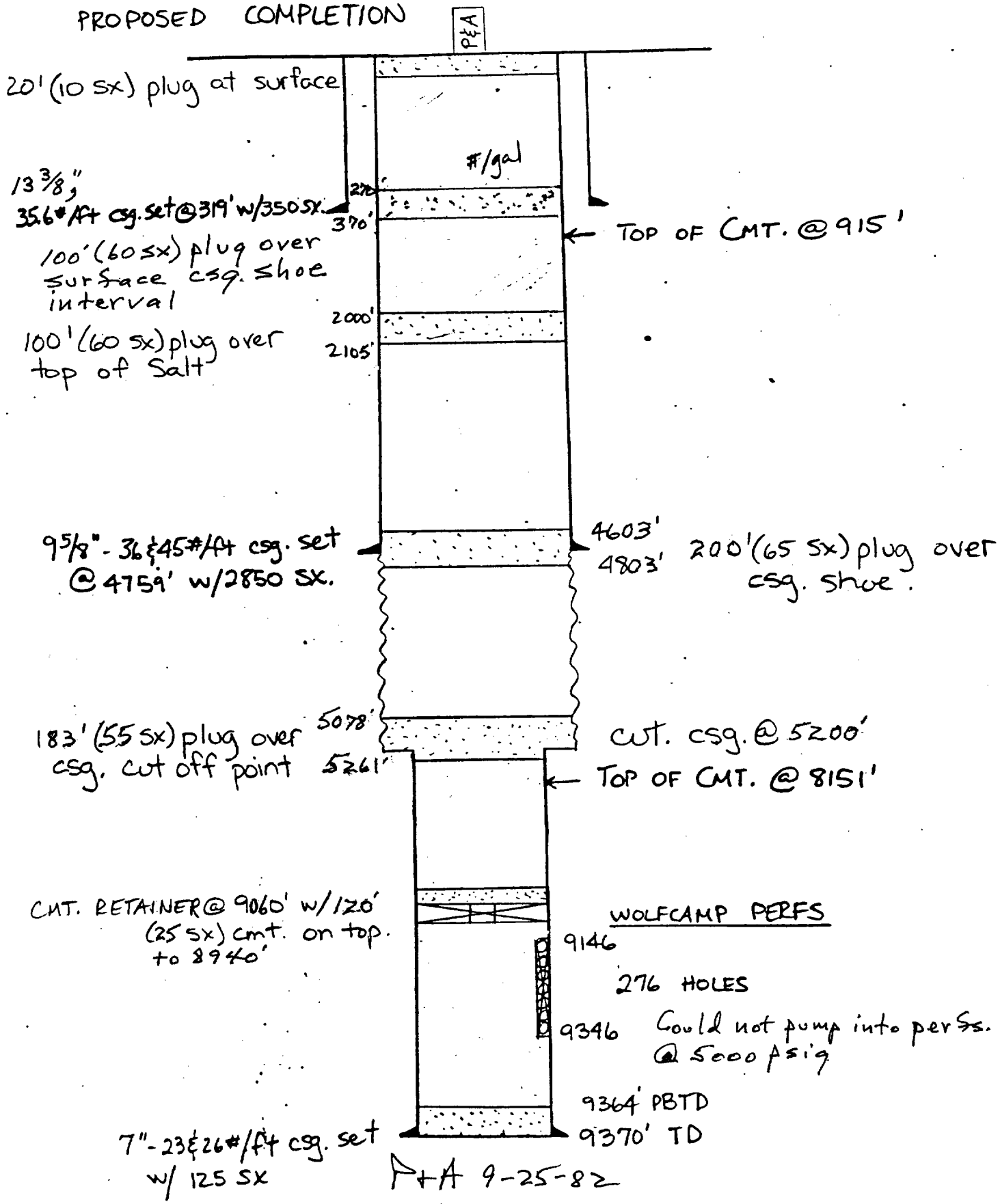
P+A 4-29-72

DATE [redacted] WELL NO. 7-10 LEASE DENTON NORTH WOLFCAMP UNIT FIELD DENTON WOLFCAMP

LOCATION SEC. 36, TR. 7, 1830' FNL & 330' FWL SIGNED J. BOUBEL

G.L. 3805'
D.F. 3816'
K.B. —
ZERO —

PROPOSED COMPLETION



P+A 9-25-82

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of 1

weeks.

Beginning with the issue dated

October 1 2000

and ending with the issue dated

October 1 2000

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 2nd day of

October 2000

Jodi Henson

Notary Public.

My Commission expires
October 18, 2000
(Seal)

LEGAL NOTICE
October 1, 2000

This well will inject water into the Wolfcamp at a depth of approximately 9170' in the Denton North Wolfcamp Unit as an expansion of an existing waterflood. The expected maximum injection rate is 1500 barrels per day and the maximum expected injection pressure is 3000 psig.

Following is the pertinent information for this proposed injection well:

Well No.	633
Location:	G 35 14S 37E 1458' FNL & 1347' FEL
Injection Interval	9170' to 9300'

In the event that any interested party wishes to file any objections or wishes to request a hearing, these objections of request must be filed within 15 days to the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87504.

Peyton S. Carnes, Jr.
Stephens & Johnson Operating Co.
P.O. Box 2249
Wichita Falls, Texas 76307
940-723-2166
#17651

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

01105667000 01543925

Stephens & Johnson Operationg
P.O.Box 2249
811 Sixth St. Suite 300
WICHITA FALLS, TX 76307-2249

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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Postage	$ 1.43
Certified Fee	1.40
Return Receipt Fee (Endorsement Required)	1.25
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	**$ 4.08**

WICHITA FALLS TX 76307
OCT 20 2000
Postmark Here
USPS

Recipient's Name (Please Print Clearly) (To be completed by mailer)
Dickie Wheeler
Street, Apt. No.; or PO Box No.
Rt 1 Box 383
City, State, ZIP+ 4
Lovington, NM 88260

PS Form 3800, February 2000 — See Reverse for Instructions

Proof of certified mailed copies to surface owner on October 20, 2000.

Stephens & Johnson Operating Co.
Denton North Wolfcamp Unit
Conversion of Well No. 633 to water injection
Lea County, New Mexico

U.S. Postal Service
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Recipient's Name (Please Print Clearly) (To be completed by mailer)
Crestridge Drlg. & Production
Street, Apt. No.; or PO Box No.
P O Box 1114
City, State, ZIP+ 4
Midland, TX 79702

PS Form 3800, February 2000 See Reverse for Instructions

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$4.08

WICHITA FALLS TX 76307 OCT 20 2000 USPS

Recipient's Name (Please Print Clearly) (To be completed by mailer)
Devon Energy Corp
Street, Apt. No.; or PO Box No.
20 N. Broadway Ave., Ste 1500
City, State, ZIP+ 4
Oklahoma City, OK 73102

PS Form 3800, February 2000 See Reverse for Instructions

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Certified Fee	1.40
Return Receipt Fee (Endorsement Required)	1.25
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$4.08

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Recipient's Name (Please Print Clearly) (To be completed by mailer)
Polaris Production Corp.
Street, Apt. No.; or PO Box No.
P O Box 1749
City, State, ZIP+ 4
Midland, TX 79702-1749

PS Form 3800, February 2000 See Reverse for Instructions

U.S. Postal Service
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(Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0024 2740 7538

Postage	$ 1.43
Certified Fee	1.40
Return Receipt Fee (Endorsement Required)	1.25
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$4.08

WICHITA FALLS TX 76307 OCT 20 2000 Postmark Here USPS

Recipient's Name (Please Print Clearly) (To be completed by mailer)
Sampson Resources Co.
Street, Apt. No.; or PO Box No.
2 W Second Street
City, State, ZIP+ 4
Tulsa, OK 74103

PS Form 3800, February 2000 See Reverse for Instructions

Proof of certified mailed copies to offset operators on October 20, 2000.

Stephens & Johnson Operating Co.
Denton North Wolfcamp Unit
Conversion of Well No. 633 to water injection
Lea County, New Mexico

WFX-766

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

10-30-00

GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:
MC
DHC
NSL
NSP
SWD
WFX X
PMX

Gentlemen:

I have examined the application for the:

Stephens & Johnson Oper Co Denton North Wolfcamp Ut #633-D 35-14s-37e 30-025-33040
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK-

Yours very truly,

Chris Williams
Chris Williams
Supervisor, District 1

/ed