STATE OF NEW MEXICO
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Oil Conservation Div.
2040 Pacheco St.
Santa Fe, NM 87505

Case 11768

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: X Secondary Recovery ____ Pressure Maintenance ____ Disposal ____ Storage
Application qualifies for administrative approval? __Yes ___No

II. OPERATOR: The Wiser Oil Company

ADDRESS: P. O. Box 2568, Hobbs, NM 88241

CONTACT PARTY: Mike Jones PHONE: (505) 392-9797

III. WELL DATA: Complete the data required on the reverse side of this form for each well processed 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-3214 Skelly Unit

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/1 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 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: Michael R. Burch, CPL TITLE: Agent

SIGNATURE: Michael R. Burch agt DATE: December 4, 1996

* 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 circumstance of the earlier submittal. _____

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

III. WELL DATA

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

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

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

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

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

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

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

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

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

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

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

(5) Give the depth to and 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, PO Box 2088, Santa Fe, NM 87504-2088 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.

WFX · 707

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: The Wiser Oil Company Well: Skelly Unit -

Contact: Bonnie Jones Title: Consult. Phone: 624-9677

DATE IN 12-7-96 RELEASE DATE _____ DATE OUT _____

Proposed Injection Application is for: X **WATERFLOOD** X Expansion ___ Initial

Original Order: R- 3214 X Secondary Recovery ___ Pressure Maintenance

SENSITIVE AREAS ___ **SALT WATER DISPOSAL** ___ Commercial Well

___ WIPP ___ Capitan Reef ___ Other _____

Data is complete for proposed well(s)? ___ Additional Data Req'd _____

* Wells to demonstrate that TOC in Pockett A #19 is adequate prior to injecting into Sds III, ~~II~~, 36, 37

AREA of REVIEW WELLS

27 Total # of AOR 25 # of Plugged Wells

YES Tabulation Complete YES Schematics of P & A's

YES Cement Tops Adequate ___ AOR Repair Required

INJECTION FORMATION

Injection Formation(s) Grayburg/San Andres

Source of Water or Injectate Area-1 Compatible Analysis YES

PROOF of NOTICE

YES Copy of Legal Notice YES Information Printed Correctly

YES Correct Operators YES Copies of Certified Mail Receipts

YES ~~NO~~ Objection Received ___ Set to Hearing _____ Date

NOTES: Objection withdrawn just before hearing - signed down Administrative Actions

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? YES

COMMUNICATION WITH CONTACT PERSON:

1st Contact:	X Telephoned	___ Letter	3-12-97 Date	Nature of Discussion Verbal approval
2nd Contact:	___ Telephoned	___ Letter	_____ Date	Nature of Discussion _____
3rd Contact:	___ Telephoned	___ Letter	_____ Date	Nature of Discussion _____

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
Township 17 South, Range 31 East																
H.E. West "B" #71	Devon Energy Operating Corporation	1335' FSL, 15' FEL, Unit I	9	17S	31E	1-20-96	O	3960'	12 ¼" 7 7/8"	8 5/8" 5 ½"	552' 3959'	200 325	3796-3857' 3612-3701' 3241-3499'	2 7/8" @ 3878'		BLM LC-029426-B
H. E. West "B" #72	Devon Energy Operating Corporation	660' FSL, 735' FEL, Unit P	9	17S	31E	3-16-95	O	4160'	12 ¼" 7 7/8"	8 5/8" 5 ½"	520' 4159'	425 2000	3911-4008' 3545-3623'	2 7/8" @ 4069'		BLM LC-029426-B
H.E. West "B" #2	Hondo Oil and Gas Company	330' FSL, 990' FEL, Unit P	9	17S	31E	1-23-38	~~O~~ P&A	3757'	12" 8"	9 5/8" 7"	700' 3250'	50 100	3587-3727'		P&A 9-27-89 (See Attached)	BLM LC-029426-B
H.E. West "B" 34	Devon Energy Operating Corporation	1980' FSL, 660' FEL, Unit I	10	17S	31E	10-27-88	O	3885'	12 ¼" 7 7/8"	8 5/8" 5 ½"	629' 3885'	450 1650	3616-3802' 3341-3583'	2 3/8" @ 3761'		BLM LC-029426-B
H.E. West "B" 69	Devon Energy Operating Corporation	1470' FSL, 2550' FEL, Unit J	10	17S	31E	1-27-96	O	4040'	12 ¼" 7 7/8"	8 5/8" 5 ½"	622' 4039'	380 1275	3673-3704' 3291-3558'	2 7/8" @ 3773'		BLM LC-029426-B
H.E. West "B" 68	Devon Energy Operating Corporation	1335' FSL, 1335' FEL, Unit J	10	17S	31E	1-29-96	O	4055'	12 ¼" 7 7/8"	8 5/8" 5 ½"	619' 4054'	400 1200	3701-3707' 3297-3707'	2 7/8" @ 3754'		BLM LC-029426-B
H.E. West "B" #14	Devon Energy Operating Corporation	1980' FSL, 1980' FWL, Unit K	10	17S	31E	1-1-58	~~O~~ WIW	~~3632'~~ 3950'	10"	8 5/8" 7"	762' 3563'	100 100	3380-3396' 3343-3351' 3496-3537' 3773-3900'	2 3/8" @ 3368'	Converted to WIW 2-27-81	BLM LC-029426-B
H.E. West "B" 32	Devon Energy Operating Corporation	1980' FSL, 660' FWL, Unit L	10	17S	31E	9-27-88	~~O~~ WIW	3954'	12 ¼" 7 7/8"	8 5/8" 5 ½"	582' 3954'	450 1600	3529-3754' 3451-3484' 3391-3424' 3314-3319' 3238-3897'	2 3/8" @ 3755'	Converted to WIW 5-3-96	BLM LC-029426-B
H.E. West "B" 70	Devon Energy Operating Corporation	1410' FSL, 1305' FWL, Unit L	10	17S	31E	2-11-96	O	4010'	12 ¼" 7 7/8"	8 5/8" 5 ½"	572' 4009'	380 1150	3651-3786'	2 7/8" @ 3853'		BLM LC-029426-B
H.E. West "B" #21	Devon Energy Operating Corporation	660' FSL, 660' FWL, Unit M	10	17S	31E	5-14-59	~~O~~ WIW	~~3802'~~ 3917'	12 ¼" 7 7/8"	10 ¾" 5 ½"	734' 3802'	100 125	3362-3370' 3416-3775' 3802-3917' 3576-3773'	2" @ 3207'	Converted to WIW 10-4-89	BLM LC-029426-B
H. E. West B #41	Devon Energy Operating Corporation	660' FSL, 2020' FWL, Unit N	10	17S	31E	2-15-89	O	4008'	12 ¼" 7 7/8"	8 5/8" 5 ½"	602' 4008'	400 1250	3301-3543' 3593-3793' 3831-3847' 3875-3943'	2 3/8" @ 3894'		BLM LC-029426-B
H. E. West B #20	Devon Energy Operating Corporation	660' FSL, 1980' FEL, Unit O	10	17S	31E	3-20-59	~~O~~ WIW		12" 8"	10 ¾" 5 ½"	797' 3635'	100 100	3353-3634' 3677-3839' 3858-3937'	2 3/8" @ 3114'	Estimated TOC 3396' Converted to WIW 8-31-89	BLM LC-029426-B
H. E. West B #31	Devon Energy Operating Corporation	660' FSL, 660' FEL, Unit P	10	17S	31E	7-10-88	O	4218'	12 ¼" 7 7/8"	8 5/8" 5 ½"	630' 4218'	450 1300	4041-4087' 4134-4138' 3820-95' 3905-61' 3301-91'	2 3/8" @ 3677'		BLM LC-029426-B
Lea C #14	Apache Corp.	1980' FSL, 660' FEL, Unit I	11	17S	31E	9-2-72	O	4020'	11" 7 7/8"	8 5/8" 5 ½"	652' 4020'	350 1100	3429-3697' 3748-3987'	2 7/8" @ 3561'	Estimated TOC 950'	BLM LC-029418-B

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
Lea C #4	Apache Corp.	1980' FSL, 1980' FEL, Unit J	11	17S	31E	5-6-61	~~O~~ WIW	3798'		8 5/8" 5 ½"	894' 3700'	125 385	3443-99' 3503-92' 3604-82'	2" @ 3612'	Estimated TOC 1460' Converted to WIW 5-23-74 TA	BLM LC-029418-B
Lea "C" #8	Apache Corp.	1980' FSL, 1980' FWL, Unit K	11	17S	31E	5-23-72	O	3950'	11" 7 7/8"	8 5/8" 5 ½"	620' 3950'	350 1300	3419-3886'	2 3/8" @ 3903'		BLM LC-029418-B
Lea "C" #12	Apache Corp.	660' FSL, 660' FWL, Unit M	11	17S	31E	9-10-72	O	3910'	11" 7 7/8"	8 5/8" 5 ½"	615' 3908'	350 1200	3327-3892'	2 3/8" @ 3867'		BLM LC-029418-B
Lea C #9	Apache Corp.	660' FSL, 1980' FWL, Unit N	11	17S	31E	5-28-72	~~O~~ WIW	3950'	11" 7 7/8"	8 5/8" 5 ½"	621' 3950'	350 1300	3369-93' 3450-97' 3514-44' 3557' 3606-96' 3742-3778' 3820-78'	2 3/8" @ 3890'	Converted to WIW 5-10-74 TA	BLM LC-029418-B
Lea C #5	Apache Corp.	760' FSL, 1980' FEL, Unit O	11	17S	31E	7-21-61	O	3816'		8 5/8" 5 ½"	871' 3815'	100 365	3570-3648' 3666-3758'	2" @ 3507'	Estimated TOC 1950'	BLM LC-029418-B
Lea C #13	Apache Corp.	660' FSL, 660' FEL, Unit P	11	17S	31E	9-3-72	~~O~~ WIW	4000'	11" 7 7/8"	8 5/8" 5 ½"	635' 4000'	375 1100	3360-3666' 3757-3988'	2 3/8" @ 3848'	Converted to WIW 8-15-77 TA	BLM LC-029418-B
Puckett "A" #14	William A. & Edward R. Hudson	660' FSL, 660' FWL, Unit M	13	17S	31E		O								**Incomplete OCD File**	BLM LC-029415-A
Puckett "A" #17	William A. & Edward R. Hudson	660' FSL, 1980' FWL, Unit N	13	17S	31E	3-8-60	O	3973'		9 5/8" 5 ½"	545' 3971'	300 350	3547-3574' 3623-3721' 3925-3954'	2" @ 3548'		BLM LC-029415-A
SU #102	The Wiser Oil Co.	660' FNL, 1980' FEL, Unit B	14	17S	31E	6-7-59	~~O~~ WIW	3734'	10" 8"	8 5/8" 5 ½"	851' 3679'	125 370	3596-3649' 3326-3649'	2 3/8" @ 3689'	Converted to WIW 3-21-73	BLM LC-029418-B
SU #185	The Wiser Oil Co.	1287' FNL, 2590' FWL, Unit C	14	17S	31E	Pending	O	4150'	12 ¼" 7 7/8"	8 5/8" 5 ½"	446' 4150'	325 900	3414-3602' 3963-74'	2 7/8" @ 4019'		BLM LC-029418-B
SU #114	The Wiser Oil Co.	660' FNL, 660' FWL, Unit D	14	17S	31E	1-28-72	~~O~~ P&A	3828'	11" 7 7/8"	8 5/8" 5 ½"	630' 3827'	350 1100	3373-3772' 2289-2468'	2 3/8" @ 3766'	Converted San Andres to WIW 3-21-73 P&A 12-4-90 (See Attached)	BLM LC-029418-B
SU #193	The Wiser Oil Co.	2630' FNL, 1300' FWL, Unit E	14	17S	31E		O								Drilling is pending	BLM LC-029418-B
SU #105	The Wiser Oil Co.	1980' FNL, 1980' FWL, Unit F	14	17S	31E	8-23-61	~~O~~ WIW	3728'	10" 8"	8 5/8" 5 ½"	821' 3728'	100 385	3694-3704' 3548-3704'	2" @ 3668'	Converted to WIW 4-23-68	BLM LC-029418-B
SU #184	The Wiser Oil Co.	1393' FNL, 1437' FWL, Unit F	14	17S	31E		O								Drilling is pending	BLM LC-029418-B
SU #194	The Wiser Oil Co.	2625' FNL, 2557' FWL, Unit F	14	17S	31E		O								Drilling is pending	BLM LC-029418-B

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #186	The Wiser Oil Co.	1332' FNL, 1331' FEL, Unit G	14	17S	31E		O								Drilling is pending	BLM LC-029418-B
SU #195	The Wiser Oil Co.	2626' FNL, 1331' FEL, Unit G	14	17S	31E		O								Drilling is pending	BLM LC-029418-B
SU #22	The Wiser Oil Co.	1980' FSL, 1980' FEL, Unit J	14	17S	31E	Pre 1968	~~O~~ WIW	3875' PB 3705'		8 5/8" 7"			3311-3608' Open Hole	2 3/8" @ 3210'	TOC 1990 / Cmt Bond Log Converted to WIW 3-11-68 Incomplete OCD & Wiser Well Files	BLM LC-029418-A
SU #24	The Wiser Oil Co.	1980' FSL, 660' FWL, Unit L	14	17S	31E	9-29-61	~~O~~ WIW	3844'	10" 8"	8 5/8" 5 ½"	772' 3844'	100 385	3555-3596' 3680-3760' 3799-3821' 3619-3661' 3282-3477'	2" @ 3492'	Converted to WIW 7-5-67	BLM LC-029418-A
SU #202	The Wiser Oil Co.	1409' FSL, 1310' FWL, Unit L	14	17S	31E		O	4050'	12 ¼" 7 7/8"	8 5/8" 5 ½"	441' 4050'	325 1350			Drilling	BLM LC-029418-A
SU #120	The Wiser Oil Co.	760' FSL, 760' FWL, Unit M	14	17S	31E	11-29-77	O	2597'	11" 7 7/8"	8 5/8" 5 ½"	636' 2597'	250 820	2360-2426'	2 3/8" @ 2452'		BLM LC-029418-A
SU #201	The Wiser Oil Co.	1272' FSL, 45' FWL, Unit M	14	17S	31E	10-16-96	O	4050'	12 ¼" 7 7/8"	8 5/8" 5 ½"	439' 4050'	325 1150	3332-3500' 3570-78' 3798-3815'	2 7/8" @ 3868'		BLM LC-029418-A
SU #34	The Wiser Oil Co.	660' FSL, 1980' FWL, Unit N	14	17S	31E	6-16-61	~~O~~ WIW	3850'	10" 8"	8 5/8" 5 ½"	750' 3737'	100 380	3568-3716' 3286-3544'	2" @ 3172'	Converted to WIW 7-5-6 7	BLM LC-029418-A
SU #203	The Wiser Oil Co.	1300' FSL, 2539' FWL, Unit N	14	17S	31E		O								Drilling is pending	BLM LC-029418-A
SU #216	The Wiser Oil Co.	128' FSL, 2515' FWL, Unit N	14	17S	31E		O								Drilling is pending	BLM LC-029418-A
SU #35	The Wiser Oil Co.	660' FSL, 1980' FEL, Unit O	14	17S	31E	5-4-66	O	3941'	11" 7 7/8"	8 5/8" 5 ½"	592' 3937'	350 250	3342-3553'	2 3/8" @ 3584'	TOC 3071' by Tmp Svy	BLM LC-029418-A
SU #147	Texaco Producing Inc.	760' FSL, 1830' FEL, Unit O	14	17S	31E	9-1-78	~~O~~ P&A	2700'	11" 7 7/8"	8 5/8" 5 ½"	654' 2699'	275 575	2418-2546'	2 3/8" @ 2580'	P&A 5-12-87 (See Attached)	BLM LC-029418-A
SU #148	The Wiser Oil Co.	560' FSL, 560' FEL, Unit P	14	17S	31E	8-30-78	O	3730'	11" 7 7/8"	8 5/8" 5 ½"	692' 3729'	275 1300	3342-3628'	2 3/8" @ 3653'		BLM LC-029418-A
SU #204	The Wiser Oil Co.	1278' FSL, 1273' FEL, Unit P	14	17S	31E		O	4150'	12 ¼" 7 7/8"	8 5/8" 5 ½"	437' 4150'	325 1250			Drilling	BLM LC-029418-A
SU #183	The Wiser Oil Co.	1310' FNL, 153' FEL, Unit A	15	17S	31E		O								Drilling is pending	BLM LC-029420-A
SU #181	The Wiser Oil Co.	1303' FNL, 2606' FWL, Unit C	15	17S	31E		O	3950'	12 ¼" 7 7/8"	8 5/8" 5 ½"	450' 3950'	325 750		2 7/8" @ 3709'	Drilling	BLM LC-029420-A

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #19	The Wiser Oil Co.	1980' FNL, 1960' FWL, Unit F	15	17S	31E	9-28-60	O WIW	3670'	10" 8"	8 5/8" 5 ½"	780' 3520'	100 385	3285-3294' 3337-3342' 3223-3462'	2" @ 3276'	Converted to WIW 3-11-68	BLM LC-029420-A
SU #180	The Wiser Oil Co.	1401' FNL, 1338' FWL, Unit F	15	17S	31E		O								Drilling is pending	BLM LC-029420-A
SU #153	Texaco Producing Co.	2080' FNL, 1880' FEL, Unit G	15	17S	31E	8-5-78	O P&A	2586'	11" 7 7/8"	8 5/8" 5 ½"	631' 2629'	275 650	2331-2454'	2 3/8" @ 2465'	P&A 9-26-90 (See Attached)	BLM LC-029420-A
SU #21	The Wiser Oil Co.	1980' FNL, 660' FEL, Unit H	15	17S	31E	5-23-61	O WIW	3642'	10" 8"	8 5/8" 5 ½"	751' 3546'	100 385	3260-3522'	2" @ 3520'	Converted to WIW 3-11-68	BLM LC-029420-A
SU #154	The Wiser Oil Co.	2130' FNL, 660' FEL, Unit H	15	17S	31E	9-11-78	O P&A	2650'	11" 7 7/8"	8 5/8" 5 ½"	662' 2650'	325 500	2351-2474'	2 3/8" @ 2561'	P&A 9-20-91 (See Attached)	BLM LC-029420-A
SU #182	The Wiser Oil Co.	1423' FNL, 1260' FEL, Unit H	15	17S	31E		O								Drilling is pending	BLM LC-029420-A
SU #150	The Wiser Oil Co.	1880' FSL, 560' FEL, Unit I	15	17S	31E	7-31-78	O	2529'	11" 7 7/8"	8 5/8" 5 ½"	615' 2629'	275 500	2337-98' 2403-61'	2 3/8" @ 2518'		BLM LC-029420-A
SU #26	The Wiser Oil Co.	1880' FSL, 1980' FEL, Unit J	15	17S	31E	2-24-61	O WIW	3764'	10" 8"	8 5/8" 5 ½"	728' 3742'	125 350	3508-3514' 3554-3560' 3570-3580' 3234-3611'	2" @ 3507'	Converted to WIW 3-11-68	BLM LC-029420-A
SU #190	The Wiser Oil Co.	2622' FSL, 2465' FEL, Unit J	15	17S	31E		O								Drilling is pending	BLM LC-029420-A
SU #151	The Wiser Oil Co.	2130' FSL, 1980' FWL, Unit K	15	17S	31E	6-30-78	O P&A	2600'	11" 7 7/8"	8 5/8" 5 ½"	582' 2599'	275 650	2302-95' 2400-24'	2 3/8" @ 2440'	P&A 9-25-90 (See Attached)	BLM LC-029420-A
SU #152	The Wiser Oil Co.	1830' FSL, 660' FWL, Unit L	15	17S	31E	8-4-78	O P&A	2549'	11" 7 7/8"	8 5/8" 5 ½"	569' 2549'	275 555	2278-93' 2303-95' 2401'	2 3/8" @ 2452'	P&A 9-28-90 (See Attached)	BLM LC-029420-A
SU #189	The Wiser Oil Co.	2630' FSL, 1310' FWL, Unit L	15	17S	31E		O								Drilling is pending	BLM LC-029420-A
SU #198	The Wiser Oil Co.	1354' FSL, 1300' FWL, Unit L	15	17S	31E		O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	448' 4000'	325 1150			Drilling	BLM LC-029420-A
SU #126	The Wiser Oil Co.	560' FSL, 760' FWL, Unit M	15	17S	31E	11-9-77	O	2539'	11" 7 7/8"	8 5/8" 5 ½"	575' 2539'	125 200	2222-2366'	2 3/8" @ 2421'	Estimated TOC 1517'	BLM LC-029420-A
SU #211	The Wiser Oil Co.	259' FSL, 1181' FWL, Unit M	15	17S	31E		O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	436' 4000'	325 1250			Drilling	BLM LC-029420-A
SU #1	The Wiser Oil Co.	660' FSL, 1980' FWL, Unit N	15	17S	31E	6-11-54	O	12,098'	15" 12 ¼" 8 ¾"	13 3/8" 9 5/8" 5 ½"	210' 3616' 11,970'	240 2600 1755	11,511-519'		Estimated TOC 3772' SI	BLM LC-029420-A

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #30	The Wiser Oil Co.	650' FSL, 2087' FWL, Unit N	15	17S	31E	5-22-66	~~O~~ ~~WIW~~ P&A	3900'	11" 7 7/8"	8 5/8" 5 ½"	533' 3900'	350 250	3508-3782' 3162-3448'	2 3/8" @ 3816'	TOC 2695' Converted to WIW 3-11-68 P&A 7-16-96 (See Attached)	BLM LC-029420-A
SU #199	The Wiser Oil Co.	1310' FSL, 2546' FWL, Unit N	15	17S	31E		O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	438' 4000'	325 1150			Drilling	BLM LC-029420-A
SU #127	The Wiser Oil Co.	560' FSL, 1880' FEL, Unit O	15	17S	31E	10-31-77	O	2550'	11" 7 7/8"	8 5/8" 5 ½"	607' 2550'	125 450	2302-2425'	2 3/8" @ 2438'		BLM LC-029420-A
SU #32	The Wiser Oil Co.	660' FSL, 660' FEL, Unit P	15	17S	31E	10-27-61	~~O~~ WIW	3811'	10" 6"	8 5/8" 5 ½"	725' 3808'	100 385	3521-3528' 3531-3546' 3585-3587' 3613-3615' 3231-3771'	2" @ 3492'	Converted to WIW 3-13-68	BLM LC-029420-A
SU #200	The Wiser Oil Co.	1294' FSL, 1295' FEL, Unit P	15	17S	31E		O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	440' 4000'	325 1150			Drilling	BLM LC-029420-A
State "AE" #1	Xeric Oil & Gas Corp.	990' FNL, 990' FEL, Unit A	16	17S	31E	3-29-82	O	3600'	12 ¼" 7 7/8"	8 5/8" 5 ½"	682' 3600'	500 700	3409-3439' 3319-3382'	2 3/8" @ 3511'		State V-184
Shell #1	Kersey & Co.	330' FNL, 330' FEL, Unit A	16	17S	31E	9-25-60	~~O~~ P&A	3778'	10" 7"	8 5/8" 4 ½"	677' 3775'	50 325	3726-44'	2 3/8" @ 3721'	Estimated TOC 1941' P&A 5-25-69 (See Attached)	State B-8095
Kersey State #1	Ray Westall	660' FNL, 1980' FEL, Unit B	16	17S	31E	5-16-38	O	~~3678'~~ 3780'	10" 8 ¼"	8 ¼" 7"	635' 3138'	50 100	2234-97' 3453-3590' 3645-3749'	2 3/8" @ 3710'	TOC 2150' by Tmp Svy PB to 2435' 12-10-79 Deepened 5-4-89	State B-3105
State WK #1	Kersey & Co.	1990' FNL, 1990' FEL, Unit G	16	17S	31E	10-22-37	O		10" 8 ¼"	8 ¼" 7"	900' 3800'	200 400			Estimated TOC 395'	State B-3105
Foran St. #1	SDX Resources, Inc.	2310' FNL, 330' FEL, Unit H	16	17S	31E	8-22-89	O	3844'	12 ¼" 7 7/8"	8 5/8" 5"	611' 3796'	425 650	3451-54' 3484-94' 3160-3343'	2 7/8" @ 3500'	Estimated TOC 947'	State V-2207
State "B" #4	Trinity University & Closuit	1650' FSL, 660' FEL, Unit I	16	17S	31E	2-14-61	O	3782'	10" 8"	8 5/8" 5 ½"	612' 3184'	50 250	None	2 3/8" @ 3425'	Estimated TOC 1982'	State B-2613
State "B" #1	Trinity University & Closuit	1980' FSL, 1980' FEL, Unit J	16	17S	31E	5-26-37	O	3700'		8 5/8" 7"	633' 3158'	35 50				State B-2613
State A #1	Trinity University and Closuit	1980' FSL, 1980' FWL, Unit K	16	17S	31E	2-15-37	O	3644'		8 5/8" 7"	598' 3510'	25 30				State B-3014
State A #2	Trinity University and Closuit	1650' FSL, 990' FWL, Unit L	16	17S	31E	4-23-38	O	3585'	10" 8 ¼"	8 5/8" 7"	600' 3026'	50 100			Estimated TOC 2175'	State B-3014
State AZ #1	Apache Corp.	990' FSL, 990' FWL, Unit M	16	17S	31E	1-13-38	O		12" 10"	10" 7"	576' 3046'	60 100	2100'		TOC 1650' by Tmp Svy	State 741700
State AZ #2	Apache Corp.	330' FSL, 990' FWL, Unit M	16	17S	31E	8-21-49	O	2158'	11" 8"	8 5/8" 7"	578' 2040'	155		2" @ 2110'		State 741700

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
Macy #1	Kersey & Co.	990' FSL, 2310' FWL, Unit N	16	17S	31E	8-4-40	O	3571' PBTD 2330'	12 ½" 10" 8"	10 ¾" 8 5/8" 7"	633' 2944'	50 150	2138-42'	2" @ 3525'	Recompleted 12-10-81	State B-8571
Macy #2	Kersey & Co.	330' FSL, 1650' FWL, Unit N	16	17S	31E	4-28-49	O	2148'	10" 8 ¼"	8 5/8" 7"	575' 2050'	10 50			Estimated TOC 1624'	State B-8571
Willow State #1	Mack Energy Corp.	330' FSL, 2280' FEL, Unit O	16	17S	31E	6-15-96	O&G	8990'	17 ½" 12 ¼" 7 7/8"	13 3/8" 8 5/8" 5 ½"	345' 3000' 8973'	370 710 1385	5005-5099'	2 7/8" @ 5142'		State B-2613
State "B" #2	Trinity University & Closuit	990' FSL, 2310' FEL, Unit O	16	17S	31E	1-13-41	O	3645'	10" 8"	8" 7"	585' 2998'	50 100			Estimated TOC 1916'	State B-2613
State "B" #3	Trinity University & Closuit	660' FEL, 660' FSL, Unit P	16	17S	31E	5-31-44	O	3670'	10" 8"	8 ¼" 7"	600' 3165'	50 100		2" @ 3177'	Estimated TOC 2083'	State B-2613
Superior Foster #1	Trinity Univ. & Closuit	355' FEL, 1650' FSL, Unit I	17	17S	31E	5-14-38	O	3542'		8 ¼" 6 5/8"	633' 2996'	50 125			Appears to be SI	BLM LC-057523
Superior Foster #3	Trinity Univ. & Closuit	1650' FSL, 455' FEL, Unit I	17	17S	31E	8-9-50	O	2075'		8" 7"	520' 1997'	50 100				BLM LC-057523
Turner "B" #32	Devon Energy Operating Corporation	330' FSL, 1650' FEL, Unit O	17	17S	31E	10-29-51	O	2021'		9 5/8" 7"	562' 1976'	50 100	1976-2021'	2" @ 2000'	Estimated TOC 680'	BLM LC-029395-B
Turner "B" #1	Devon Energy Operating Corporation	990' FSL, 330' FEL, Unit P	17	17S	31E	11-21-38	O	3530'		8 5/8" 5 3/16"	595' 2895'	50 100				BLM LC-029395-B
Turner "B" #30	Devon Energy Operating Corporation	660' FSL, 660' FEL, Unit P	17	17S	31E	11-28-49	~~O~~ WIW	3507'		8 5/8" 7"	595' 3253'	50 100	3406-3498'	2 3/8" @ 3200'	TOC 1280' by Tmp Svy Converted to WIW 1-24-70	BLM LC-029395-B
Turner "B" #31	Devon Energy Operating Corporation	330' FSL, 330' FEL, Unit P	17	17S	31E	11-7-51	O	2067'		9 5/8" 7"	578' 2024'	50 100		2" @ 2065'		BLM LC-029395-B
Turner "B" #106	Socorro Petroleum Co.	15' FSL, 1305' FEL, Unit P	17	17S	31E	8-8-92	O	3863'	17 ½" 12 ¼" 7 7/8"	13 3/8" 8 5/8" 5 ½"	341' 1316' 3861'	400 400 900	2762-95' 2870-2926' 2981' 3032—53' 3145-68' 3706-18'	2 7/8" @ 3677'		BLM LC-029395-B
Turner "B" #9	Devon Energy Operating Corporation	660' FNL, 660' FEL, Unit A	20	17S	31E	10-14-42	O			8 ¼" 7"	557' 2832'	50 100	3402-3482'	2 3/8" @ 3413'		BLM LC-029395-B
Turner "B" #33	Devon Energy Operating Corporation	990' FNL, 330' FEL, Unit A	20	17S	31E	11-20-51	O		12" 8 ¾"	9 5/8" 7"	565' 1994'	50 100		2" @ 2037'	Estimated TOC 1405'	BLM LC-029395-B
Turner B #122	Devon Energy Operating Corporation	1190' FNL, 330' FEL, Unit A	20	17S	31E		O								Drilling is pending	BLM LC-029395-B
Turner "B" #8	Devon Energy Operating Corporation	660' FNL, 1980' FEL, Unit B	20	17S	31E	10-10-42	~~O~~ WIW	3450'		8 ¼" 7"	542' 2802'	50 100	3318-3448'	2 3/8" @ 3250'	TOC 1490' by Tmp Svy Converted to WIW 1-3-68	BLM LC-029395-B

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Turner "B" #36	Devon Energy Operating Corporation	990' FNL, 1650' FEL, Unit B	20	17S	31E	12-20-51	O	1994'	12" 8 ¾"	8 5/8" 7"	556' 1994'	5 100	1948-1952' 1984-1988'	2" @ 1992'	Estimated TOC 1405'	BLM LC-029395-B
Turner "B" #103	Devon Energy Operating Corporation	1300' FNL, 1370' FEL, Unit B	20	17S	31E	7-13-92	O	3865'	17 ¾" 12 ¼" 7 7/8"	13 3/8" 8 5/8" 5 ½"	341' 1305' 3860'	500 600 1050	2471-71' 2830-87' 2946-48' 3653-78'	2 7/8" @ 3663'		BLM LC-029395-B
Turner "B" #10	Atlantic Richfield Co.	1980' FNL, 1980' FEL, Unit G	20	17S	31E	12-14-42	⊖ P&A	3450'		8 ¼" 7"	528' 2812'	50 100			P&A 7-14-77 (See Attached)	BLM LC-029395-B
Turner "B" #39	Avon Energy Corp.	2310' FNL, 1650' FEL, Unit G	20	17S	31E	12-9-52	O	2010	12" 8 ¾"	8 5/8" 7"	535' 1955'	50 100			Estimated TOC 1366' TA	BLM LC-029395-B
Turner "B" #11	Avon Energy Corp.	1980' FNL, 660' FEL, Unit H	20	17S	31E	3-21-43	⊖ WIW	3506'		8 ¼" 7"	861' 2829'	50 100			Converted to WIW 1-4-68	BLM LC-029395-B
Turner "B" #34	Avon Energy Inc.	2310' FNL, 330' FEL, Unit H	20	17S	31E	12-24-51	O	2057'	12" 8 ¾"	8 5/8" 7"	556' 2057'	50 106		2" @ 2050'	Estimated TOC 1433' TA	BLM LC-029395-B
Turner "B" #97	Avon Energy Corp.	2590' FNL, 1200' FEL, Unit H	20	17S	31E	3-19-91	O	3800'	14 ¾" 11" 7 7/8"	11 ¾" 8 5/8" 5 ½"	369' 1369' 3789'	400 500 1050	3582-3549' 3281-3122' 3039-2856'	2 7/8" @ 3612'		BLM LC-029395-B
Turner "B" #19	ARCO O & Gas Co.	1980' FSL, 660' FEL, Unit I	20	17S	31E	8-26-45	⊖ P&A	2096'		8 5/8" 7"	600' 2022'	50 100		2 3/8" @ 1720'	Estimated TOC 726' P&A 11-13-86 (See Attached)	BLM LC-029395-B
Turner "B" #51	Avon Energy Corp.	2055' FSL, 660' FEL, Unit I	20	17S	31E	1-7-58	O	3338'		8 5/8" 5 ½"	636' 3210'	100 175	3070-3087' 2811-99' 2937-38'	2" @ 3027'		BLM LC-029395-B
Turner "B" #94	Avon Energy Corp.	1350' FSL, 1200' FEL, Unit I	20	17S	31E	3-7-91	O	3870'	14 ¾" 11" 7 7/8"	11 ¾" 8 5/8" 5 ½"	362' 1407' 3807'	465 600 1100	3614-3607' 3233-3116' 3003-2942' 3256' 3044-3041'	2 7/8" @ 3669'		BLM LC-029395-B
Turner "B" #121	Devon Energy Operating Corporation	2410' FSL, 1100' FEL, Unit I	20	17S	31E		O								Drilling is pending	BLM LC-029395-B
Turner "B" #18	Avon Energy Corp.	1980' FSL, 1980' FEL, Unit J	20	17S	31E	6-13-45	O	2067'		8 ¼" 7"	535' 1945'	50 100			TA	BLM LC-029395-B
Turner "B" #78	Avon Energy Corp.	2080' FSL, 1980' FEL, Unit J	20	17S	31E	7-28-61	⊖ WIW	3600'		8 5/8" 4 ½"	531' 3600'	200 250	3046-50' 3085-90' 3095-3100' 3421-68'	2 3/8" @ 2949'	Converted to WIW 1-8-68	BLM LC-029395-B
Turner "B" #45	Atlantic Richfield Co.	2080' FEL, 600' FSL, Unit O	20	17S	31E	4-16-56	⊖ P&A	3350'		8 5/8" 5 ½"	558' 3349'	50 200			P&A 4-10-75 (See Attached)	BLM LC-029395-B
Turner "B" #21	ARCO O & Gas Co.	660' FSL, 1980' FEL, Unit O	20	17S	31E	1-30-46	⊖ P&A	2139'		8" 7"	592' 2039'	50 100			Estimated TOC 743' P&A 8-16-86 (See Attached)	BLM LC-029395-B

SU C-108 HALF-MILE WELL DATA SHEET

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Turner "B" #72	Avon Energy Corp.	330' FSL, 1980' FEL, Unit O	20	17S	31E	10-13-60	O	7233'		8 5/8" 4 ½"	1600' 7233'	600 1300	7152-7156' 3162-3286'	2 3/8" @ 5000'		BLM LC-029395-B
Turner "B" #120	Devon Energy Operating Corporation	1000' FSL, 2300' FEL, Unit O	20	17S	31E		O								Drilling is pending	BLM LC-029395-B
Turner "B" #20	Socorro Petr. Co.	760' FSL, 330' FEL, Unit P	20	17S	31E	11-23-45	~~O~~ P&A	2184'		8 5/8" 7"	568' 2075'	50 100		2 7/8" @ 2000'	Estimated TOC 1400' P&A 6-21-86 (See Attached)	BLM LC-029395-B
Turner "B" #46	Avon Energy Corp.	660' FSL, 760' FEL, Unit P	20	17S	31E	6-26-56	~~O~~ WIW	3449'		8 5/8" 5 ½"	530' 3449'	50 225	3208-3226' 3306-3316'	2 3/8" @ 2966'	Converted to WIW 3-11-69	BLM LC-029395-B
Turner "B" #123	Devon Energy Operating Corporation	135' FSL, 1000' FEL, Unit P	20	17S	31E		O								Drilling is pending	BLM LC-029395-B
SU #129	The Wiser Oil Co.	660' FNL, 760' FEL, Unit A	21	17S	31E	10-6-77	O	2505'	11" 7 7/8"	8 5/8" 5 ½"	587' 2505'	250 650	2178-2317'			BLM LC-029420-B
SU #4	The Wiser Oil Co.	810' FNL, 1980' FEL, Unit B	21	17S	31E	10-23-50	O	2227'	10" 8"	8 5/8" 7"	611' 1970'	150 175	2136-2207'	2" @ 2210'		BLM LC-029420-B
SU #5	The Wiser Oil Co.	330' FNL, 1650' FWL, Unit C	21	17S	31E	9-16-49	O	2165'	11" 8"	8 5/8" 7"	614' 2065'	150 150	Open Hole 2065-2165'	2 3/8" @ 2107'	Estimated TOC 442'	BLM LC-029420-B
SU #6	The Wiser Oil Co.	330' FNL, 990' FWL, Unit D	21	17S	31E	11-21-49	O	2112'	11" 8"	8 5/8" 7"	601' 2029'	150 155			Estimated TOC 352'	BLM LC-029420-B
SU #7	The Wiser Oil Co.	1874' FNL, 766' FWL, Unit E	21	17S	31E	9-9-50	O	2130'		8 5/8" 7"	607' 1980'	150 150		2"		BLM LC-029420-B
SU #8	The Wiser Oil Co.	1650' FNL, 2310' FWL, Unit F	21	17S	31E	10-16-50	O	2175'		8 5/8" 7"	610' 1970'	150 150		2" @ 273'		BLM LC-029420-B
SU #64	The Wiser Oil Co.	1980' FNL, 1980' FWL, Unit F	21	17S	31E	10-22-43	~~O~~ WIW	3580'		8 5/8" 7"	619' 2907'	100 200	3521-3530' 3296-3268'	2 3/8" @ 2833'	Converted to WIW 8-1-68	BLM LC-029420-B
SU #220	The Wiser Oil Co.	1330' FNL, 1400' FWL, Unit F	21	17S	31E		O	3800'	12 ¼" 7 7/8"	8 5/8" 5 ½"	446' 3800'	325 1300			Drilling	BLM LC-029420-B
SU #233	The Wiser Oil Co.	2620' FNL, 1343' FWL, Unit F	21	17S	31E		O								Drilling is pending	BLM LC-029420-B
SU #9	The Wiser Oil Co.	1980' FNL, 1980' FEL, Unit G	21	17S	31E	5-5-44	O	3262'	17 ¼" 8 ¼"	8 5/8" 7" 5 ½"	624' 2055' 2973'	100 150 300		2 3/8" @ 2155'	Estimated TOC 778	BLM LC-029420-B
SU #221	The Wiser Oil Co.	1390' FNL, 2530' FEL, Unit G	21	17S	31E		O	3850'	12 ¼" 7 7/8"	8 5/8" 5 ½"	449' 3850'	325 1350			Drilling	BLM LC-029420-B
SU #10	The Wiser Oil Co.	1980' FNL, 660' FEL, Unit H	21	17S	31E	9-4-47	~~O~~ WIW	2247'	10 ¼" 8"	8 5/8" 7"	610' 2156'	75 135	2238-2190'	2 3/8" @ 2073'	Converted to WIW 5-28-74	BLM LC-029420-B

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SU #66	The Wiser Oil Co.	2080' FNL, 710' FEL, Unit H	21	17S	31E	2-10-62	~~O~~ WIW	3720'	9" 6 ¼"	7" 4 ½"	610' 3714'	350 150	3568-3695' 3056-3483'	2" @ 3553'	Converted to WIW 8-1-60	BLM LC-029420-B
SU #222	The Wiser Oil Co.	1380' FNL, 1300' FEL, Unit H	21	17S	31E		O	3900'	12 ¼" 7 7/8"	8 5/8" 5 ½"	441' 3900'	325 1150			Drilling	BLM LC-029420-B
SU #223	The Wiser Oil Co.	1340' FNL, 120' FEL, Unit H	21	17S	31E	8-7-96	O	3982'	12 ¼" 7 7/8"	8 5/8" 5 ½"	452' 3982'	325 1050	3199-3356' 3397-3400' 3651-3723'			BLM LC-029420-B
SU #149	The Wiser Oil Co.	2610' FSL, 150' FEL, Unit I	21	17S	31E	2-6-85	O	3900'	12 ¼" 7 7/8"	8 5/8" 5 ½"	509' 3900'	400 1300	3109-3519'	2 3/8" @ 3060'		BLM LC-029420-B
SU #12	The Wiser Oil Co.	1980' FSL, 1980' FEL, Unit J	21	17S	31E	12-4-46	~~O~~ WIW	2235'	12 ¼" 9 ¼"	10 ¾" 8 5/8"	645' 2130'	100 150	2185-2231'		Converted to WIW 7-3-74	BLM LC-029420-B
SU #67	The Wiser Oil Co.	1650' FSL, 1980'FEL, Unit J	21	17S	31E	1-1-58	~~O~~ WIW	~~3353'~~ 3557'	10" 8"	8 5/8" 7"	663' 3280'	150 325	~~3280-3353'~~ Open Hole 3077-3237' 3365-3557'	2 3/8" @ 3441'	Converted to WIW 8-2-68	BLM LC-029420-B
SU #235	The Wiser Oil Co.	2600' FSL, 1470' FEL, Unit J	21	17S	31E	3-20-96	O&G	3950'	12 ¼" 7 7/8"	8 5/8" 5 ½"	495' 3950'	300 1800	3151-3349'	2 7/8" @ 3419'		BLM LC-029420-B
SU #13	The Wiser Oil Co.	1980' FSL, 1980' FWL, Unit K	21	17S	31E	10-13-46	O	2200'	12 ¼" 9 ¼"	10 ¾" 8 5/8"	634' 2115'	100 115		2 3/8" @ 2173'		BLM LC-029420-B
SU #234	The Wiser Oil Co.	2602' FSL, 2562' FWL, Unit K	21	17S	31E	6-14-96	O	3950'	12 ¼" 7 7/8"	8 5/8" 5 ½"	492' 3955'	400 1650	3106-3311' 3678-3705' 3755-66'	2 7/8" @ 3695'		BLM LC-029420-B
SU #14	The Wiser Oil Co.	1980' FSL, 660' FWL, Unit L	21	17S	31E	2-15-45	O	2139'	11 ¼" 9 ¼"	10 ¾" 8 5/8"	600' 2090'	100 150	2118-2135'			BLM LC-029420-B
SU #69	The Wiser Oil Co.	1980' FSL, 760' FWL, Unit L	21	17S	31E	10-15-57	~~O~~ WIW	3612'	10" 8"	8 5/8" 7"	640' 3130'	160 275	3130-3230' Open Hole 3263-3540' 2938-3238'	2 3/8" @ 2893'	Converted to WIW 4-13-71	BLM LC-029420-B
SU #15	The Wiser Oil Co.	760' FSL, 660' FWL, Unit M	21	17S	31E	7-8-46	O	2210'	12 ¼" 9 ¼"	10 ¾" 8 5/8"	639' 2142'	100 100	2165-2205'			BLM LC-029420-B
SU #246	The Wiser Oil Co.	1306' FSL, 1216' FWL, Unit M	21	17S	31E		O	3950'	12 ¼" 7 7/8"	8 5/8" 5 ½"	451' 3950'	325 1450			Drilling	BLM LC-029420-B
SU #16	The Wiser Oil Co.	660' FSL, 1980' FWL, Unit N	21	17S	31E	6-5-47	~~O~~ WIW	2242'	12 ¼" 9 ¼"	10 ¾" 8 5/8"	651' 2181'	100 175	2197-2245'	2 3/8" @ 2146'	Converted to WIW 7-3-74	BLM LC-029420-B
SU #75	The Wiser Oil Co.	660' FSL, 1650' FWL, Unit N	21	17S	31E	6-30-57	~~O~~ WIW	3350'	10" 8"	8 5/8" 7"	663' 3286'	150 275	3446-3560' 3085-3199'		Converted to WIW 8-2-68	BLM LC-029420-B
SU #247	The Wiser Oil Co.	1110' FSL, 2515' FWL, Unit N	21	17S	31E		O	3950'	12 ¼" 7 7/8"	8 5/8" 5 ½"	485' 3950'	325 1750			Drilling	BLM LC-029420-B

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #260	The Wiser Oil Co.	105' FSL, 2540' FWL, Unit N	21	17S	31E		O	3950'	12 ¼" 7 7/8"	8 5/8" 5 ½"	494' 3950'	325 1150	3338-3508'		Drilling	BLM LC-029420-B
SU #77	The Wiser Oil Co.	330' FSL, 660' FEL, Unit P	21	17S	31E	1-11-58	~~O~~ WIW	~~3446'~~ 3660	10" 8"	8 5/8" 7"	725' 3388'	150 325	3388-3446' Open Hole 3464-3660' 3181-3366'	2 3/8" @ ~~3516'~~ 3133'	Converted to WIW 8-1-68	BLM LC-029420-B
SU #248	The Wiser Oil Co.	1240' FSL, 1190' FEL, Unit P	21	17S	31E	5-23-96	O	3950'	12 ¼" 7 7/8"	8 5/8" 5 ½"	495' 3950'	400 1400	3301-3444' 3701-5'	2 7/8" @ 3411'		BLM LC-029420-B
SU #262	The Wiser Oil Co.	105' FSL, 125' FEL, Unit P	21	17S	31E	7-2-96	O	3950'	12 ¼" 7 7/8"	8 5/8" 5 ½"	491' 3950'	325 1600	3401-3613'	2 7/8" @ 3361'		BLM LC-029420-B
SU #128	The Wiser Oil Co.	450' FNL, 450' FEL, Unit A	22	17S	31E	12-24-77	O	2550'	11" 7 7/8"	8 5/8" 5 ½"	616' 2550'	275 560	2318-2436'	2 3/8" @ 2480'		BLM LC-029419-A
SU #226	The Wiser Oil Co.	1217' FNL, 1117' FEL, Unit A	22	17S	31E		O								Drilling is pending	BLM LC-029419-A
SU #227	The Wiser Oil Co.	1237' FNL, 41' FEL, Unit A	22	17S	31E	7-2-96	O	3950'	12 ¼" 7 7/8"	8 5/8" 5 ½"	453' 3950'	325 1150	3337-3514'			BLM LC-029419-A
SU #42	The Wiser Oil Co.	660' FNL, 1980' FEL, Unit B	22	17S	31E	11-13-61	~~O~~ WIW	3794	11" 7 7/8"	8 5/8" 4 ½"	616' 3794'	300 400	3481-3487' 3496-3508' 3514-3526' 3602-3606' 3188-3416'	2" @ 3451'	Converted to WIW 4-20-65	BLM LC-029419-A
SU #212	The Wiser Oil Co.	66' FNL, 2546' FEL, Unit B	22	17S	31E		O	4060'	12 ¼" 7 7/8"	8 5/8" 5 ½"	449' 4060'	325 1150			Drilling	BLM LC-029419-A
SU #2	The Wiser Oil Co.	660' FNL, 1980' FWL, Unit C	22	17S	31E	8-26-44	O	3768' PBTD 2305'		8 5/8" 7"	619' 2102'	100 200	2102-2305'	2 3/8" @ 1874'		BLM LC-029419-A
SU #3	The Wiser Oil Co.	660' FNL, 660' FWL, Unit D	22	17S	31E	1-12-54	~~O~~ WIW	13196	18" 12 ¼" 7 7/8"	13 3/8" 9 5/8" 7"	**211'** 3800' 13112	230 2847 1415	11962-982' 2246-2282' 3578-3746'	2" @ 3721'	**Converted to WIW 3-21-73**	BLM LC-029419-A
SU #125	The Wiser Oil Co.	1980' FNL, 560' FWL, Unit E	22	17S	31E	10-1-77	O	2500'	11" 7 7/8"	8 5/8" 5 ½"	640' 2500'	250 545	2380-2452' 2202-2326'	2 3/8" @ 2323'		BLM LC-029419-A
SU #224	The Wiser Oil Co.	1348' FNL, 1197' FWL, Unit E	22	17S	31E		O								Drilling is pending	BLM LC-029419-A
SU #44	The Wiser Oil Co.	1980' FNL, 1980' FWL, Unit F	22	17S	31E	3-13-59	~~O~~ WIW	~~3571'~~ 3808'	10" 7 7/8"	8 5/8" 5 ½"	680' 3472'	150 360	3472-3571' Open Hole 3376-3458' 3141-3343'	2 3/8" @ 3462'	Converted to WIW 4-20-65	BLM LC-029419-A
SU #115	The Wiser Oil Co.	2630' FNL, 1330' FWL, Unit F	22	17S	31E	3-12-74	O	3981'	12 ¼" 7 7/8"	8 5/8" 5 ½"	666' 3981'	375 150	3350-3380' 3706-3768' 3832'	2 3/8" @ 3198'	TOC 200' by Tmp Svy	BLM LC-029419-A

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #124	The Wiser Oil Co.	1880' FNL, 1880' FEL, Unit G	22	17S	31E	10-25-77	O	2550'	11" 7 7/8"	8 5/8" 5 ½"	615' 2550'	125 470	2150-2229'	2 3/8" @ 2242'	Estimated TOC 149'	BLM LC-029419-A
SU #225	The Wiser Oil Co.	1357' FNL, 2580' FEL, Unit G	22	17S	31E	8-8-96	O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	452' 4000'	325 1150	3290-3410'			BLM LC-029419-A
SU #46	The Wiser Oil Co.	1980' FNL, 560' FEL, Unit H	22	17S	31E	11-22-61	~~O~~ WIW	3820'	11" 7 7/8"	8 5/8" 4 ½"	650' 3820'	280 400	3509-3616' 3782-3808' 3202-3485'	2" @ 3471'	Converted to WIW 4-20-65	BLM LC-029419-A
SU #157	The Wiser Oil Co.	2600' FNL, 1310' FEL, Unit H	22	17S	31E	1-25-85	O	3705'	17 ½" 12 ¼" 7 7/8"	13 3/8" 8 5/8" 5 ½"	577' 1860' 3705'	700 900 875	3097-3452'	2 3/8" @ 3610'		BLM LC-029419-A
SU #118	The Wiser Oil Co.	1880' FSL, 660' FEL, Unit I	22	17S	31E	11-23-77	O	2580'	11" 7 7/8"	8 5/8" 5 ½"	630' 2580'	275 655	2309-2433'	2 3/8" @ 2476'		BLM LC-029419-A
SU #52	The Wiser Oil Co.	1980' FSL, 1980' FEL, Unit J	22	17S	31E	1946	~~O~~ WIW	3872'	10" 8" 6 ½"	8 5/8" 7" 4 ½"	655' 3130' 3030-3871'	100 150 250	3201-3842'	2 3/8" @ 3545'	TOC 1850' By Tmp Svy, Converted to WIW 4-20-65 Deepened 4-24-67	BLM LC-029419-A
SU #156	The Wiser Oil Co.	2560' FSL, 2630' FEL, Unit J	22	17S	31E	1-14-85	O	3685'	12 ¼" 7 7/8"	8 5/8" 5 ½"	511' 3685'	400 1650	3077-3544'	2 3/8" @ 3599'		BLM LC-029419-A
SU #53	The Wiser Oil Co.	1980' FSL, 1980' FWL, Unit K	22	17S	31E	11-6-58	~~O~~ WIW	~~3497'~~ 3808'	10" 8"	8 5/8" 7"	705' 3432'	125 320	3432-3497' Open Hole 3500-3808' 3168-3372'	2 3/8" @ 3731'	TOC 1000' By Tmp Svy, Converted to WIW 2-24-87	BLM LC-029419-A
SU #117	The Wiser Oil Co.	1980' FSL, 1880' FWL, Unit K	22	17S	31E	9-15-77	O	2630'	12 ¼" 7 7/8"	8 5/8" 5 ½"	623' 2630'	250 610	2470-2578' 2256-2380'	2 3/8" @ 2350'		BLM LC-029419-A
SU #54	The Wiser Oil Co.	1980' FSL, 660' FWL, Unit L	22	17S	31E	10-1-58	~~O~~ WIW	~~3451'~~ 3802'	10" 8"	8 5/8" 7"	675' 3399'	150 325	3399-3451' 3510-3788' 3127-3470'	2 3/8" @ 3490'	Converted to WIW 4-20-65	BLM LC-029419-A
SU #116	The Wiser Oil Co.	1330' FSL, 130' FWL, Unit L	22	17S	31E	4-27-74	O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	672' 4000'	425 1100	3383-3614'	2 3/8" @ 3582'		BLM LC-029419-A
SU #123	The Wiser Oil Co.	560' FSL, 660' FWL, Unit M	22	17S	31E	9-20-77	O	2580'	12 ¼" 7 7/8"	8 5/8" 5 ½"	636' 2580'	250 600	2285-2410'	2 3/8" @ 2424'		BLM LC-029419-A
SU #160	The Wiser Oil Co.	1270' FSL, 1310' FWL, Unit M	22	17S	31E	11-29-85	O	3900'	15" 11" 7 7/8"	11 ¾" 8 5/8" 5 ½"	487' 1920' 3900'	500 900 1100	3302-3355'	2 3/8" @ 3347'		BLM LC-029419-A
SU #56	The Wiser Oil Co.	660' FSL, 1980' FWL, Unit N	22	17S	31E	8-23-58	~~O~~ WIW	~~3580'~~ 3711'	10" 8"	8 5/8" 7"	729' 3523'	150 475	3523-3580' Open Hole 3607-3698' 3483-3569' 3237-3468'	2 3/8" @ 3585'	Converted to WIW 3-29-68	BLM LC-029419-A
SU #159	The Wiser Oil Co.	1310' FSL, 2630' FWL, Unit N	22	17S	31E	10-23-85	O	4050'	15" 11" 7 7/8"	11 ¾" 8 5/8" 5 ½"	500' 1888' 4050'	500 900 900	3375-3558'	2 3/8" @ 3225'		BLM LC-029419-A

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #122	The Wiser Oil Co.	660' FSL, 1880' FEL, Unit O	22	17S	31E	10-17-77	O	2607'	11" 7 7/8"	8 5/8" 5 ½"	632' 2607'	300 700	2337-2460'	2 3/8" @ 2460'		BLM LC-029419-A
SU #58	The Wiser Oil Co.	540' FSL, 660' FEL, Unit P	22	17S	31E	8-13-59	~~O~~ WIW	~~3700'~~ 3850'	10" 7 7/8"	8 5/8" 5 ½"	760' 3589'	95 355	3502-3518' 3530-3540' 3255-3561' 3700-3850'	2 3/8" @ 3727'	Converted to WIW 3-11-68	BLM LC-029419-A
SU #158	The Wiser Oil Co.	1310' FSL, 1310' FEL, Unit P	22	17S	31E	10-8-85	O	4050'	15" 11" 7 7/8"	11 ¾" 8 5/8" 5 ½"	490' 1875' 4050'	500 900 900	3372-3589' 3372-3774'	2 3/8 " @ 3743'		BLM LC-029419-A
SU #145	The Wiser Oil Co.	660' FNL, 810' FEL, Unit A	23	17S	31E	8-12-78	~~O~~ P&A	2650'	11" 7 7/8"	8 5/8" 5 ½"	650' 2650'	275 625	2407-2535'	2 3/8" @ 2556'	P&A 2-19-88 (See Attached)	BLM LC-029418-A
SU #230	The Wiser Oil Co.	1198' FNL, 1296' FEL, Unit A	23	17S	31E		O								Drilling is pending	BLM LC-029418-A
SU #38	The Wiser Oil Co.	560' FNL, 1980' FEL, Unit B	23	17S	31E	4-15-66	~~O~~ WIW	3935'	11" 7 7/8"	8 5/8" 5 ½"	626' 3935'	350 250	3313-3618' 3842-3903'	2 3/8" @ 3559'	TOC @ 1850' by Tmp Svy Converted to WIW 3-11-68	BLM LC-029418-A
SU #229	The Wiser Oil Co.	1219' FNL, 2344' FEL, Unit B	23	17S	31E		O								Drilling is pending	BLM LC-029418-A
SU #146	The Wiser Oil Co.	810' FNL, 1980' FWL, Unit C	23	17S	31E	8-12-78	O	2650'	11" 7 7/8"	8 5/8" 5 ½"	615' 2650'	275 525	2358-80'	2 3/8" @ 2510'		BLM LC-029418-A
SU #40	The Wiser Oil Co.	660' FNL, 660' FWL, Unit D	23	17S	31E	Pre 1944	~~O~~ WIW	3828'		10 ¾" 8 5/8"			2324-2443' 3220-3820'	2 3/8" @ 2191' & 3140'	TOC @ 1700' by Tmp Svy Converted to WIW 3-11-68 4 ½" Liner 3171-3827' Dual WIW Fren 7 Rivers & Grayburg-San Andres	BLM LC-029418-A
SU #119	The Wiser Oil Co.	1980' FNL, 560' FWL, Unit E	23	17S	31E	12-31-77	O	2580'	11" 7 7/8"	8 5/8" 5 ½"	619' 2580'	275 625	2320-2443'	2 3/8" @ 2443'		BLM LC-029418-A
SU #228	The Wiser Oil Co.	1326' FNL, 1317' FWL, Unit E	23	17S	31E		O	4005'	12 ¼" 7 7/8"	8 5/8" 5 ½"	441' 4005'	325 1150			Drilling	BLM LC-029418-A
SU #48	The Wiser Oil Co.	1980' FNL,1980' FWL, Unit F	23	17S	31E	3-30-67	~~O~~ WIW	3856'	10" 8"	8 5/8" 7"	740' 3248'	125 150	3712-3846' 3221-3638'	2 3/8" @ 3692'	TOC @ 1836' by Tmp Svy Converted to WIW 3-11-68	BLM LC-029418-A
SU #241	The Wiser Oil Co.	2558' FNL, 1455' FWL, Unit F	23	17S	31E		O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	435' 4000'	325 1150			Drilling	BLM LC-029418-A
SU #143	The Wiser Oil Co.	2310' FNL, 1980' FEL, Unit G	23	17S	31E	7-4-78	O	2638'	11" 7 7/8"	8 5/8" 5 ½"	619' 2637'	275 750	2365-2483'	2 3/8" @ 2507'		BLM LC-029418-A
SU #243	The Wiser Oil Co.	2616' FNL, 1343' FEL, Unit G	23	17S	31E		O								Drilling is pending	BLM LC-029418-A
SU #144	Texaco Producing Co.	1830' FNL, 810' FEL, Unit H	23	17S	31E	9-7-78	~~O~~ P&A	2700'	11" 7 7/8"	8 5/8" 5 ½"	667' 2699'	325 660	2384-2518'	2 3/8" @ 2559'	P&A 2-19-88 (See Attached)	BLM LC-029418-A

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #141	The Wiser Oil Co.	2210' FSL, 660' FEL, Unit I	23	17S	31E	7-6-78	O	2700'	11" 7 7/8"	8 5/8" 5 ½"	668' 2700'	350 625	2392-2512'	2 3/8" @ 2546'	TA/CIPB @ 2350'/35' (4sx) cement on top	BLM LC-029418-B
SU #242	The Wiser Oil Co.	2630' FSL, 2581' FEL, Unit J	23	17S	31E		O								Drilling is pending	BLM LC-029418-B
SU #255	The Wiser Oil Co.	1333' FSL, 2596' FEL, Unit J	23	17S	31E		O								Drilling is pending	BLM LC-029418-B
SU #256	The Wiser Oil Co.	1403' FSL, 1387' FEL, Unit J	23	17S	31E		O	4050'	12 ¼" 7 7/8"	8 5/8" 5 ½"	442' 4050'	325 1250			Drilling	BLM LC-029418-B
SU #142	The Wiser Oil Co.	1980' FSL, 2310' FWL, Unit K	23	17S	31E	7-17-78	O	2650'	11" 7 7/8"	8 5/8" 5 ½"	650' 2649'	275 600	2354-2479'	2 3/8" @ 2508'		BLM LC-029418-B
SU #73	The Wiser Oil Co.	2130' FSL, 660' FWL, Unit L	23	17S	31E	12-8-61	~~O~~ WIW	3835'	11" 7 7/8"	8 5/8" 4 ½"	779' 3834'	350 400	3769-3814'	2" @ 3550'	Converted to WIW 3-11-68	BLM LC-029418-B
SU #240	The Wiser Oil Co.	2403' FSL, 78' FWL, Unit L	23	17S	31E		O	4050'	12 ¼" 7 7/8"	8 5/8" 5 ½"	443' 4050'	325 1150			Drilling	BLM LC-029418-B
SU #254	The Wiser Oil Co.	1360' FSL, 1229' FWL, Unit L	23	17S	31E		O	4050'	12 ¼" 7 7/8"	8 5/8" 5 ½"	441' 4050'	325 1250			Drilling	BLM LC-029418-B
SU #78	The Wiser Oil Co.	1278' FSL, 600' FWL, Unit M	23	17S	31E	11-15-41	O	3855'	9 5/8" 8 ¼"	8 5/8" 7"	620' 3190'	200 200		2 3/8" @ 3796'	TOC 1400' by Tmp Svy	BLM LC-029418-B
SU #253	The Wiser Oil Co.	1300' FSL, 27' FWL, Unit M	23	17S	31E		O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	442' 4000'	325 1150			Drilling	BLM LC-029418-B
SU #267	The Wiser Oil Co.	35' FSL, 1285' FWL, Unit M	23	17S	31E		O								Drilling is pending	BLM LC-029418-B
SU #79	The Wiser Oil Co.	660' FSL, 1980' FWL, Unit N	23	17S	31E	4-3-60	~~O~~ WIW	~~3798'~~ 3894'	10" 8"	8 5/8" 5 ½"	778' 3634'	100 375	3634-3798' Open Hole 3281-3610'	2" @ 3602'	Converted to WIW 8-17-70	BLM LC-029418-B
SU #139	The Wiser Oil Co.	510' FSL, 1980' FEL, Unit O	23	17S	31E	6-20-78	O	2679'	11" 7 7/8"	8 5/8" 5 ½"	699' 2679'	275 800	2378-2469'	2 3/8" @ 2489'		BLM LC-029418-B
SU #81	The Wiser Oil Co.	810' FSL, 660' FEL, Unit P	23	17S	31E	7-2-60	~~O~~ WIW	~~3840'~~ 3910'	10" 8"	8 5/8" 5 ½"	799' 3784'	100' 375'	3784-3940' Open Hole 3300-3618' 3625-3745'	2 3/8" @ 3804'	Converted to WIW 8-14-70	BLM LC-029418-B
SU #140	The Wiser Oil Co.	810' FSL, 810' FEL, Unit P	23	17S	31E	9-11-78	O	2700'	11" 7 7/8"	8 5/8" 5 ½"	690' 2700'	275 600	2414-2542'	2 3/8" @ 2584'		BLM LC-029418-B
Puckett "A" #3	William A. and Edward R. Hudson	660' FNL, 1980' FWL, Unit C	24	17S	31E	12-15-37	O	3900'		8 ¼" 7"	663' 3370'	50 150	3908-3920' 3932-84'			BLM LC-029415-A

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
Puckett "A" #28	William A. & Edward R. Hudson	25' FNL, 1345' FWL, Unit C	24	17S	31E	10-16-64	WIW	3946'	11" 8"	8 5/8" 5 ½"	595' 3943'	100 300	3678-3702' 3916-26'	2 3/8" @ 3618'		BLM LC-029415-A
Puckett "A" #13	Wm. A. & Ed. R. Hudson	660' FNL, 660' FWL, Unit D	24	17S	31E	Pre 1952	O	3980						3510'	Incomplete OCD File	BLM LC-029415-A
Puckett "A" #26	William A. and Edward R. Hudson	1295' FNL, 1295' FWL, Unit D	24	17S	31E	11-3-64	~~O~~ WIW	5250'	13 ¾" 9 7/8" 6 ¾"	10 ¾" 7 5/8" 5 ½"	~~273'~~ 4103'	270 400	3640-3658' 3915-3927'	2 3/8" @ 3580'	**Converted to WIW 12-2-64**	BLM LC-029415-A
Puckett "A" #10	Wm. A. & Ed. R. Hudson	1980' FNL, 660' FWL, Unit E	24	17S	31E	Pre 1941	O	3974'					3464-3974' open hole	3605'	Incomplete OCD File Deepened 1-3-73	BLM LC-029415-A
Puckett "24" Fed #1	Pennzoil United, Inc.	1800' FNL, 1980' FWL, Unit F	24	17S	31E	2-1-69	P&A (Dry)	10150'	17 ½" 11"	13 3/8" 8 5/8"	756' 4182'	650 500			TOC 2360' by Tmp Svy P&A 2-2-69 (See Attached)	BLM LC-029415-A
Puckett "A" #9	William A. and Edward R. Hudson	1980' FNL, 1980' FWL, Unit F	24	17S	31E	1941	O							3530'	Incomplete OCD File	BLM LC-029415-A
Puckett "A" #27	William A. and Edward R. Hudson	2615' FSL, 1345' FWL, Unit K	24	17S	31E	8-30-64	~~O~~ WIW	3903'	11" 8"	8 5/8" 5 ½"	604' 3902'	100 150	3640-3652' 3669-3686' 3876-3881'	2 3/8" @ 3580'	Converted to WIW 12-2-64	BLM LC-029415-A
Puckett "A" #12	William A. and Edward R. Hudson	1980' FSL, 1980' FWL, Unit K	24	17S	31E	Pre 1952	O	3907'		8 5/8" 7"	590' 3283'				Incomplete OCD File	BLM LC-029415-A
Puckett "A" #8	William A. & Edward R. Hudson	1980' FSL, 660' FWL, Unit L	24	17S	31E	2-27-41	O	3956'		10" 7"	605' 3300'	80 150		2 3/8" @ 3965'	TOC 1060' by Tmp Svy Deepened 5-1-73	BLM LC-029415-A
Puckett "B" #1	William A. & R. Hudson	660' FSL, 660' FWL, Unit M	24	17S	31E	4-22-41	O	3965'		10 ¾" 7"	695' 3302'	75 150	3425-3650' 3500-3700'	2 3/8" @ 3829'		BLM LC-029415-A
Puckett "B" #23	William A. & Edward R. Hudson	1295' FSL, 1295' FWL, Unit M	24	17S	31E	4-16-65	~~WIW~~ O	3943'		8 5/8" 5 ½"	587' 3938'	150 300	3519-33' 3658-72' 3833-58'	2" @ 3580'	Converted to Producer 11-22-76	BLM LC-029415-B
Lea D #2	Apache Corp.	710' FNL, 660' FEL, Unit A	26	17S	31E	8-22-60	O	3930'	10" 8"	8 5/8" 5 ½"	843' 3863'	100 385	3584-89' 3621-94' 3703-3762' 3801-3805'	2 ½" @ 3521'	Estimated TOC 2012' TA	BLM LC-029418-B
Lea D #1	Apache Corp.	660' FNL, 1980' FEL, Unit B	26	17S	31E	8-17-60	~~O~~ WIW	3873'	10" 8"	8 5/8" 5 ½"	822' 3830'	100 355		2" @ 3822'	Estimated TOC 2123' Converted. to WIW 10-2-70 TA	BLM LC-029418-B
SU #138	The Wiser Oil Co.	510' FNL, 1980' FWL, Unit C	26	17S	31E	7-1-78	O	2700'	11" 7 7/8"	8 5/8" 5 ½"	695' 2700'	275 650	2410-98' 2509-37'	2 3/8" @ 2541'		BLM LC-029418-B
SU #83	The Wiser Oil Co.	660' FNL, 660' FWL, Unit D	26	17S	31E	5-6-60	~~O~~ WIW	~~3779'~~ 3900'	10" 8"	8 5/8" 5 ½"	783' 3700'	100 375	3700-3779' Open Hole 3323-3678'	2 3/8" @ 3223' & 2320'	Converted to WIW 3-11-68 TA	BLM LC-029418-A

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #266	The Wiser Oil Co.	35' FNL, 33' FWL, Unit D	26	17S	31E	8-20-96	O	4100'	12 ¼" 7 7/8"	8 5/8" 5 ½"	456' 4100'	325 1050	3521-3625' 3685-3760' 3848-51' 3899-3915'	2 7/8" @ 3819'		BLM LC-029418-B
Lea D #8	Texas Exploration and Prod. Inc.	1980' FNL, 660' FWL, Unit E	26	17S	31E	8-16-72	~~O~~ P&A	4000'	11" 7 7/8"	8 5/8" 5 ½"	607' 4000'	350 1500	3794-3968'	2 7/8" @ 3763'	P&A 12-6-91 (See Attached)	BLM LC-029418-B
Lea D #7	Apache Corp.	1980' FNL, 1980' FWL, Unit F	26	17S	31E	6-4-72	O	4000'	11" 7 7/8"	8 5/8" 5 ½"	620' 4000'	350 1100	3372-3728' 3772-3960'	2 3/8" @ 3768'		BLM LC-029418-B
Lea D #4	Apache Corp.	1880' FNL, 1980' FEL, Unit G	26	17S	31E	9-23-60	O	3860'	10" 8"	8 5/8" 5 ½"	901' 3737'	100 350	3395-3715'	2" @ 3767'	Estimated TOC 2177'	BLM LC-029418-B
Lea D #9	Texas Exploration and Prod. Inc.	1980' FSL, 1980' FWL, Unit K	26	17S	31E	3-16-75	~~O~~ P&A	4100'	11" 7 7/8"	8 5/8" 5 ½"	616' 4100'	375 925	3903-3993' 4068' 4074' 2613-2987'	2 7/8" @ 3921'	P&A 12-4-90 (See Attached)	BLM LC-029418-B
SU #133	The Wiser Oil Co.	760' FNL, 660' FEL, Unit A	27	17S	31E	12-21-77	O	2700'	11" 7 7/8"	8 5/8" 5 ½"	690' 2700'	275 928	2422-2502'	2 3/8" @ 2538'		BLM LC-029419-B
SU #85	The Wiser Oil Co.	660' FNL, 1980' FEL, Unit B	27	17S	31E	4-23-59	~~O~~ WIW	~~3754'~~ 3803'	10" 7 7/8"	8 5/8" 5 ½"	754' 3705'	150 360	3705-3754' Open Hole 3339-3686'	2 3/8" @ 3216' & 2325'	TOC @ 1513' by Tmp Svy Converted to WIW 3-6-68	BLM LC-029419-B
SU #265	The Wiser Oil Co.	158' FNL, 1438' FEL, Unit B	27	17S	31E		O								Drilling is pending	BLM LC-029419-B
SU #278	The Wiser Oil Co.	1310' FNL, 1330' FEL, Unit B	27	17S	31E		O								Drilling is pending	BLM LC-029419-B
SU #132	The Wiser Oil Co.	760' FNL, 1900' FWL, Unit C	27	17S	31E	12-20-77	O	2600'	11" 7 7/8"	8 5/8" 5 ½"	647' 2600'	300 670	2372-2452'	2 3/8" @ 2477'		BLM LC-029419-B
SU #264	The Wiser Oil Co.	20' FNL, 2619' FWL, Unit C	27	17S	31E		O	3900'	12 ¼" 7 7/8"	8 5/8" 5 ½"	448' 3900'	325 1350			Drilling	BLM LC-029419-B
SU #87	The Wiser Oil Co.	330' FNL, 330' FWL, Unit D	27	17S	31E	11-30-57	O & WIW	3689'	10" 8"	8 5/8" 7"	728' 3461'	175 310	1764-2125' 2343-2431' 3241-3552' 3569-3659'	2 3/8" @ 2000/ 2 7/8" @ 3200	Producing in 7 Rivers Converted to WIW in Grayburg 12-16-71	BLM LC-029419-B
SU #263	The Wiser Oil Co.	15' FNL, 1262' FWL, Unit D	27	17S	31E		O								Drilling is pending	BLM LC-029419-B
SU #276	The Wiser Oil Co.	670' FNL, 1183' FWL, Unit D	27	17S	31E		O								Drilling is pending	BLM LC-029419-B

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #134	The Wiser Oil Co.	1860' FNL, 660' FWL, Unit E	27	17S	31E	12-13-77	O	2650'	11" 7 7/8"	8 5/8" 5 ½"	679' 2650'	300 900	2386-2487'	2 3/8" @ 2487'		BLM LC-029419-B
SU #96	The Wiser Oil Co.	1980' FNL, 1980' FWL, Unit F	27	17S	31E	8-24-60	~~O~~ WIW	7990'	11" 7 7/8"	8 5/8" 5 ½"	2075' 3770'	575 350	3770-3855' 3396-3662'	2" @ 3833'	Converted to WIW 3-6-68	BLM LC-029419-B
SU #135	The Wiser Oil Co.	2080' FNL, 2080' FEL, Unit G	27	17S	31E	12-19-77	O	2740'	11" 7 7/8"	8 5/8" 5 ½"	706' 2740'	350 700	2466-2590'	2 3/8" @ 2609'		BLM LC-029419-B
SU #277	The Wiser Oil Co.	1330' FNL, 2628' FEL, Unit G	27	17S	31E	10-1-96	O	4100'	12 ¼" 7 7/8"	8 5/8" 5 ½"	440' 4100'	325 1150	3542-3735'	2 7/8" @ 3858'		BLM LC-029419-B
Lynch B #1	Skelly Oil Co.	1980' FNL, 660' FEL, Unit H	27	17S	31E	1-5-43	O	4377'		8 5/8" 7"	758' 3330'	200 200				BLM LC-029419-B
SU #275	The Wiser Oil Co.	1270' FNL, 120' FEL, Unit A	28	17S	31E		O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	445' 4000'	325 1450			Drilling	BLM LC-029420-B
SU #130	The Wiser Oil Co.	760' FNL, 760' FEL, Unit A	28	17S	31E	9-22-77	O	2550'	12 ¼" 7 7/8"	8 5/8" 5 ½"	630' 2550'	250 620'	2300-2420'	2 3/8" @ 2450'		BLM LC-029420-B
SU #89	The Wiser Oil Co.	660' FNL, 1980' FEL, Unit B	28	17S	31E	5-21-58	~~O~~ WIW	~~3570'~~ 3670'	10" 8"	8 5/8" 7"	675' 3506'	150 325	3506-3570' Open Hole 3570-3670' 3216-3432'	2 3/8" @ 3496'	Converted to WIW 8-2-68	BLM LC-029420-B
SU #261	The Wiser Oil Co.	30' FNL, 1400' FEL, Unit B	28	17S	31E		O	3957'	12 ¼" 7 7/8"	8 5/8" 5 ½"	491' 3956'	325 1325	3384-3525' 3567-99'	2 7/8" @ 3463'	Drilling	BLM LC-029420-B
SU #137	The Wiser Oil Co.	810' FNL, 2080' FWL, Unit C	28	17S	31E	6-11-78	O	2550'	11" 7 7/8"	8 5/8" 5 ½"	575' 2550'	250 825	2240-2320'	2 3/8" @ 2362'		BLM LC-029420-B
SU #272	The Wiser Oil Co.	1213' FNL, 1428' FWL, Unit C	28	17S	31E		O	3987'	12 ¼" 7 7/8"	8 5/8" 5 ½"	439' 3987'	325 1150			Drilling	BLM LC-029420-B
SU #259	The Wiser Oil Co.	142' FNL, 1102' FWL, Unit D	28	17S	31E		O	4000'	12 ¼" 7 7/8"	8 5/8" 5 ½"	446' 4000'	325 1250			Drilling	BLM LC-029420-B
SU #136	The Wiser Oil Co.	1830' FNL, 660' FWL, Unit E	28	17S	31E	6-19-78	O	2550'	11" 7 7/8"	8 5/8" 5 ½"	625' 2549'	300 1110	2246-2339'	2 3/8" @ 2347'		BLM LC-029420-B
SU #283	The Wiser Oil Co.	2598' FNL, 1279' FWL, Unit E	28	17S	31E		O								Drilling is pending	BLM LC-029420-B
SU #131	The Wiser Oil Co.	1880' FNL, 1880' FEL, Unit G	28	17S	31E	10-1-77	O	2600'	11" 7 7/8"	8 5/8" 5 ½"	650' 2600'	300 610	2231-2410'	2 3/8" @ 2530'		BLM LC-029420-B
SU #273	The Wiser Oil Co.	1387' FNL, 2529' FEL, Unit G	28	17S	31E		O								Drilling is pending	BLM LC-029420-B

SU C-108 HALF-MILE WELL DATA SHEET

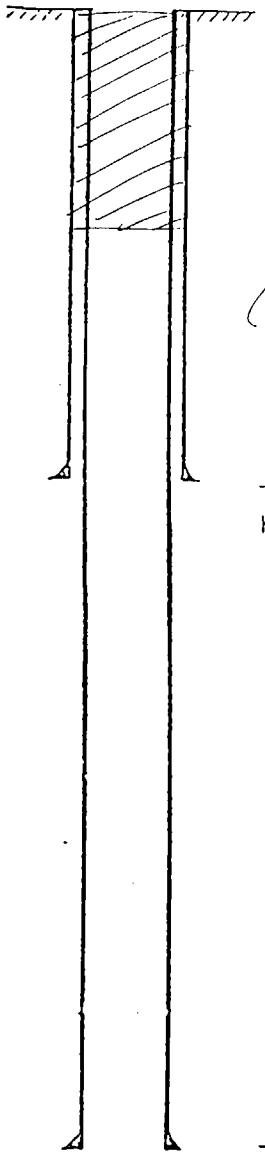
NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
SU #274	The Wiser Oil Co.	1443' FNL, 1462' FEL, Unit G	28	17S	31E		O								Drilling is pending	BLM LC-029420-B
SU #284	The Wiser Oil Co.	2600' FNL, 2564' FEL, Unit G	28	17S	31E	7-15-96	P&A	4150'	12 ¼" 7 7/8"	8 5/8"	447'	425	3554-4070'		P&A 7-15-96 (See Attached)	BLM LC-029420-B
SU #285	The Wiser Oil Co.	2606' FNL, 1173' FEL, Unit H	28	17S	31E		O								Drilling is pending	BLM LC-029420-B
SU #155	Texaco Prod. Inc.	2130' FSL, 1980' FWL, Unit K	28	17S	31E	6-15-78	~~O~~ P&A	2680'	11" 7 7/8"	8 5/8" 5 ½"	648' 2678'	275 1000	2354-2439'	2 3/8" @ 2482'	P&A 9-21-90 (See Attached)	BLM LC-029420-B
SU #161	The Wiser Oil Co.	1650' FSL, 2310' FWL, Unit K	28	17S	31E	4-25-95	O	12,080'	14 ¾" 11" 7 7/8"	11 ¾" 8 5/8" 5 ½"	653' 5040' 12,080'	795 1710 700	11796-804' 11298-302' 3677-3680'	None		BLM LC-029420-B
Dow "B" 28 Fed #1	Texaco Exploration and Production Inc.	1028' FSL, 1227' FEL, Unit P	28	17S	31E	5-1-96	G	12,725'	14" 11" 7 7/8"	11 ¾" 8 5/8" 5 ½"	614' 5040' 12275	450 3000 2300	12,118-80'	2 7/8" @ 12024		BLM LC-029420-B
Turner B #22	Socorro Pet. Co.	660' FNL, 660' FEL, Unit A	29	17S	31E	4-17-46	~~O~~ P&A	2242'		7" 5 ½"	582' 2165'	50 100		2 3/8"	Estimated TOC 700' P&A 12-4-86 (See Attached)	BLM LC-029395-B
Turner B #59	Avon Energy Corp.	560' FNL, 660' FEL, Unit A	29	17S	31E	2-22-59	O	3486'		10 ¾" 5 ½"	593' 3486'	100 210	3290-3300' 3310-3314'	2 3/8" @ 3256'		BLM LC-029395-B
Turner B #74	ARCO O & Gas Co.	330' FNL, 990' FEL, Unit A	29	17S	31E	11-21-60	~~O~~ P&A	7250'	11" 7 7/8"	8 5/8" 4 ½"	1600' 7207'	776 1300	7182-7192' 7076-84' 7098-7102' 7104-7117'	2 3/8" @ 7170'	TOC 1520' by Tmp Svy P&A 12-14-86 (See Attached)	BLM LC-029395-B
Turner B #91	Avon Energy Corp.	140' FNL, 1270' FEL, Unit A	29	17s	31E	1-25-91	O	3620'	12 ¼" 7 7/8"	8 5/8" 5 ½"	598' 3617'	465 1400	3382-3327' 3296-3205' 3125-3123'	2 7/8" @ 3417'		BLM LC-029395-B
Turner B #69	Marbob Energy Corp.	380' FNL, 2310' FEL, Unit B	29	17S	31E	9-12-60	~~O~~ P&A	7230'		13 3/8" 8 5/8" 4 ½"	312' 1600' 7230'	100 1100 1100	6954-78' 7018-57' 7108-7132'	2 3/8" @ 7080'	P&A 8-1-94 (See Attached)	BLM LC-029395-B
Turner B #24	Atlantic Richfield Co.	660' FNL, 1979.4 FEL, Unit B	29	17S	31E	6-9-47	~~O~~ P&A	2219'		8 5/8" 7"	532' 2112'	50 100		2" @ 2130'	P&A 3-24-76 (See Attached)	BLM LC-029395-B
Turner B #47	Avon Energy Corp.	560' FNL, 1980' FEL, Unit B	29	17S	31E	6-6-57	~~O~~ WIW	3450'		10 ¾" 7"	558' 3450'	100 100	3396-3412' 3243-3270' 3290-3366' 3224-3392' 3045-3158'	2" @ 3341'	Converted to WIW 3-11-69.	BLM LC-029395-B
Turner B #85	Avon Energy Corp.	1305' FNL, 1335' FEL, Unit B	29	17S	31E	10-31-90	O	3600'	12 ¼" 7 7/8"	8 5/8" 5 ½"	630' 3597'	465 1000	3180-3187' 3240-3268' 3370-3416' Add 3057-3154'	2 7/8" @ 3451'		BLM LC-029395-B
Turner B #49	Avon Energy Corp.	1980' FNL, 1980' FEL, Unit G	29	17S	31E	10-30-57	O	3600'		10 ¾" 7"	581' 3502'	100 100	3418-3430' 3446-3456'	2" @ 3371'		BLM LC-029395-B

SU C-108 HALF-MILE WELL DATA SHEET

NAME	OPERATOR	LOCATION	SEC	TSHP	RG	COMPL DATE	TP	TD	HOLE SIZE	CSG SIZE	DEPTH SET	SX CMT	PERFS	TBG/ PKR	COMMENTS	LEASE
Turner B #55	Avon Energy Corp.	1980' FNL, 660' FEL, Unit H	29	17S	31E	10-2-58	~~O~~ WIW	3640'		10 ¾" 5 ½"	631' 3640'	100 100	3600-3608' 3616-3624'	2 3/8" @ 3566'	Converted to WIW 3-11-69	BLM LC-029395-B
Turner B #62	Avon Energy Corp.	1980' FSL, 660' FEL, Unit I	29	17S	31E	7-29-59	O	3690'		8 5/8" 5 ½"	648' 3690'	100 100	3500-3530' 3649-3652' 3656-3674'	2" @ 3486'		BLM LC-029395-B
Turner B #61	Avon Energy Corp.	1980' FSL, 1980' FEL, Unit J	29	17S	31E	6-3-59	~~O~~ WIW	3661'		10 ¾" 5 ½"	633' 3661'	100 100	3616-3646' 3506-3516' 3532-40' 3254-3586'	2" @ 3577'	Estimated TOC 2310' Converted to WIW 3-11-69	BLM LC-029395-B
Turner B #82	Avon Energy Corp.	2550' FSL, 1335' FEL, Unit J	29	17S	31E	11-26-90	O	3724'	12 ¼" 7 7/8"	8 5/8" 5 ½"	602' 3724'	824 1040	3171-3616'	2 7/8" @ 3545'		BLM LC-029395-B
Turner B #88	Avon Energy Corp.	1335' FSL, 1335' FEL, Unit J	29	17s	31E	1-1-91	O	3747'	12 ¼" 7 7/8"	8 5/8" 5 ½"	605' 3745'	550 550	3315-3688'	2 7/8" @ 3601'	Estimated TOC 936'	BLM LC-029395-B
Tracy 29 Fed #1	Coastal Management Corporation	950' FSL, 1980' FEL, Unit O	29	17S	31E	2-8-95	Dry	11857	17 ½" 11" 7 7/8"	13 3/8" 8 5/8" 5 ½"	640' 4524' 11821	620 1975 1500	8496-8584' 8411-8445' 8327-8396' 11628-42'		Dry Hole Temporarily SI for evaluation	BLM LC-029395-B
Turner B #63	Avon Energy Corp.	660' FSL, 1980' FEL, Unit O	29	17S	31E	9-7-59	O	3670'		8 5/8" 5"	700' 3670'	100 100	3510-3530' 3604-3620' 3633-3641'	2" @ 3447'		BLM LC-029395-B
Turner B #68	Avon Energy Corp.	660' FSL, 660' FEL, Unit P	29	17S	31E	8-23-60	~~O~~ WIW	3718'		8 5/8" 4 ½"	730' 3718'	100 130	3454-3512' 3630-3604' 3550-3520' 3430-3491' 3375-3332'	2 3/8" @ 3409'	Converted to WIW 3-11-69	BLM LC-029395-B
Dow "B" 33 Fed. #2	Texaco Exploration & Production, Inc.	660' FNL, 2310' FWL, Unit C	33	17S	31E	12-24-93	O&G	12100'	14 ¾" 11" 7 7/8"	11 ¾" 8 5/8" 5 ½"	679' 5100' 12100'	420 1593 1520	11818-11832' 11735-11754'	2 7/8" @ 11770'	TOC 3100' by Tmp Svy	BLM LC-029420-B

LEASE H.E. West "B" | WELL No. 2

P+A 9-27-89

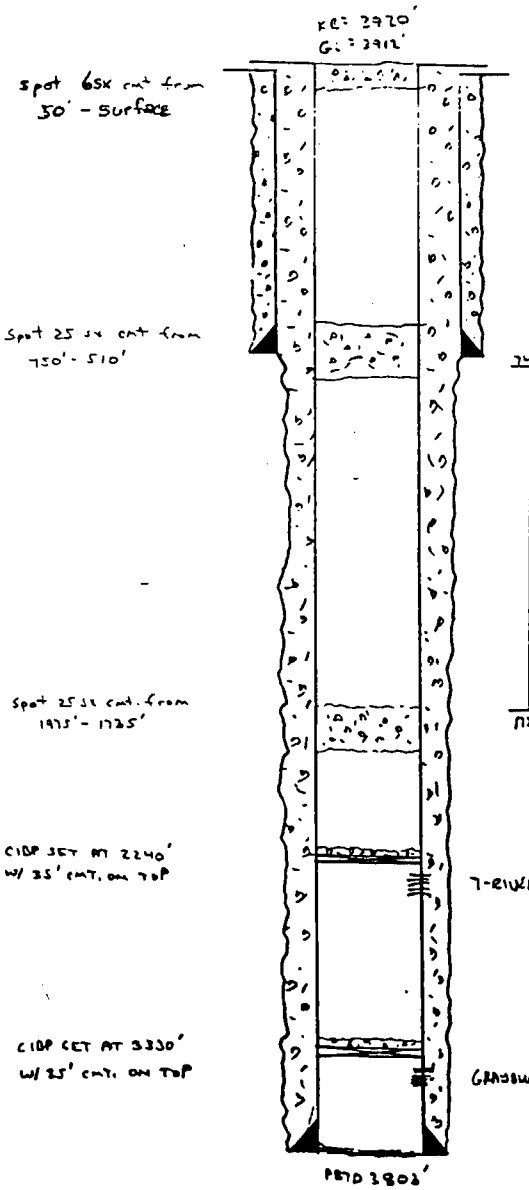


9" csg set from 81-175' with 50 sx
Drilled well out to 175'
Circulated to surface with 200 sx class "C" cement
(OCD well file is incomplete)

9 5/8 " casing set at 700 ' with 50 sx
Hole size 12 "

7 " casing set at 3250 ' with 100 sx
Total Depth 3757 ' Hole size 8 "

SU # 114



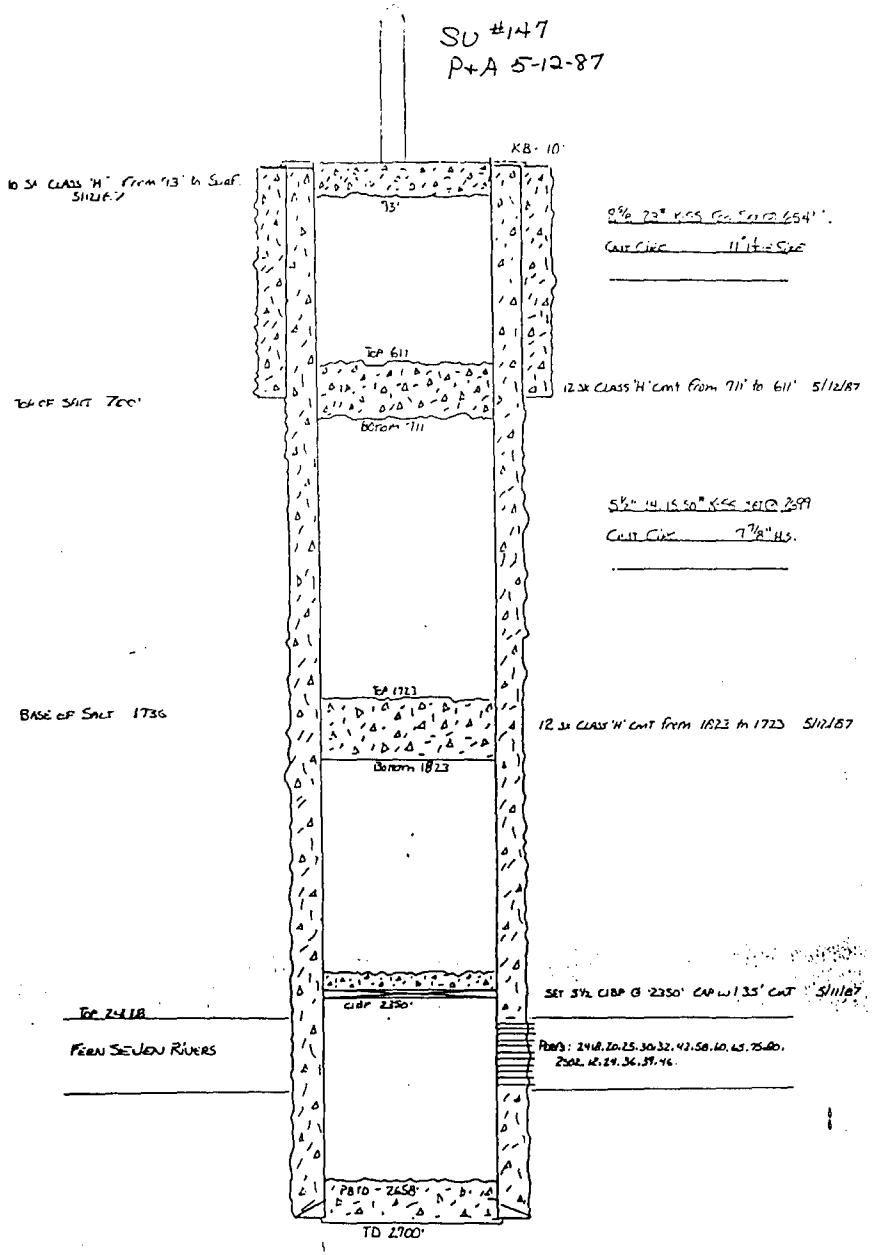
8 5/8" 32# SET AT 630' IN 11" Hole W/ 350 SX CMT. CIRC.

7-RIVERS PERFS 2289' - 2530' (28 Holes)

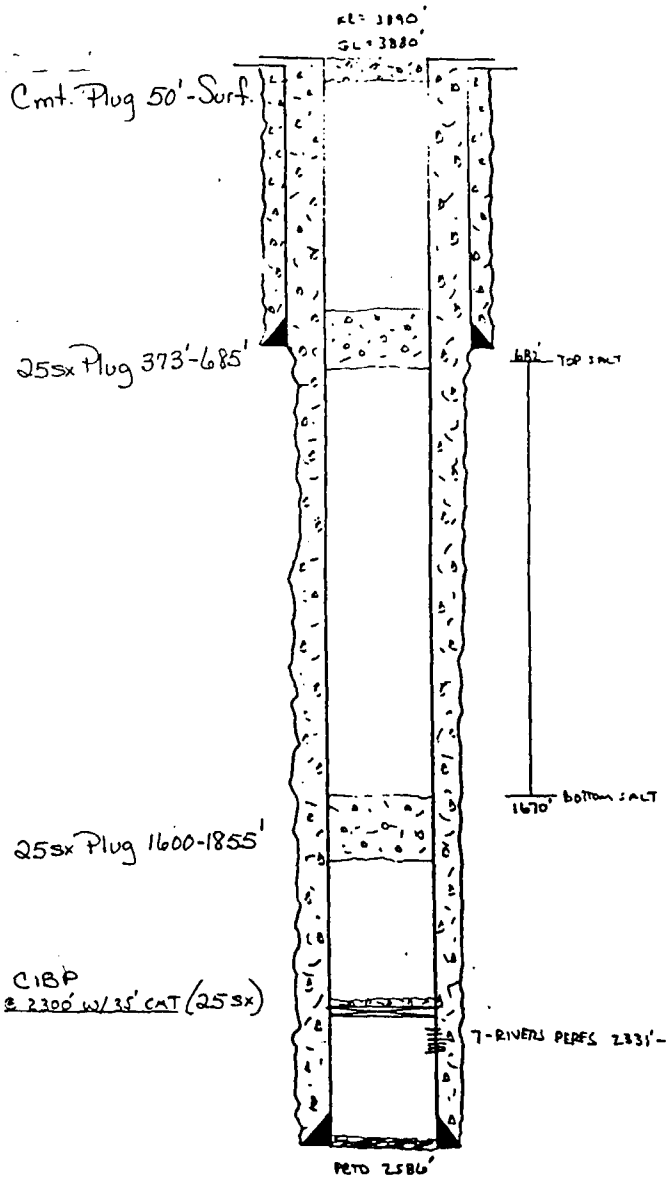
GRAYBURG PERFS 3373' - 3772' (19 Holes)

5 1/2" 14# SET AT 2827' IN 7 7/8" Hole W/ 1100 SX CMT. CIRC.

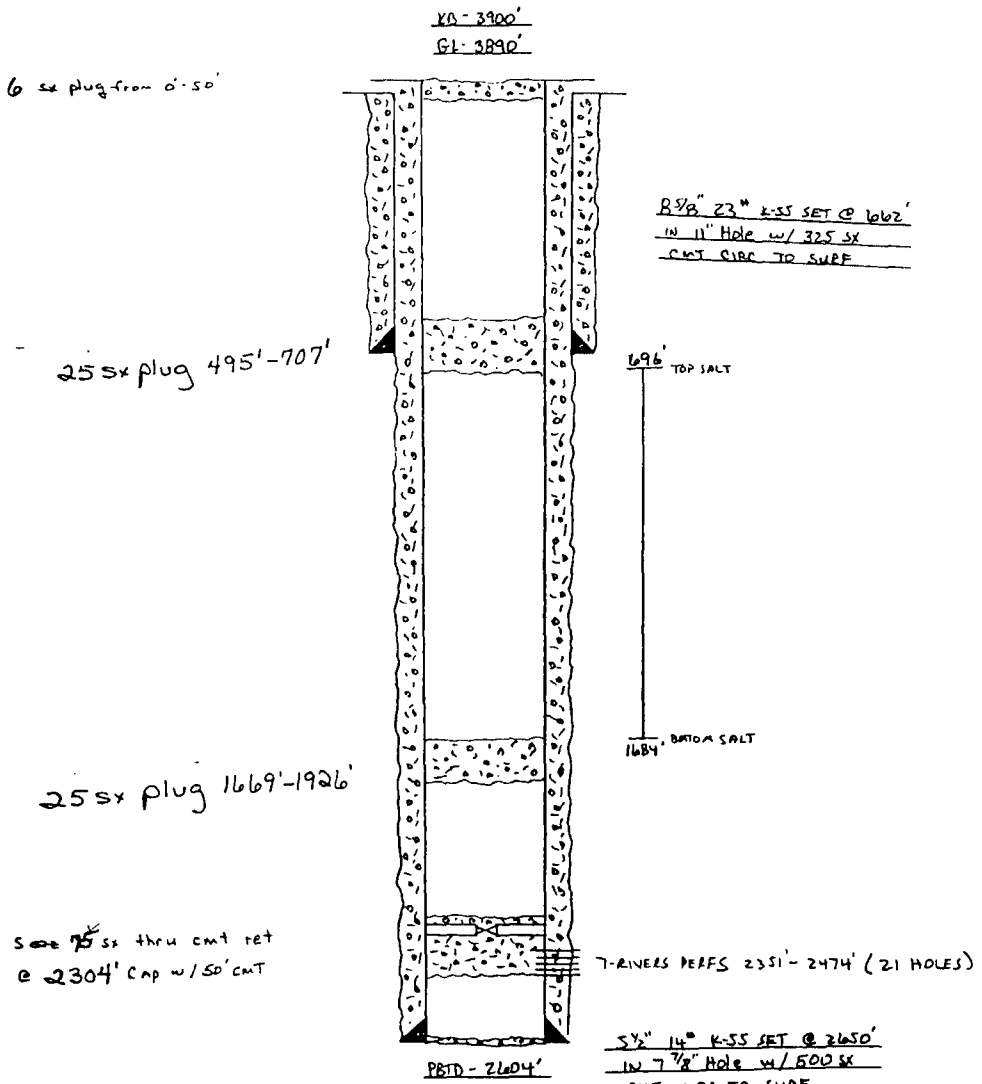
SU #147
P+A 5-12-87



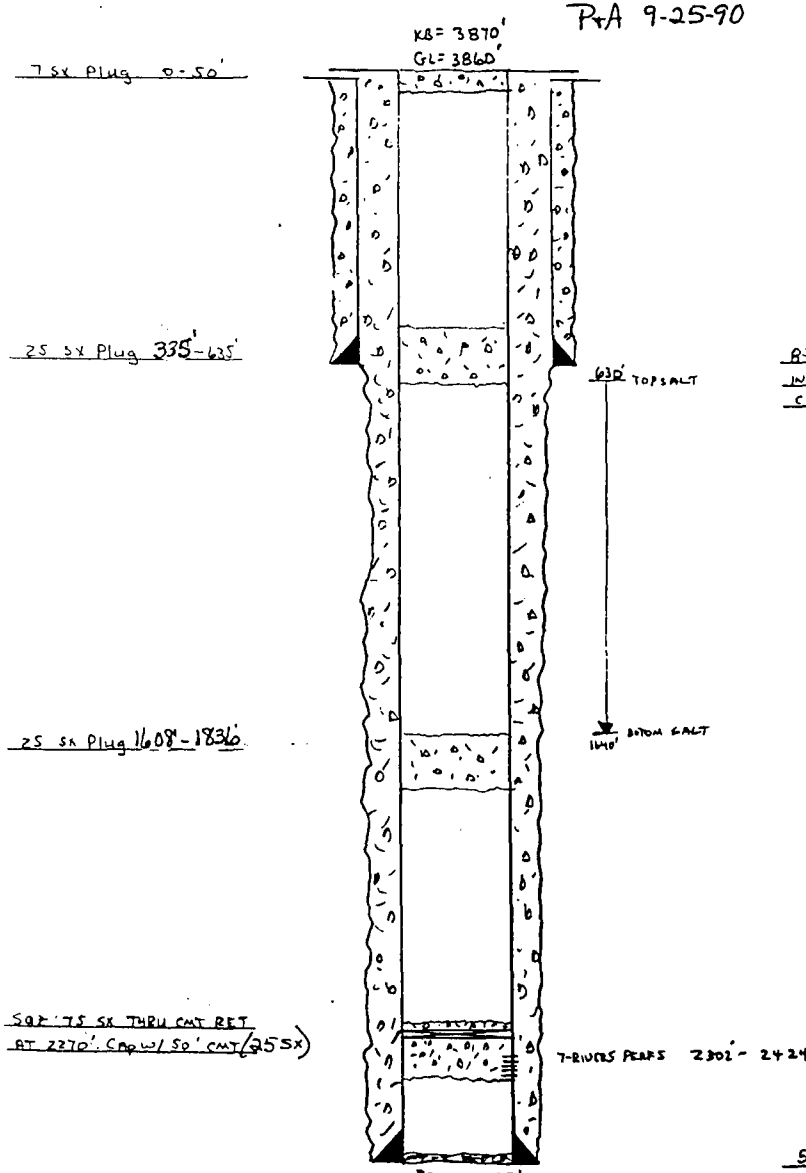
SU #153
P+A 9-26-90



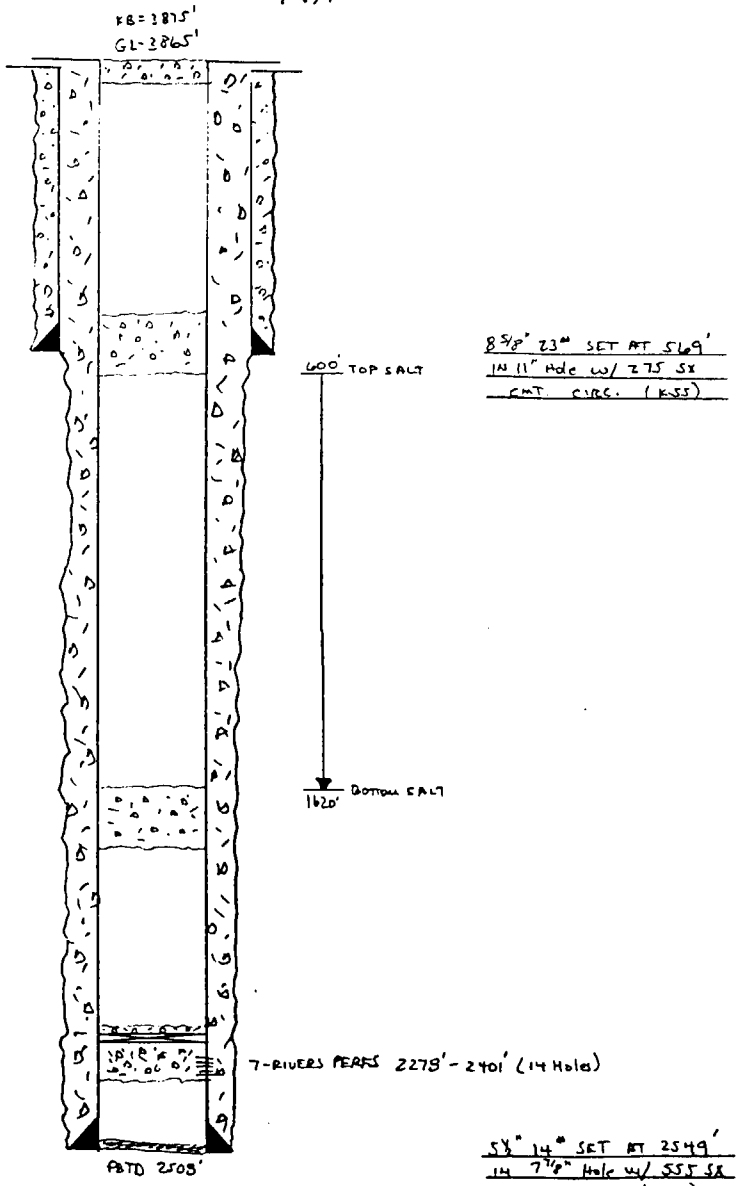
SU #154
P+A 9-20-91



SU #151
P+A 9-25-90

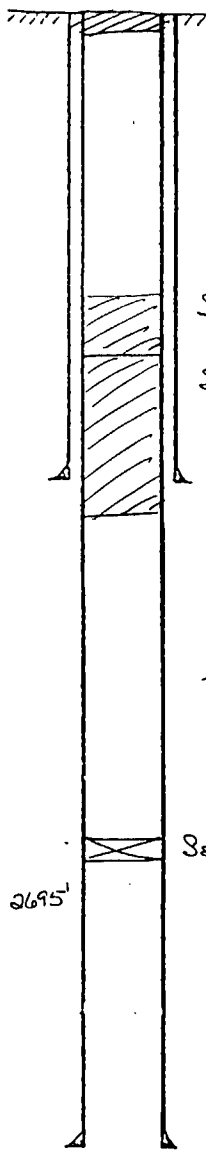


SU #152
P+A 9-28-90



SU | WELL No. 30

P+A 7-16-96



Spotted 10 sx plug from 60'-Surface

Spotted 20 sx plug - Tag @ 340'

Spotted 20 sx plug from 383'-589'

8 5/8 " casing set at 533 ' with 350 sx
Hole size 11 "

Displaced hole/11.3# mud.

Pumped 200 sx Class C/900# into formation

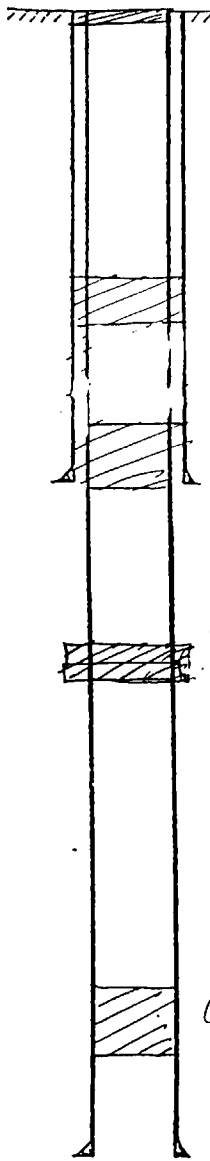
Set cement retainer @ 2100'

TOC 2695'

5 1/2 " casing set at 3900 ' with 250 sx
Total Depth 3900 ' Hole size 7 7/8 "

Shell | WELL No. #1

P&A 5-25-69



cement @ Surface

20 sk cement plug set @ base of 8 5/8" csg + @ 200' where 8 5/8 csg was recovered

8 5/8 " casing set at 677 ' with 50 sx

Hole size 10 "

20 sk cement plug set in + out of 4½" casing @ 1300'

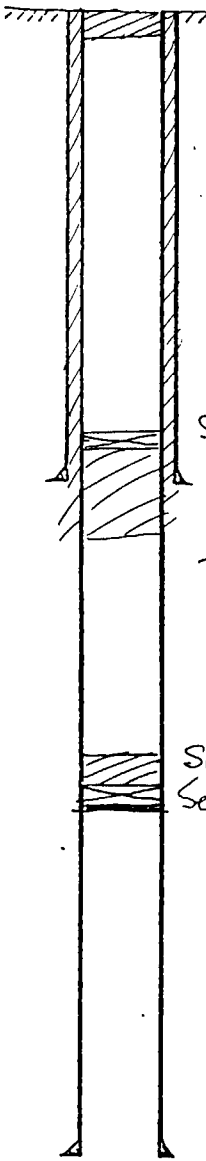
Covered Perforations from 3288-3428' / 20 sx

4½ " casing set at 3775 ' with 325 sx

Total Depth 3778 ' Hole size 7 "

Turner B | WELL No. 10

P&A 7-14-77



Spotted 10 sx cmt in top of 7" csg @ Surface

Set cement retainer @ 428'

8 ¼ " casing set at 528 ' with 50 sx

Hole size _____ "

Pumped 55 sx cmt thru retainer + circ. in 8 5/8" x 7" annulus to surface

Perf 7" csg @ 628'

Spotted 90' cmt on top retainer

Set RTNR @ 2460' Cemented thru retainer / 100 sx

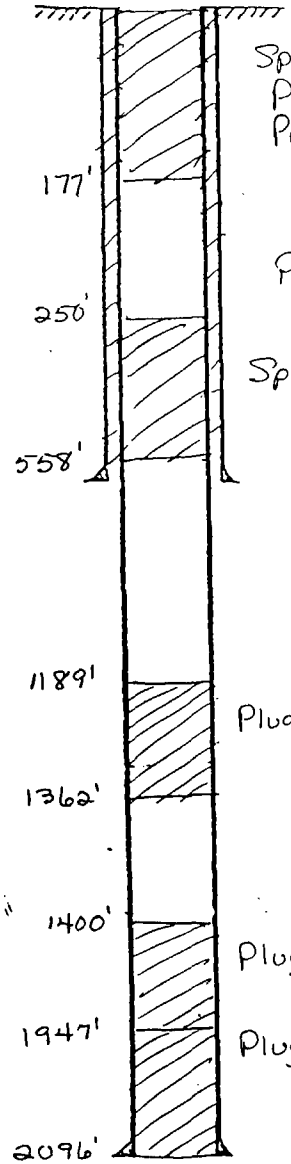
Pumped cmt below retainer / 2000#

7 " casing set at 2812 ' with 100 sx

Total Depth 3450 ' Hole size _____ "

Turner "B" | Well No. 19

P&A 11-19-86



Spot 47 sx cmt 0'-177'
Pumped 40 sx down 7" ann.
Pumped 25 sx thixotropic down 7" annulus
Circ. out 8 5/8 ann. Pumped 25 sx
thixotropic into 8 5/8" ann.
Pumped 30 sx down 7" ann.

Perf @ 200' - Cmt holes / 250 sx

Spot plug / 153 sx

Plug / 150 sx

Plug / 74 sx

Plug / 150 sx

8 5/8 " casing set at 600 ' with 50 sx

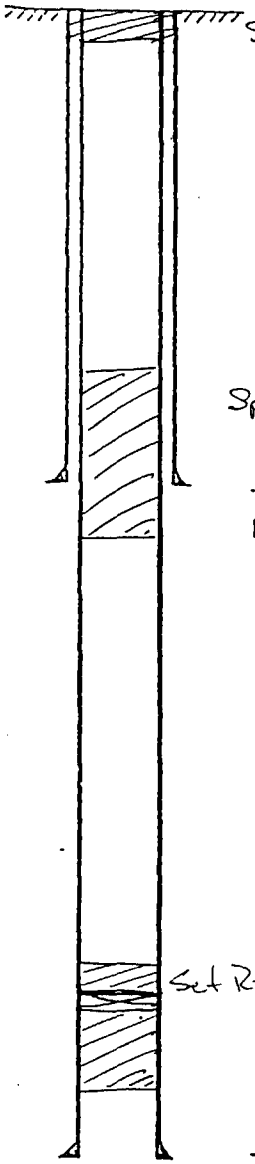
Hole size _____ "

7 " casing set at 2022 ' with 100 sx

Total Depth 2096 ' Hole size _____ "

Turner "B" | Well No. 45

P&A 4-10-75



Spotted 10 sx cmt plug 25' to Surface.

Spotted 80 sx 660'-320' across 5-1/2" csg stub
8 5/8 csg shoe & Top of Salt.

Cut 5 1/2 csg @ 610' & POH.

Cut 5 1/2" csg @ 770' - pulled 25' - unable to work free

Set Rtnr @ 3095' Pumped & displaced 70 sx below retainer & left 5 sx on top.

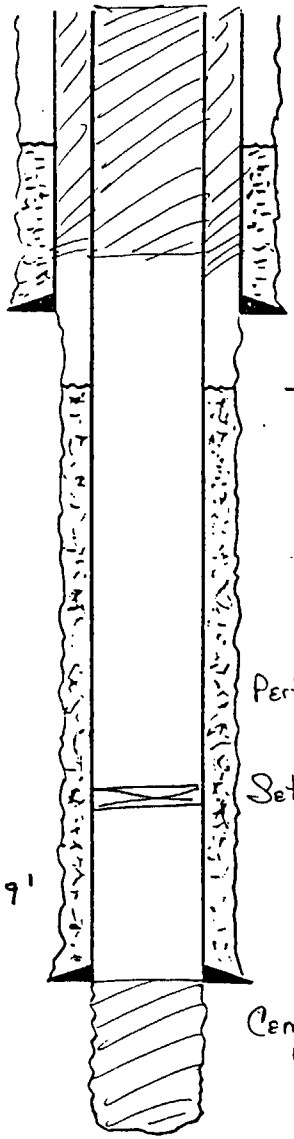
8 5/8 " casing set at 558 ' with 50 sx

Hole size _____ "

5 1/2 " casing set at 3349 ' with 200 sx

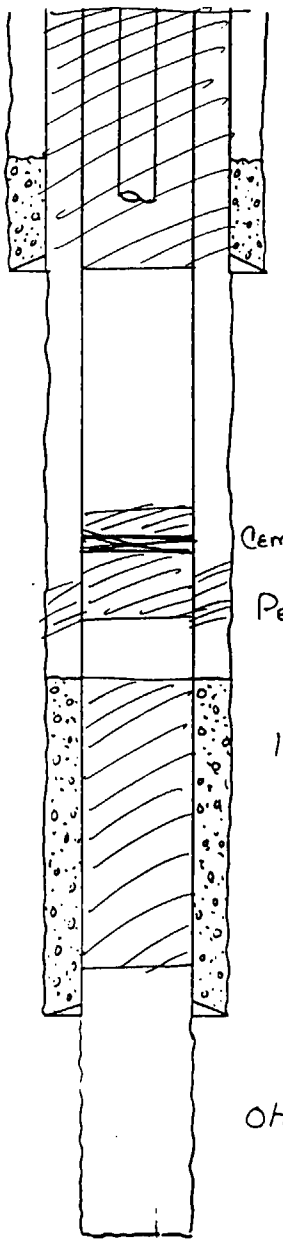
Total Depth 3350 ' Hole size _____ "

Turner "B" #21



8⅝" x 28# @ 591'
w/ 50 sx
TOC @ 213' (Calc.)
Perf 4 holes @ 585' in 7" csg
Cemented / 225 sx Cl "H"
SALT @ 535'-1365'
TOC @ 743' (calc.)
Perf 4 holes @ 1415' - cemented with 160 sx Cl "H"
Set 7" Cmt ret. @ 1594'
7" x @ 2039'
w/ 100 sx
Cement OH 2039'-2139' with 240 sx
2139' TD

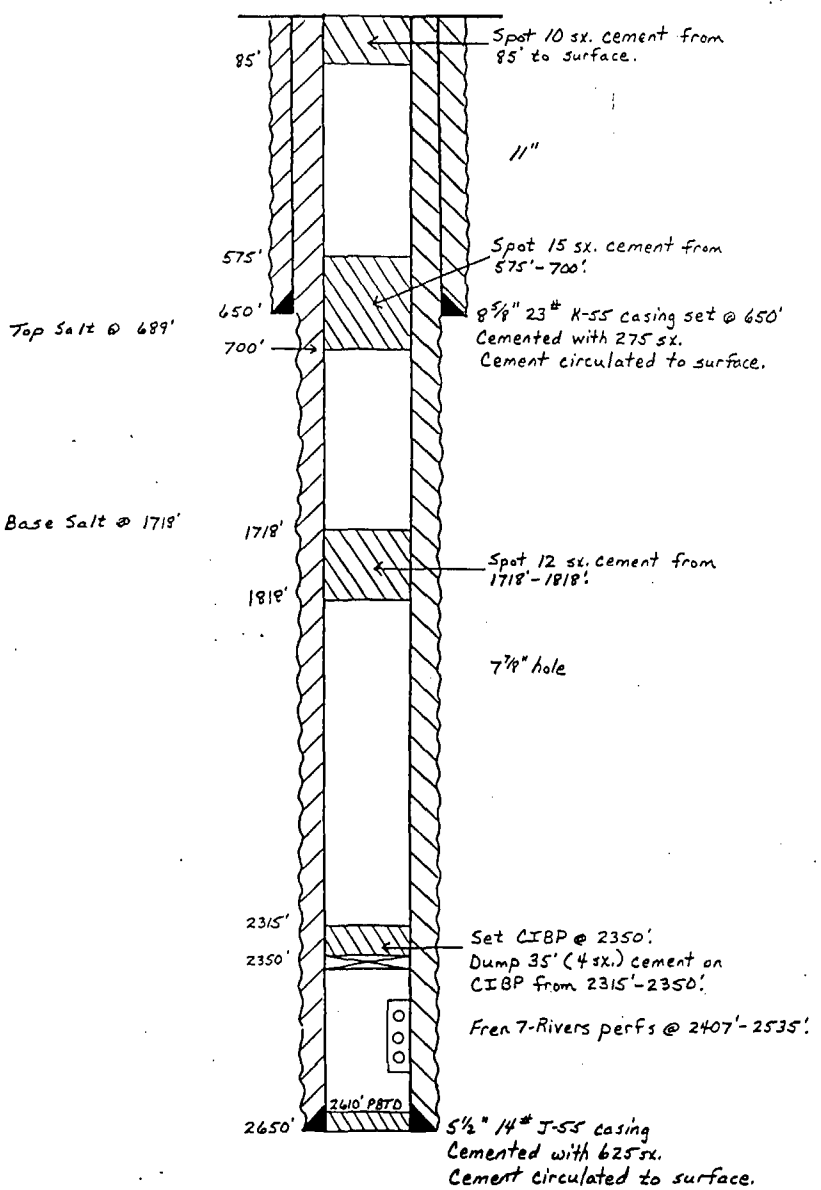
Turner B #20
P+A 6-20-86



0' RKB
4 jts 2⅜" tb
Calc TOC 450'
230 sx cemt
8⅝" 28# @ 568'
w/ 50 sx
Perf @ 560'
Cement ret. @ 1176' / 150 sx with 20' cement on top.
Perf @ 1300' / 4 holes
Calc TOC 1400'
114 sk cement plug from 1400'-1996'
7" 20# @ 2075'
w/ 100 sx
OH 2075-2184
2184 TD

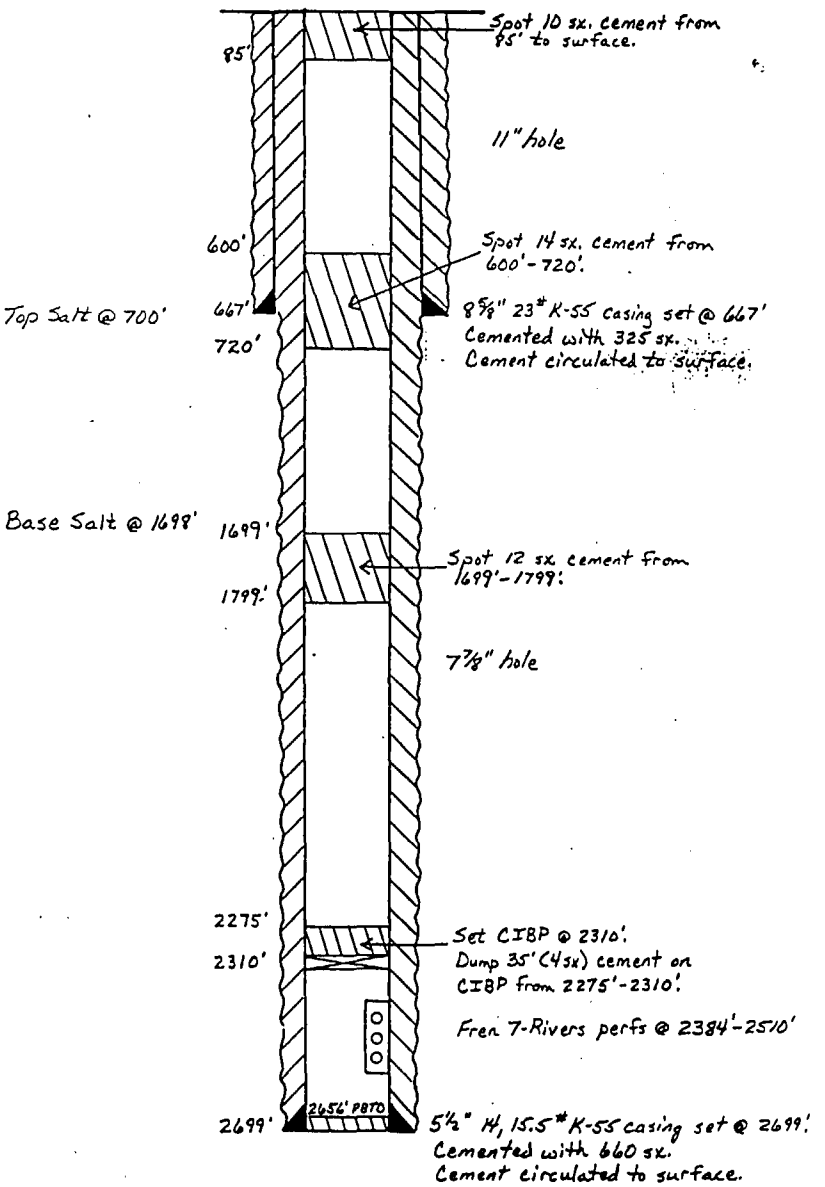
SU # 145

P+A 2-19-88



SU #144

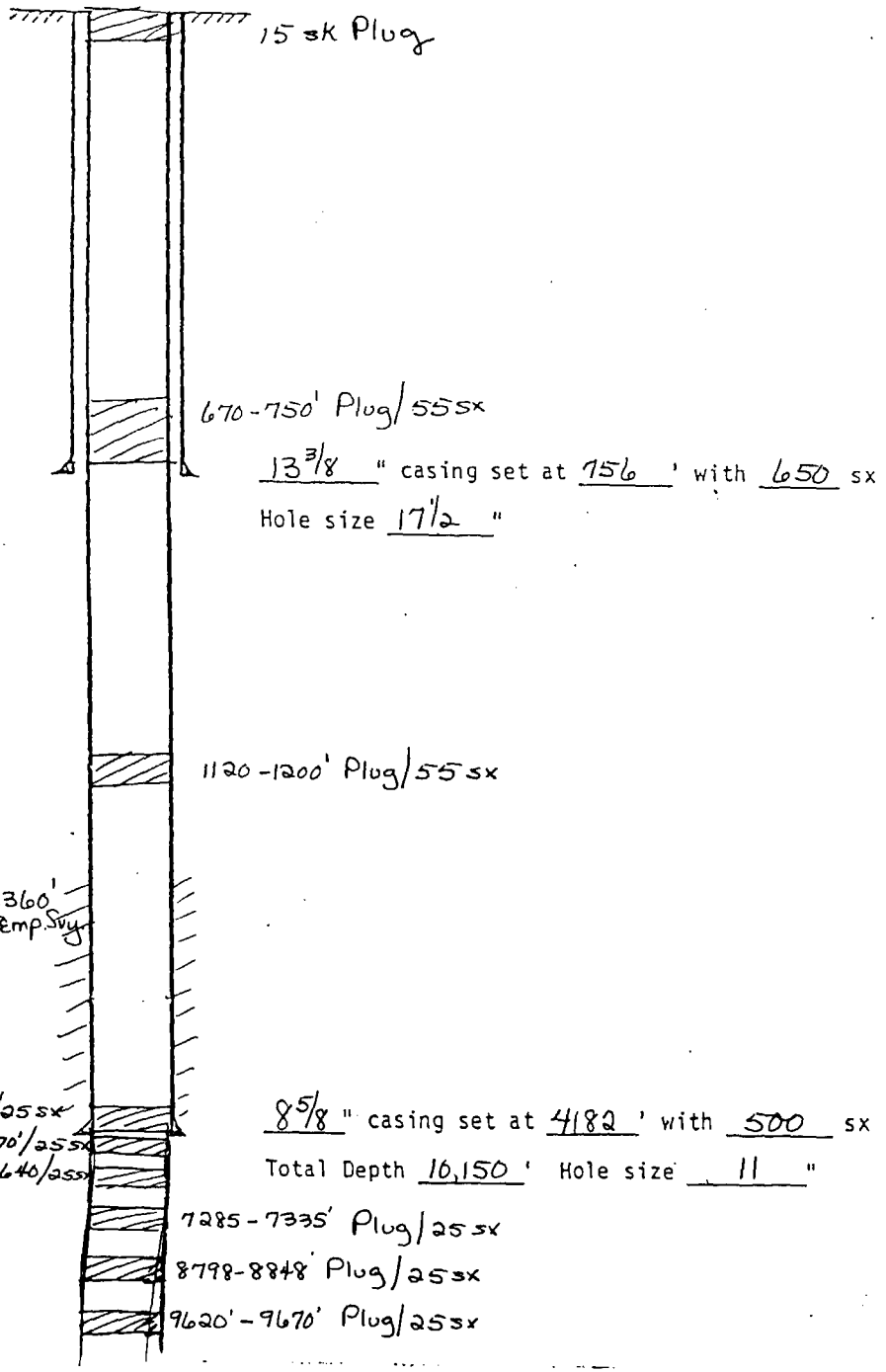
P+A 2-19-88



Puckett "24" Fed | Well No #1

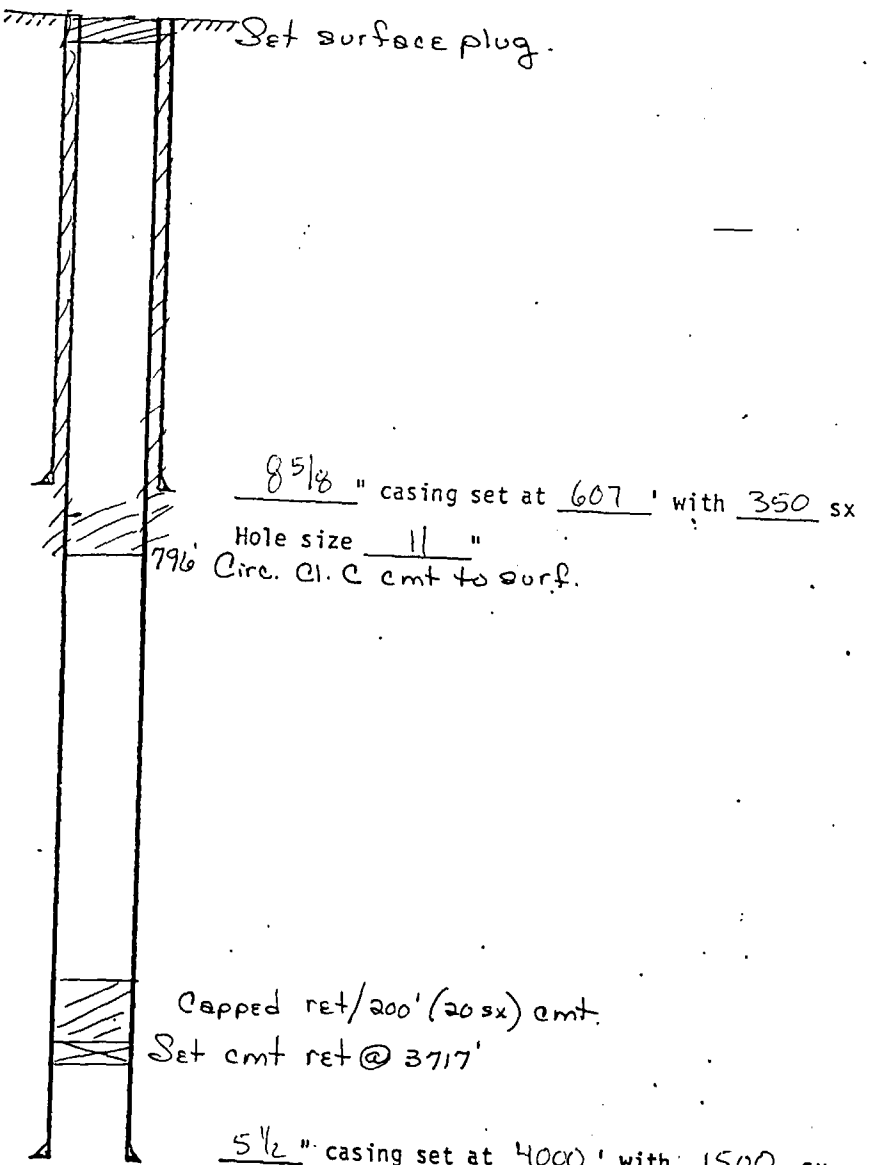
P+A 2-1-69

Dry Hole



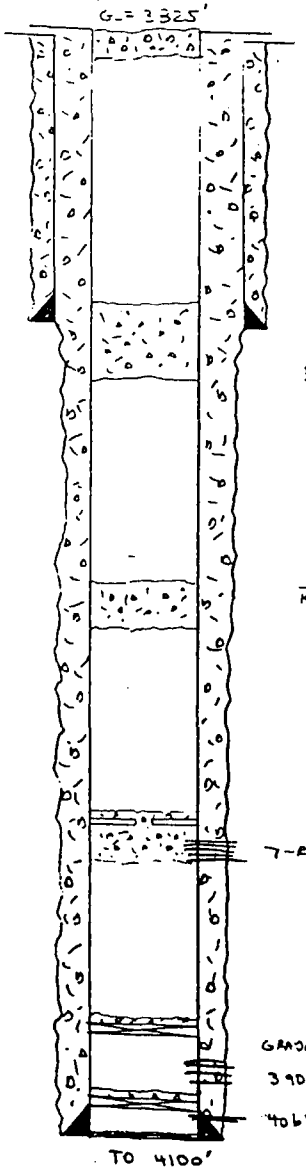
Lea "D" | Well No # 8

P&A 12-6-91



Lea "D" #9
P+A 12-4-90

KB= 3335'
G.= 3325'



Spot 60 sx cmt from 50' - surface

Spot 30 sx cmt from 860' - 565'

Spot 25 sx cmt. from 2185' - 1940'

Set cmt. ret @ 2580 and sqz. perfs w/ 75 sx cmt.

CIBP SET AT 3850' WITH 35' CMT

CIBP SET AT 4050' WITH 1½ sx CMT

TO 4100'

8 5/8" TOP SALT

1444' BOTTOM SALT

7-RIVERS PERFS 2613'-2987' (23 Holes)

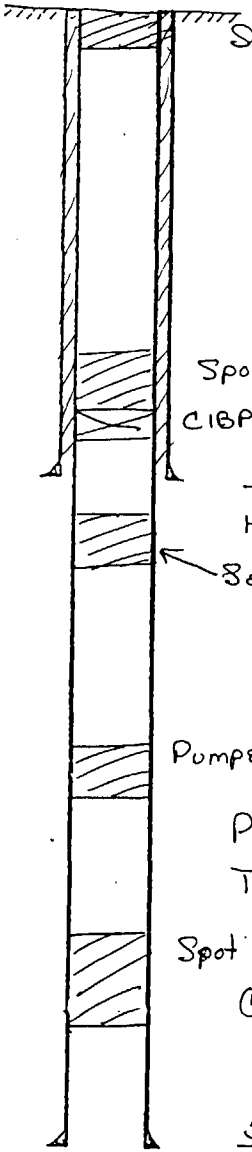
GRAYBURG PERFS:
3903'-3993 (6 Holes)
4068-4074 (7 Holes)

2 5/8" 24# SET AT 6116' IN 11" Hole W/ 375 SX CMT. CIRC.

5½" 15.5# SET AT 4100' IN 7 7/8" Hole W/ 925 SX CMT. CIRC.

30	WELL NO 284

P+A 7-15-96



Spotted 30' Cl. C 30'-Surface

Spotted 25 sx Cl C 375'-425'

CIBP @ 425'

8 5/8" casing set at 447' with 425 sx

Hole size 12 1/4"

Set 25 sx cmt plug 480'-530'

Pumped 15 sx Cl C 2000-2300'

Pumped 30 sx Class C

Tagged bridge @ 2919'

Spot high density plug 3450'-3646'

Cut off 5½ csg @ 3532

5½" casing set at _____' with _____ sx

Total Depth 4150' Hole size 7 7/8"

SU #155

KB = 3775'
GL = 3765'

7 sx Plug 0'-50'

25 sx Plug 515'-700'

25 sx Plug 1625'-1810'

SQZ 75 SX THRU CMT RET AT 2320'. CAP W/ 50' CMT (35 SX)

700' TOP SALT

1625' BOTTOM SALT

8 5/8" 24# SET AT 648' IN 11" Hole W/ 275 SX CMT. CIRC. (K-55)

7-RIVERS PERFS 2354' - 2439' (15 Holes)

PBTD

5½" 14# SET AT 2678' IN 7⅞" Hole W/ 1000 SX CMT. CIRC. (K-55)

P+A 12-4-86
TURNER "B" #22

1 JT 2⅜" EUE 8R TBG W/ 1000 BALL VALVE

Spot 70' cmt inside csg.

TOC @ SURF. (CALC.)

Perf @ 170' - Pumped 100 sx

TOC 198' by Temp Svy

Perf @ 575' Pump 600 sx Did not circulate

TOC @ 700 (CALC.)

SALT @ 510' - 1470'

7" X 20# @ 582' W/ 50 SX

Cmt Ret @ 1402' Pumped 150 sx cmt

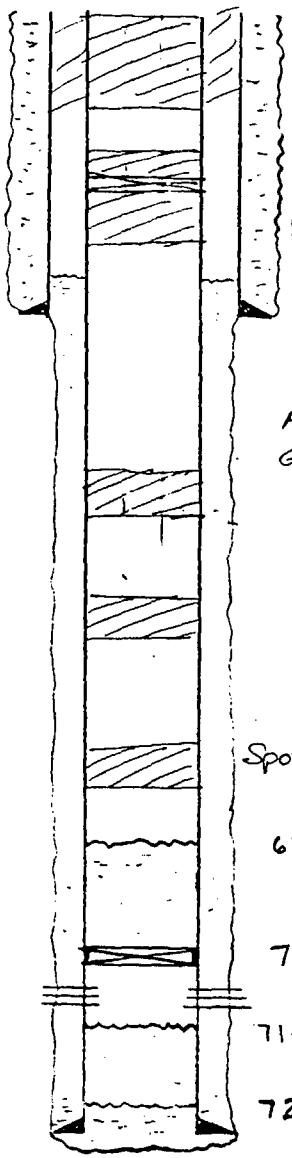
Cmt Ret. @ 2060 Pumped 100 sx cmt

5½" X 14# @ 2165' W/ 100 SX

2227' TD

P+A 12-14-86

Turner "B" #74



Perf @ 70'
Pumped 50 sx
circ to surf.

Pumped 200 sx
below retainer

8 5/8" x 24# J-55 @ 1600'
w/ 776 sx

Spot 25 sx
1984-2250'

Spot 25 sx
2594-2950'

1 1/2" x 11.6, 9.5# J-55 @ 7250'
w/ 1300 sx

TOC @ SURF. (CIRC.)
Perf @ 175' - Pump 100 sx/no circ
Perf @ 360' - Pumped 200 sx/no circ
SALT @ 736' - 1600'

Cmt Ret @ 685'/10' cmt

Perf @ 1395'

TOC @ 1520' (TEMP. SURVEY)

OTHER PRODUCING FM.
FREN 7 RIVERS @ 2200'
GRAYBERG-SANANDRES 2900'-350c

Spot 3194-3550'/25 sx

6799' PBD. SPOTTED 25 SX ACROSS
PERFS 7076'-7117'

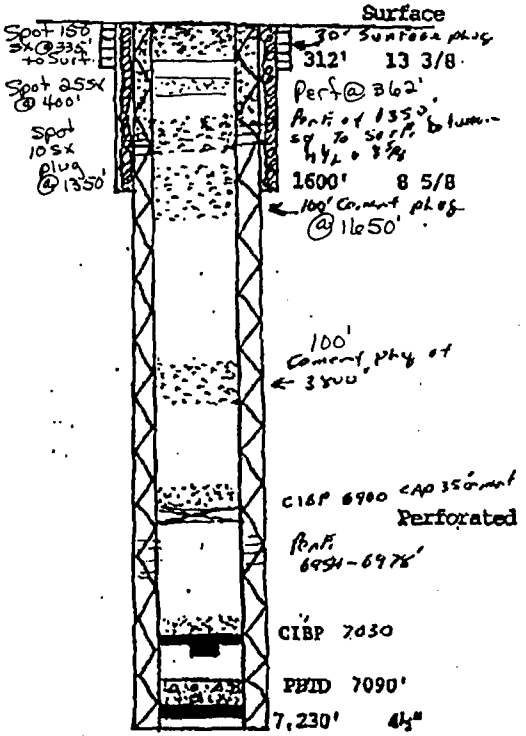
7126' C.I. BRIDGE PLUG TO
ISOLATE PERFS. AT 7134'-7141'

7142' PBD SQZ PERFS. 7182'-7192
W/133 sx

7207' PBD

7250' TD

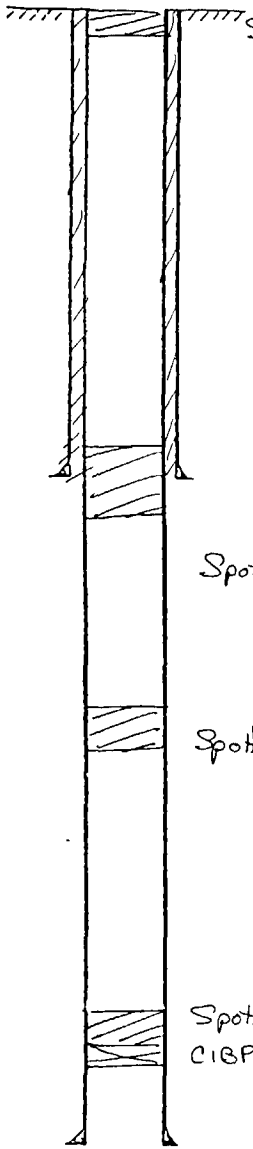
Turner B #69 P+A 8-1-94



Old Abo perfs 7108-33' and 7122-28' were squeeze cemented in 1964. Well was T.A. in January, 1971.

Turner B | WELL No. 24

P+A 3-19-76



Spotted 10 sx cmt @ Surface

8 5/8 " casing set at 532 ' with 50 sx

Hole size _____"

Spotted 35 sx across 8 5/8 csg shoe + Top of Salt 500-600'

Cut 7" csg @ 909' + pulled.

Spotted 35 sx across 7" csg stub 850-950'

Spotted 10 sx on top CIBP - Top of plug @ 1970'

CIBP @ 2010'

7 " casing set at 2112 ' with 100 sx

Total Depth 2219 ' Hole size _____"

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
SKELLY UNIT

VII. PROPOSED OPERATION

1. Average Daily Rate of Fluids to be Injected: 150 BWPD
   Maximum Daily Rate of Fluids to be Injected: 250 BWPD

2. This is to be a closed injection system.

3. Average Injection Pressure: 2000 psi
   Maximum Injection Pressure; 2600 psi

4. Injection fluid will be obtained from the following sources:

   Produced water: Water Analysis Reports on water produced from the Caprock Maljamar Unit are attached as Exhibit VII-A. The data contained therein is representative of water produced across the entire Skelly Unit.

   Extraneous Water: A Water Analysis Report on extraneous water to be obtained from Double Eagle (City of Carlsbad), as prepared by Joe Hughes of Permian Treating Chemicals, is attached as Exhibit VII-B.

   The Wiser Oil Company will use water from Double Eagle temporarily until water from Conoco has been secured and tied in. At that time, The Wiser Oil Company will provide a Conoco water analysis.

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
SKELLY UNIT

VII. PROPOSED OPERATION

1. Average Daily Rate of Fluids to be Injected: 150 BWPD
   Maximum Daily Rate of Fluids to be Injected: 250 BWPD

2. This is to be a closed injection system.

3. Average Injection Pressure: 2000 psi
   Maximum Injection Pressure; 2600 psi

4. Injection fluid will be obtained from the following sources:

   Produced water: Water Analysis Reports on water produced from the Caprock Maljamar Unit are attached as Exhibit VII-A. The data contained therein is representative of water produced across the entire Skelly Unit.

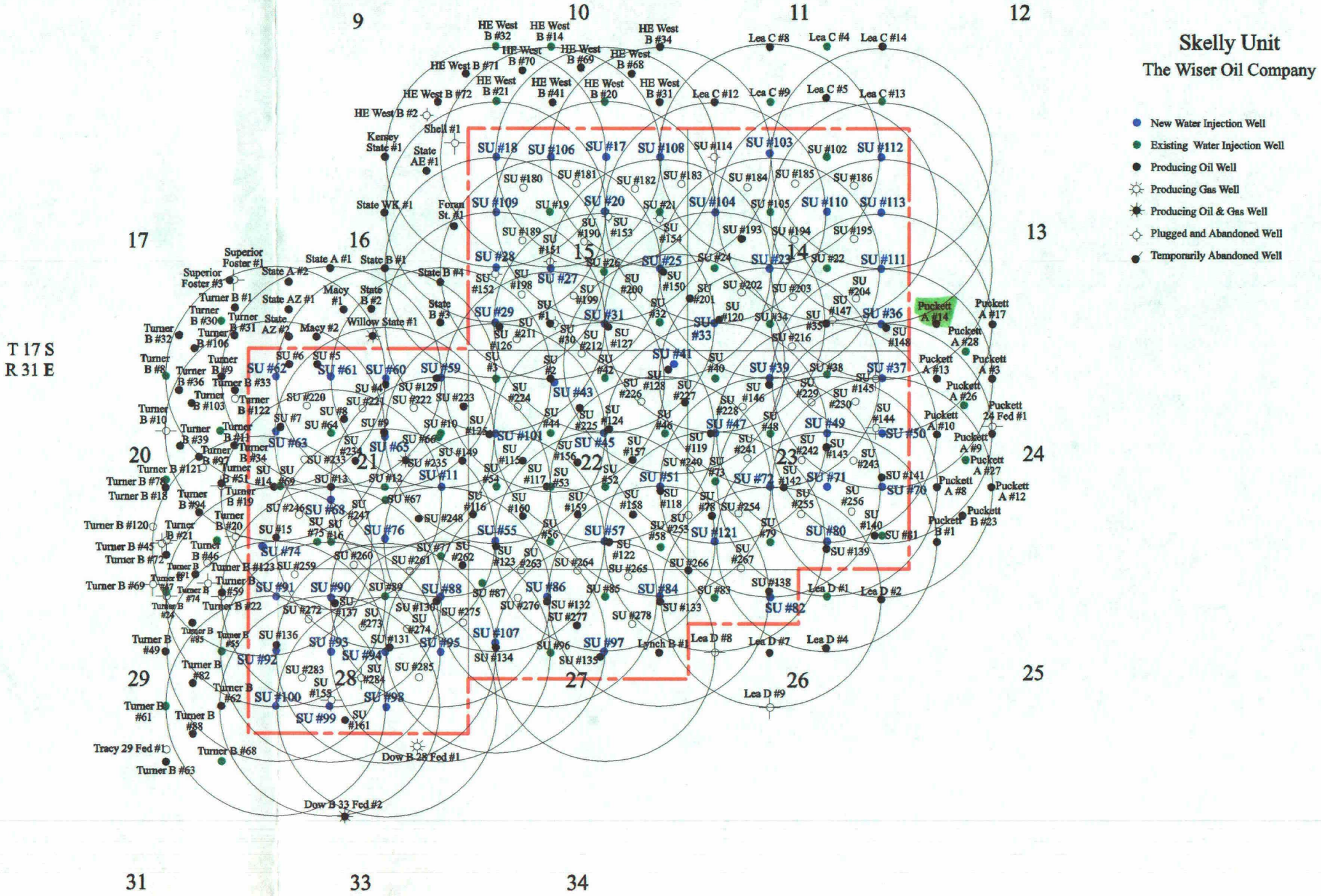
   Extraneous Water: A Water Analysis Report on extraneous water to be obtained from Double Eagle (City of Carlsbad), as prepared by Joe Hughes of Permian Treating Chemicals, is attached as Exhibit VII-B.

   The Wiser Oil Company will use water from Double Eagle temporarily until water from Conoco has been secured and tied in. At that time, The Wiser Oil Company will provide a Conoco water analysis.

C-108
APPLICATION FOR AUTHORIZATION TO INJECT
SKELLY UNIT

III. WELL DATA

The following data sheets describe the 62 Water Injection Wells for which this application is submitted by The Wiser Oil Company.


Skelly Unit
The Wiser Oil Company
New Water Injection Well
Existing Water Injection Well
Producing Oil Well
Producing Gas Well
Producing Oil & Gas Well
Plugged and Abandoned Well
Temporarily Abandoned Well
T 17 S
R 31 E
9
10
11
12
13
14
15
16
17
20
21
22
23
24
25
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27
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29
31
33
34
SU #18
SU #106
SU #17
SU #108
SU #114
SU #103
SU #102
SU #112
SU #109
SU #19
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SU #21
SU #104
SU #105
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SU #28
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SU #27
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SU #62
SU #61
SU #60
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SU #43
SU #63
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SU #101
SU #45
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SU #49
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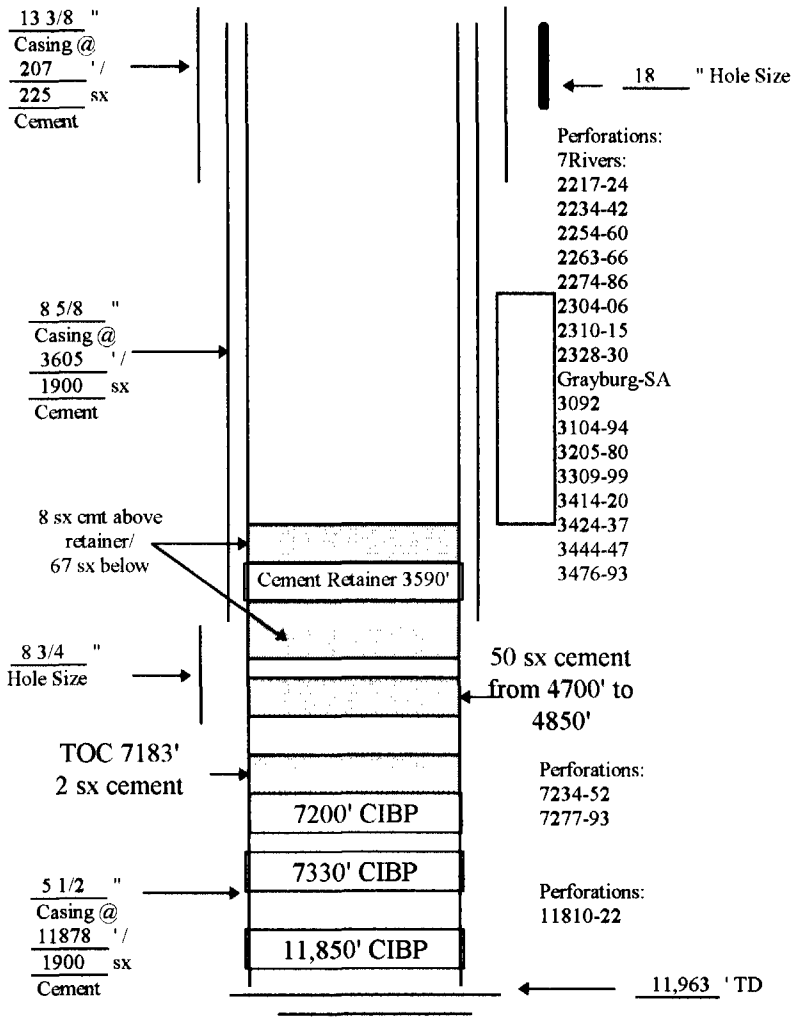
SU #11
SU #51
SU #72
SU #71
SU #70
SU #68
SU #76
SU #55
SU #57
SU #121
SU #80
SU #74
SU #91
SU #90
SU #88
SU #86
SU #84
SU #82
SU #93
SU #95
SU #107
SU #92
SU #94
SU #100
SU #98
SU #99
Puckett A #14
Puckett A #17
Puckett A #28
Puckett A #13
Puckett A #3
Puckett A #26
Puckett 24 Fed #1
Puckett A #10
Puckett A #9
Puckett A #27
Puckett A #8
Puckett A #12
Puckett B #23
Puckett B #1
Lea C #8
Lea C #4
Lea C #14
Lea C #12
Lea C #9
Lea C #5
Lea C #13
Lea D #1
Lea D #2
Lea D #8
Lea D #7
Lea D #4
Lea D #9
Lynch B #1
HE West B #32
HE West B #14
HE West B #34
HE West B #70
HE West B #69
HE West B #68
HE West B #71
HE West B #21
HE West B #41
HE West B #20
HE West B #31
HE West B #72
HE West B #2
Shell #1
Kersey State #1
State AE #1
State WK #1
Foran St. #1
Superior Foster #1
Superior Foster #3
State A #1
State A #2
State B #1
State B #4
State B #2
State B #3
Macy #1
Macy #2
State AZ #1
State AZ #2
Willow State #1
Turner B #1
Turner B #30
Turner B #31
Turner B #32
Turner B #106
Turner B #8
Turner B #9
Turner B #36
Turner B #33
Turner B #103
Turner B #122
Turner B #10
Turner B #39
Turner B #11
Turner B #97
Turner B #34
Turner B #121
Turner B #7
Turner B #18
Turner B #94
Turner B #19
Turner B #120
Turner B #20
Turner B #21
Turner B #45
Turner B #46
Turner B #72
Turner B #123
Turner B #69
Turner B #91
Turner B #47
Turner B #59
Turner B #74
Turner B #24
Turner B #22
Turner B #85
Turner B #55
Turner B #49
Turner B #82
Turner B #62
Turner B #61
Turner B #88
Turner B #68
Turner B #63
Tracy 29 Fed #1
Dow B 28 Fed #1
Dow B 33 Fed #2

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Company LEASE Skelly Unit

WELL NO. #11 | 1980' FSL, 660' FEL, Unit I (FOOTAGE LOCATION) | 21 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 207 '
Size 13 3/8 " Cemented with 225 sx.
TOC Surface feet determined by
Hole Size 18 "

Intermediate Casing Set @ 3605 '
Size 8 5/8 " Cemented with 1900 sx.
TOC feet determined by
Hole Size 8 ¾ "

Long String Set @ 11,878 '
Size 5 ½ " Cemented with 1900 sx.
TOC 5221 feet determined by Calculation
Hole Size 8 ¾ "
Total Depth 11,963 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with (type of internal coating) set in a Baker Model D Production packer at 3537 feet

Other type of tubing / casing seal if applicable

Other Data

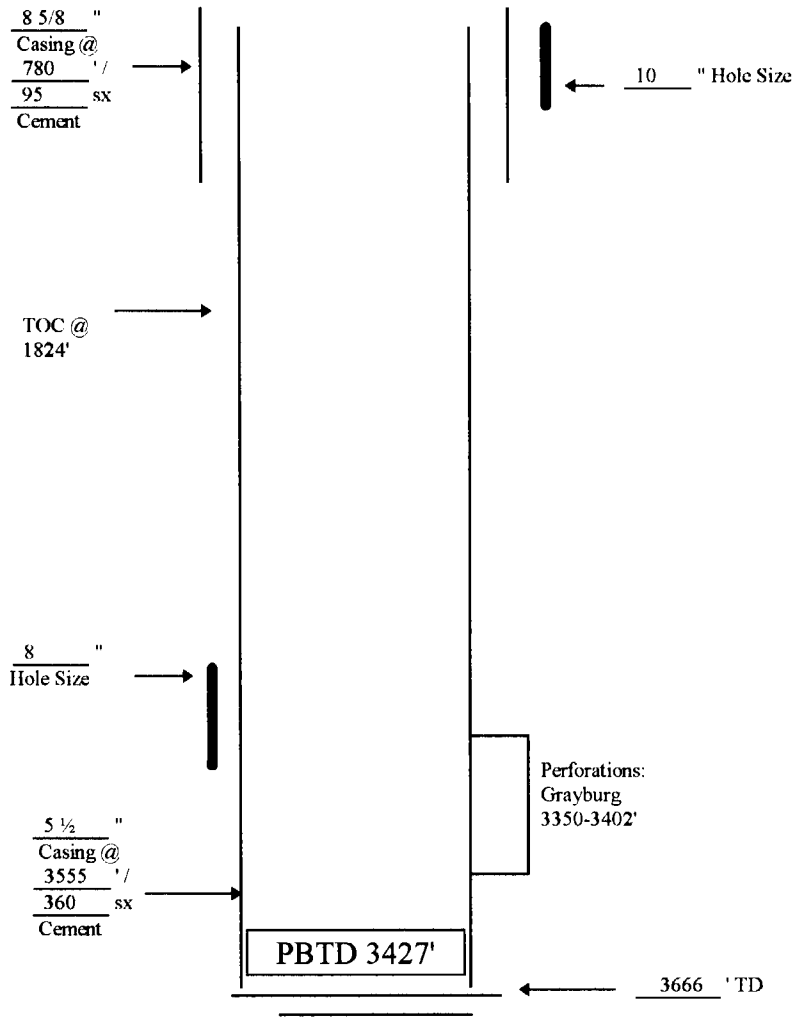
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 2217-2330'; 3092-3194'; 3205-3399'; 3414-93'; 7234-93'; 11810-22'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #17 | 660' FNL, 1930' FEL, Unit B (FOOTAGE LOCATION) | 15 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 780 '
Size 8 5/8 " Cemented with 95 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3555 '
Size 5 ½ " Cemented with 360 sx.
TOC 1824 feet determined by Calculation
Hole Size 8 "
Total Depth 3666 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with _____ set in a
(type of internal coating)
_____ packer at 3405 feet

Other type of tubing / casing seal if applicable _____

Other Data

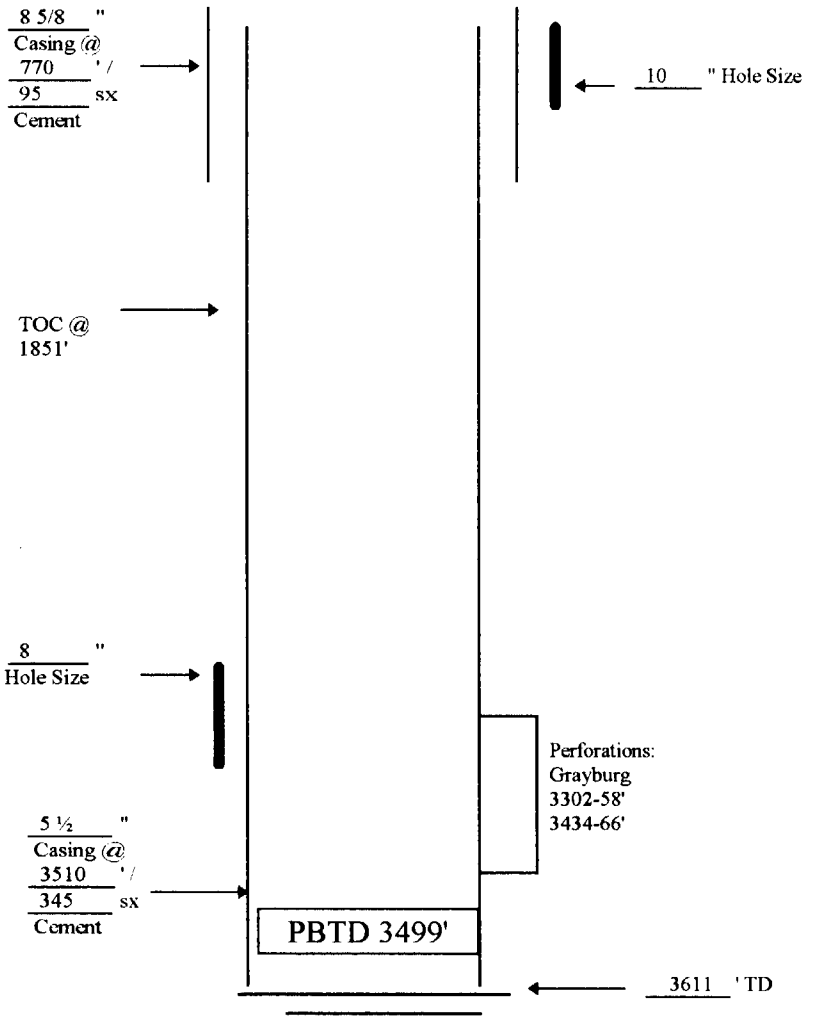
1. Is this a new well drilled for injection? ____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 8-5-59
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3350-3402'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #18 | 660' FNL, 660' FWL, Unit D (FOOTAGE LOCATION) | 15 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 770 '
Size 8 5/8 " Cemented with 95 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3510 '
Size 5 ½ " Cemented with 345 sx.
TOC 1851 feet determined by Calculation
Hole Size 8 "
Total Depth 3611 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with _____ set in a
(type of internal coating)
_____ packer at 3288 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? ____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 9-19-59
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3302-58'; 3434-66'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

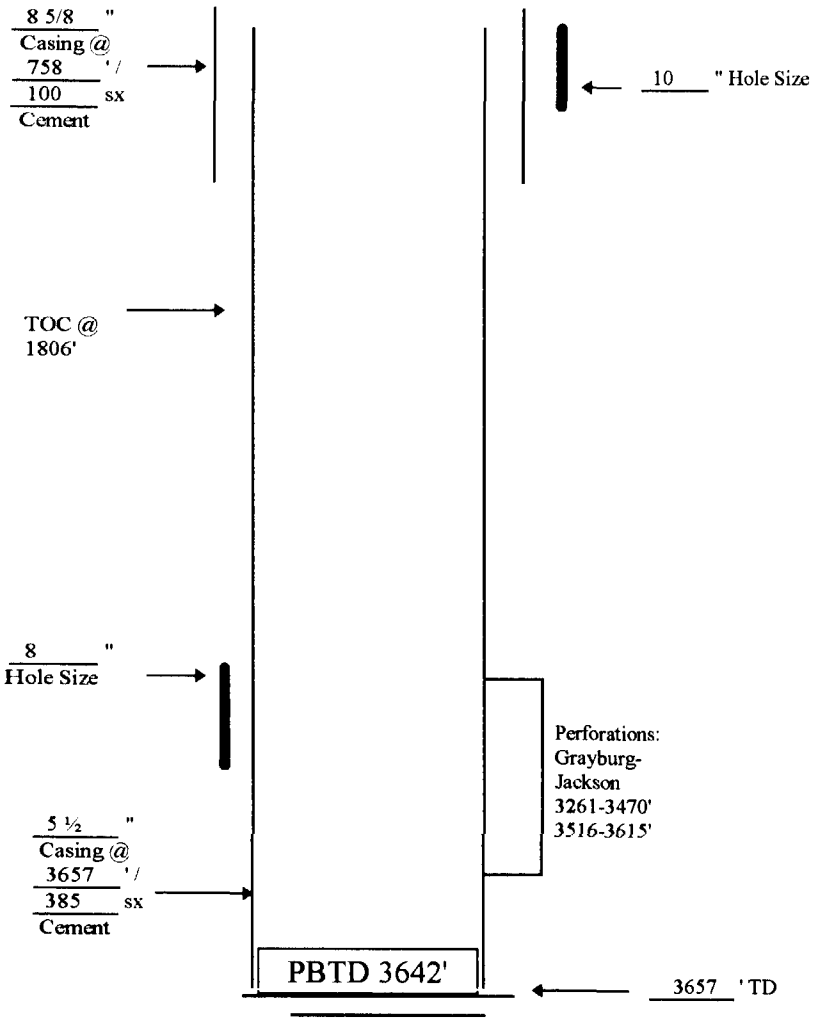
INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company LEASE: Skelly Unit

WELL NO.: #20 1980' FNL, 1980' FEL, Unit G 15 17S 31E

FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

Surface Casing Set @ 758 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3657 '
Size 5 ½ " Cemented with 385 sx.
TOC 1806 feet determined by Calculation
Hole Size 8 "
Total Depth 3657 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3606 feet

Other type of tubing / casing seal if applicable _____

Other Data

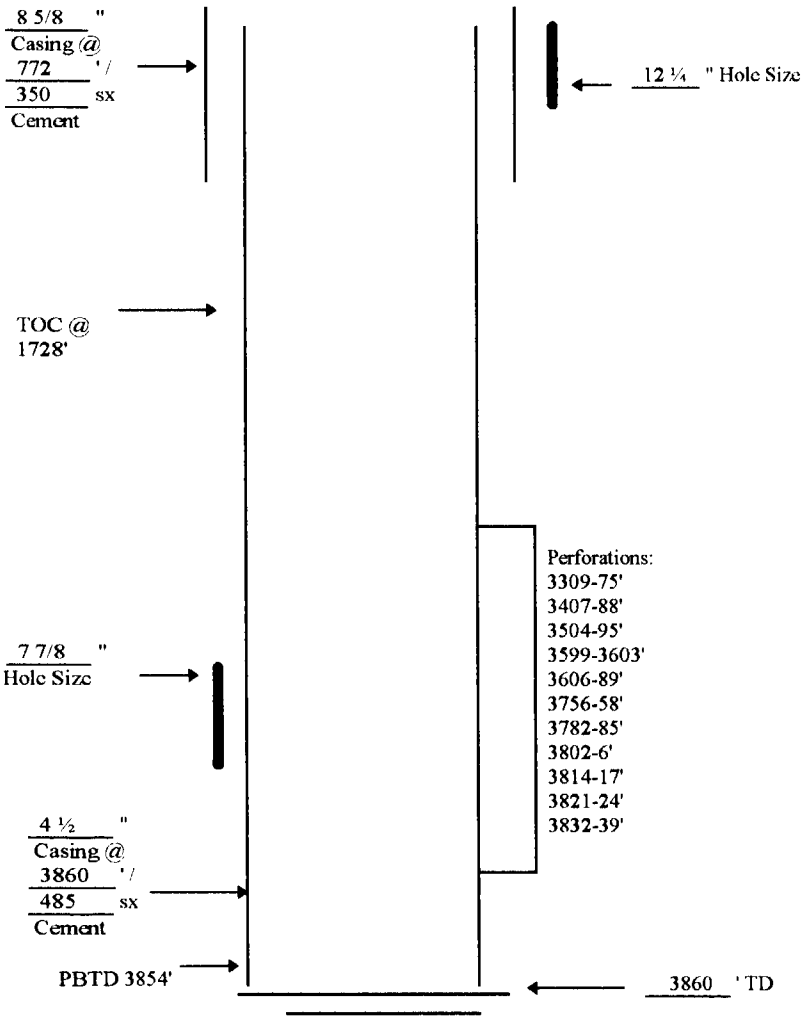
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 9-26-61
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3261-3470'; 3516-3615'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #23 — 1980' FSL, 1980' FWL, Unit K (FOOTAGE LOCATION) — 14 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 772 '
Size 8 5/8 " Cemented with 350 sx.
TOC Surface feet determined by _____
Hole Size 12 ¼ "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3860 '
Size 4 ½ " Cemented with 485 sx.
TOC 1728 feet determined by Temp. Survey
Hole Size 7 7/8 "
Total Depth 3860 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3819 feet

Other type of tubing / casing seal if applicable _____

Other Data

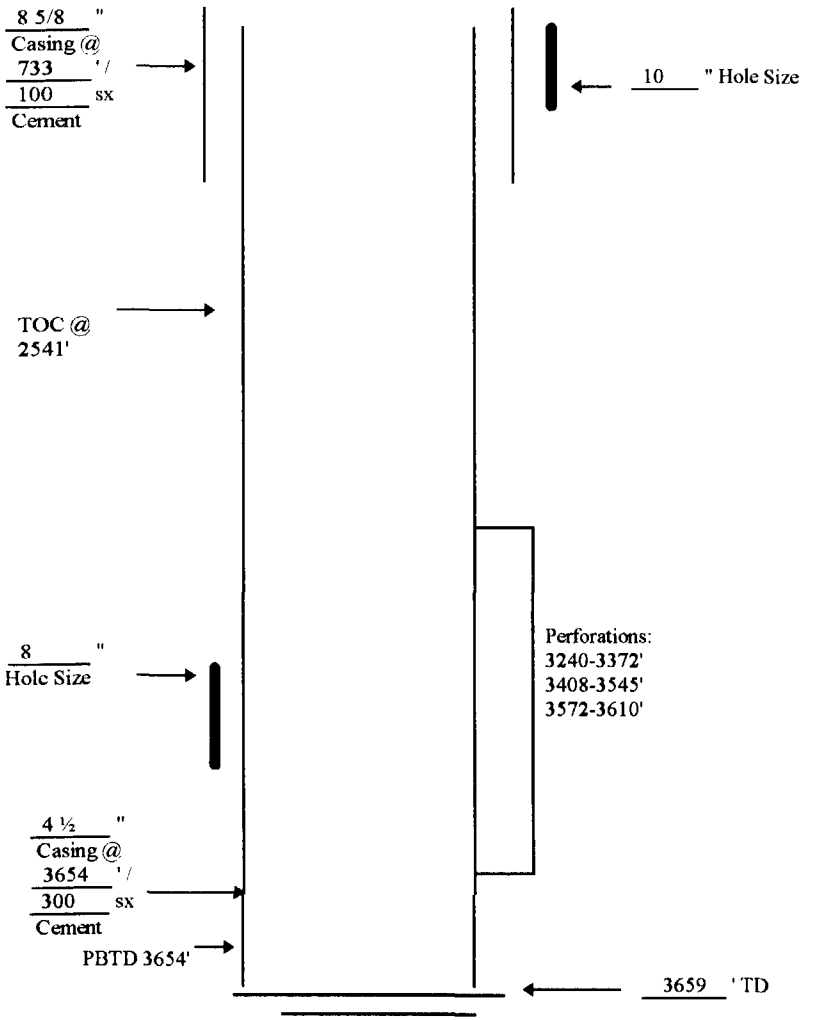
1. Is this a new well drilled for injection? ____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3309-75; 3407-88; 3504-95; 3599-3603; 3606-89; 3756-3839'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #25 — 1980' FSL, 660' FEL, Unit I (FOOTAGE LOCATION) — 15 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 733 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3654 '
Size 4 ½ " Cemented with 300 sx.
TOC 2541 feet determined by Calculation
Hole Size 8 "
Total Depth 3659 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3533 feet
Other type of tubing / casing seal if applicable _____

Other Data

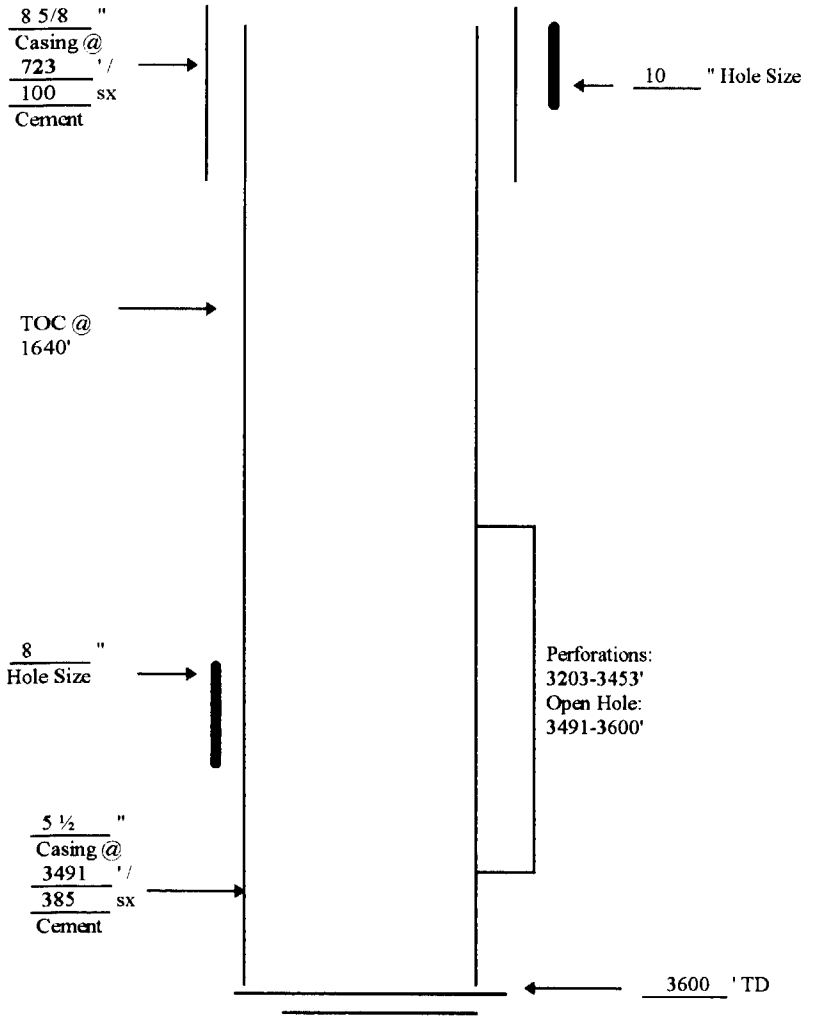
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3240-3610', 3408-3545'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #27 | 1980' FSL, 1980' FWL, Unit K (FOOTAGE LOCATION) | 15 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 723 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3491 '
Size 5 ½ " Cemented with 385 sx.
TOC 1640 feet determined by Calculation
Hole Size 8 "
Total Depth 3600 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with _____ set in a
(type of internal coating)
_____ packer at 3381 feet

Other type of tubing / casing seal if applicable _____

Other Data

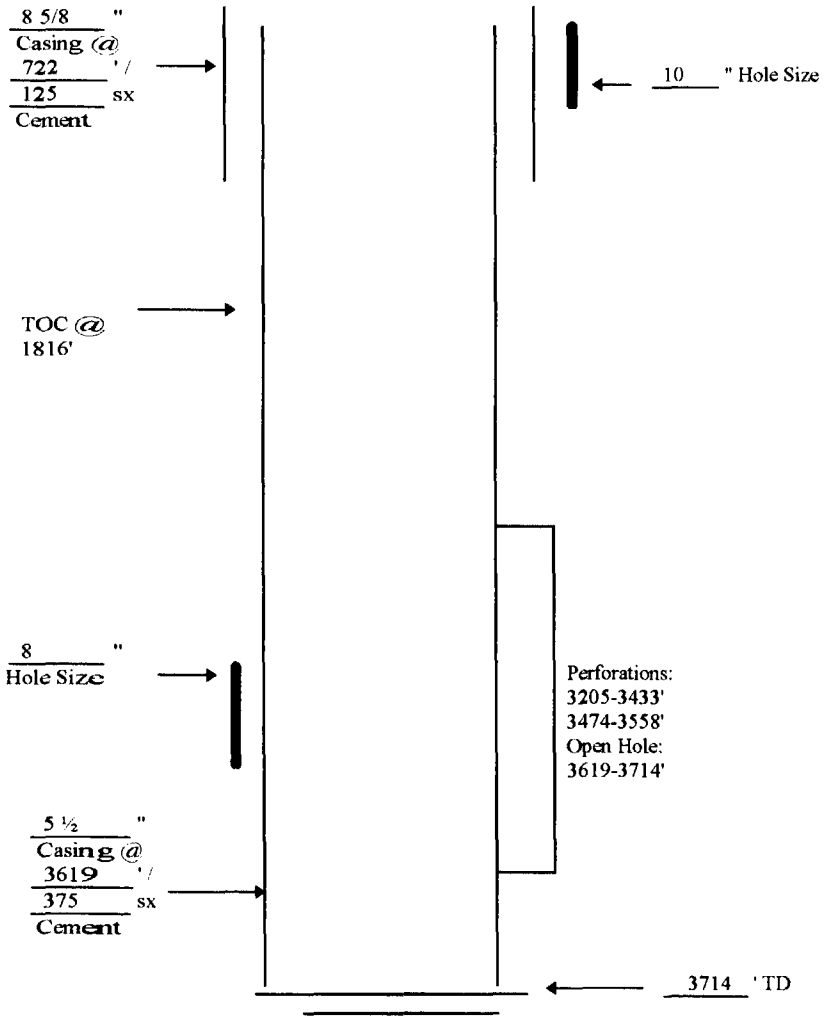
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3203-3453'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #28 — 1980' FSL, 660' FWL, Unit L (FOOTAGE LOCATION) — 15 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 722 '
Size 8 5/8 " Cemented with 125 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3619 '
Size 5 ½ " Cemented with 375 sx.
TOC 1816 feet determined by Calculation
Hole Size 8 "
Total Depth 3714 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3648 feet

Other type of tubing / casing seal if applicable _____

Other Data

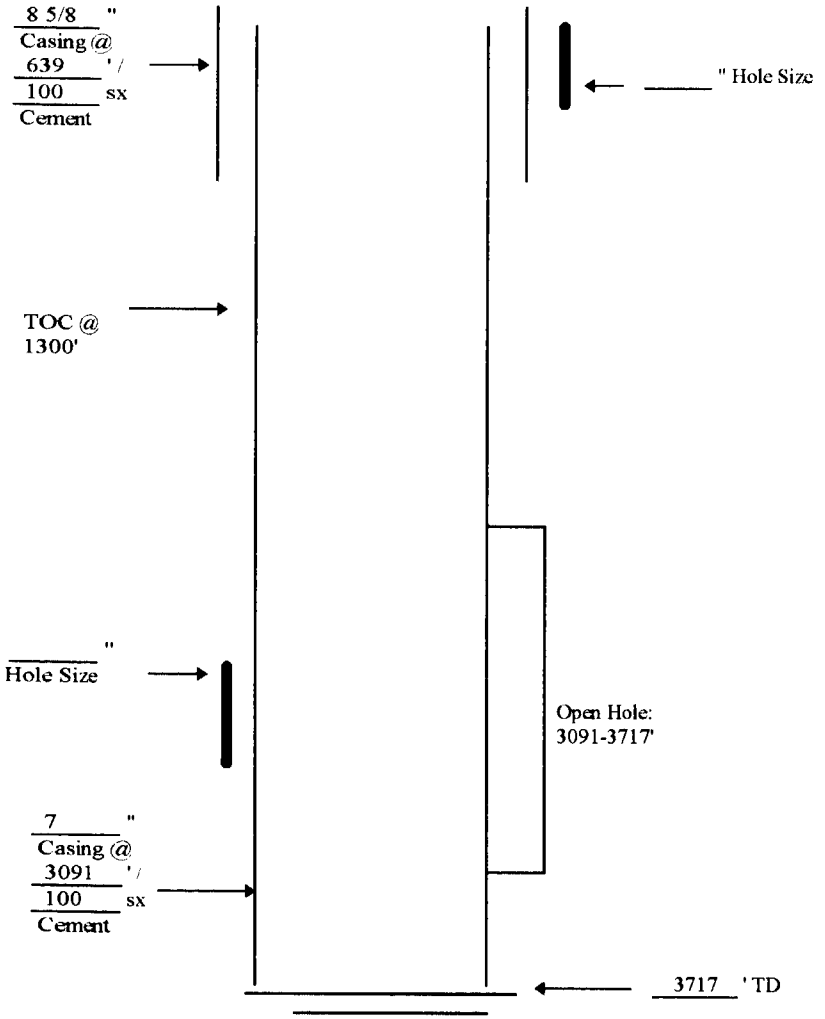
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3205'-3433', 3474-3558'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #29 — 660' FSL, 660' FWL, Unit M (FOOTAGE LOCATION) — 15 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 639 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size _____ "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3091 '
Size 7 " Cemented with 100 sx.
TOC 1300 feet determined by Temp Survey
Hole Size _____ "
Total Depth 3717 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3634 feet
Other type of tubing / casing seal if applicable _____

Other Data

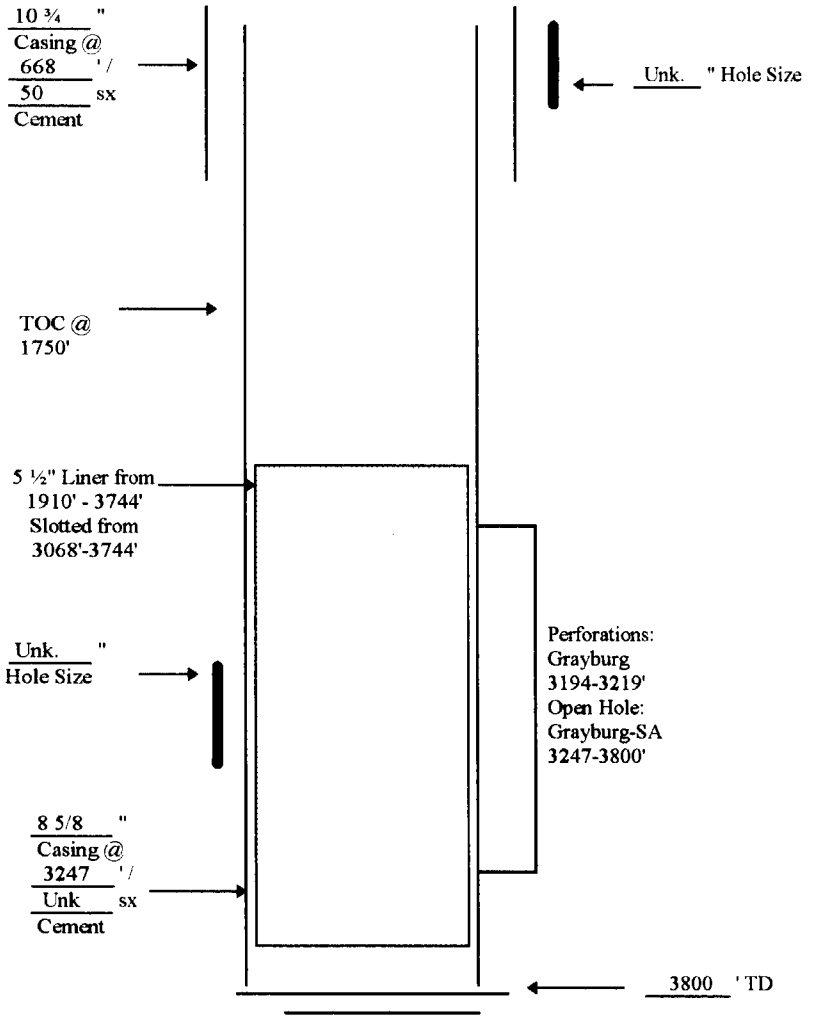
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 _____
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #31 | 660' FSL, 1980' FEL, Unit O (FOOTAGE LOCATION) | 15 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 668 '
Size 10 ¾ " Cemented with 50 sx.
TOC Surface feet determined by _____
Hole Size Unknown "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3247 '
Size 8 5/8 " Cemented with Unknown sx.
TOC 1750 feet determined by Temp Survey
Hole Size Unknown "
Total Depth 3800 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3676 feet

Other type of tubing / casing seal if applicable _____

Other Data

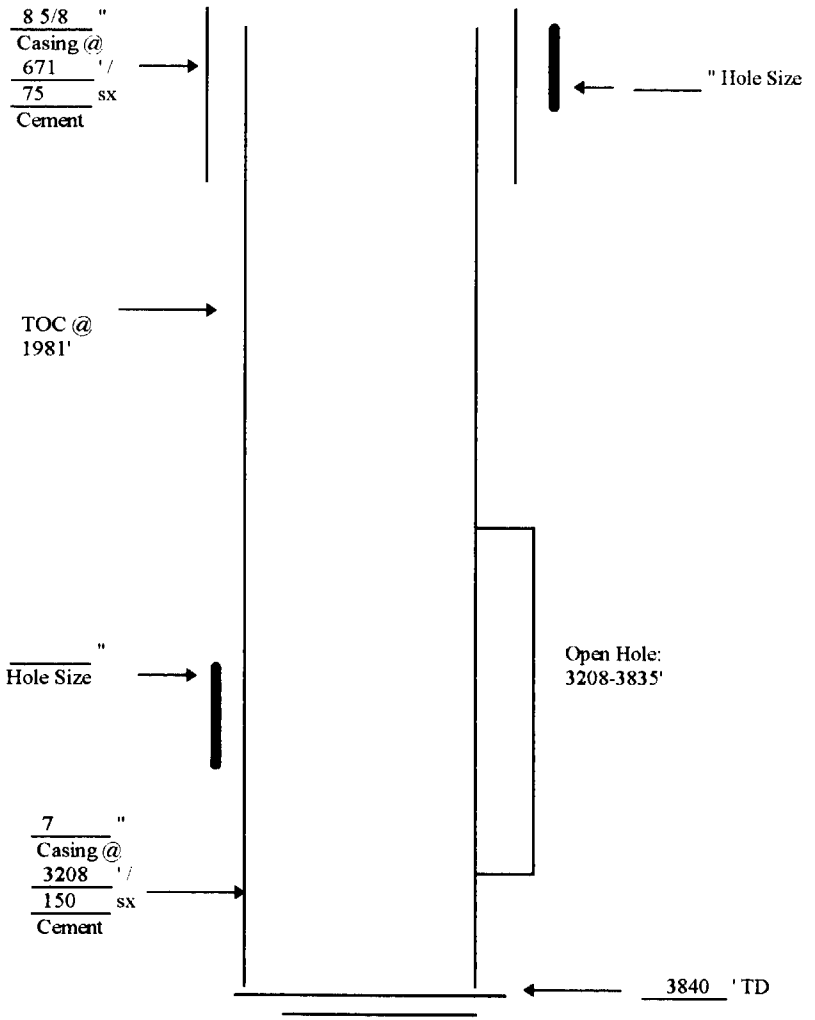
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3194'-3219'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #33 | 660' FSL, 660' FWL, Unit M (FOOTAGE LOCATION) | 14 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 671 '
Size 8 5/8 " Cemented with 75 sx.
TOC Surface feet determined by _____
Hole Size _____ "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3208 '
Size 7 " Cemented with 150 sx.
TOC 1981 feet determined by Temp Survey
Hole Size _____ "
Total Depth 3840 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with _____ set in a
(type of internal coating)
_____ packer at 3316 feet
Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 _____
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

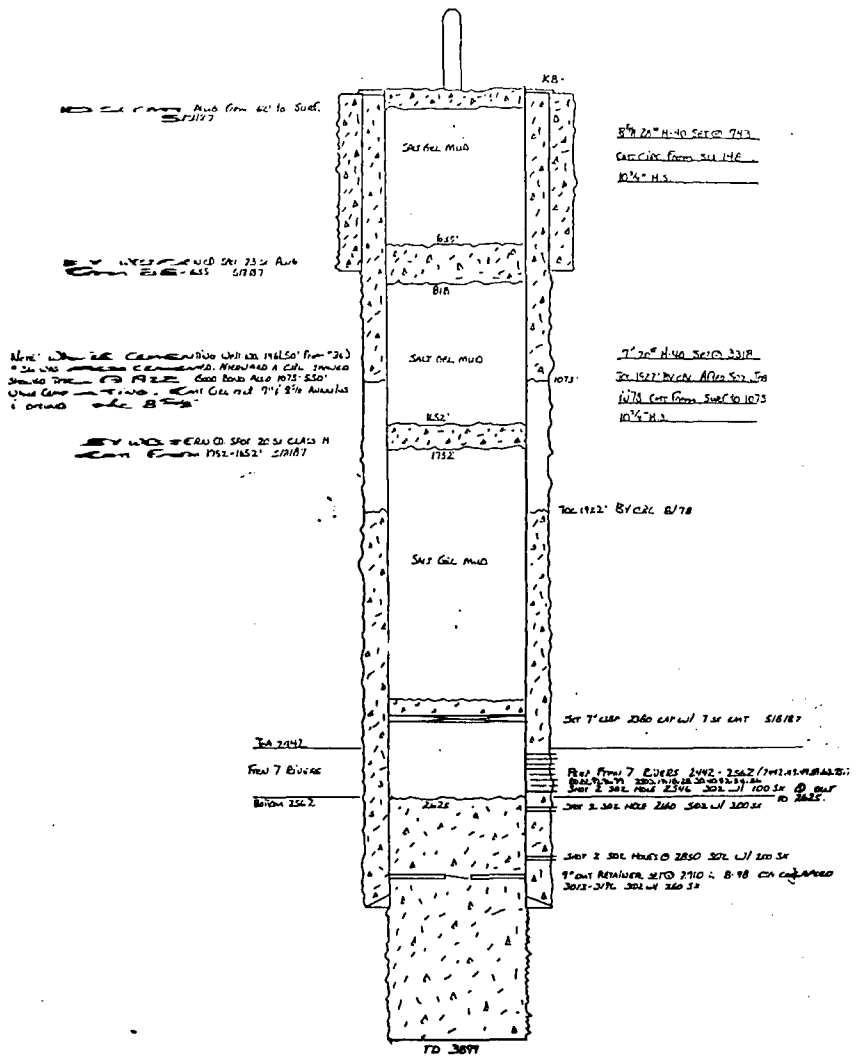
INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Company LEASE Skelly Unit

WELL NO. #36 660' FSL, 660' FEL, Unit P 14 17S 31E

FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

Surface Casing Set @ 743 '

Size 8 5/8 " Cemented with 100 sx.

TOC Surface feet determined by

Hole Size 10 ¾ "

Intermediate Casing

Size " Cemented with sx.

TOC feet determined by

Hole Size "

Long String Set @ 3318 '

Size 7 " Cemented with 150 sx.

TOC 1922 feet determined by Cement Bond Log

Hole Size 9 ¾ "

Total Depth 3899 '

Injection Interval

feet to feet

(perforated or open-hole; Indicate which)

Tubing Size " lined with set in a

(type of internal coating)

packer at feet

Other type of tubing / casing seal if applicable

Other Data

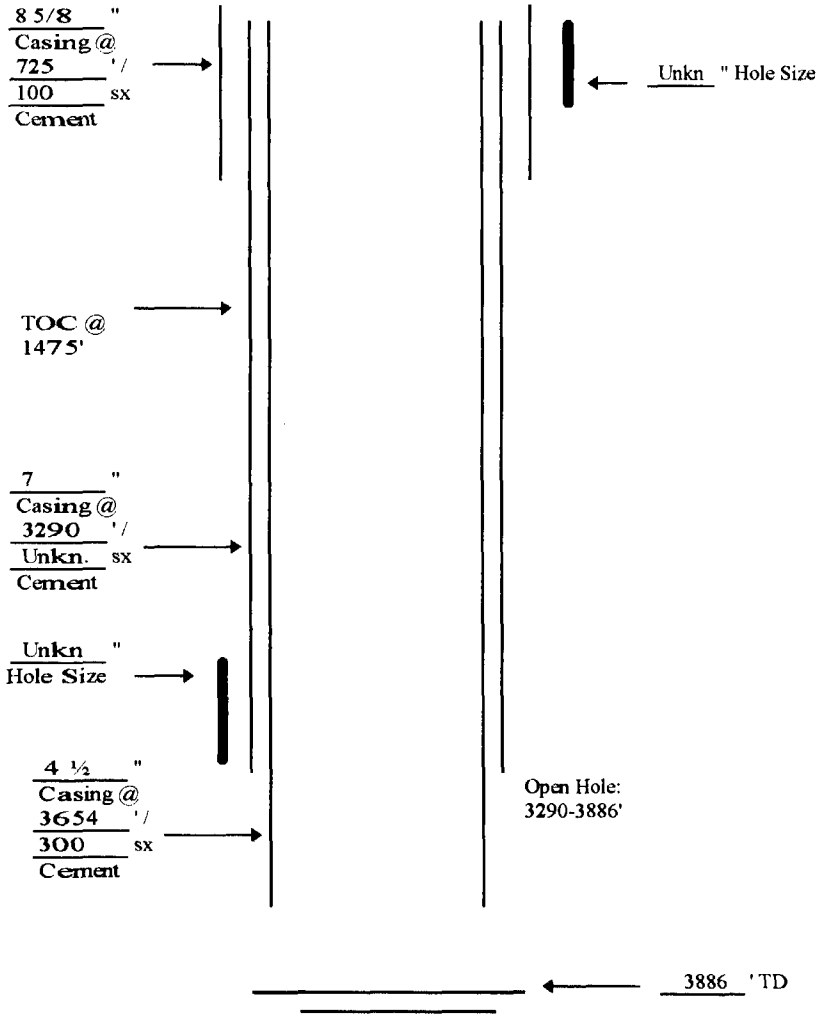
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 6-1-60 - P&A 5-8-87
   Wiser plans to re-enter this well and complete as WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 2442-98'; 2503-62'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #37 | 660' FNL, 660' FEL, Unit A (FOOTAGE LOCATION) | 23 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 725 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by
Hole Size Unknown "

Intermediate Casing Set @ 3290 '
Size 7 " Cemented with 150 sx.
TOC 1475 feet determined by Temp. Survey
Hole Size Unknown "

Long String Set @ 3654 '
Size 4 ½ " Cemented with 300 sx.
TOC feet determined by
Hole Size Unknown "

Total Depth 3886 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with (type of internal coating) set in a packer at 3867 feet

Other type of tubing / casing seal if applicable

Other Data

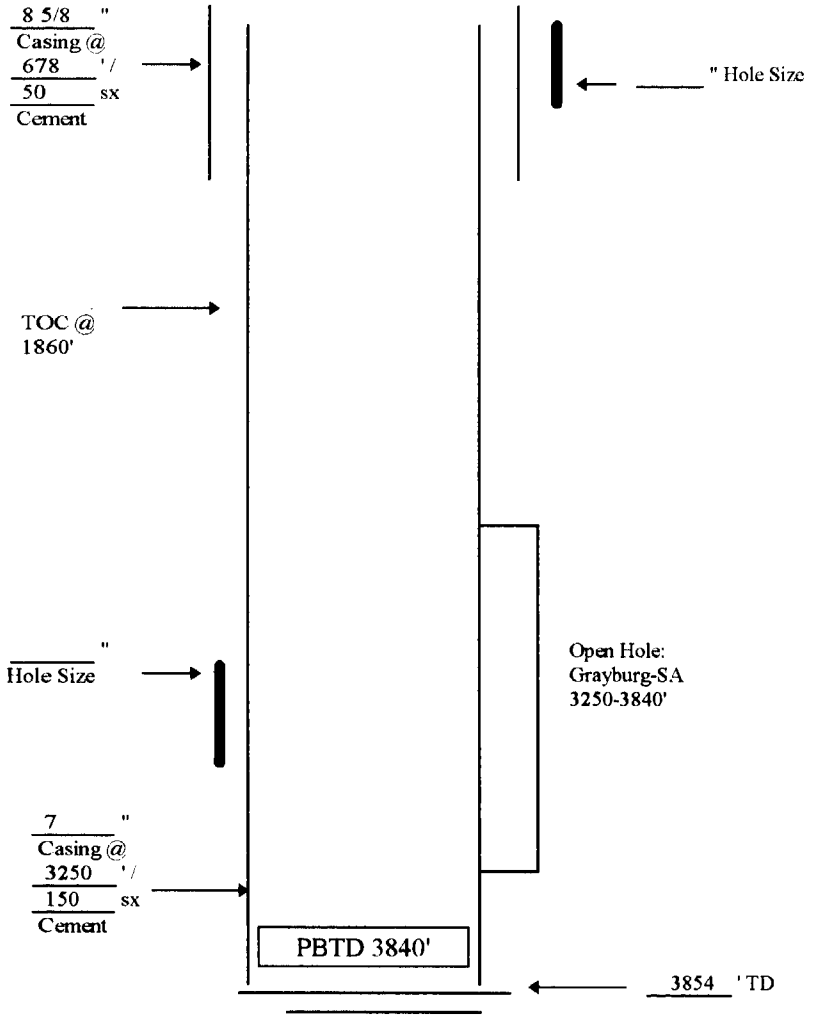
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production - SI
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 2078-2226; 3240-95;3304-72'; 3408-3500'; 3508-45'; 3572-79'; 3603-10'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #39 | 660' FNL, 1980' FWL, Unit C (FOOTAGE LOCATION) | 23 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 678 '
Size 8 5/8 " Cemented with 50 sx.
TOC Surface feet determined by _____
Hole Size _____ "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3250 '
Size 7 " Cemented with 150 sx.
TOC 1860' feet determined by Cement Bond Log
Hole Size _____ "
Total Depth 3854' '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3747 feet
Other type of tubing / casing seal if applicable _____

Other Data

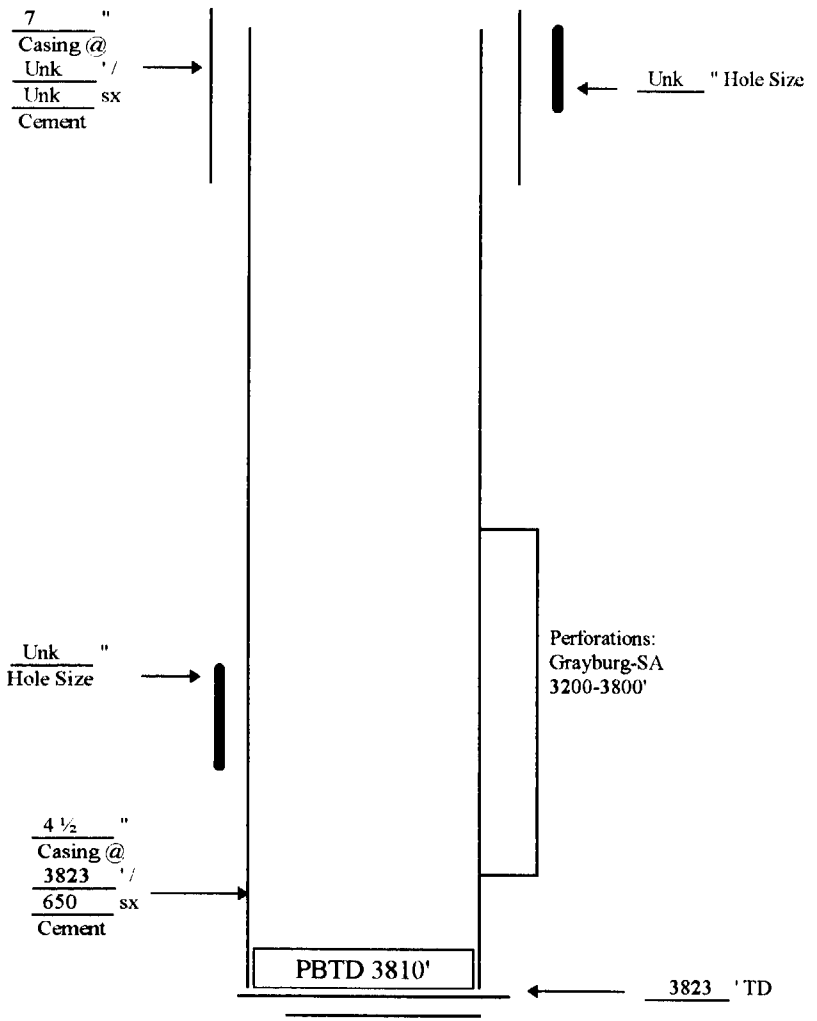
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 _____
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #41 | 330' FNL, 330' FEL, Unit A (FOOTAGE LOCATION) | 22 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ Unknown '
Size 7 " Cemented with Unknown sx.
TOC Surface feet determined by ____
Hole Size Unknown "

Intermediate Casing
Size ____ " Cemented with ____ sx.
TOC ____ feet determined by ____
Hole Size ____ "

Long String Set @ 3823 '
Size 4 ½ " Cemented with 650 sx.
TOC ____ feet determined by ____
Hole Size Unknown "
Total Depth 3823' '

Injection Interval
____ feet to ____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with ____ set in a
(type of internal coating)
____ packer at 3650 feet
Other type of tubing / casing seal if applicable ____

Other Data

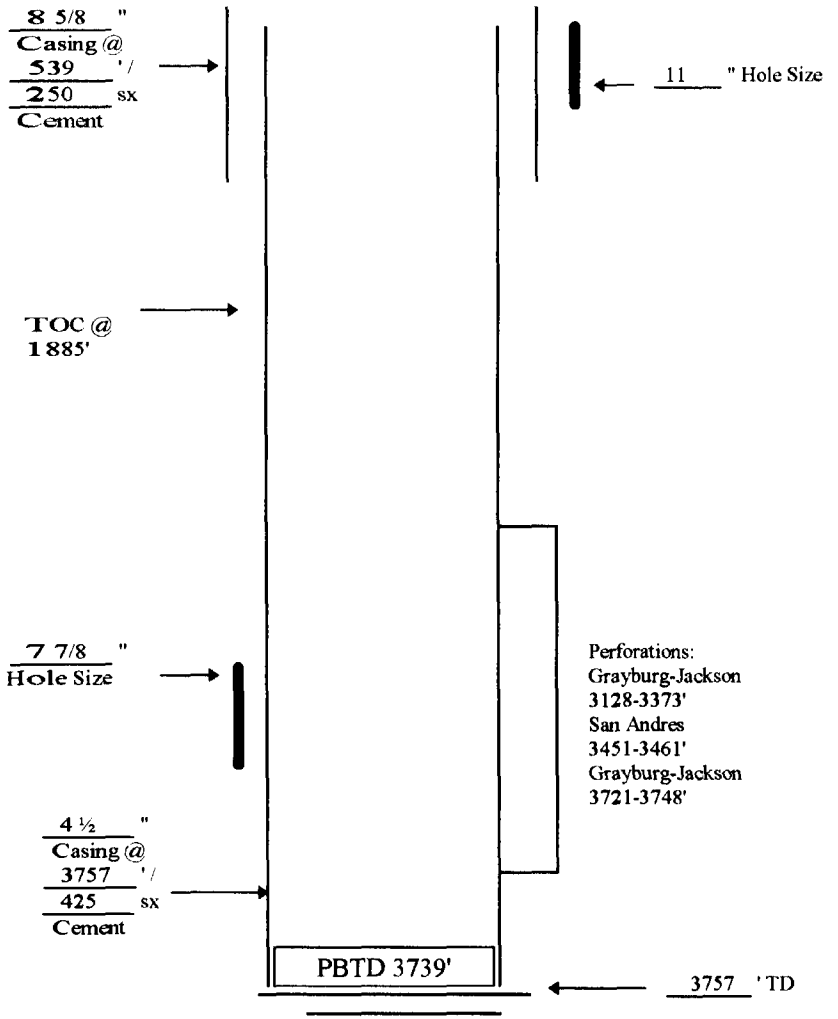
1. Is this a new well drilled for injection? ____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3200'-3800'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. ____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #43 | 765' FNL, 2058' FWL, Unit C (FOOTAGE LOCATION) | 22 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 539 '
Size 8 5/8 " Cemented with 250 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3757 '
Size 4 ½ " Cemented with 425 sx.
TOC 1885 feet determined by Temp Survey
Hole Size 7 7/8 "
Total Depth 3757 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with _____ set in a
(type of internal coating)
_____ packer at 3453 feet

Other type of tubing / casing seal if applicable _____

Other Data

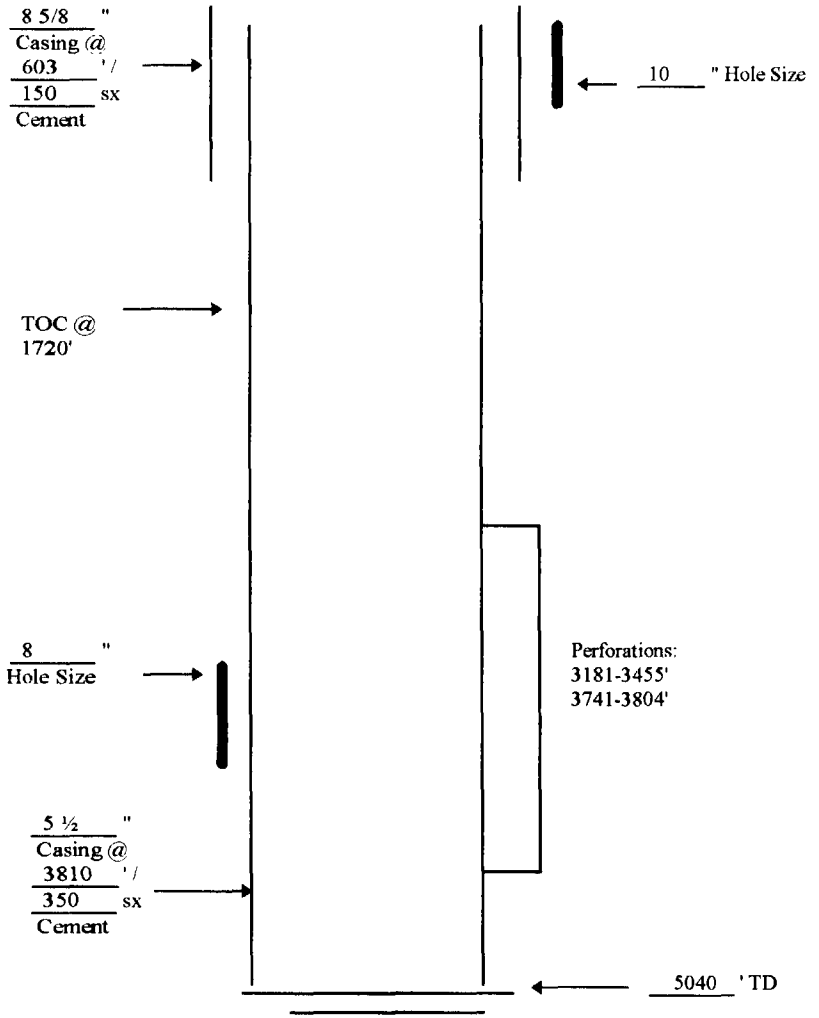
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3128-3373', 3451-3461', 3721'-3748'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #45 — 1980' FNL, 1980' FEL, Unit G (FOOTAGE LOCATION) — 22 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 603 '
Size 8 5/8 " Cemented with 150 sx.
TOC Surface feet determined by
Hole Size 10 "

Intermediate Casing
Size " Cemented with sx.
TOC feet determined by
Hole Size "

Long String Set @ 3810 '
Size 5 ½ " Cemented with 350 sx.
TOC 1720 feet determined by Cement Bond Log
Hole Size 8 "
Total Depth 5040 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with (type of internal coating) set in a packer at 3739 feet

Other type of tubing / casing seal if applicable

Other Data

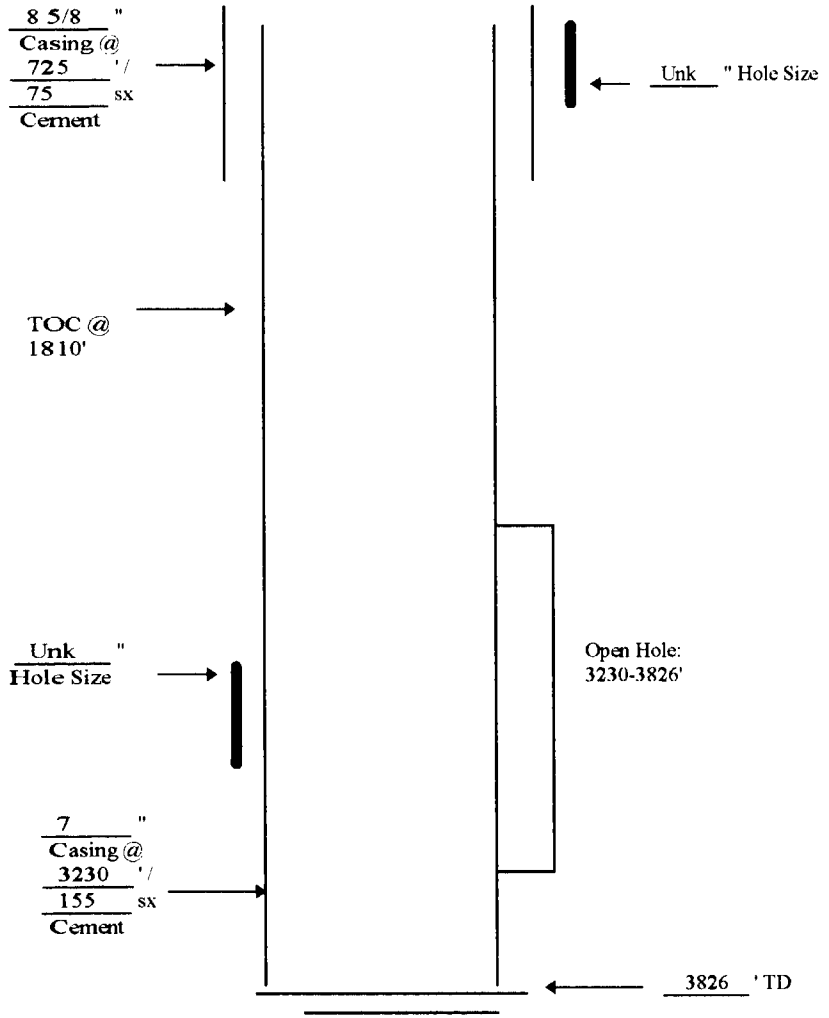
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3181'-3455', 3741-3804'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #47 | 1980' FNL, 660' FWL, Unit E (FOOTAGE LOCATION) | 23 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 725 '
Size 8 5/8 " Cemented with 75 sx.
TOC Surface feet determined by _____
Hole Size Unknown "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3230 '
Size 7 " Cemented with 155 sx.
TOC 1810 feet determined by Temp Survey
Hole Size Unknown "
Total Depth 3826 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3653 feet
Other type of tubing / casing seal if applicable _____

Other Data

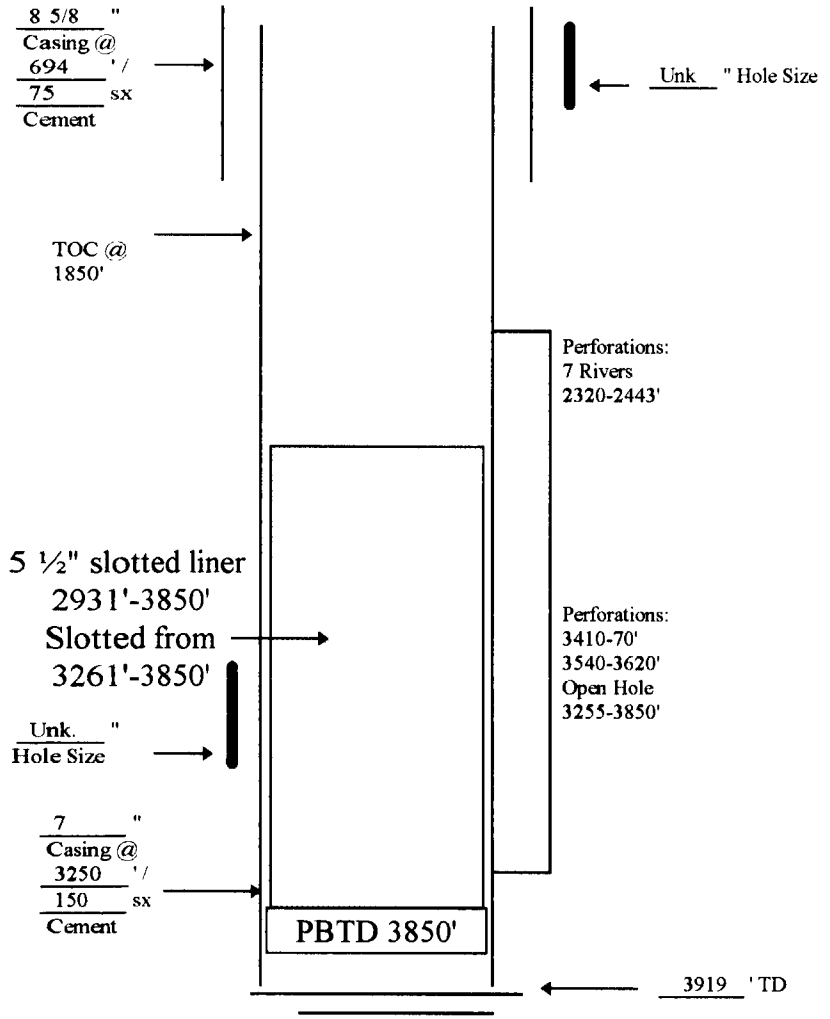
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 _____
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #49 — 1980' FNL, 1980' FEL, Unit G (FOOTAGE LOCATION) — 23 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 694 '
Size 8 5/8 " Cemented with 75 sx.
TOC Surface feet determined by ____
Hole Size Unknown "

Intermediate Casing
Size ____ " Cemented with ____ sx.
TOC ____ feet determined by ____
Hole Size ____ "

Long String Set @ 3250 '
Size 7 " Cemented with 150 sx.
TOC 1850 feet determined by Temp Survey
Hole Size Unknown "
Total Depth 3919' '

Injection Interval
____ feet to ____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with ____ set in a
(type of internal coating)
____ packer at 3919 feet
Other type of tubing / casing seal if applicable ____

Other Data

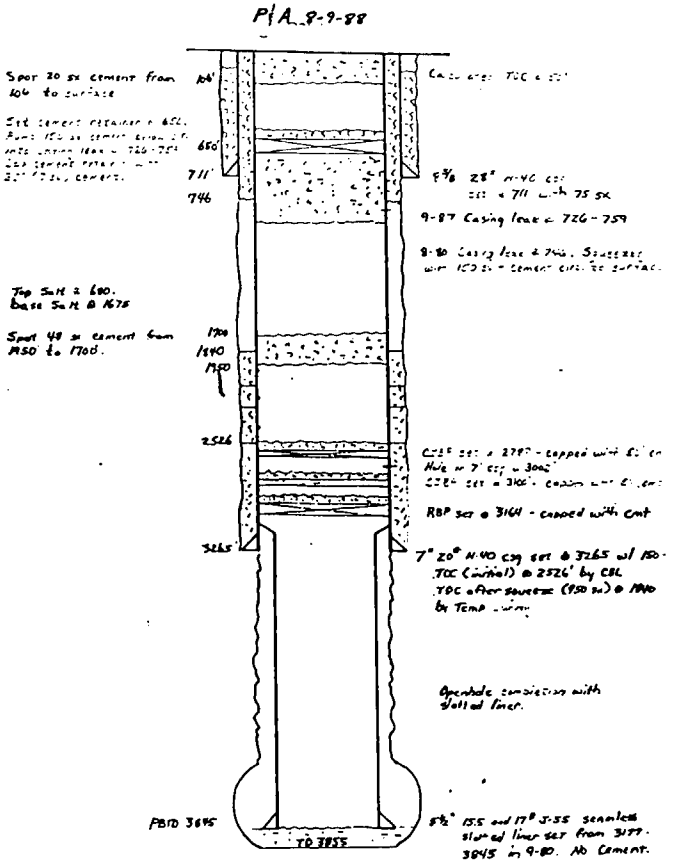
1. Is this a new well drilled for injection? ____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 2-1-45
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 2320-2443'; 3410-70'; 3540-3620'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. 7 Rivers

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #50 | 1980' FNL, 660' FEL, Unit H (FOOTAGE LOCATION) | 23 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 711 '
Size 8 5/8 " Cemented with 75 sx.
TOC Surface feet determined by _____
Hole Size Unknown "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3265 '
Size 7 " Cemented with 150 sx.
TOC 1720 feet determined by Temp. Survey
Hole Size Unknown "
Total Depth 3855 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size _____ " lined with _____ set in a
(type of internal coating)
_____ packer at _____ feet

Other type of tubing / casing seal if applicable _____

Other Data

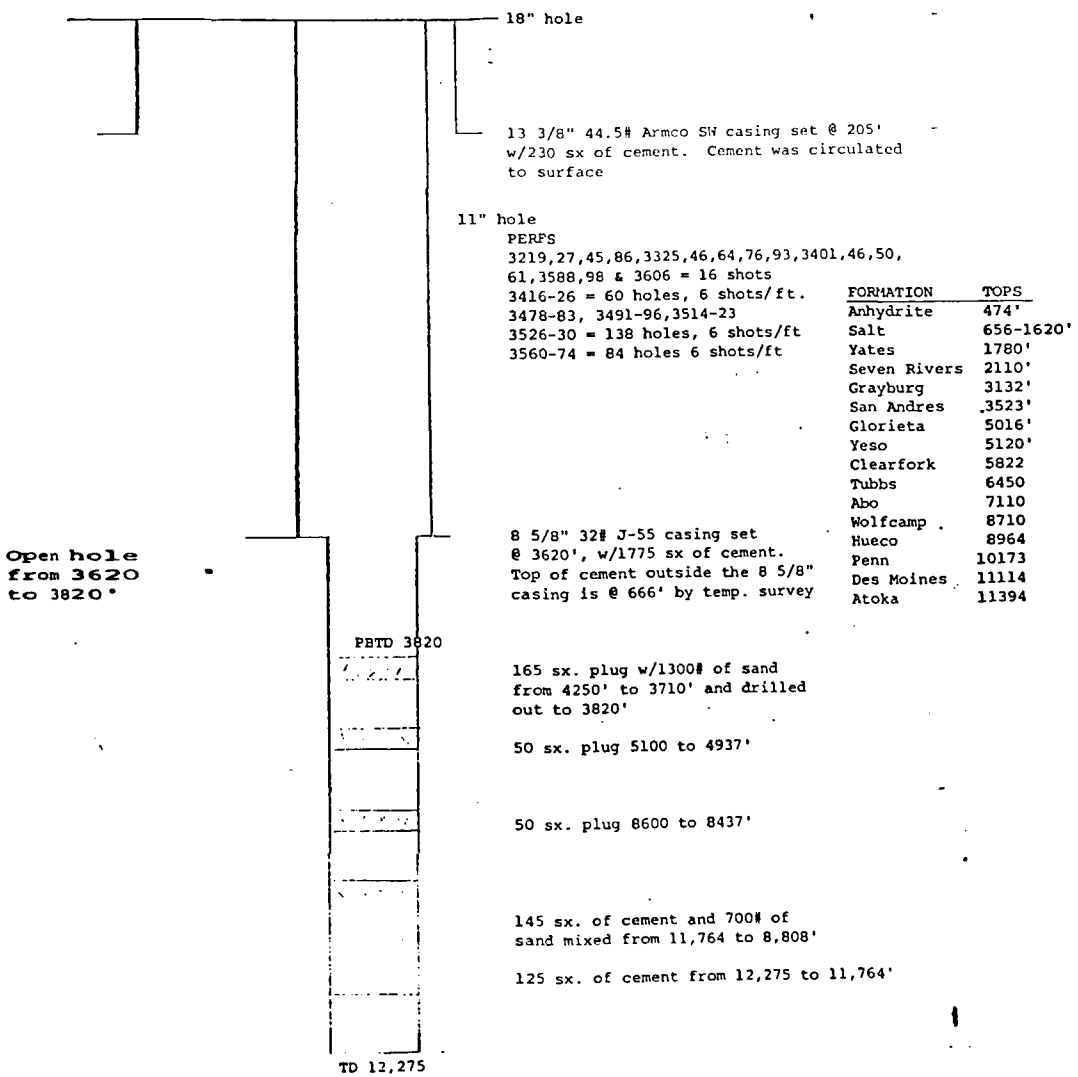
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 5-1-45 -- P&A 8-9-88
   Wiser plans to re-enter this well and complete as WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 _____
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #51 | 1980' FSL, 660' FEL, Unit I (FOOTAGE LOCATION) | 22 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



FORMATION	TOPS
Anhydrite	474'
Salt	656-1620'
Yates	1780'
Seven Rivers	2110'
Grayburg	3132'
San Andres	3523'
Glorieta	5016'
Yeso	5120'
Clearfork	5822
Tubbs	6450
Abo	7110
Wolfcamp	8710
Hueco	8964
Penn	10173
Des Moines	11114
Atoka	11394

Well Construction Data

Surface Casing Set @ 202 '
Size 13 3/8" Cemented with 230 sx
TOC Surface feet determined by
Hole Size 18"

Intermediate Casing Set @ 3620'
Size 8 5/8" Cemented with 1775 sx
TOC feet determined by
Hole Size 11"

Long String Set @ 12,275 '
Size 5 ½" Cemented with 1750 sx
TOC 666' feet determined by Temp Survey
Hole Size 7 7/8"
Total Depth 12,275 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size 2 7/8" lined with (type of internal coating) set
packer at 3756 feet
Other type of tubing / casing seal if applicable

Other Data

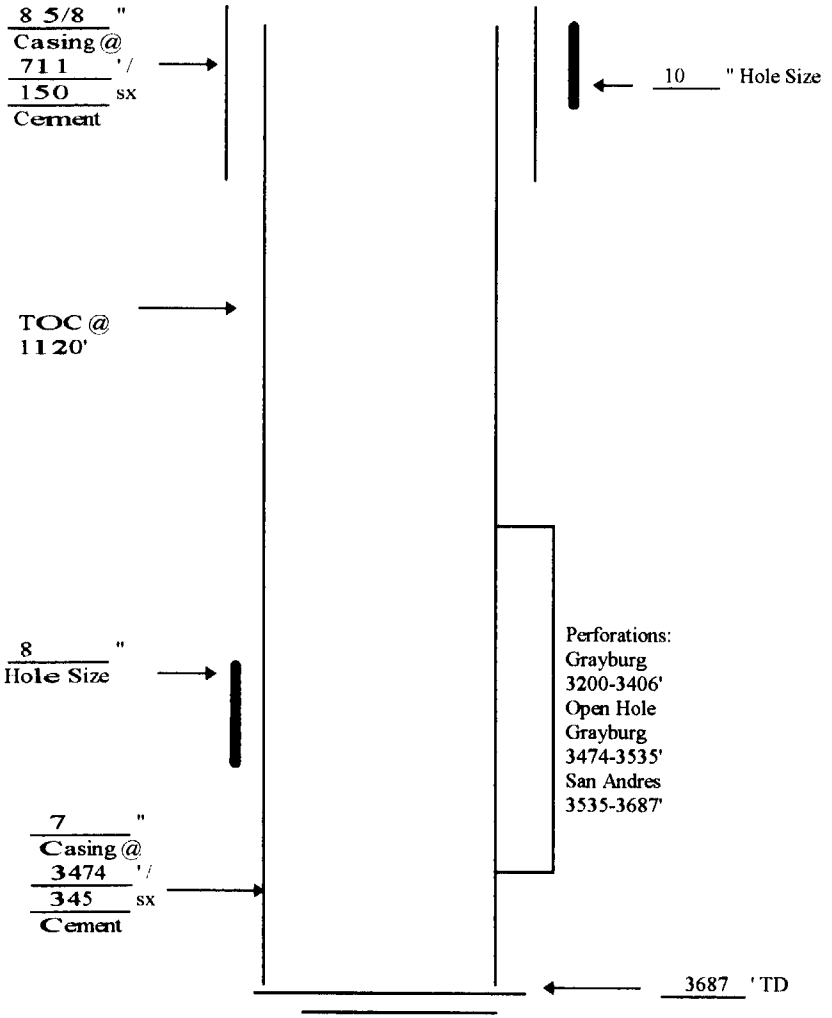
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. *Name of Field or Pool (if applicable)* *Grayburg Jackson 7-Rivers-QN-GB-SA*
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 3574'-3650, 3620-3803', 3219-3606'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #55 | 660' FSL, 660' FWL, Unit M (FOOTAGE LOCATION) | 22 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 711 '
Size 8 5/8 " Cemented with 150 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3474 '
Size 7 " Cemented with 345 sx.
TOC 1120 feet determined by Cement Bond Log
Hole Size 8 "
Total Depth 3687 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3679 feet
Other type of tubing / casing seal if applicable _____

Other Data

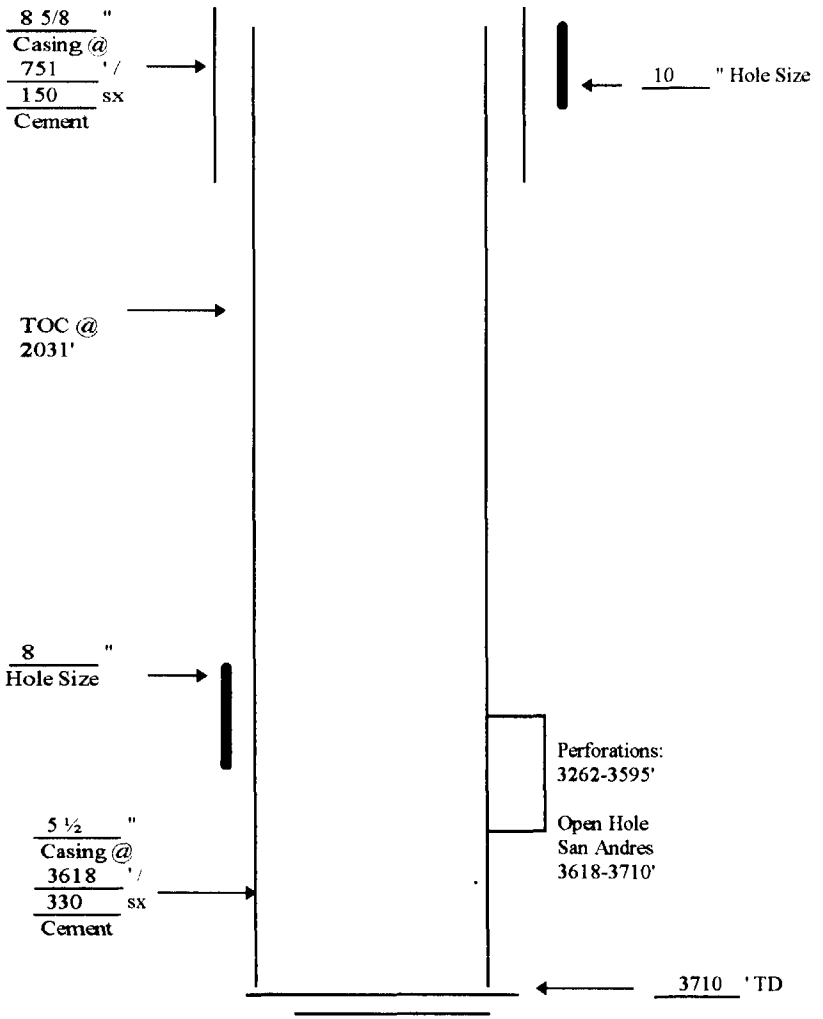
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3200-3406'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #57 | 1980' FEL, 660' FSL, Unit O (FOOTAGE LOCATION) | 22 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 751 '
Size 8 5/8 " Cemented with 150 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3618 '
Size 5 ½ " Cemented with 330 sx.
TOC 2031 feet determined by Calculation
Hole Size 8 "
Total Depth 3710 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size _____ " lined with _____ set in a
(type of internal coating)
_____ packer at _____ feet

Other type of tubing / casing seal if applicable _____

Other Data

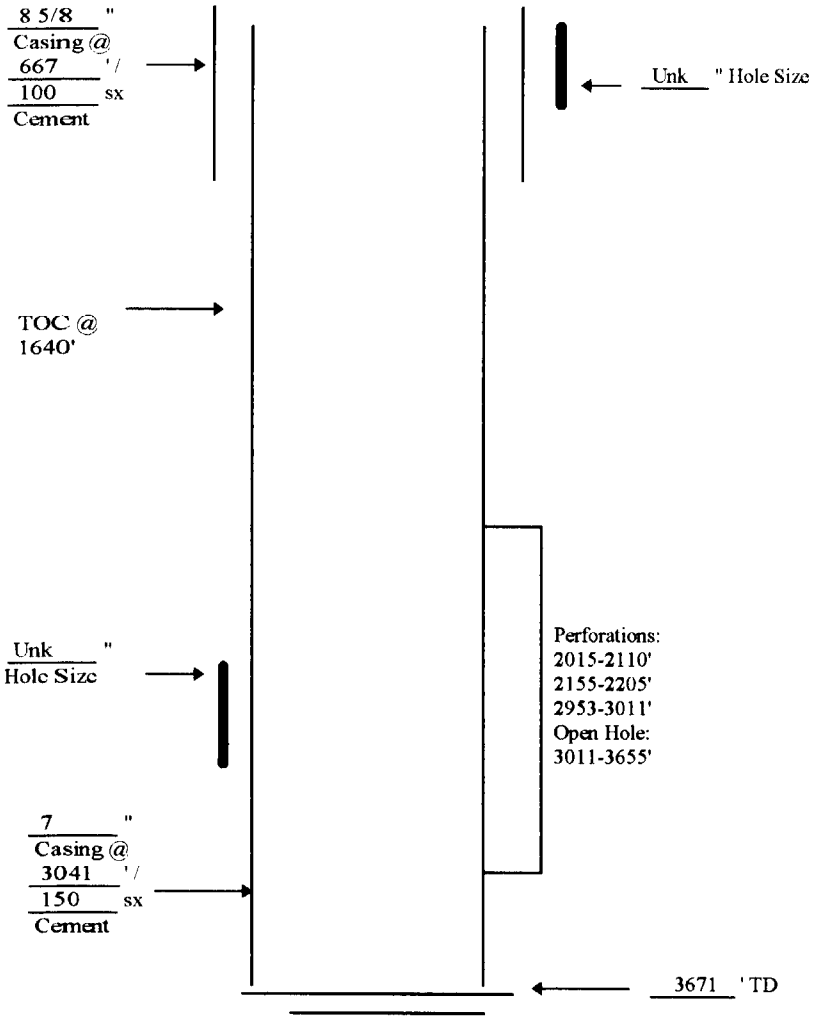
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 2-16-59
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3262-3595'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #59 | 660' FNL, 660' FEL, Unit A (FOOTAGE LOCATION) | 21 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 667 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size _____ "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3011 '
Size 7 " Cemented with 150 sx.
TOC 1640 feet determined by Temp Survey
Hole Size _____ "
Total Depth 3671 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3387 feet
Other type of tubing / casing seal if applicable _____

Other Data

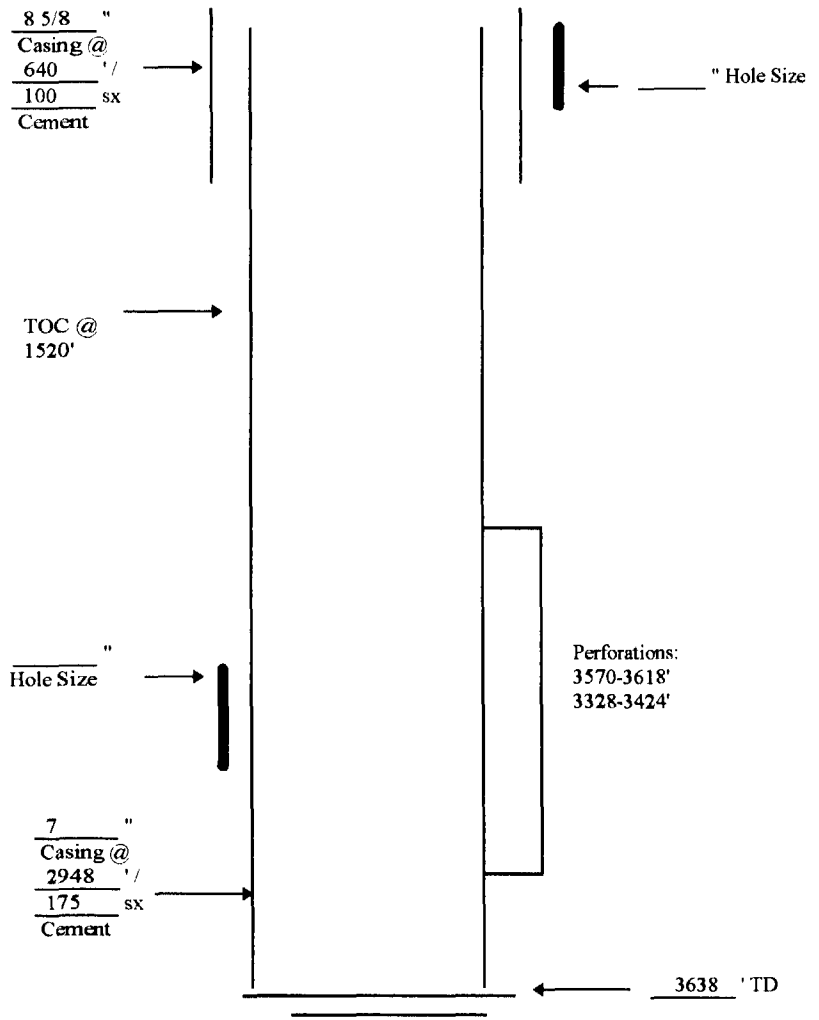
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 2015-2110'; 2155-2205'; 2953-3011'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Fren Paddock & Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #60 | FOOTAGE LOCATION: 660' FNL, 1980' FEL, Unit B | SECTION: 21 | TOWNSHIP: 17S | RANGE: 31E

Schematic



Well Construction Data

Surface Casing Set @ 640 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size _____ "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 2948 '
Size 7 " Cemented with 175 sx.
TOC 1520 feet determined by Temp Survey
Hole Size _____ "
Total Depth 3638 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size _____ " lined with _____ set in a
(type of internal coating)
_____ packer at _____ feet
Other type of tubing / casing seal if applicable _____

Other Data

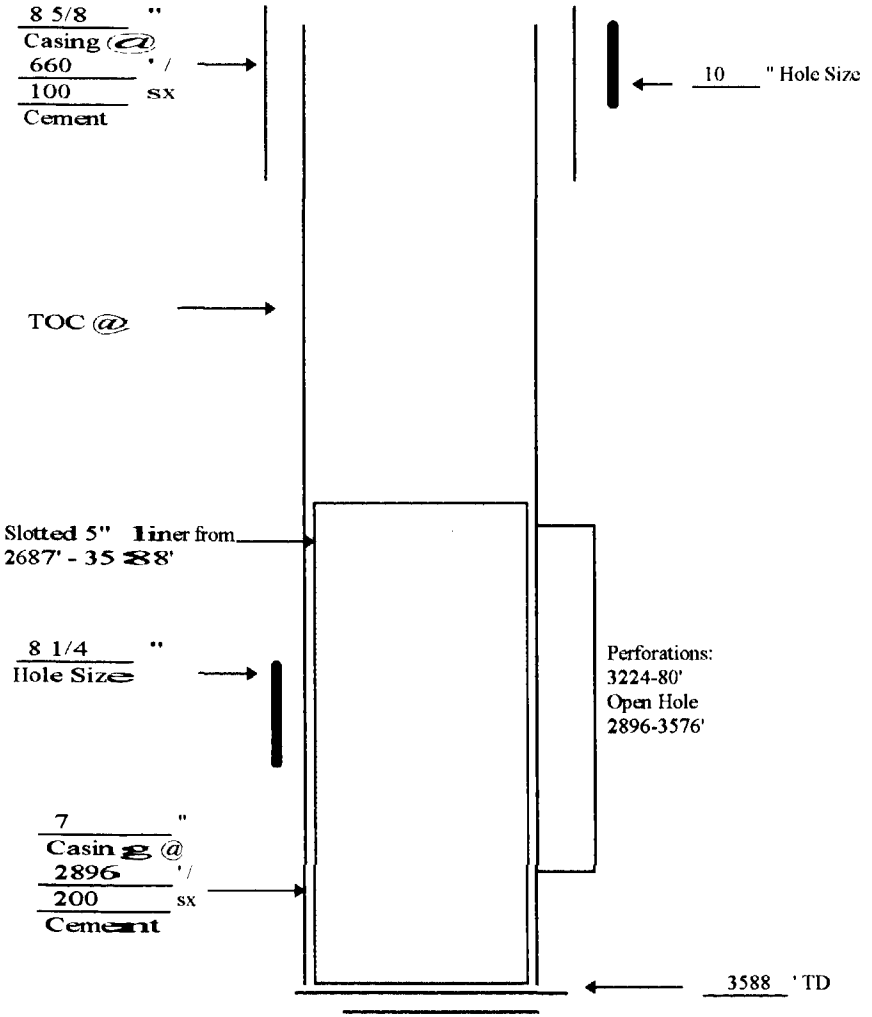
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3570-3618', 3328-3424'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Fren Paddock & Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #61 | 660' FNL, 1980' FWL, Unit C (FOOTAGE LOCATION) | 21 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 660 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 2896 '
Size 7 " Cemented with 200 sx.
TOC _____ feet determined by _____
Hole Size 8 ¼ "
Total Depth 3588 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 7/8 " lined with _____ set in a
(type of internal coating)
Robinson formation packer at 3345 feet
Other type of tubing / casing seal if applicable _____

Other Data

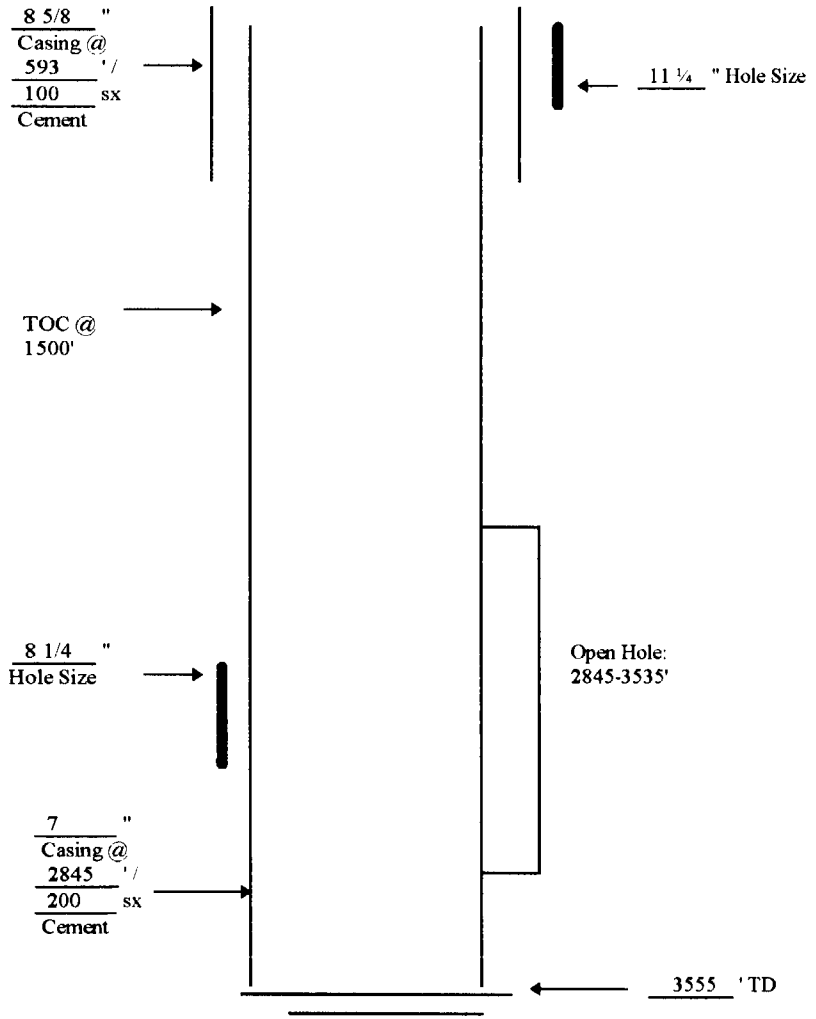
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. *Name of Field or Pool (if applicable)* *Grayburg Jackson 7-Rivers-QN-GB-SA*
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 3224-80'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #62 | 660' FNL, 660' FWL, Unit D (FOOTAGE LOCATION) | 21 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 593 '
Size 8 5/8 " Cemented with 150 sx.
TOC Surface feet determined by _____
Hole Size 11 ¼ "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 2845 '
Size 7 " Cemented with 200 sx.
TOC 1500 feet determined by Temp Survey
Hole Size 8 ¼ "
Total Depth 3555 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
American Flow packer at 3421 feet
Other type of tubing / casing seal if applicable _____

Other Data

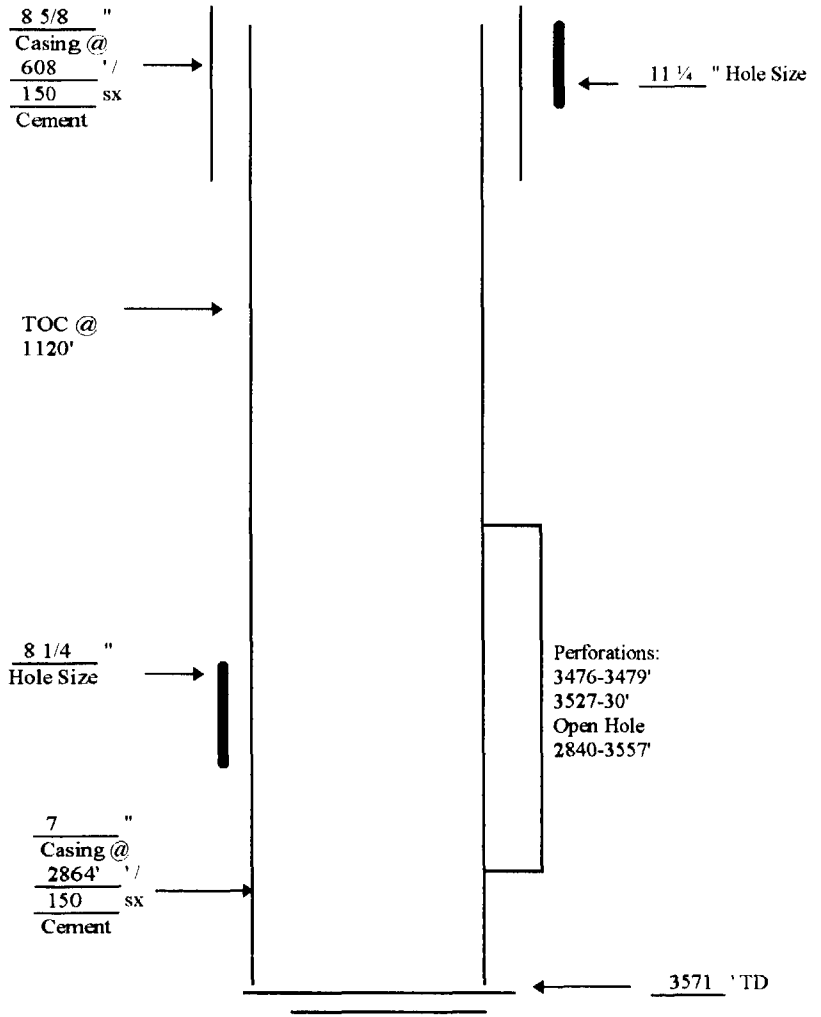
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 _____
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #63 | 1980' FNL, 660' FWL, Unit E (FOOTAGE LOCATION) | 21 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 608 '
Size 8 5/8 " Cemented with 150 sx.
TOC Surface feet determined by _____
Hole Size 11 ¼ "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 2864 '
Size 7 " Cemented with 150 sx.
TOC 1120 feet determined by Temp. Survey
Hole Size 8 ¼ "
Total Depth 3571 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3511 feet

Other type of tubing / casing seal if applicable _____

Other Data

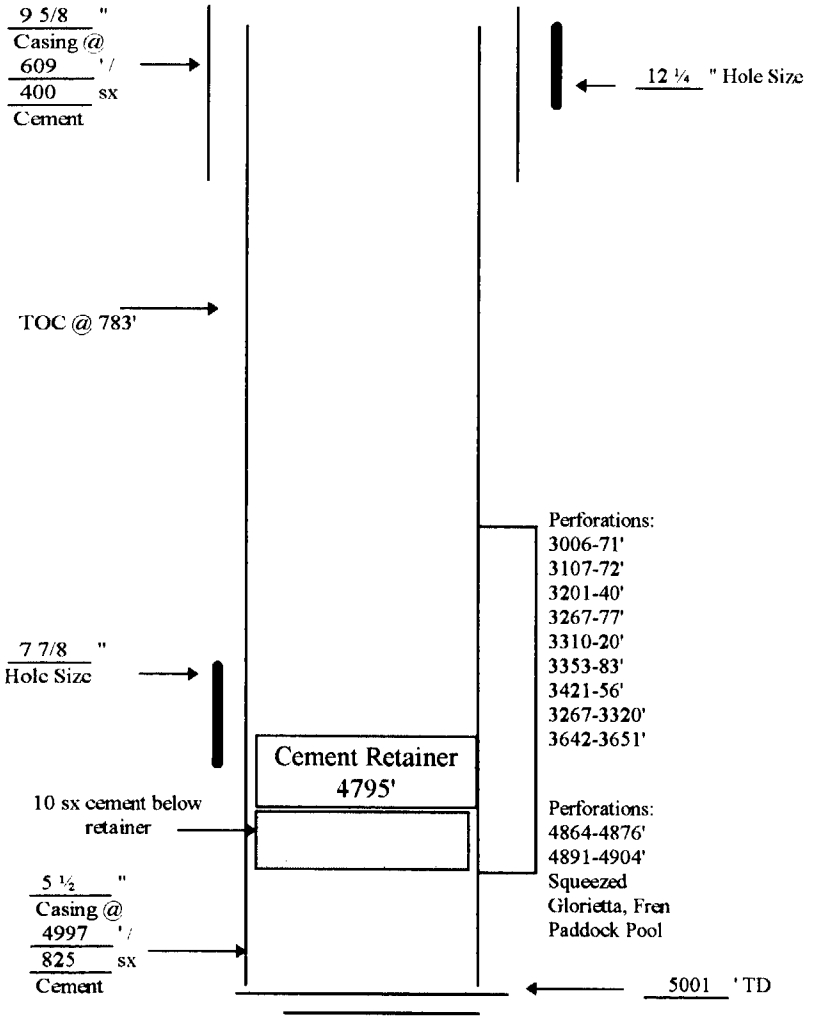
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3476-3479', 3527-30'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #65 | FOOTAGE LOCATION: 2080' FNL, 1980' FEL, Unit G | SECTION: 21 | TOWNSHIP: 17S | RANGE: 31E

Schematic



Well Construction Data

Surface Casing Set @ 609 '
Size 9 5/8 " Cemented with 400 sx.
TOC Surface feet determined by
Hole Size 12 ¼ "

Intermediate Casing
Size " Cemented with sx.
TOC feet determined by
Hole Size "

Long String Set @ 4997 '
Size 5 ½ " Cemented with 825 sx.
TOC feet determined by
Hole Size 7 7/8 "
Total Depth 5001 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with (type of internal coating) set in a packer at 3247 feet

Other type of tubing / casing seal if applicable

Other Data

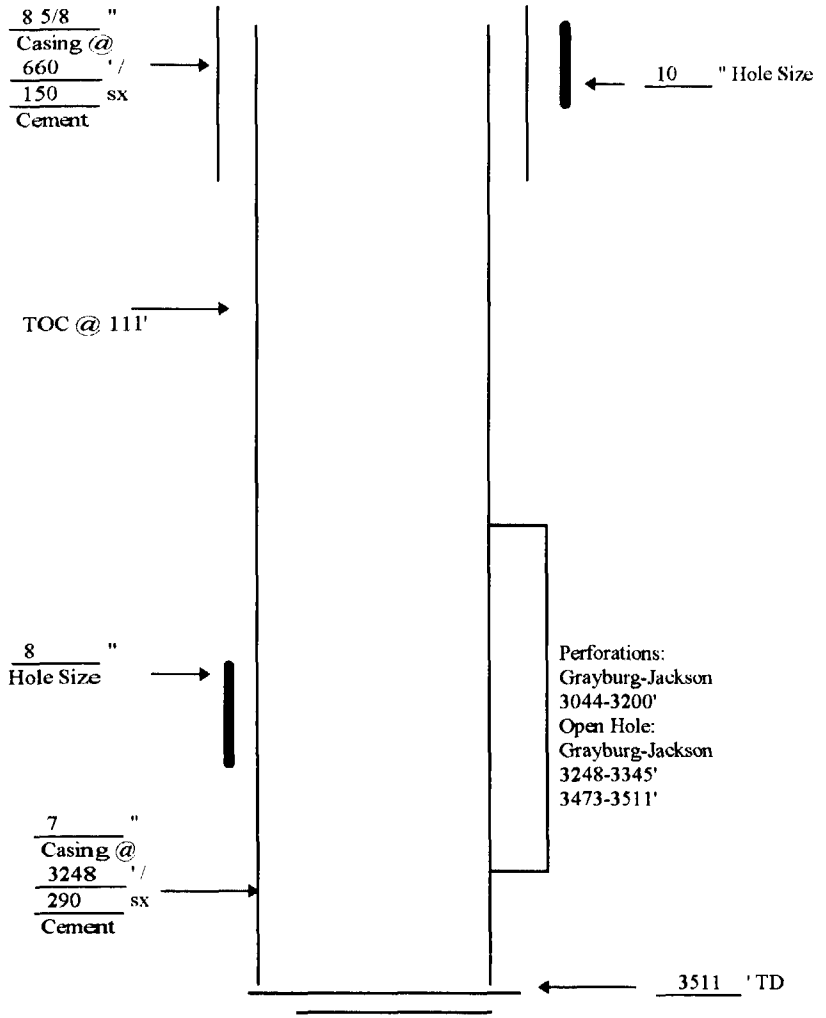
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3006-3240, 3267-3320', 3353-3456, 3642-3651', 4864-4904'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Glorietta-Fren Paddock & Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #68 — 1650' FSL, 1980' FWL, Unit K (FOOTAGE LOCATION) — 21 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 660 '
Size 8 5/8 " Cemented with 150 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3248 '
Size 7 " Cemented with 290 sx.
TOC 111 feet determined by Calculation
Hole Size 8 "
Total Depth 3511 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3473 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3248-3345', 3044-3200'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

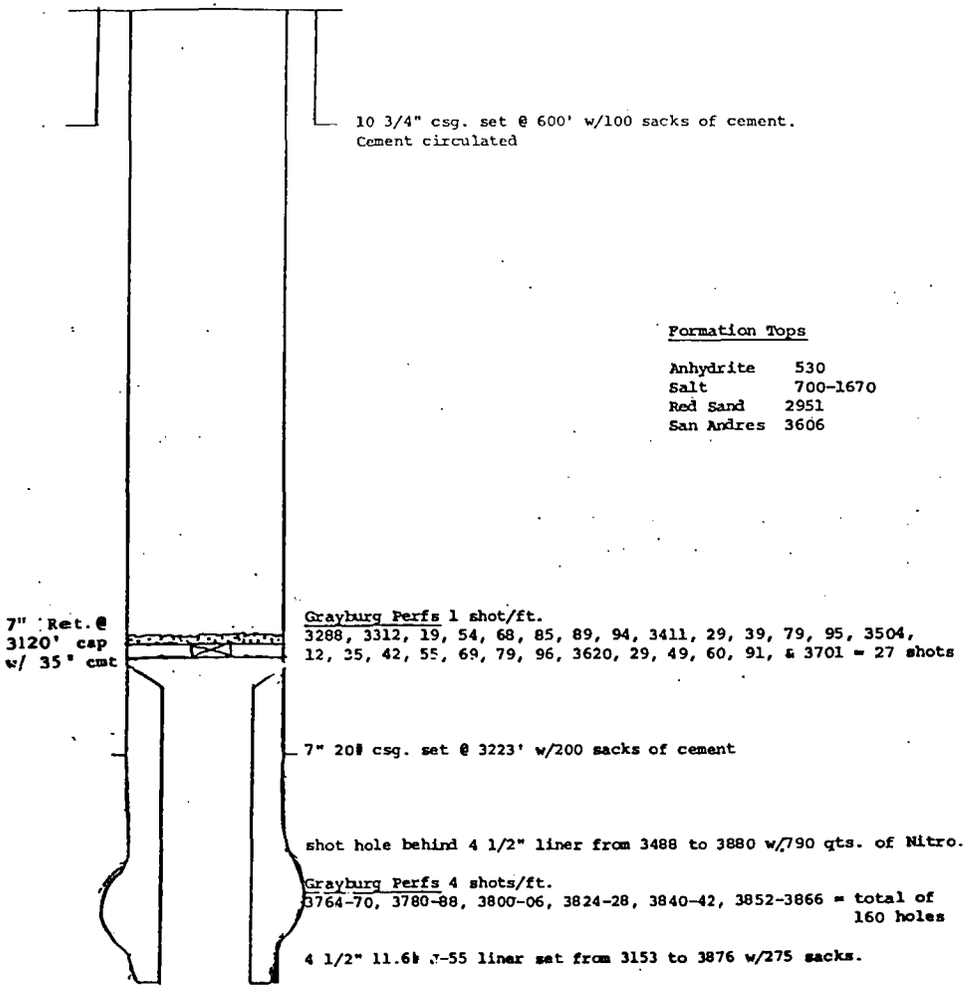
INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company LEASE: Skelly Unit

WELL NO.: #70 1980' FSL, 660' FEL, Unit I 23 17S 31E

FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

Surface Casing Set @ 600 '
Size 10 ¾ " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size 13 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3223 '
Size 7 " Cemented with 200 sx.
TOC 2133 feet determined by Calculation
Hole Size 8 7/8 "
Total Depth 3890 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3690 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 11-24-40 - TA 5-12-92
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3288-3701'; 3764-3866'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

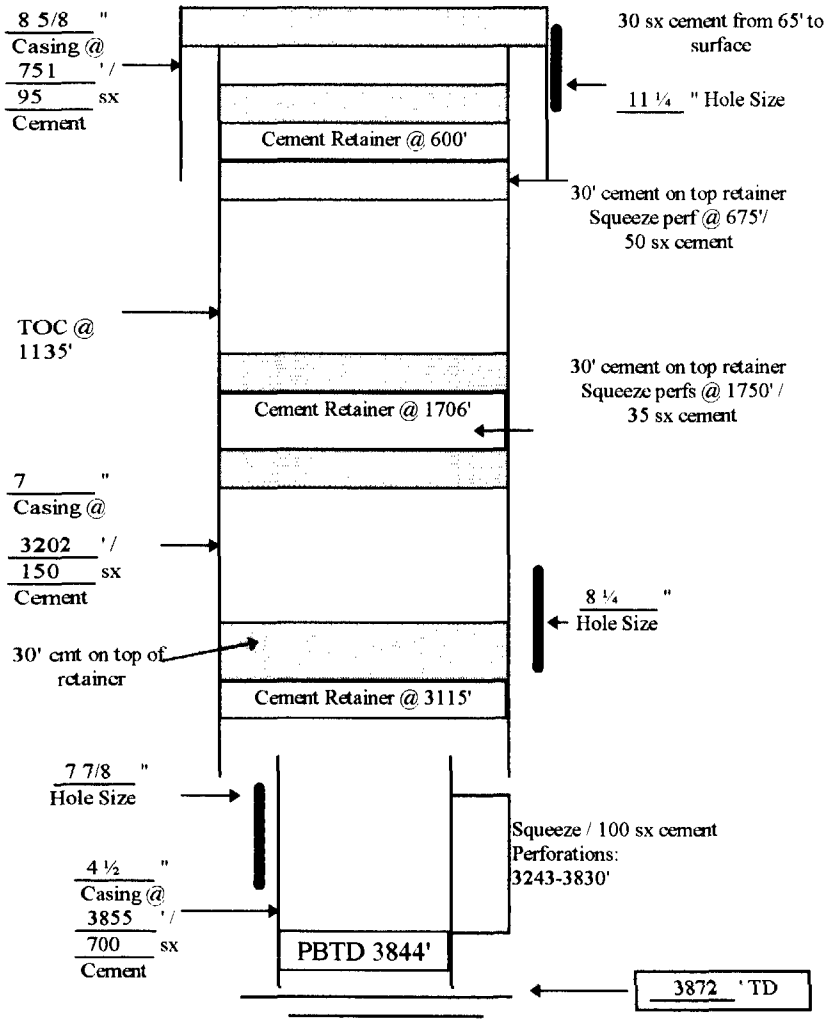
INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Company LEASE Skelly Unit

WELL NO. #71 | 1980' FSL, 1980' FEL, Unit J | 23 | 17S | 31E

FOOTAGE LOCATION | SECTION | TOWNSHIP | RANGE

Schematic



Well Construction Data

Surface Casing Set @ 751 '
Size 8 5/8 " Cemented with 95 sx.
TOC Surface feet determined by
Hole Size 11 ¼ "

Intermediate Casing Set @ 3202 '
Size 7 " Cemented with 150 sx.
TOC feet determined by
Hole Size 8 ¼ "

Long String Set @ 3855 '
Size 4 ½ " Cemented with 700 sx.
TOC 1135 feet determined by Calculation
Hole Size 7 7/8 "
Total Depth 3872 '

Injection Interval
3243 feet to 3830 feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3161 feet

Other type of tubing / casing seal if applicable _____

Other Data

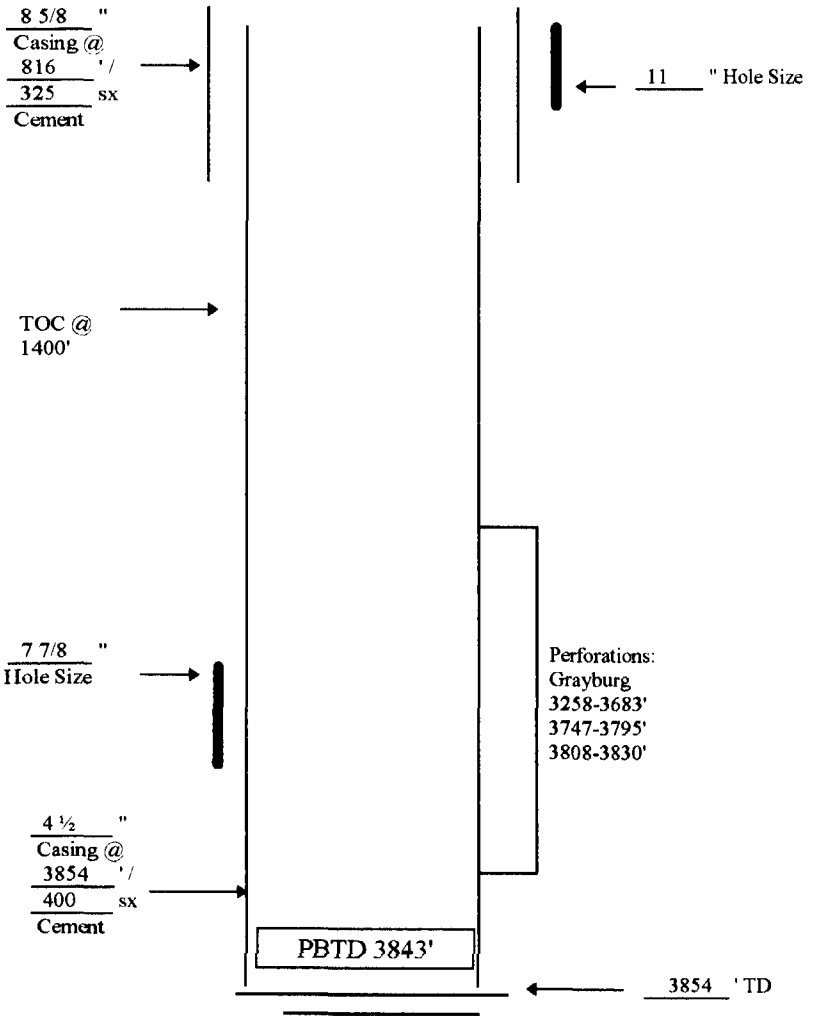
1. Is this a new well drilled for injection? ____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production—Converted to WIW 3-13-68 P&A 4-27-82
   Wiser plans to re-enter this well and complete as WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3243-3830'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #72 — FOOTAGE LOCATION: 1980' FSL, 1980' FWL, Unit K — SECTION: 23 — TOWNSHIP: 17S — RANGE: 31E

Schematic



Well Construction Data

Surface Casing Set @ 816 '
Size 8 5/8 " Cemented with 325 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3854 '
Size 4 ½ " Cemented with 400 sx.
TOC 1400 feet determined by Temp Survey
Hole Size 7 7/8 "
Total Depth 3854 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3570 feet

Other type of tubing / casing seal if applicable _____

Other Data

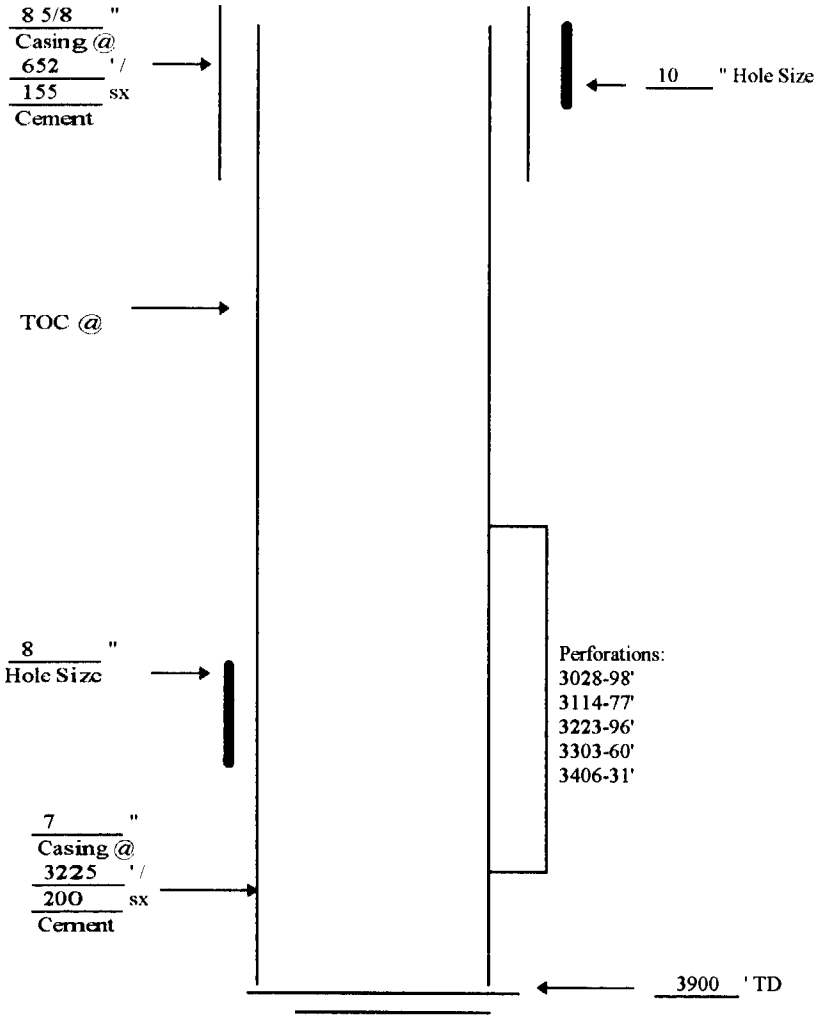
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3808-3830', 3747-3795', 3258-3683
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #74 | 530' FSL, 330' FWL, Unit M (FOOTAGE LOCATION) | 21 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 652 '
Size 8 5/8 " Cemented with 155 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3225 '
Size 7 " Cemented with 200 sx.
TOC _____ feet determined by _____
Hole Size 8 "
Total Depth 3900 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 7/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3340 feet
Other type of tubing / casing seal if applicable _____

Other Data

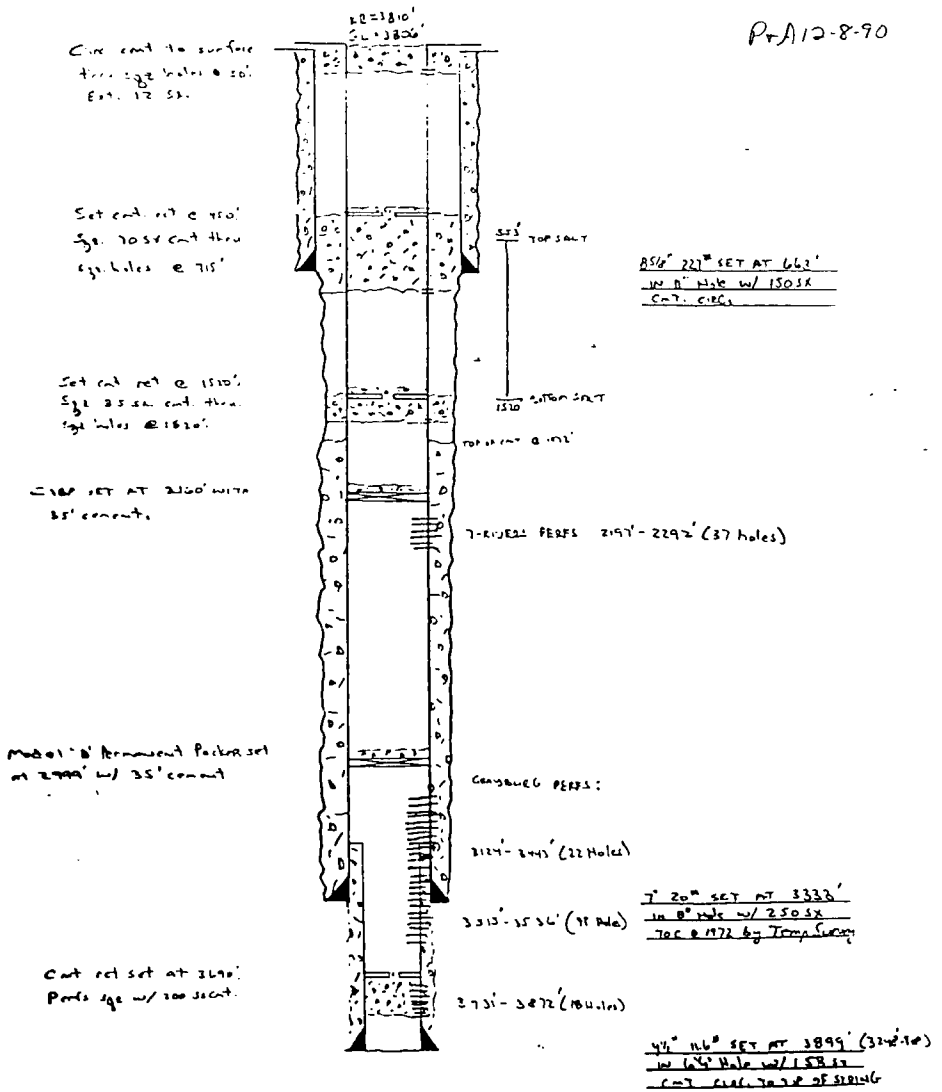
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3028-98', 3114-77', 3223-96', 3303-60', 3406-31'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #76 | 720' FSL, 1980' FEL, Unit O (FOOTAGE LOCATION) | 21 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 663 '
Size 8 5/8 " Cemented with 150 s
TOC Surface feet determined by
Hole Size 10 "

Intermediate Casing Set @ 3333 '
Size 7 " Cemented with 250 s
TOC feet determined by
Hole Size 8 ¼ "

Long String Set @ 3900 '
Size 4 ½ " Cemented with 138 s
TOC 2882 feet determined by Calculation
Hole Size 6 ½ "
Total Depth 3900 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size " lined with set i
(type of internal coating)
packer at feet

Other type of tubing / casing seal if applicable

Other Data

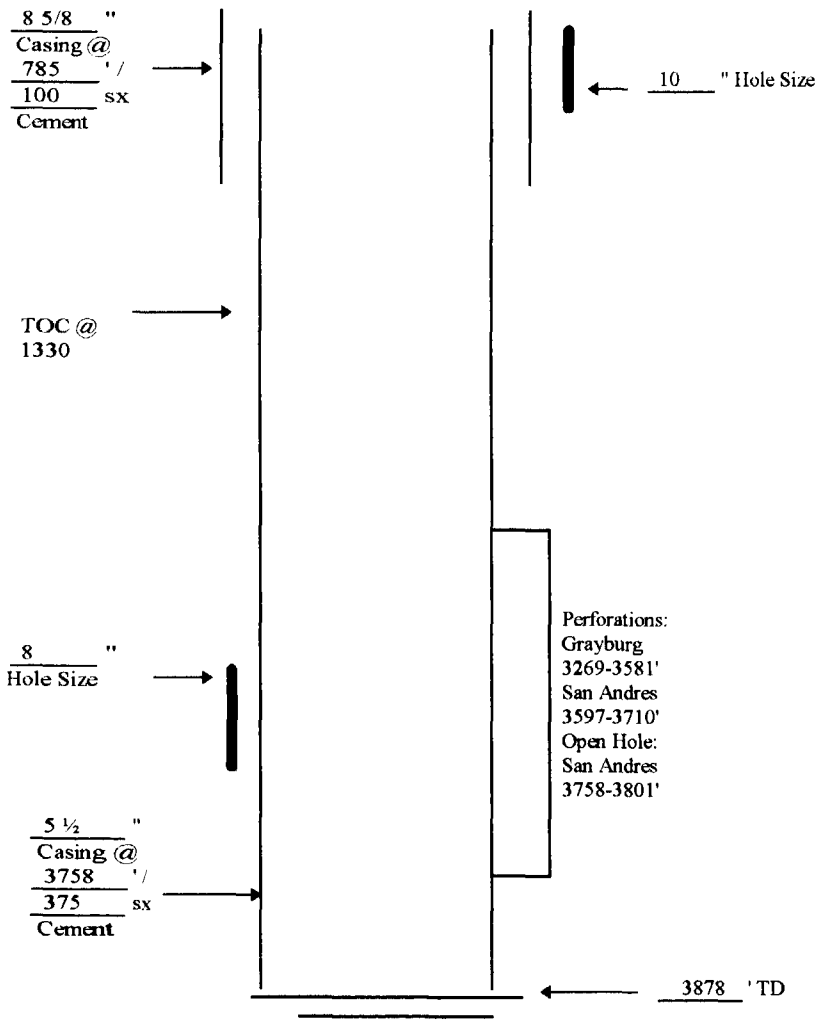
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production—P&A 12-8-90
   Wiser plans to re-enter this well and complete as WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 2205-65', 3120-3565', 3731-94', 3809-72'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #80 — 660' FSL, 1980' FEL, Unit O (FOOTAGE LOCATION) — 23 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 785 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3758 '
Size 5 ½ " Cemented with 375 sx.
TOC 1330 feet determined by Cement Bond Log
Hole Size 8 "
Total Depth 3878 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3833 feet

Other type of tubing / casing seal if applicable _____

Other Data

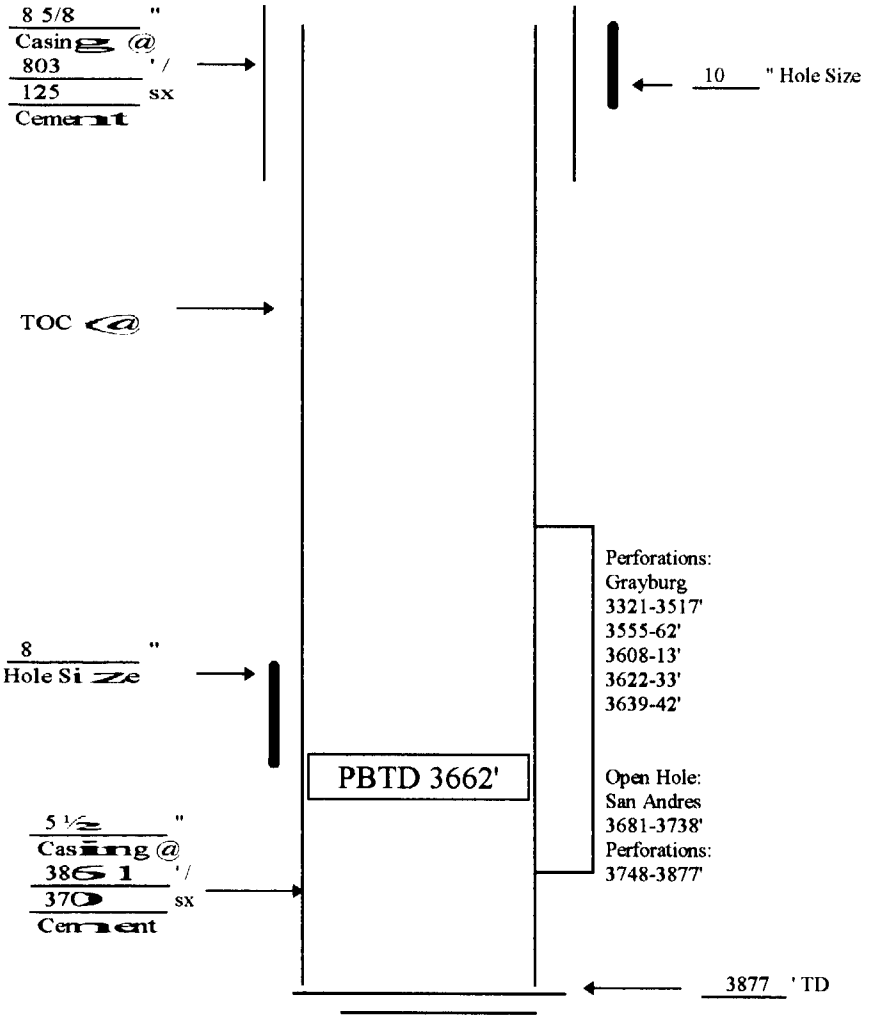
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3597-3710', 3269-3581'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #82 — FOOTAGE LOCATION: 660' FNL, 1980' FWL, Unit C — SECTION: 26 — TOWNSHIP: 17S — RANGE: 31E

Schematic



Well Construction Data

Surface Casing Set @ 803 '
Size 8 5/8 " Cemented with 125 sx.
TOC Surface feet determined by
Hole Size 10 "

Intermediate Casing
Size " Cemented with sx.
TOC feet determined by
Hole Size "

Long String Set @ 3681 '
Size 5 ½ " Cemented with 370 sx.
TOC feet determined by
Hole Size 8 "
Total Depth 3877 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with (type of internal coating) set in a packer at 3619 feet

Other type of tubing / casing seal if applicable

Other Data

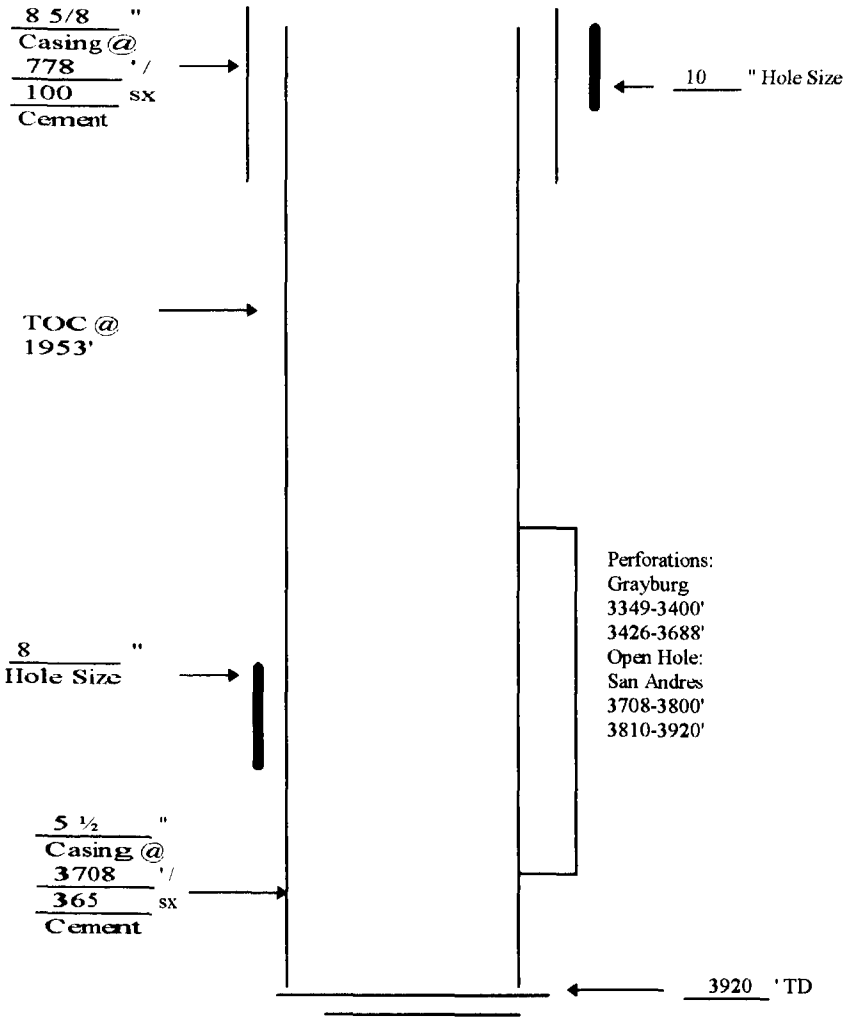
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3321-3517', 3555-3642', 3608-42'; 3748-3877'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #84 | FOOTAGE LOCATION: 660' FNL, 660' FEL, Unit A | SECTION: 27 | TOWNSHIP: 17S | RANGE: 31E

Schematic



Well Construction Data

Surface Casing Set @ 778 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3708 '
Size 5 ½ " Cemented with 365 sx.
TOC 1953 feet determined by Calculation
Hole Size 8 "
Total Depth 3920 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3737 feet
Other type of tubing / casing seal if applicable _____

Other Data

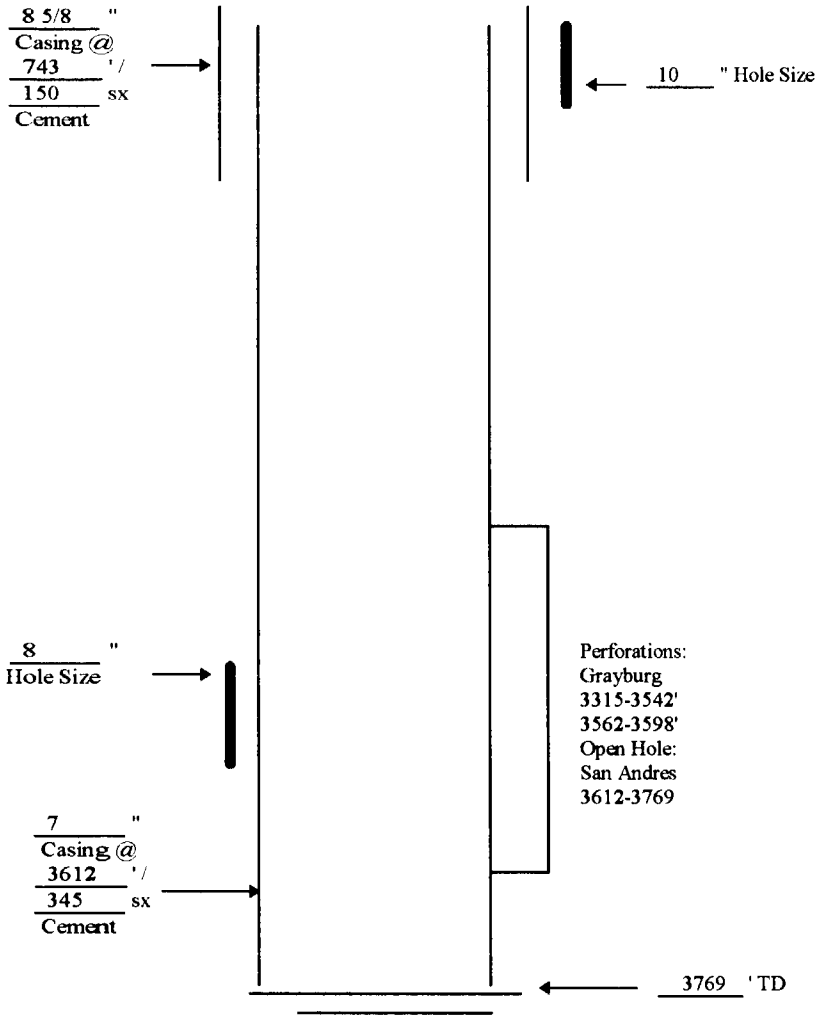
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3426-3688', 3349-3400'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #86 | FOOTAGE LOCATION: 660' FNL, 1900' FWL, Unit C | SECTION: 27 | TOWNSHIP: 17S | RANGE: 31E

Schematic



Well Construction Data

Surface Casing Set @ 743 '
Size 8 5/8 " Cemented with 150 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3612 '
Size 7 " Cemented with 345 sx.
TOC _____ feet determined by _____
Hole Size 8 "
Total Depth 3769 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3573 feet

Other type of tubing / casing seal if applicable _____

Other Data

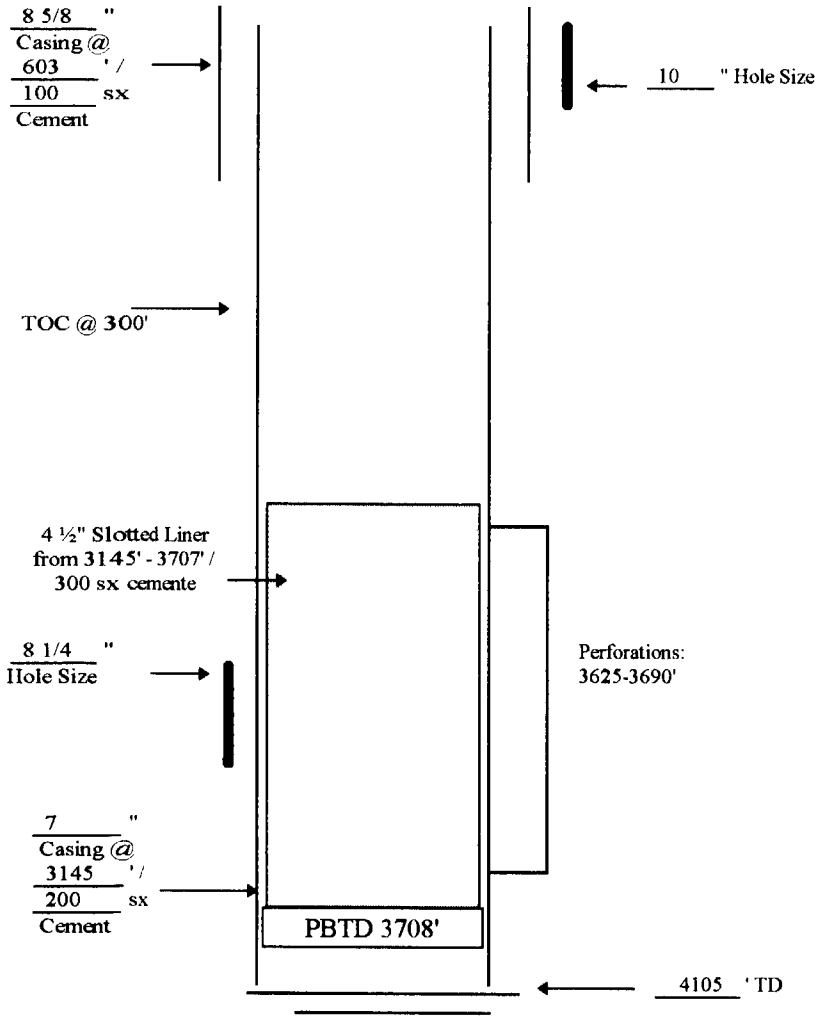
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3315-3542', 3562-3598'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #88 — 660' FNL, 660' FEL, Unit A (FOOTAGE LOCATION) — 28 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 603 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by
Hole Size 10 "

Intermediate Casing
Size " Cemented with sx.
TOC feet determined by
Hole Size "

Long String Set @ 3145 '
Size 7 " Cemented with 200 sx.
TOC 300 feet determined by Cement Bond Log
Hole Size 8 ¼ "
Total Depth 4105 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with (type of internal coating) set in a packer at 3618 feet

Other type of tubing / casing seal if applicable

Other Data

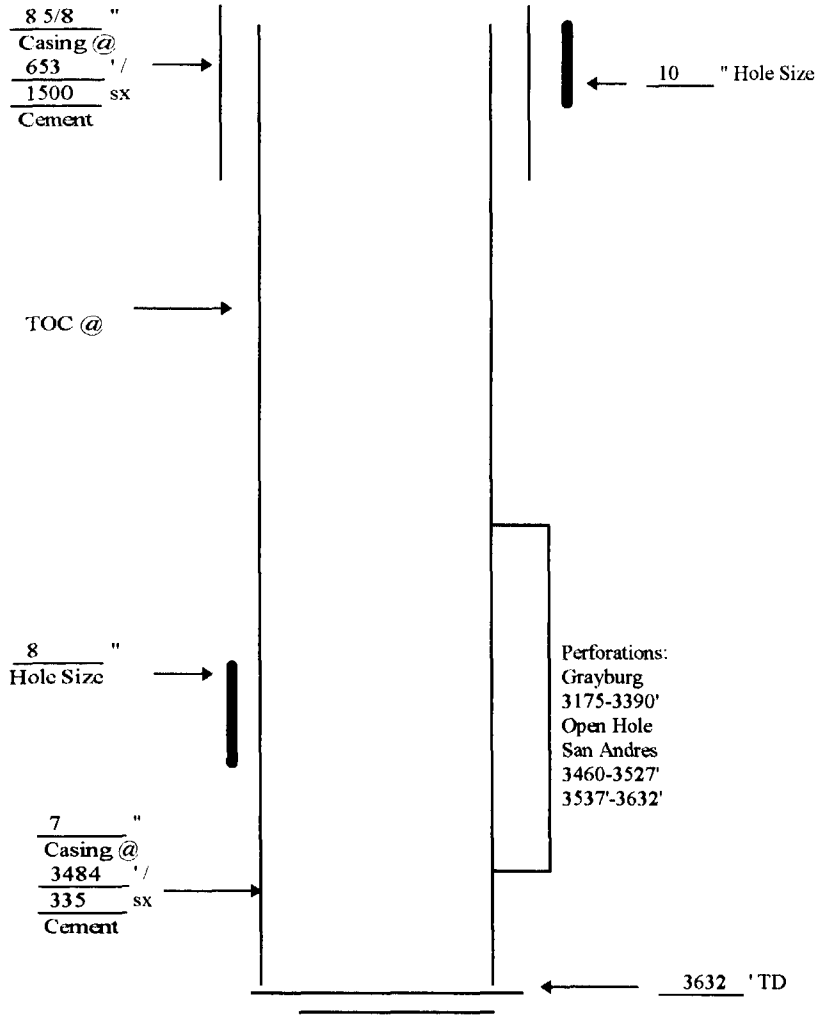
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3625-3690'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #90 | 680' FNL, 1980' FWL, Unit C (FOOTAGE LOCATION) | 28 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing — Set @ 653 '
Size 8 5/8 " Cemented with 150 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String — Set @ 3484 '
Size 7 " Cemented with 335 sx.
TOC _____ feet determined by _____
Hole Size 8 "
Total Depth 3632 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3537 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production-SI
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3175-3390'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

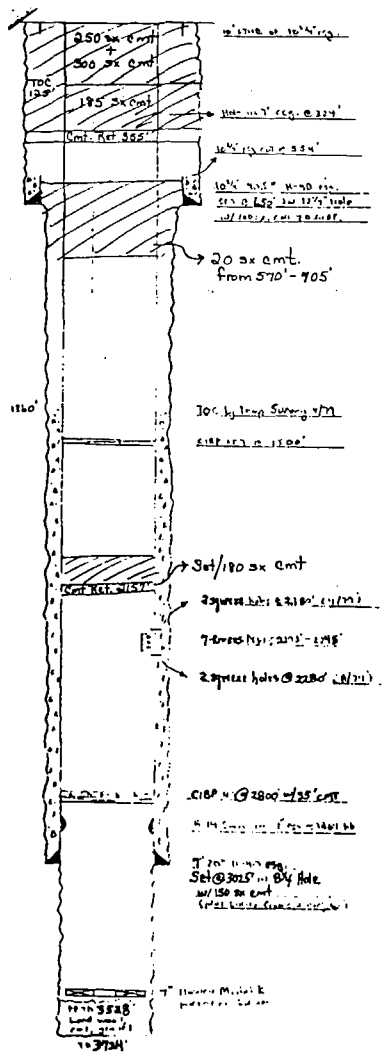
INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Company LEASE Skelly Unit

WELL NO. #91 660' FNL, 660' FWL, Unit D 28 17S 31E

FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



P+A 5-12-90

Well Construction Data

Surface Casing Set @ 650 '

Size 10 ¾ " Cemented with 100 sx.

TOC Surface feet determined by _____

Hole Size 12 ¼ "

Intermediate Casing

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole Size _____ "

Long String Set @ 3025 '

Size 7 " Cemented with 150 sx.

TOC 1360 feet determined by Temp. Survey

Hole Size 8 ¼ "

Total Depth 3724 '

Injection Interval

_____ feet to _____ feet

(perforated or open-hole; Indicate which)

Tubing Size _____ " lined with _____ set in a

(type of internal coating)

_____ packer at _____ feet

Other type of tubing / casing seal if applicable _____

Other Data

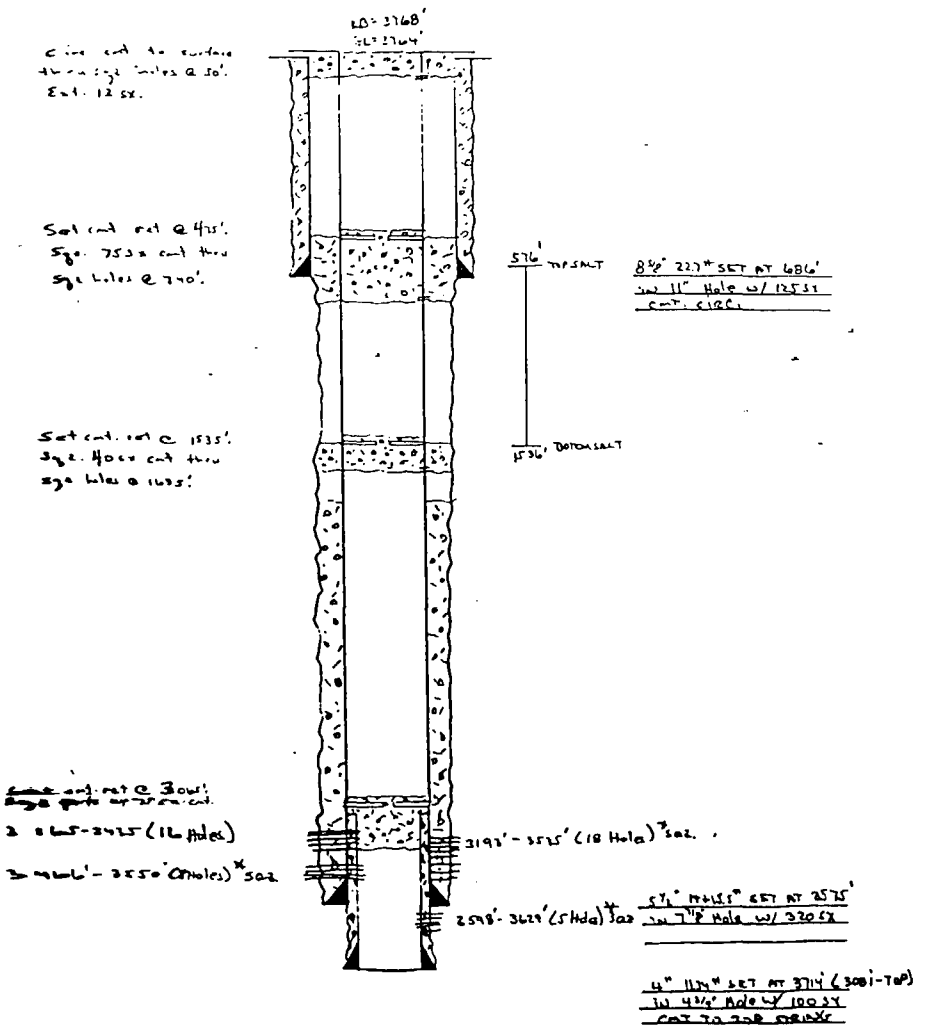
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 11-16-46 -- Conv to WIW 3-31-71 -- P&A 5-12-90
   Wiser plans to re-enter this well and complete as WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 2193-2245'; 3343-65'; 3487-3525'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Company LEASE Skelly Unit

WELL NO. #92 | 1980' FNL, 660' FWL, Unit E (FOOTAGE LOCATION) | 28 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 686 '
Size 8 5/8 " Cemented with 125 sx
TOC Surface feet determined by
Hole Size 10 "

Intermediate Casing
Size " Cemented with sx
TOC feet determined by
Hole Size "

Long String Set @ 3575 '
Size 5 ½ " Cemented with 320 sx
TOC feet determined by
Hole Size 8 "
Total Depth 3720 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 & 2 7/8 " lined with set in
(type of internal coating)
packer at 3411 & 2965 feet

Other type of tubing / casing seal if applicable

Other Data

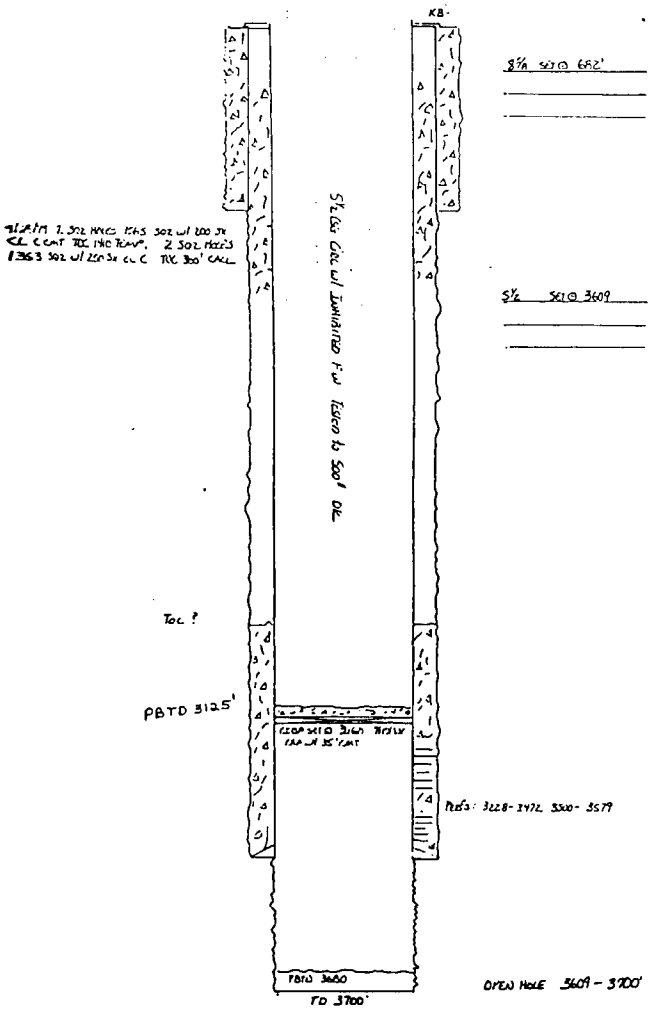
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production - P&A 11-28-90
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3193-3535'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #93 | 1980' FNL, 1980' FWL, Unit F (FOOTAGE LOCATION) | 28 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing — Set @ 682 '
Size 8 5/8 " Cemented with 95 sx.
TOC Surface feet determined by _____
Hole Size Unknown "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String — Set @ 3609 '
Size 5 ½ " Cemented with 365 sx.
TOC 1410 feet determined by Temp. Survey
Hole Size Unknown "
Total Depth 3700 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size _____ " lined with _____ set in a
(type of internal coating)
_____ packer at _____ feet
Other type of tubing / casing seal if applicable _____

Other Data

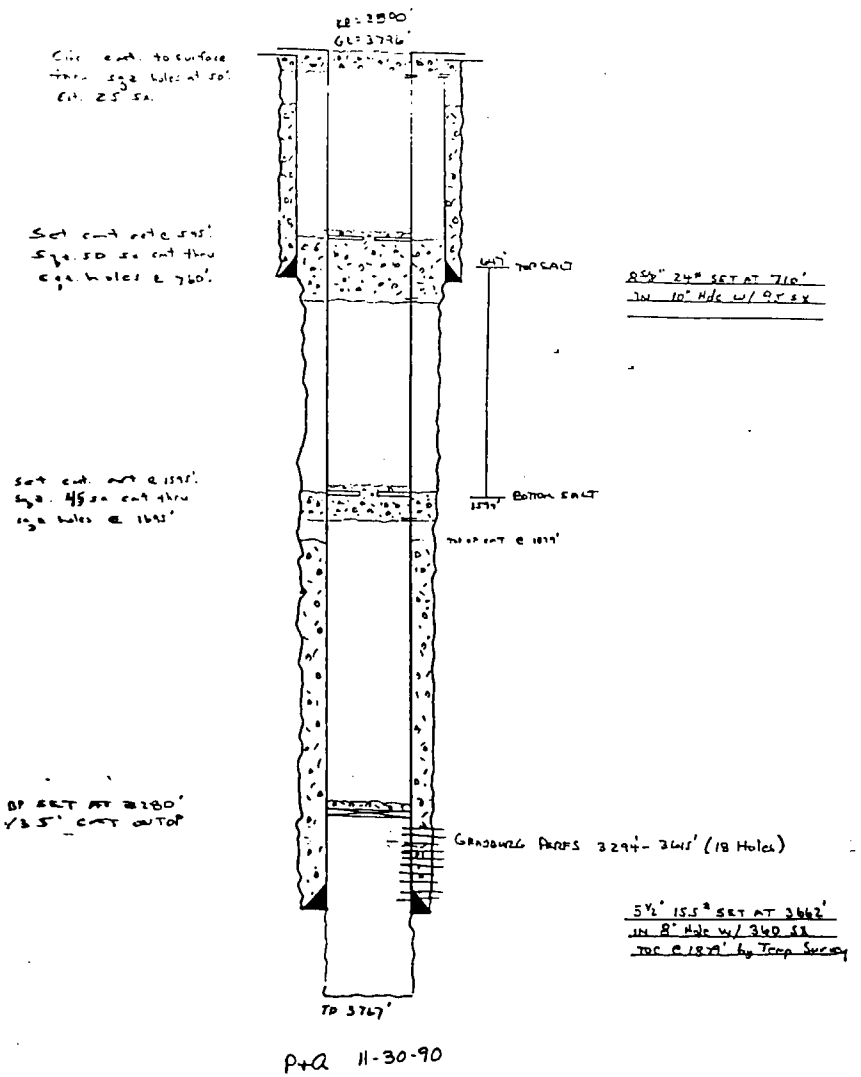
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 12-21-59 - Converted to WIW - TA 7-25-88
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3500-3579'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #94 | 1980' FNL, 1980' FEL, Unit G (FOOTAGE LOCATION) | 28 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



P+A 11-30-90

Well Construction Data

Surface Casing Set @ 710 '
Size 8 5/8 " Cemented with 95 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3662 '
Size 5 ½ " Cemented with 360 sx.
TOC 1931 feet determined by Calculation
Hole Size 8 "
Total Depth 3767 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with _____ set in a
(type of internal coating)
_____ packer at 3665 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production - P&A 11-30-90
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3662-3767', 3294-3615'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

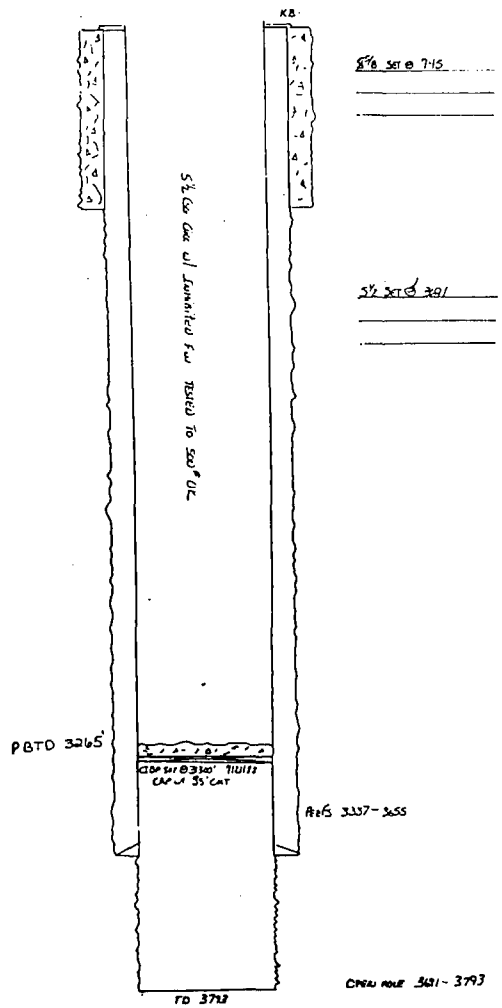
INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Company LEASE Skelly Unit

WELL NO. #95 1980' FNL, 660' FEL, Unit H 28 17S 31E

FOOTAGE LOCATION SECTION TOWNSHIP RANG

Schematic



Well Construction Data

Surface Casing Set @ 745 '

Size 8 5/8 " Cemented with 95

TOC Surface feet determined by

Hole Size Unknown "

Intermediate Casing

Size " Cemented with

TOC feet determined by

Hole Size "

Long String Set @ 3691 '

Size 5 ½ " Cemented with 360

TOC 1831 feet determined by Temp. Survey

Hole Size Unknown "

Total Depth 3783 '

Injection Interval

feet to feet

(perforated or open-hole; Indicate which)

Tubing Size " lined with se

(type of internal coating)

packer at fe

Other type of tubing / casing seal if applicable

Other Data

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

   If no, for what purpose was the well originally drilled?

   Oil Production 2-3-60 - Converted to WIW - TA 7-25-88

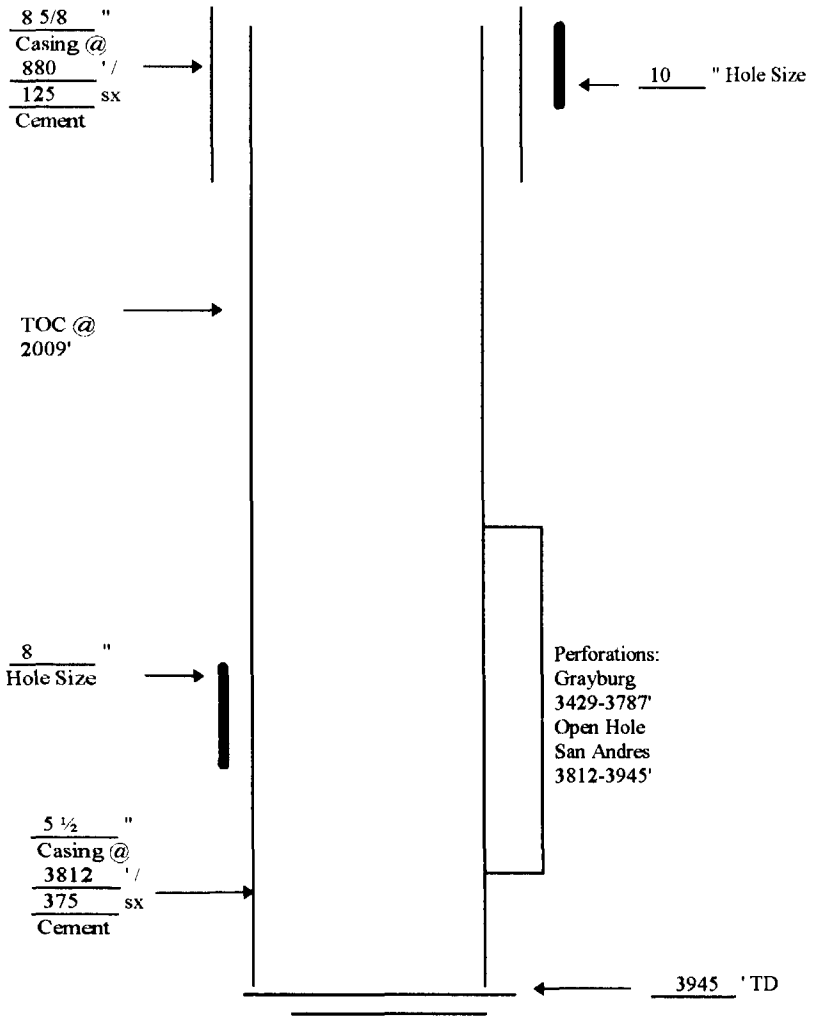
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e., sacks of cement or plug(s) used 3337-3655'
5. Give the names and depths of any over or underlying oil or gas zone (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #97 — 1980' FNL, 1980' FEL, Unit G (FOOTAGE LOCATION) — 27 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 880 '
Size 8 5/8 " Cemented with 125 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3812 '
Size 5 ½ " Cemented with 375 sx.
TOC 2009 feet determined by Calculation
Hole Size 8 "
Total Depth 3945 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with _____ set in a
(type of internal coating)
_____ packer at 3812 feet

Other type of tubing / casing seal if applicable _____

Other Data

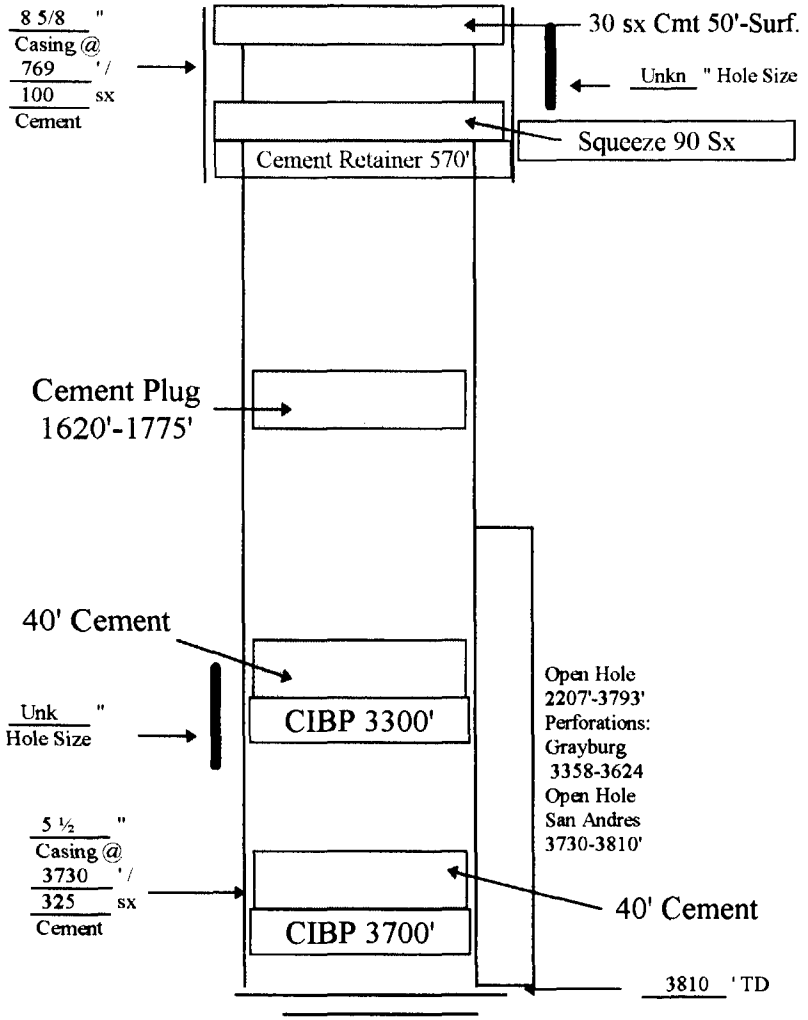
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production - SI
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3429-3787'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #98 — 1980' FSL, 1980' FEL, Unit J (FOOTAGE LOCATION) — 28 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 769 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size Unknown "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3730 '
Size 5 ½ " Cemented with 325 sx.
TOC _____ feet determined by _____
Hole Size Unknown "
Total Depth 3810 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size _____ " lined with _____ set in a
(type of internal coating)
_____ packer at _____ feet
Other type of tubing / casing seal if applicable _____

Other Data

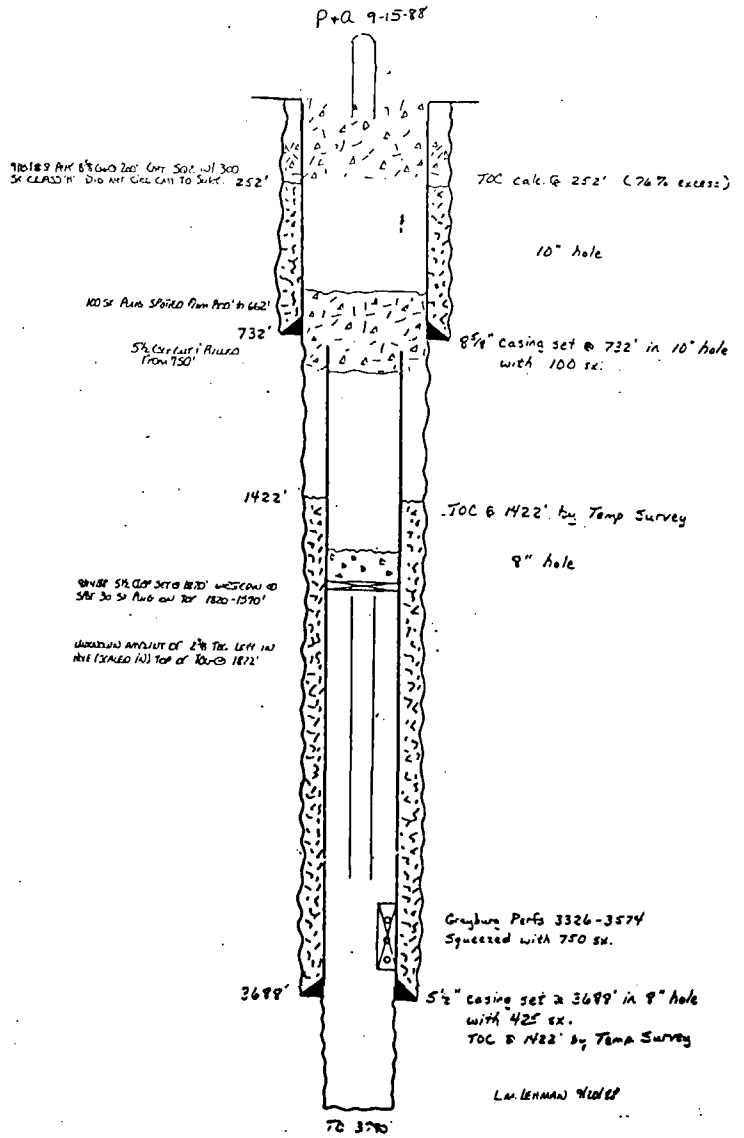
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 6-15-61 - Conv to WIW 12-29-67 - P&A 12-14-90
   Wiser plans to re-enter this well and complete as WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3358-3624'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Cedar Lake-Morrow East

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #99 | 1980' FSL, 1980' FWL, Unit K (FOOTAGE LOCATION) | 28 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 732 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by
Hole Size 10 "

Intermediate Casing
Size " Cemented with sx.
TOC feet determined by
Hole Size "

Long String Set @ 3688 '
Size 5 ½ " Cemented with 425 sx.
TOC 1422 feet determined by Temp Survey
Hole Size 8 "
Total Depth 3780 '

Injection Interval
feet to feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with (type of internal coating) set in a packer at 3750 feet

Other type of tubing / casing seal if applicable

Other Data

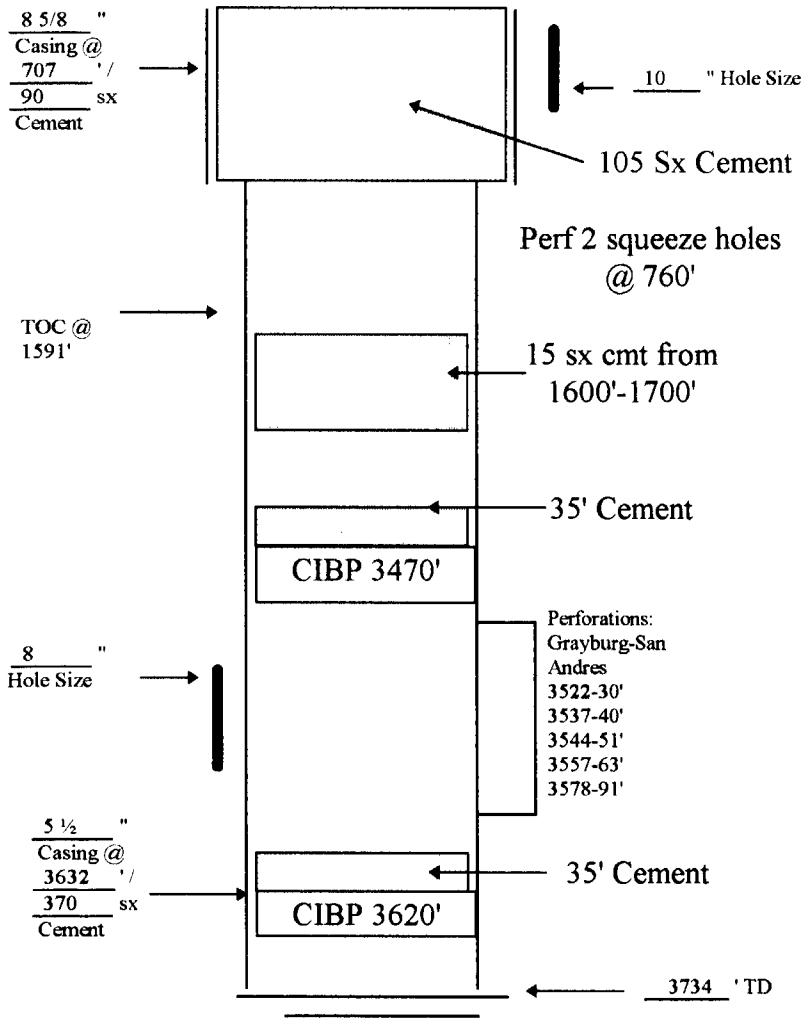
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production - P&A 9-15-88
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3688-3780', 3326-3574'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Cedar Lake-Morrow East

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #100 | 1980' FSL, 660' FWL, Unit L (FOOTAGE LOCATION) | 28 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 707 '
Size 8 5/8 " Cemented with 90 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3632 '
Size 5 ½ " Cemented with 370 sx.
TOC 1591 feet determined by Temp. Survey
Hole Size 8 "
Total Depth 3734 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size _____ " lined with _____ set in a
(type of internal coating)
_____ packer at _____ feet
Other type of tubing / casing seal if applicable _____

Other Data

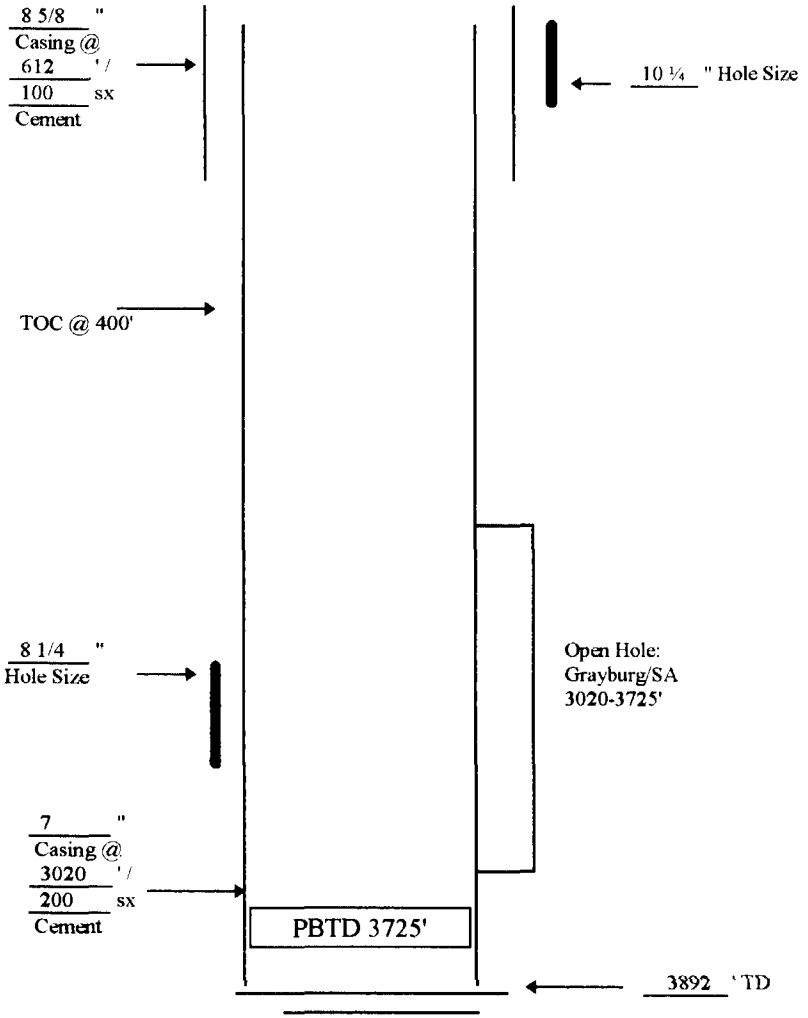
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 12-4-59–Converted to WIW 3-30-71--P&A 12-17-90
   Wiser plans to re-enter this well and complete as WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3522-91'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Cedar Lake-Morrow East

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #101 — 1980' FNL, 660' FWL, Unit E (FOOTAGE LOCATION) — 22 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 612 '
Size 8 5/8 " Cemented with 100 sx.
TOC Surface feet determined by _____
Hole Size 10 ¼ "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3020 '
Size 7 " Cemented with 200 sx.
TOC 400 feet determined by Cement Bond Log
Hole Size 8 ¼ "
Total Depth 3892 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with _____ set in a
(type of internal coating)
_____ packer at 3426 feet

Other type of tubing / casing seal if applicable _____

Other Data

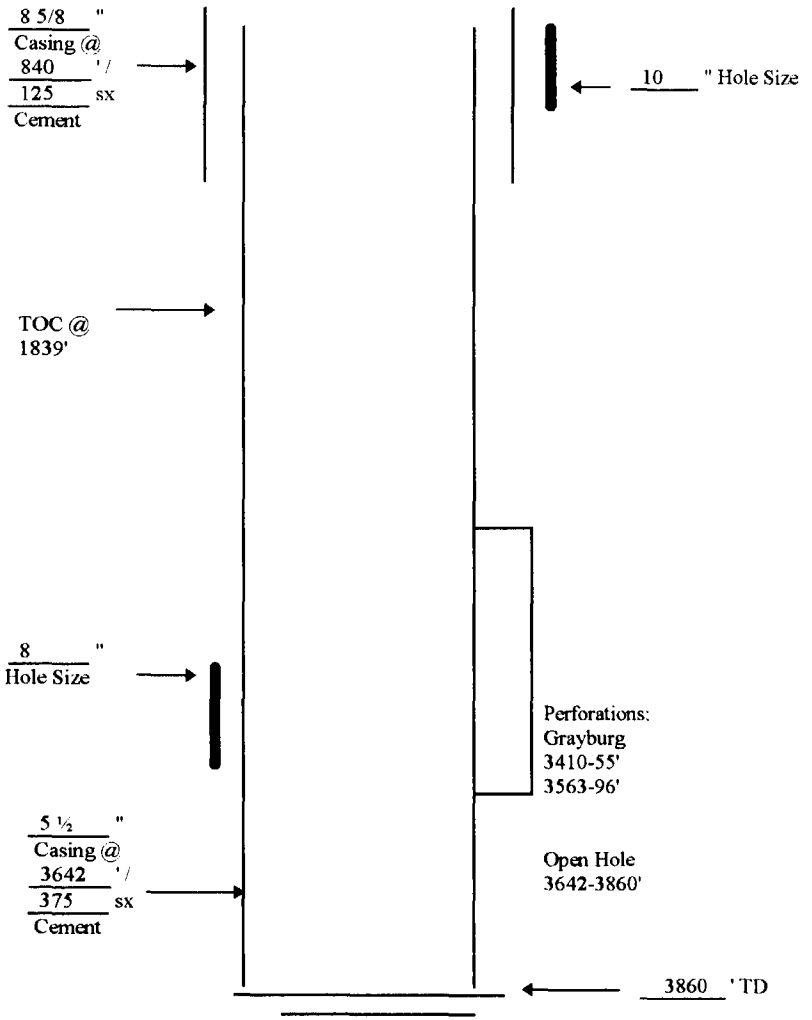
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 _____
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. Fren Penn

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #103 | 560' FNL, 1980' FWL, Unit C (FOOTAGE LOCATION) | 14 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 840 '
Size 8 5/8 " Cemented with 125 sx.
TOC Surface feet determined by _____
Hole Size 10 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3642 '
Size 5 ½ " Cemented with 375 sx.
TOC 1839 feet determined by Temp. Survey
Hole Size 8 "
Total Depth 3860 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 " lined with _____ set in a
(type of internal coating)
_____ packer at 3330 feet
Other type of tubing / casing seal if applicable _____

Other Data

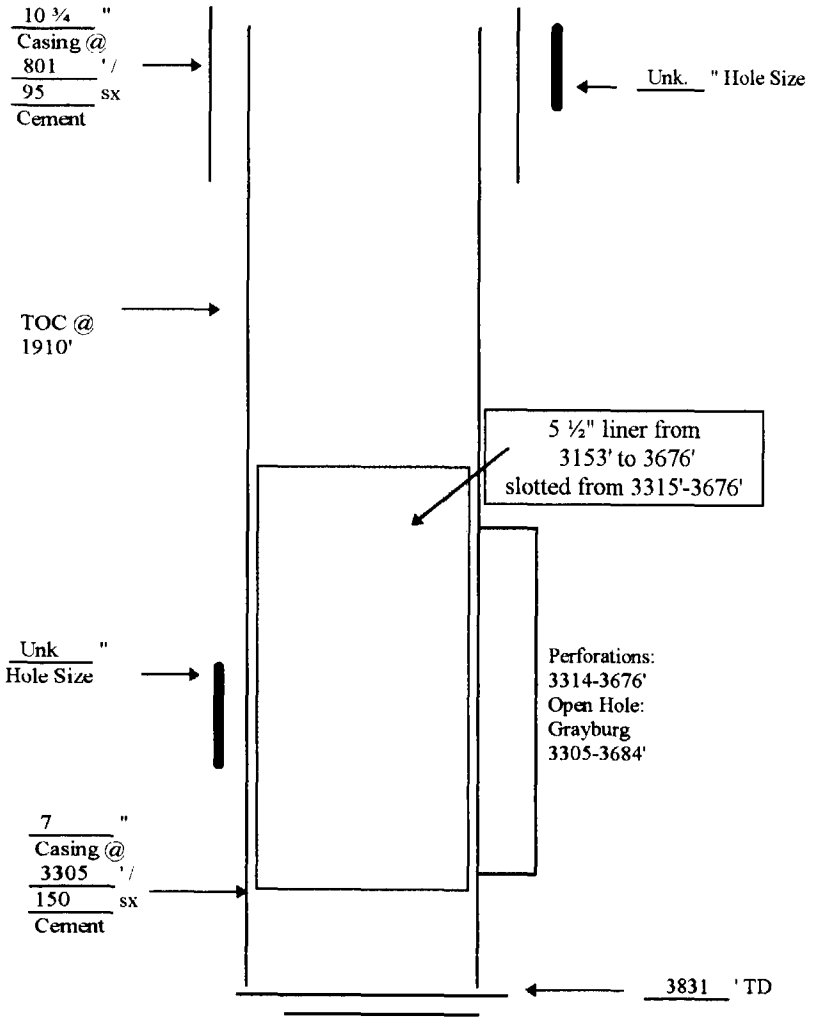
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 5-17-61
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3410-55'; 3563-96'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #104 | 1980' FNL, 660' FWL, Unit E (FOOTAGE LOCATION) | 14 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 801 '
Size 10 ¾ " Cemented with 95 sx.
TOC Surface feet determined by _____
Hole Size Unknown "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3305 '
Size 7 " Cemented with 150 sx.
TOC 1910 feet determined by Temp. Survey
Hole Size Unknown "
Total Depth 3831 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3654 feet
Other type of tubing / casing seal if applicable _____

Other Data

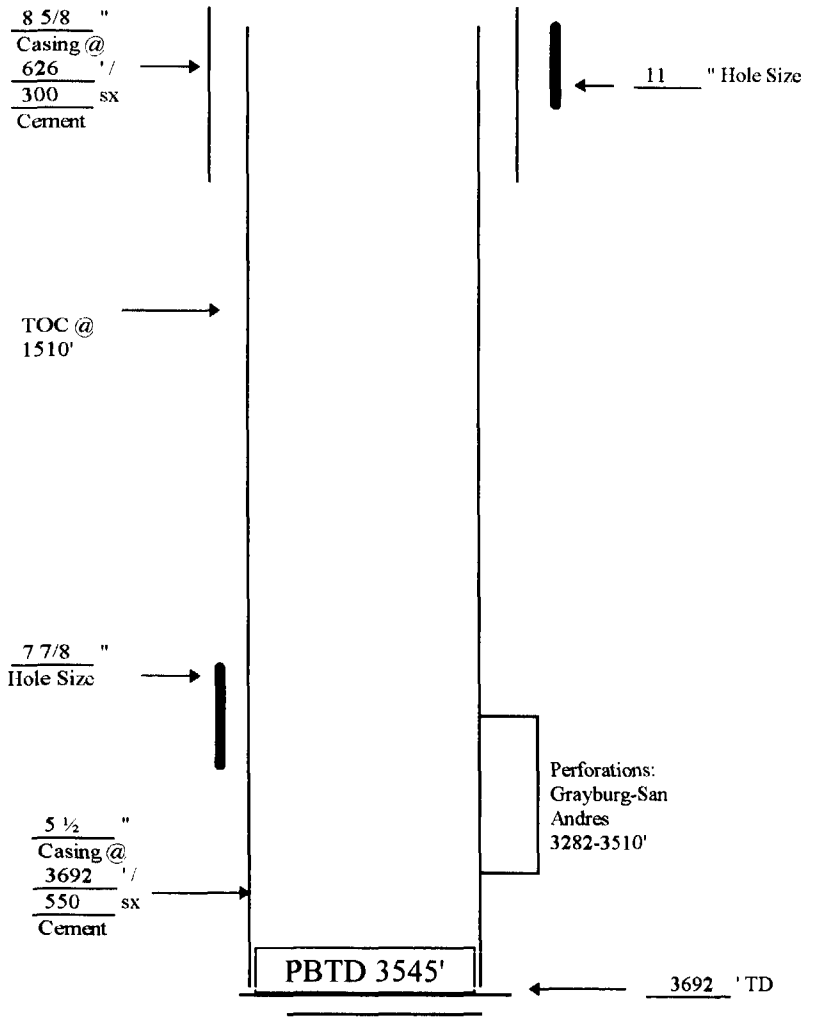
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3314-3676'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #106 | 660' FNL, 1980' FWL, Unit C (FOOTAGE LOCATION) | 15 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 626 '
Size 8 5/8 " Cemented with 300 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3692 '
Size 5 ½ " Cemented with 550 sx.
TOC 1510 feet determined by Cement Bond Log
Hole Size 7 7/8 "
Total Depth 3692 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3506 feet
Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 2-19-71
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3282-3510'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

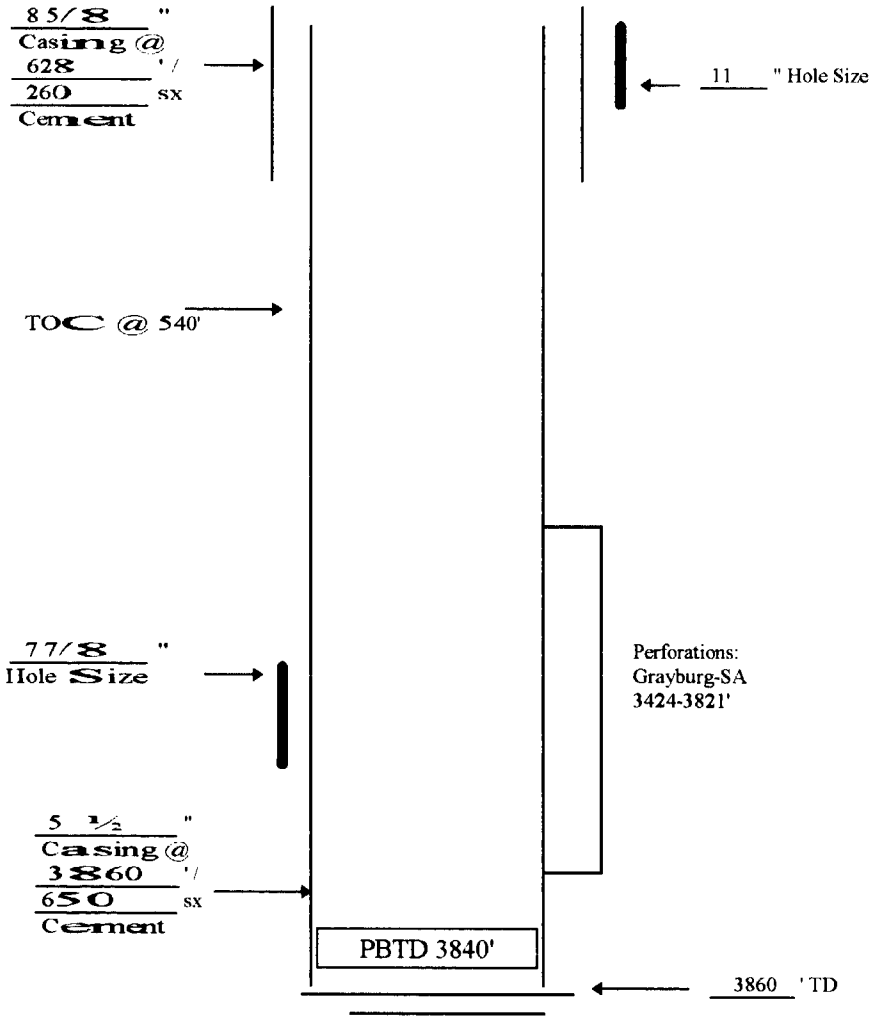
INJECTION WELL DATA SHEET

OPERATOR The Wiser Oil Company LEASE Skelly Unit

WELL NO. #107 1760' FNL, 660' FWL, Unit E 27 17S 31E

FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

Surface Casing Set @ 628 '

Size 8 5/8 " Cemented with 260 sx.

TOC Surface feet determined by

Hole Size 11 "

Intermediate Casing

Size " Cemented with sx.

TOC feet determined by

Hole Size "

Long String Set @ 3860 '

Size 5 ½ " Cemented with 650 sx.

TOC 540 feet determined by Calculation

Hole Size 7 7/8 "

Total Depth 3860 '

Injection Interval

feet to feet

(perforated or open-hole; Indicate which)

Tubing Size 2 7/8 " lined with (type of internal coating) set in a packer at 3755 feet

Other type of tubing / casing seal if applicable

Other Data

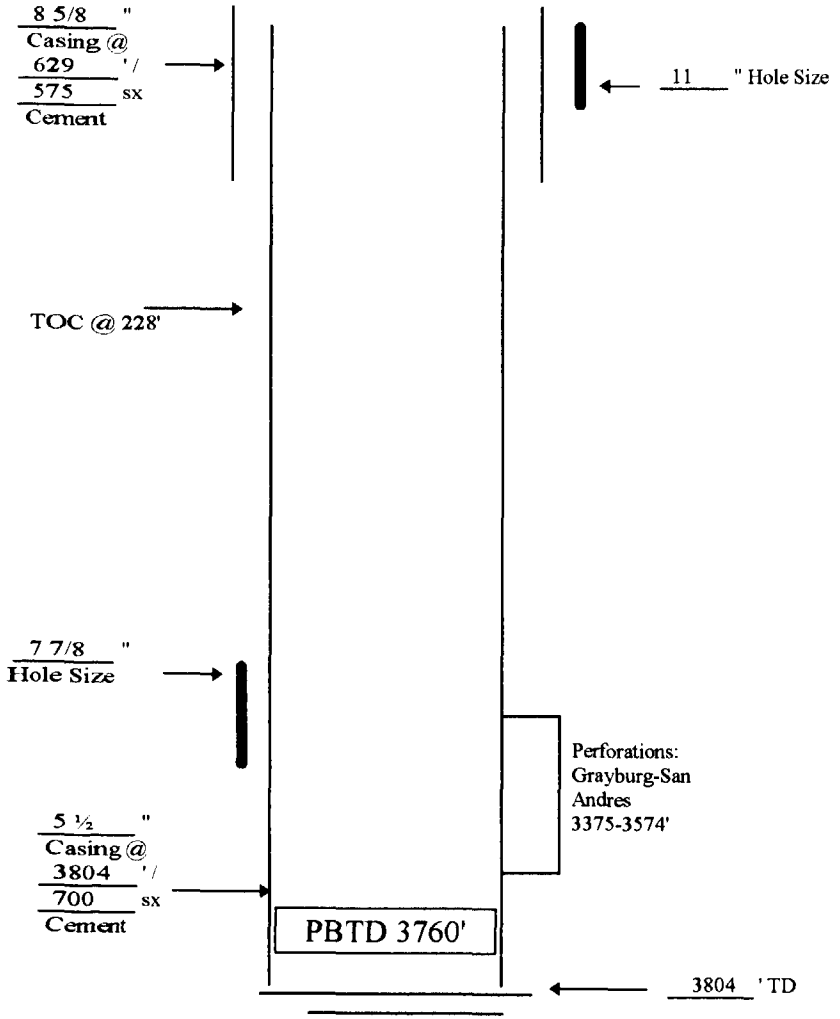
1. Is this a new well drilled for injection? Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3424-3821'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area.

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #108 | FOOTAGE LOCATION: 660' FNL, 660' FEL, Unit A | SECTION: 15 | TOWNSHIP: 17S | RANGE: 31E

Schematic



Well Construction Data

Surface Casing Set @ 629 '
Size 8 5/8 " Cemented with 575 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3804 '
Size 5 ½ " Cemented with 700 sx.
TOC 228 feet determined by Calculation
Hole Size 7 7/8 "
Total Depth 3804 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3284 feet

Other type of tubing / casing seal if applicable _____

Other Data

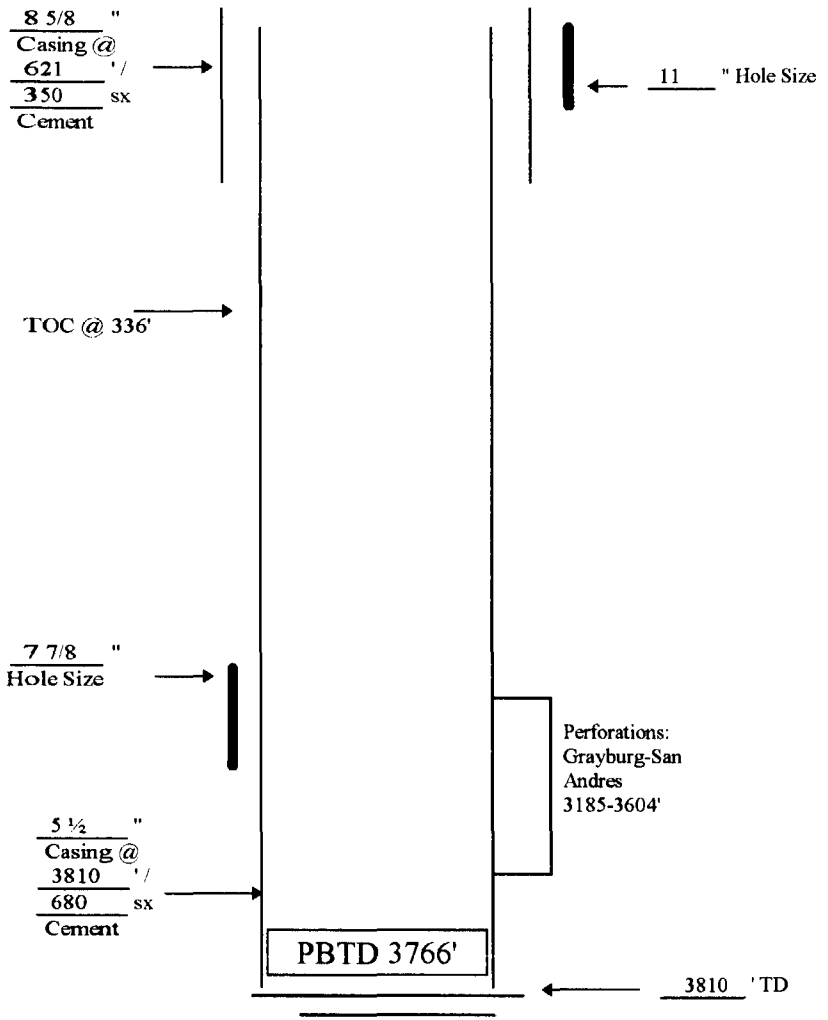
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 4-30-71
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
4. Has the well ever 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 3375-3574'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #109 — 1980' FNL, 660' FWL, Unit E (FOOTAGE LOCATION) — 15 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 621 '
Size 8 5/8 " Cemented with 350 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3810 '
Size 5 ½ " Cemented with 680 sx.
TOC 1000 feet determined by Temp. Survey
Hole Size 7 7/8 "
Total Depth 3810 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 7/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3607 feet

Other type of tubing / casing seal if applicable _____

Other Data

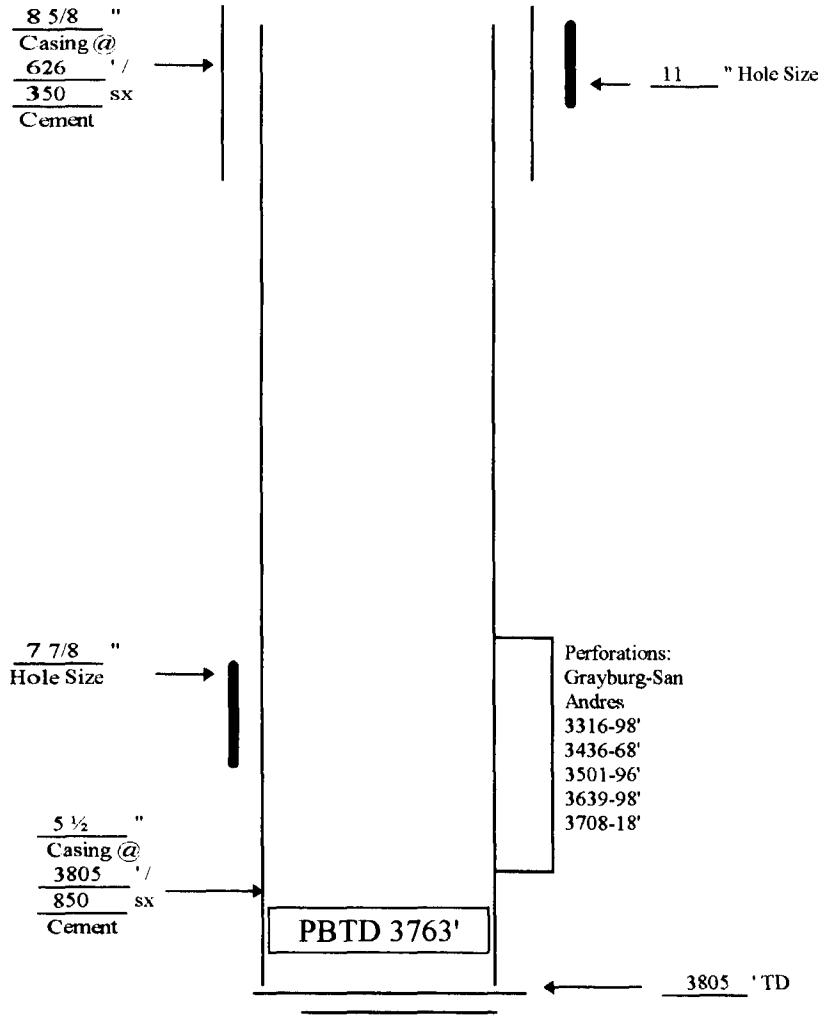
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 9-2-71
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3185-3604'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company — LEASE: Skelly Unit

WELL NO.: #110 — 1980' FNL, 1980' FEL, Unit G (FOOTAGE LOCATION) — 14 (SECTION) — 17S (TOWNSHIP) — 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 626 '
Size 8 5/8 " Cemented with 350 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3805 '
Size 5 ½ " Cemented with 850 sx.
TOC _____ feet determined by _____
Hole Size 7 7/8 "
Total Depth 3805 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 7/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3739 feet
Other type of tubing / casing seal if applicable _____

Other Data

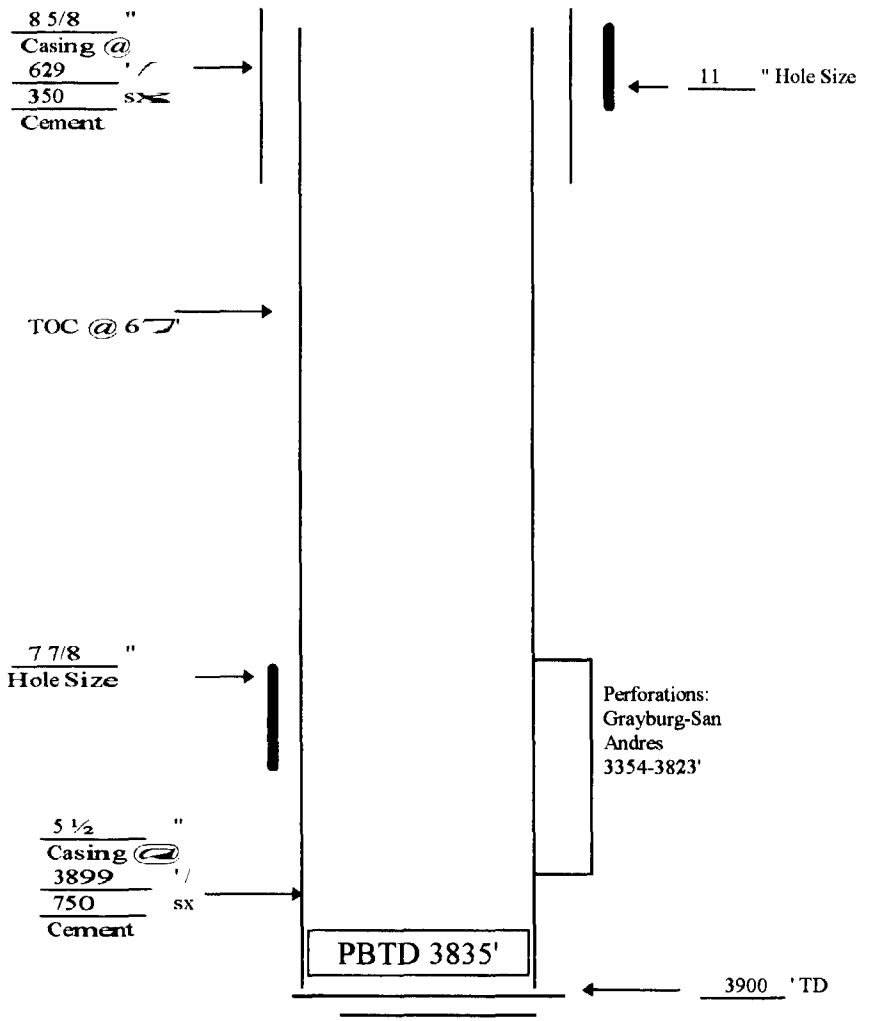
1. Is this a new well drilled for injection? ____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 9-4-71
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3316-98'; 3436-68'; 3501-96'; 3639-98'; 3708-18'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #111 | 1980' FSL, 660' FEL, Unit I (FOOTAGE LOCATION) | 14 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 629 '
Size 8 5/8 " Cemented with 350 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3899 '
Size 5 ½ " Cemented with 750 sx.
TOC 67 feet determined by Calculation
Hole Size 7 7/8 "
Total Depth 3900 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 7/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3759 feet

Other type of tubing / casing seal if applicable _____

Other Data

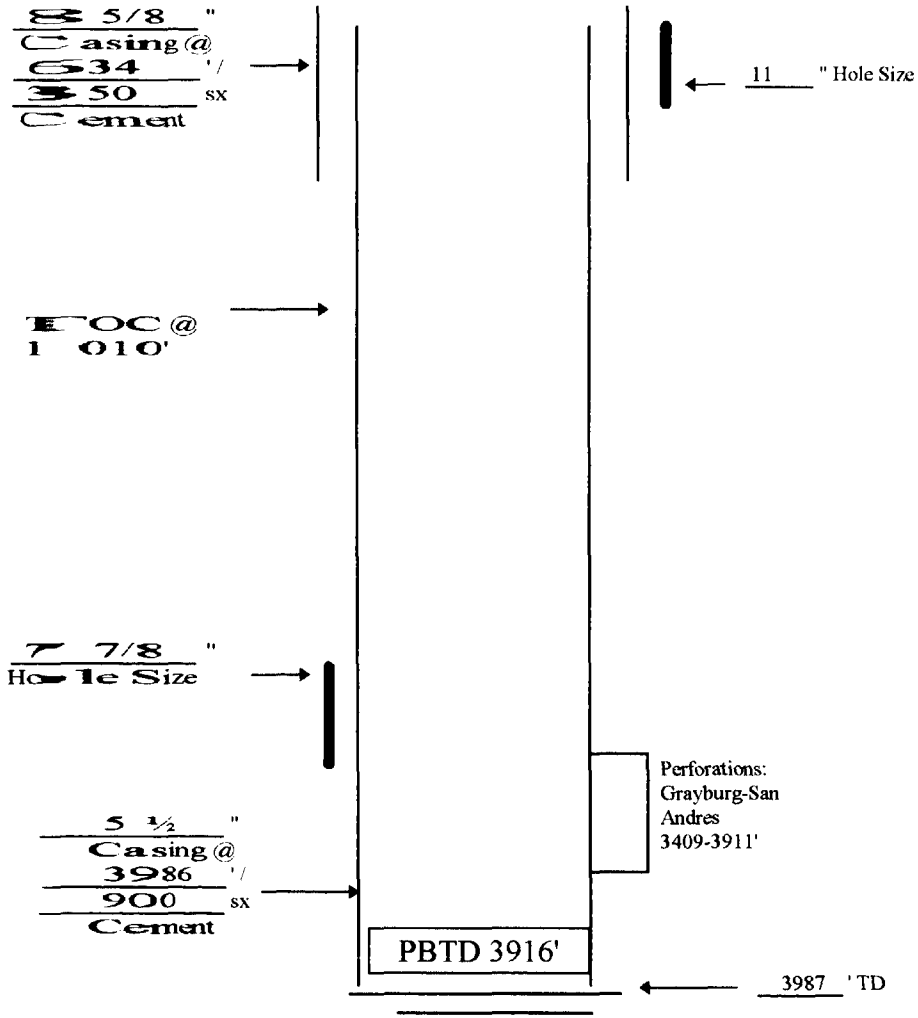
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 12-29-71
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3354-3823'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #112 | FOOTAGE LOCATION: 660' FNL, 660' FEL, Unit A | SECTION: 14 | TOWNSHIP: 17S | RANGE: 31E

Schematic



Well Construction Data

Surface Casing Set @ 634 '
Size 8 5/8 " Cemented with 350 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3986 '
Size 5 ½ " Cemented with 900 sx.
TOC 1010 feet determined by Temp. Survey
Hole Size 7 7/8 "
Total Depth 3987 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 7/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3884 feet

Other type of tubing / casing seal if applicable _____

Other Data

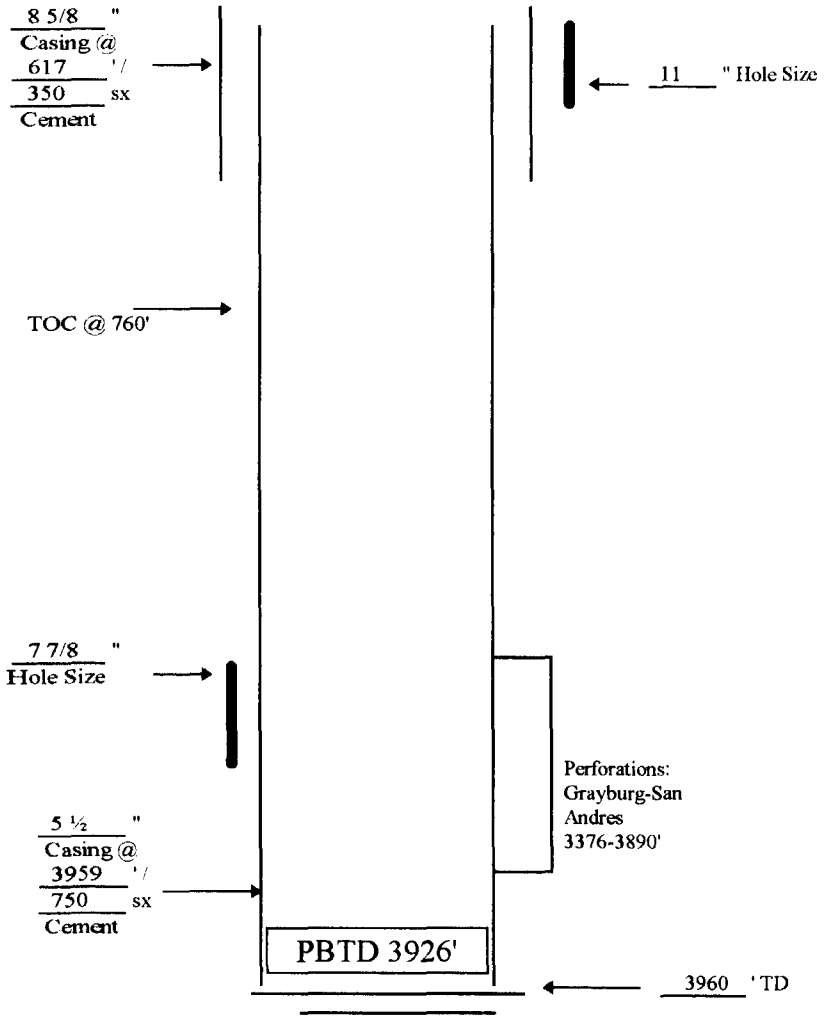
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 1-9-72
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3409-3911'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #113 | 1980' FNL, 660' FEL, Unit H (FOOTAGE LOCATION) | 14 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 617 '
Size 8 5/8 " Cemented with 350 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 3959 '
Size 5 ½ " Cemented with 750 sx.
TOC 760 feet determined by Temp. Survey
Hole Size 7 7/8 "
Total Depth 3960 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 3906 feet

Other type of tubing / casing seal if applicable _____

Other Data

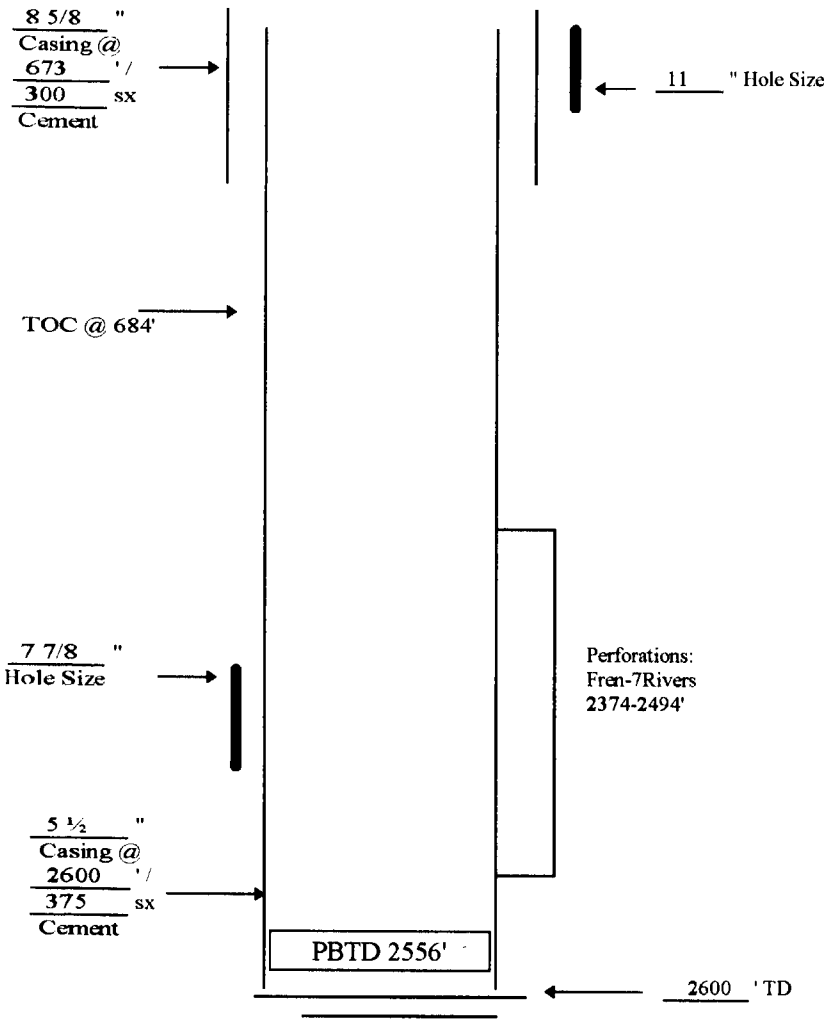
1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production 1-14-72
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 3376-3890'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

INJECTION WELL DATA SHEET

OPERATOR: The Wiser Oil Company | LEASE: Skelly Unit

WELL NO.: #121 | 660' FSL, 660' FWL, Unit M (FOOTAGE LOCATION) | 23 (SECTION) | 17S (TOWNSHIP) | 31E (RANGE)

Schematic



Well Construction Data

Surface Casing Set @ 673 '
Size 8 5/8 " Cemented with 300 sx.
TOC Surface feet determined by _____
Hole Size 11 "

Intermediate Casing
Size _____ " Cemented with _____ sx.
TOC _____ feet determined by _____
Hole Size _____ "

Long String Set @ 2600 '
Size 5 ½ " Cemented with 375 sx.
TOC 684 feet determined by Calculation
Hole Size 7 7/8 "
Total Depth 2600 '

Injection Interval
_____ feet to _____ feet
(perforated or open-hole; Indicate which)

Tubing Size 2 3/8 " lined with _____ set in a
(type of internal coating)
_____ packer at 2539 feet

Other type of tubing / casing seal if applicable _____

Other Data

1. Is this a new well drilled for injection? _____ Yes X No
   If no, for what purpose was the well originally drilled?
   Oil Production
   The Wiser Oil Company plans to convert this well to WIW
2. Name of the Injection formation Grayburg-San Andres Vacuum
3. Name of Field or Pool (if applicable) Grayburg Jackson 7-Rivers-QN-GB-SA
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 2374-2494'
5. Give the names and depths of any over or underlying oil or gas zones (pools) in this area. _____

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V. AREA OF REVIEW

The attached maps show all wells and leases within two miles of the proposed injection wells with a one-half mile radius circle drawn around each proposed injection well.

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

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VI. HALF MILE WELLS

The following is a table showing data for all wells which penetrate the proposed injection zone and which lie within the area of review.

Immediately following the table are schematics for the 25 wells within the area of review which have been plugged and abandoned as noted on the table.

CMU PRODUCED WATER

Exhibit VII-A-1

Permian Treating Chemicals

WATER ANALYSIS REPORT

SAMPLE

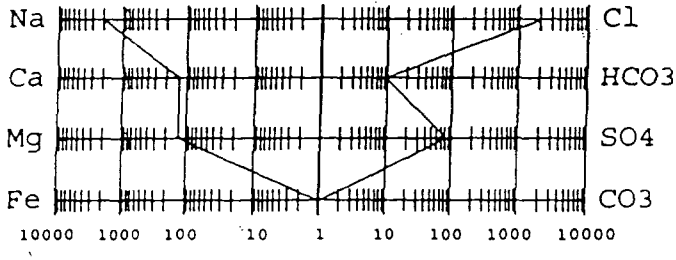
Oil Co. : Wiser Oil Co.
Lease : CMU Battery 'A'
Well No.: Water Transfer Pump
Salesman:

Sample Loc. :
Date Reported: 30-May-1996
Date Sampled : 30-May-1996

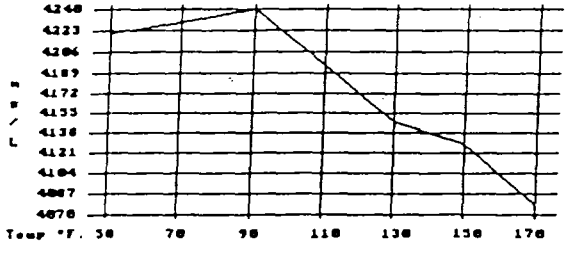
ANALYSIS

1.	pH		6.900		
2.	Specific Gravity 60/60 F.		1.092		
3.	$CaCO_3$ Saturation Index @ 80 F.		+0.459		
	@ 140 F.		+1.339		
	Dissolved Gasses		**MG/L**	**EQ. WT.**	***MEQ/L**
4.	Hydrogen Sulfide		60		
5.	Carbon Dioxide		130		
6.	Dissolved Oxygen		0.4		
	Cations				
7.	Calcium	(Ca^{++})	2,505	/ 20.1 =	124.63
8.	Magnesium	(Mg^{++})	1,520	/ 12.2 =	124.59
9.	Sodium	(Na^{+}) (Calculated)	44,953	/ 23.0 =	1,954.48
10.	Barium	(Ba^{++})	Not Determined		
	Anions				
11.	Hydroxyl	(OH^{-})	0	/ 17.0 =	0.00
12.	Carbonate	($CO_3^{=}$)	0	/ 30.0 =	0.00
13.	Bicarbonate	(HCO_3^{-})	561	/ 61.1 =	9.18
14.	Sulfate	($SO_4^{=}$)	3,900	/ 48.8 =	79.92
15.	Chloride	(Cl^{-})	74,983	/ 35.5 =	2,112.20
16.	Total Dissolved Solids		128,422		
17.	Total Iron (Fe)		1	/ 18.2 =	0.05
18.	Total Hardness As $CaCO_3$		12,511		
19.	Resistivity @ 75 F. (Calculated)		0.060 /cm.		

LOGARITHMIC WATER PATTERN
***meq/L.**



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	EQ. WT.	X *meq/L =	mg/L.
$Ca(HCO_3)_2$	81.04	9.18	744
$CaSO_4$	68.07	79.92	5,440
$CaCl_2$	55.50	35.53	1,972
$Mg(HCO_3)_2$	73.17	0.00	0
$MgSO_4$	60.19	0.00	0
$MgCL_2$	47.62	124.59	5,933
$NaHCO_3$	84.00	0.00	0
$NaSO_4$	71.03	0.00	0
NaCl	58.46	1,952.08	114,119

***Milli Equivalents per Liter**

This water is slightly corrosive due to the pH observed on analysis.
The corrosivity is increased by the content of mineral salts, and the presence of H2S, CO2, Oxygen in solution.

CMU PRODUCED WATER EXHIBIT VII-A-2

Permian Treating Chemicals

WATER ANALYSIS REPORT

SAMPLE

Oil Co. : **Wiser Oil Co.**
Lease : **CMU Battery 'B'**
Well No.: **Water Transfer Pump**
Salesman:

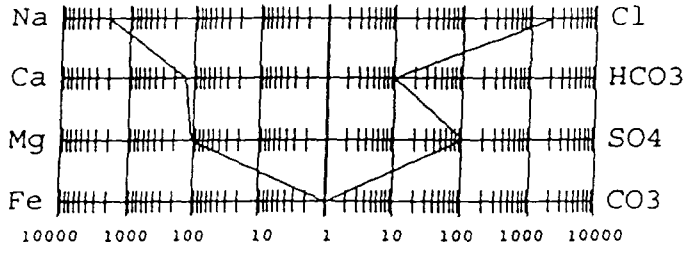
Sample Loc. :
Date Reported: 30-May-1996
Date Sampled : 30-May-1996

ANALYSIS

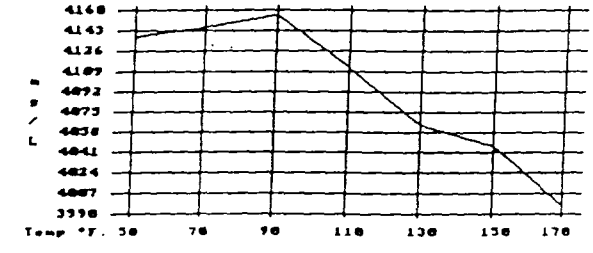
1.	pH		6.500		
2.	Specific Gravity 60/60 F.		1.091		
3.	$CaCO_3$ Saturation Index	@ 80 F.	+0.095		
		@ 140 F.	+0.975		

	Dissolved Gasses		MG/L	EQ. WT.	*MEQ/L
4.	Hydrogen Sulfide		60		
5.	Carbon Dioxide		150		
6.	Dissolved Oxygen		0.6		
	Cations				
7.	Calcium	(Ca^{++})	2,605	/ 20.1 =	129.60
8.	Magnesium	(Mg^{++})	1,276	/ 12.2 =	104.59
9.	Sodium	(Na^{+}) (Calculated)	45,740	/ 23.0 =	1,988.70
10.	Barium	(Ba^{++})	Not Determined		
	Anions				
11.	Hydroxyl	(OH^{-})	0	/ 17.0 =	0.00
12.	Carbonate	($CO_3^{=}$)	0	/ 30.0 =	0.00
13.	Bicarbonate	(HCO_3^{-})	586	/ 61.1 =	9.59
14.	Sulfate	($SO_4^{=}$)	4,800	/ 48.8 =	98.36
15.	Chloride	(Cl^{-})	74,983	/ 35.5 =	2,112.20
16.	Total Dissolved Solids		129,990		
17.	Total Iron (Fe)		2	/ 18.2 =	0.08
18.	Total Hardness As $CaCO_3$		11,760		
19.	Resistivity @ 75 F. (Calculated)		0.059 /cm.		

LOGARITHMIC WATER PATTERN
*meq/L.



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	EQ. WT.	X *meq/L =	mg/L
$Ca(HCO_3)_2$	81.04	9.59	77
$CaSO_4$	68.07	98.36	6,69
$CaCl_2$	55.50	21.65	1,20
$Mg(HCO_3)_2$	73.17	0.00	
$MgSO_4$	60.19	0.00	
$MgCL_2$	47.62	104.59	4,98
$NaHCO_3$	84.00	0.00	
$NaSO_4$	71.03	0.00	
NaCl	58.46	1,985.96	116,09

*Milli Equivalents per Liter

This water is slightly corrosive due to the pH observed on analysis. The corrosivity is increased by the content of mineral salts, and the presence of H2S, CO2, Oxygen in solution.

DOUBLE EAGLE FRESH (CYPRESS) WATER

Exhibit VII-B

Permian Treating Chemicals

WATER ANALYSIS REPORT

SAMPLE

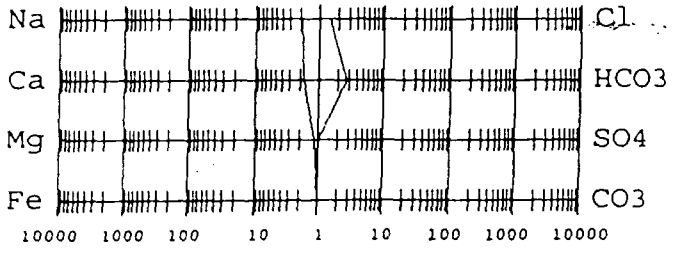
Oil Co. : Wiser Oil Co.
Lease : North Plant
Well No.: Fresh Water
Salesman:

Sample Loc. :
Formation : 06-June-1996
Date Analyzed: 06-June-1996

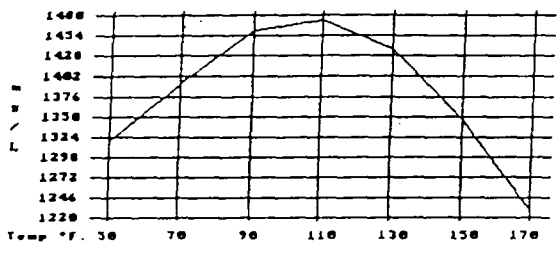
ANALYSIS

1.	pH		7.760		
2.	Specific Gravity 60/60 F.		1.008		
3.	$CaCO_3$ Saturation Index	@ 80 F.	+0.429		
		@ 140 F.	+1.029		
	Dissolved Gasses		**MG/L**	**EQ. WT.**	***MEQ/L**
4.	Hydrogen Sulfide		Not Present		
5.	Carbon Dioxide		Not Determined		
6.	Dissolved Oxygen		Not Determined		
	Cations				
7.	Calcium	(Ca^{++})	33	/ 20.1 =	1.64
8.	Magnesium	(Mg^{++})	13	/ 12.2 =	1.07
9.	Sodium	(Na^{+}) (Calculated)	42	/ 23.0 =	1.83
10.	Barium	(Ba^{++})	Below 10 (1)		
	Anions				
11.	Hydroxyl	(OH^{-})	0	/ 17.0 =	0.00
12.	Carbonate	($CO_3^{=}$)	0	/ 30.0 =	0.00
13.	Bicarbonate	(HCO_3^{-})	161	/ 61.1 =	2.64
14.	Sulfate	($SO_4^{=}$)	23	/ 48.8 =	0.47
15.	Chloride	(Cl^{-})	50	/ 35.5 =	1.41
16.	Total Dissolved Solids		322		
17.	Total Iron (Fe)		1	/ 18.2 =	0.05
18.	Total Hardness As $CaCO_3$		138		
19.	Resistivity @ 75 F. (Calculated)		2.310 /cm.		

LOGARITHMIC WATER PATTERN
*meq/L.



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	EQ. WT.	X *meq/L =	mg/L.
$Ca(HCO_3)_2$	81.04	1.64	133
$CaSO_4$	68.07	0.00	0
$CaCl_2$	55.50	0.00	0
$Mg(HCO_3)_2$	73.17	0.99	73
$MgSO_4$	60.19	0.07	4
$MgCL_2$	47.62	0.00	0
$NaHCO_3$	84.00	0.00	0
$NaSO_4$	71.03	0.40	28
NaCl	58.46	1.41	82

*Milli Equivalents per Liter

This water is mildly corrosive due to the pH observed on analysis.
The corrosivity is increased by the content of mineral salts in solution.

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VIII. GEOLOGICAL DATA

The proposed injection interval is in the Grayburg-San Andres Vacuum formations at an average TD of 3900 feet. The Grayburg formation primarily consists of quartz sands with dolomitic cementation; while the San Andres Vacuum formation primarily consists of dolomite with intermingled stringers of quartz sand with dolomitic cementation. The surface formation is Cretaceous and has no known sources of drinking water. The Ogallala aquifer and the Caprock overlies the northeastern portion of the Unit Area; while there are no known sources of drinking water underlying the injection interval.

Attached, as Exhibits VIII-A and VIII-B, are two Type Logs illustrating typical geology, lithology, thickness, and depths. Although this is generally representative of the Skelly Unit, and wells have been drilled which have come in right on target as illustrated here, there is a tendency for Skelly Unit wells to come in anywhere from 200' shallower to an extreme of 1000' shallower than illustrated on these logs.

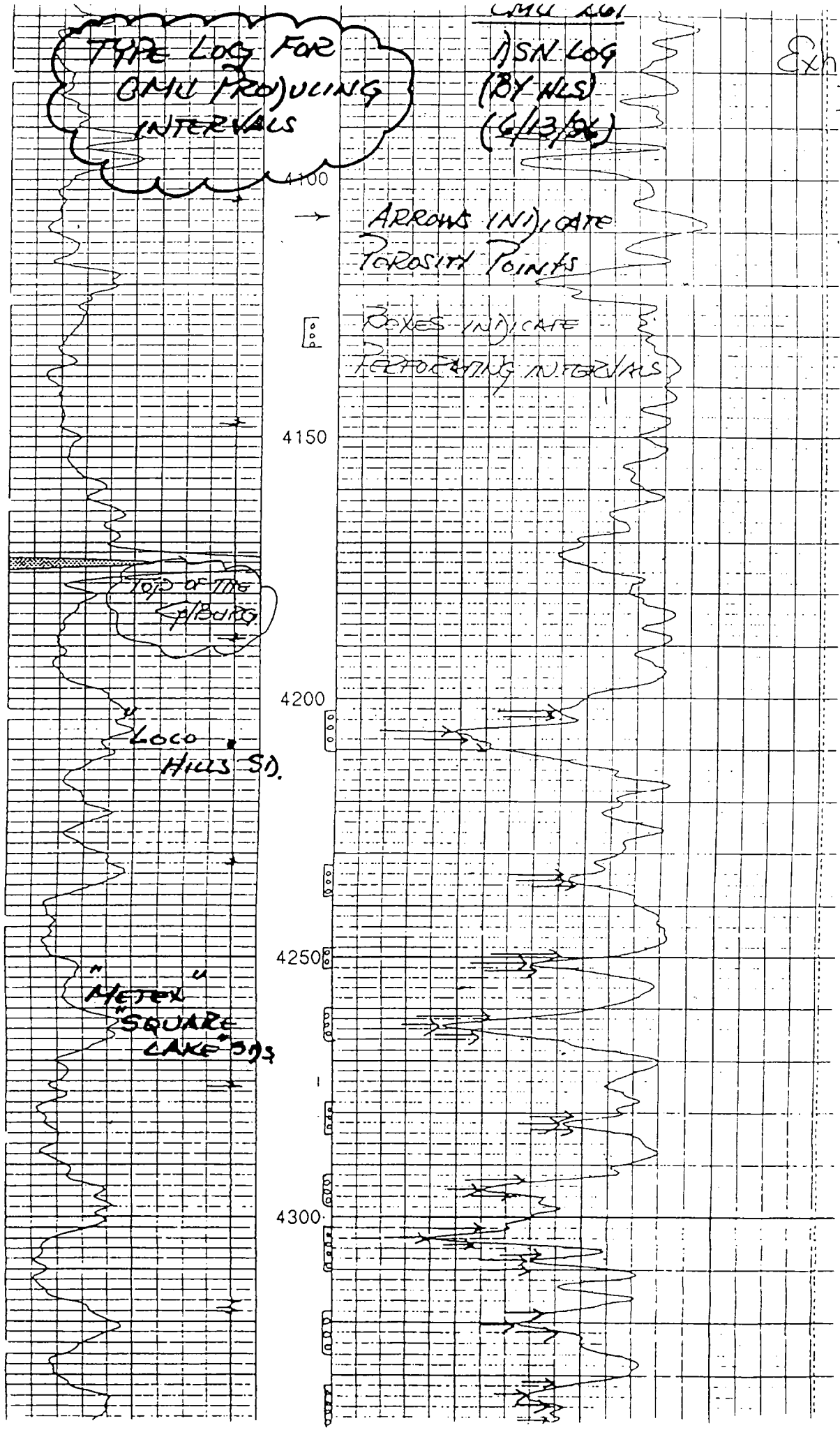
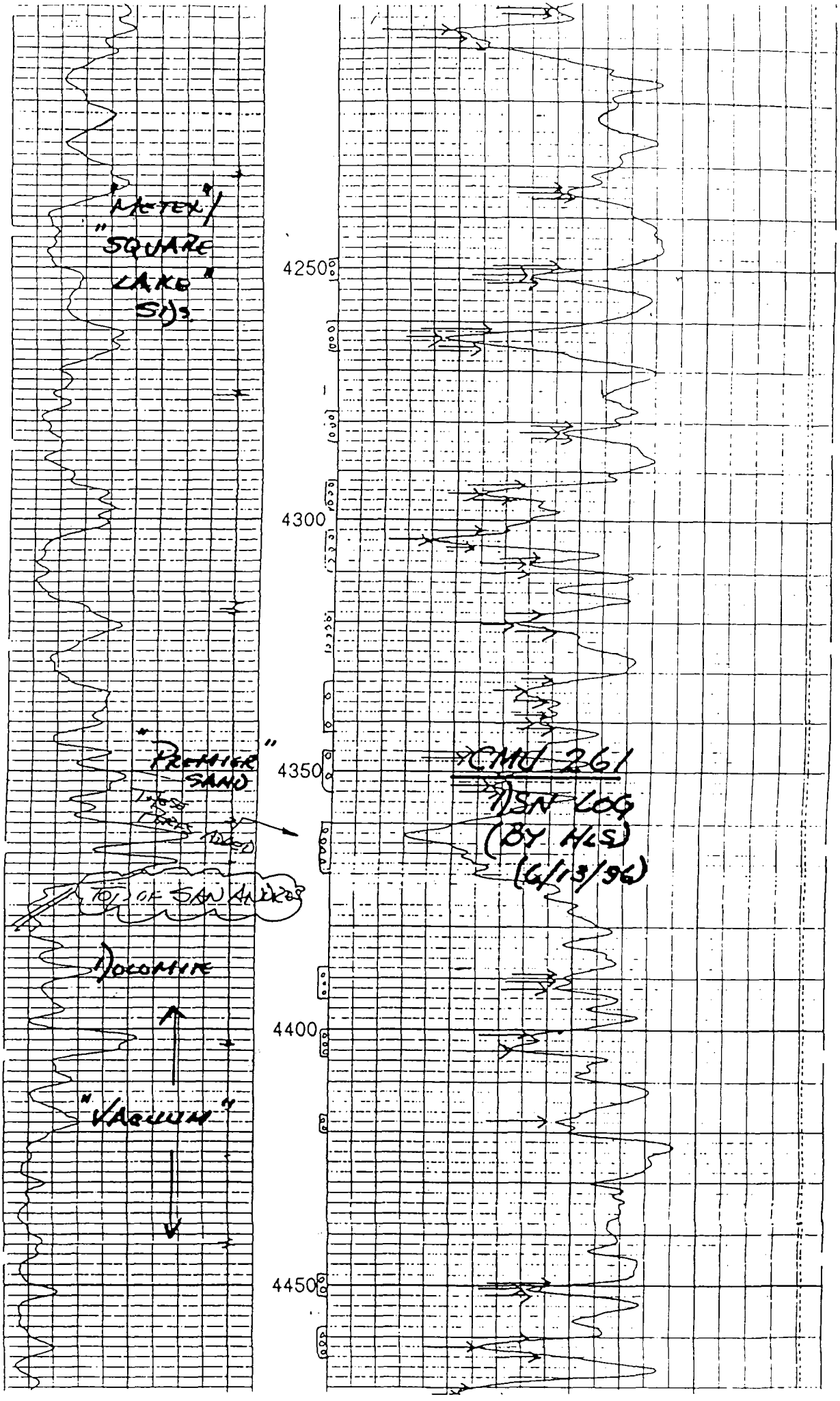
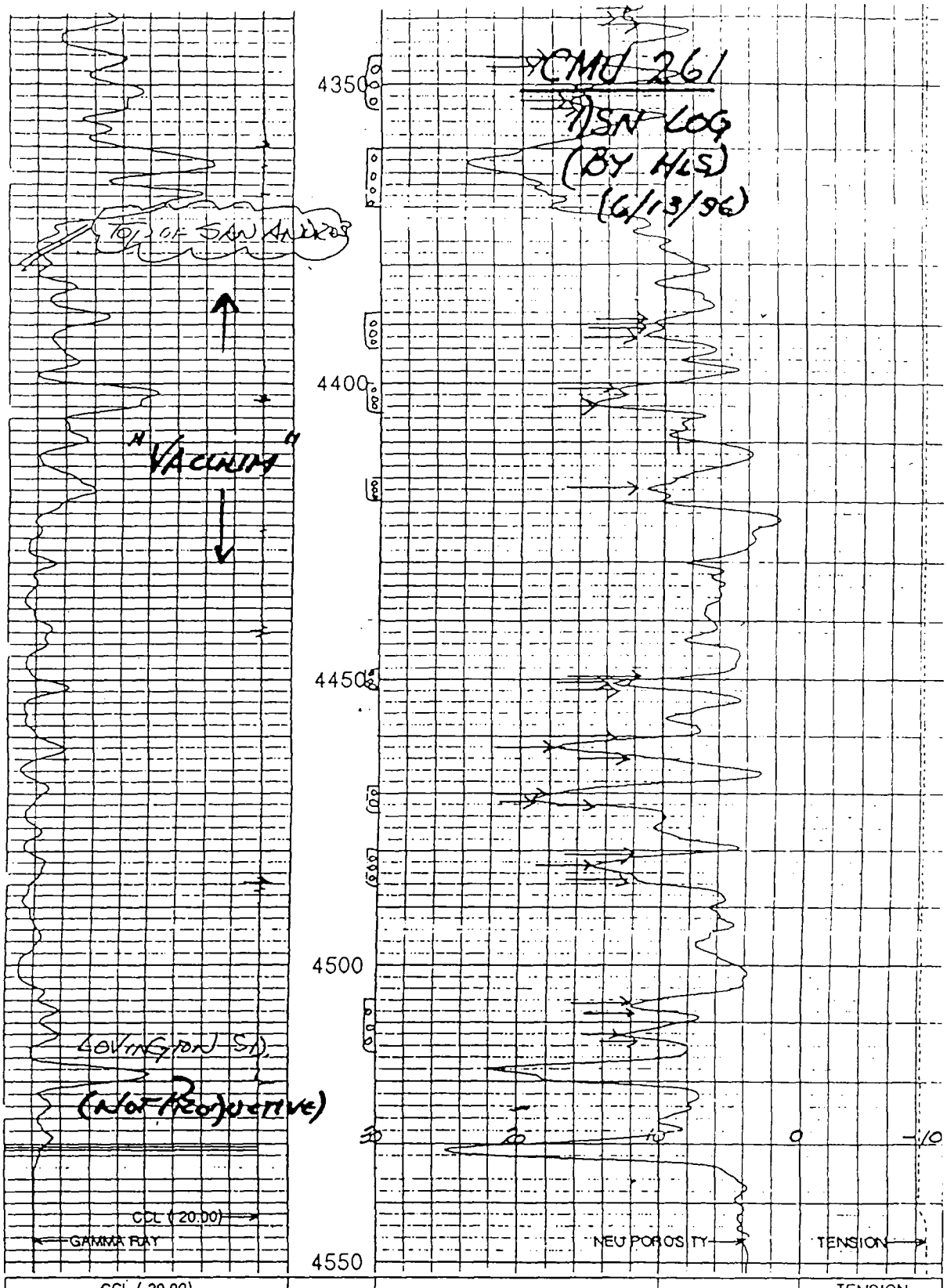


Exhibit VIII-A


METEX
"SQUARE LAKE" SDS.
4250
4300
4350
4400
4450
"PREMIER" SAND
TOP OF SAN ANDRES
DOLOMITE
"VACUUM"
CMU 261
TDN LOG
(BY H/S)
(6/13/96)


CMU 261
TDT SN LOG
(BY HLS)
(6/13/96)
TOP OF SAND ANCHOR
"VACUUM"
4350
4400
4450
4500
4550
CCL (-20.00)
GAMMA RAY
NEU POROSITY
TENSION
CCL (-20.00)
0 MV 100
GAMMA RAY
0 API COUNTS 100
NEU POROSITY
3000 -1000
TENSION
6000 LBS 0
HALLIBURTON
Version No: 2.00 / hc2.0
Data File: 0613_1554_r0411.5.dls
Control File: plot_01_1.spc
Raster File: 0613_1554_r0411.plot_01_1
Top Depth: ———
Bottom Depth: 4551.75
Database Time: 06-13-96 16:03:41

TYPE LOG FOR CMU SHOWING FORMATION TOPS

Exhibit VIII-B

TYPE LOG

HALLIBURTON

GAMMA COLLAR

DSN

COMP. : WISER OIL COMPANY INC.
WELL : CMU #160
FIELD : MALJAMAR GRAYBURG
COUNTY: LEA ST. N.M.

COMPANY WISER OIL COMPANY INC.

WELL CMU #160

FIELD MALJAMAR GRAYBURG SAN ANDRES

COUNTY LEA STATE N.M.

API NO. 30-025-32927 OTHER SERVICES

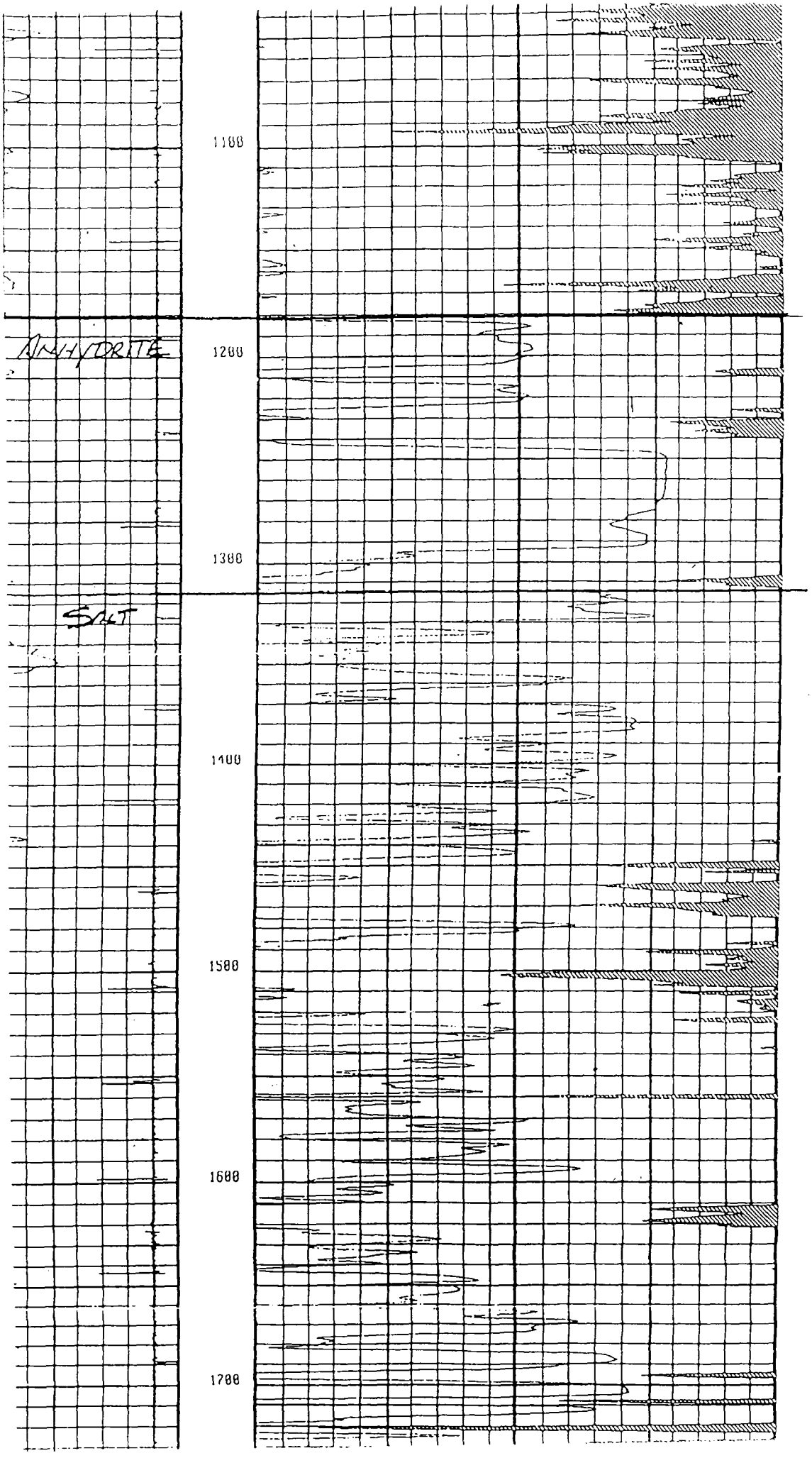
LOCATION : 48' FSL & 187' FWL CBL/PERF.
UNIT LETTER M

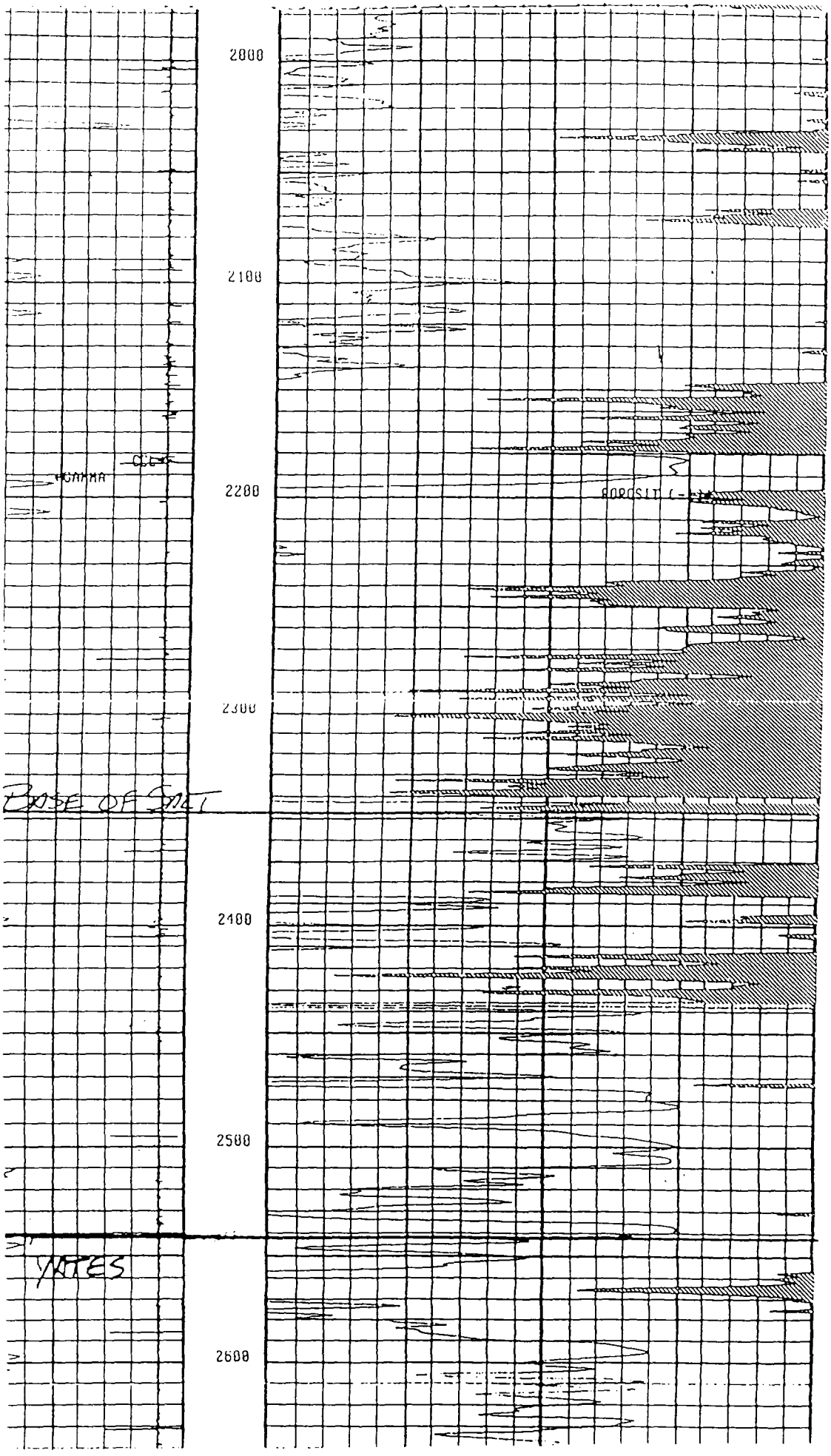
SEC. 18 TWP. 17-S RGE. 33-E

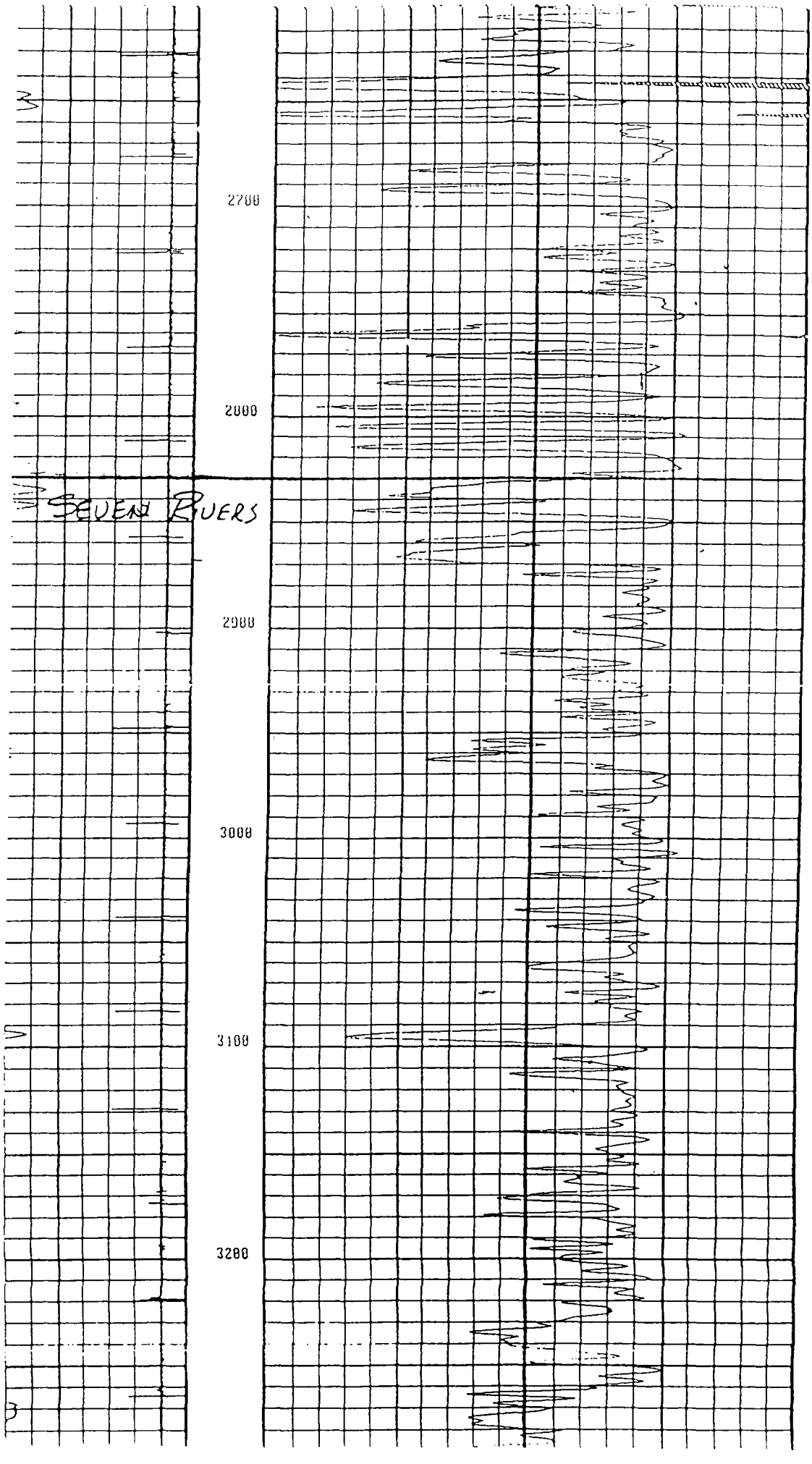
PERMANENT DATUM	GL	ELEV. 4137'	ELEV.: K.B. 4149'	
LOG MEASURED FROM	KB	12.0 FT. ABOVE PERM. DATUM	D.F.	
DRILLING MEAS FROM	KB		G.L. 4137'	
DATE & TIME LOGGED	12/08/98 @ 02:00	TYPE OF FLUID IN HOLE	WATER	
RUN No.	ONE	DENSITY OF FLUID	NA	
DEPTH - DRILLER	4850	FLUID LEVEL	FULL	
DEPTH - LOGGER	4788	CEMENT TOP EST/LOGGED	NA	
BTM LOGGED INTERVAL	4787	EQUIPMENT : LOCATION	7634 : HOBBS	
TOP LOGGED INTERVAL	SURF	RECORDED BY	WILL	
MAX RECORDED TEMP.	NA	WITNESSED BY	MR. G. NEATON	

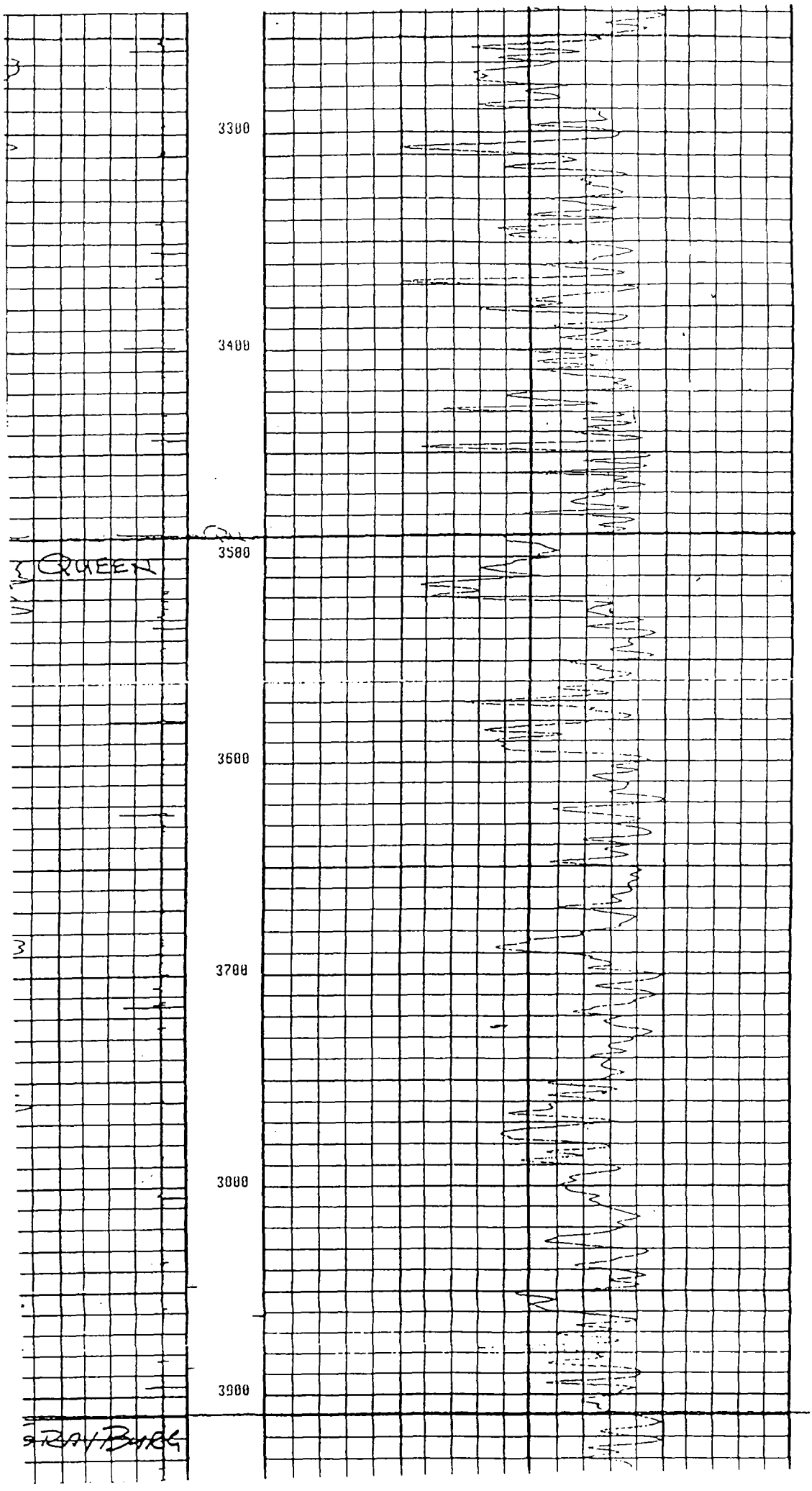
CEMENTING DATA	SURF. STRING	INT.STRING	PROD.STRING	LINER
DATE/TIME CEMENTED	/ .	/ .	/ .	/ .
PRIMARY/SQUEEZE				
COMPRESSIVE STR. EXPECTED @	: Hrs	: Hrs	: Hrs	: Hrs
CEMENT VOLUME				
CEMENT TYPE/WEIGHT				
MUD TYPE/MUD WGT.				
FORMULATION				

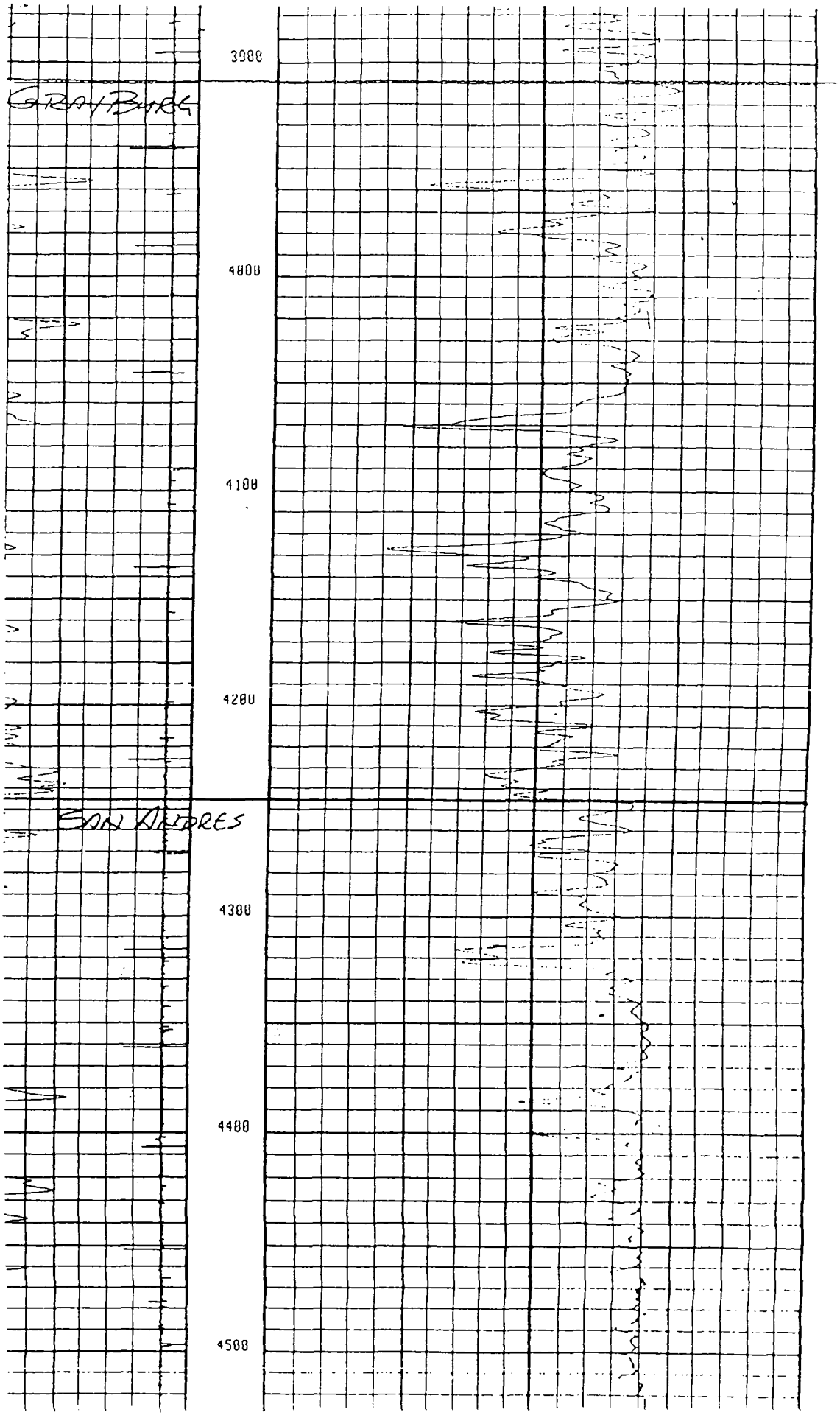
RUN	BOREHOLE RECORD			CASING AND TUBING RECORD			
No.	BIT SZ.	FROM	TO	SIZE	WGT.	FROM	TO
ONE				8.625	NA	0	1200
TWO	7.875	1200	4850	5.5	17.0	0	4850


1100
ANHYDRITE
1200
1300
SALT
1400
1500
1600
1700


2000
2100
2200
2300
BASE OF SALT
2400
2500
YATES
2600


2700
2800
SEVEN RIVERS
2900
3000
3100
3200


3300
3400
QUEEN
3500
3600
3700
3800
3900
GRAYBURG


3900
GRAYBURG
4000
4100
4200
SAN ANDRES
4300
4400
4500

C-108

APPLICATION FOR AUTHORIZATION TO INJECT
SKELLY UNIT

IX. PROPOSED STIMULATION PROGRAM

Acid breakdown jobs will be done if new perforations are added. When treating old perforations, acid "wash" treatment will be done to remove scales and flow-back solids at formation face.

X. LOGGING DATA

The available logs are those on file with the Oil Conservation Division from the original oprators of the wells.

XI. FRESH WATER WELLS

There are no fresh water wells in the area as recorded in the office of the State Engineer. There is one dry-hole which was drilled to the south of the Skelly Unit in Section 34 to a depth of 362', but it produced no water.

XII. Not applicable

C-108

APPLICATION FOR AUTHORIZATION TO INJECT
SKELLY UNIT

XIII. PROOF OF NOTICE

Copies of this C-108 Application have been mailed to the surface owners and to each leasehold operator within one-half mile of the proposed injection wells as identified on the mailing list attached as Exhibit XIII-A. An Affidavit of such notice is attached as Exhibit XIII-B. Copies of the certified receipts will be furnished upon request. The notice attached as Exhibit XIII-C is being published in the Hobbs Daily News-Sun. An Affidavit of Publication will be forwarded as soon as available.

EXHIBIT XIII-A

Surface & Grazing Lease Owners:

Bureau of Land Management
District Office
2901 W. Second St.
Roswell, NM 88201

Mr. Hershel Caviness
General Delivery
Causey, NM 88113

Mr. Olane Caswell
Caswell Ranches
1702 Gilham
Brownfield, Texas 79316

Mrs. Janice Caviness
Caviness Cattle Co.
P. O. Box 25
Maljamar, NM 88264

Mr. Albert Osborn Ranch Manager
Charles R. Martin, Inc.
General Delivery - East Star Route
Maljamar, NM 88264

Offset Leasehold Owners:

Ms. Mary H. Ard
1440 Interfirst Tower
Fort Worth, Texas 76102

Mr. Francis H. Bowden

Mr. & Mrs. E. M. Closuit, Sr., & Laura M. Closuit Co-Trustees of the E. M. Closuit, Sr., Trust & the Laura M. Closuit Trust

Mr. William A. Hudson III
616 Texas Street
Fort Worth, Texas 76102

Mr. Delmar E. Hudson
616 Texas Street
Fort Worth, Texas 76102

Ms. Mary Terrell Hudson
616 Texas Street
Fort Worth, Texas 76102

Mr. William A. Hudson II
616 Texas Street
Fort Worth, Texas 76102

Mr. Jewell D. Iverson
3131 S. Lewis Street
Tulsa, OK 74145

Mr. Harold Kersey
P. O. Box 316
Artesia, NM 88210

Mr. Delmar H. Lewis
616 Texas Street
Fort Worth, Texas 76102

Ms. Francis Hill Hudson Stripling
616 Texas Street
Fort Worth, Texas 76102

Apache Corporation
P. O. Box 1710
Hobbs, NM 88241-1710

Harvey E. Yates Company
P. O. Box 1933
Roswell, NM 88202

Hunt Oil Company
1445 Ross at Field
Dallas, Texas 75219

Messrs. Peter C. & Alvin Iverson, Independent Executors of the Estate of Dorothy Iverson
c/o Iverson III Inc.
3454 S. Zunis
Tulsa, OK 74105

Iverson III Inc.
3454 S. Zunis
Tulsa, OK 74105

Javelina Partners
616 Texas Street
Fort Worth, Texas 76102

Lindy's Living Trust
616 Texas Street
Fort Worth, Texas 76102

Marbob Energy Corp.
P. O. Drawer 217
Artesia, NM 88210

Marjorie Iverson Trust
c/o NationsBank, Trustee u/w of acct 01/0258100
P. O. Box 830308
Dallas, Texas 75283-0308

Mr. Donald B. Moore
Moore & Shelton Company, Ltd.
1414 Sugar Creek Blvd.
Sugar Land, Texas 77478

PAI Inc.
P. O. Box 664
Huntington Beach, CA 92648

S. J. Iverson Trust
c/o NationsBank, Trustee u/w of acct 01/0258100
P. O. Box 830308
Dallas, Texas 75283-0308

Texaco Exploration & Production Inc.
205 E. Bender Blvd.
Hobbs, NM 88240-2331

Offset Well Operators:

Trinity University
c/o Vice President for Fiscal Affairs
715 Stadium Dr.
San Antonio, Texas 78284

Xeric Oil and Gas Corporation
P. O. Box 51311
Midland, Texas 79710-1311

Mr. Ray Westall
P. O. Box 4
Loco Hills, NM 88255

Coastal Management Corporation
P. O. Box 2726
Midland, Texas 79702

Kersey & Co.
P. O. Box 316
Artesia, NM 88210

Mack Energy Corp.
P. O. Box 960
Artesia, NM 88211-0960

SDX Resources, Inc.
P. O. Box 5061
Midland, Texas 79704

Socorro Petroleum Co.
P. O. Box 38
Loco Hills, NM 88255

Closuit & Trinity University
Maljamar, NM 88264

Atlantic Richfield Co.
P. O. Box 1610
Midland, Texas 79702

Avon Energy Corp.
P. O. Box 1710
Hobbs, NM 88240

Devon Energy Operating Corp.
Suite 1500
20 North Broadway
OK City, OK 73102

Dorothy C. Monroe Estate
2417 E. Skelly Drive
Tulsa, OK 74105

Ms. Jeanne Closuit Long Trustee
E. M. Closuit, Sr., Trust
777 Taylor St., #E
Fort Worth, Texas 76102-4919

Edward R. Hudson Trust
616 Texas Street
Fort Worth, Texas 76102

EXHIBIT XIII-B

AFFIDAVIT OF MAILING

STATE OF NEW MEXICO
COUNTY OF CHAVES | SS.

I, Bonita L. Limpus Jones, do solemnly swear that a copy of this Application has been mailed by certified mail, to each of the interested parties listed on Exhibit XIII-A.

Bonita L. Limpus Jones
Consulting Landman with J. O. Easley, Inc.
on behalf of The Wiser Oil Company

SWORN AND SUBSCRIBED TO before me this 31st day of December, 1996.

My Commibsion Expires: 6-19-97

Michael R. Burt
Notary Public

EXHIBIT XIII-C

NOTICE TO BE PUBLISHED IN THE HOBBS DAILY NEWS-SUN
ON WEDNESDAY, DECEMBER 4, 1996

PROPOSED INJECTION WELLS

The Wiser Oil Company proposes to expand its Skelly Unit and inject water into 62 additional wells: 9 wells in Section 14, 11 wells in Section 15, 10 wells in Section 21, 7 wells in Section 22, 10 wells in Section 23, 1 well in Section 26, 4 wells in Section 27, and 10 wells in Section 28, all within T17S-R31E, Eddy County, New Mexico, to provide additional injection service for the existing Skelly Unit Waterflood, Order No. R-3214. The zones to be injected into are the Grayburg and San Andres Vacuum at an average TD of 3900' with a maximum injection rate of 250 BWPD/well at a maximum pressure of 2600 psi. Any interested parties with objection or request for hearing should notify the Oil Conservation Division at P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days of this notice. Any questions should be directed to Mike Jones with The Wiser Oil Company, at P. O. Box 2568, Hobbs, New Mexico 88241, 505-392-9797.