Shell Oil Company

200 N. Dairy Ashford
P.O. Box 576
Houston, Texas 77001

September 8, 1987

Case 9232 RECEIVED
SEP
OIL CONSERVATION DIVISION

Offset Operators and
All Affected Surface Owners Within
Proposed Northeast Drinkard Unit

RECEIVED
SEP 1 1 1987
OIL CONSERVATION DIVISION

SUBJECT: APPLICATION FOR AUTHORIZATION TO INJECT AND TO ESTABLISH WATER FLOOD PROJECT PROPOSED NORTHEAST DRINKARD UNIT LEA COUNTY, NEW MEXICO

Dear Sir or Madam:

The purpose of this letter is to give notice to you as an affected surface owner or offset operator that Shell Western E&P Inc. (Shell Western) has made application to the New Mexico Oil Conservation Division for authority to inject water in conjunction with a water flood project for the proposed Northeast Drinkard Unit. The Oil Conservation Division will hold a hearing on Wednesday, September 23, 1987, at 8:15 a.m. in the Oil Conservation Division Hearing Room, State Land Office Building, Old Santa Fe Trail, Santa Fe, New Mexico, to consider the application for authority to inject and establishment of the water flood project. The Division will also be considering Shell Western's applications for creation of a new pool and statutory unitization during the same hearing.

Shell Western is required by rules of the Oil Conservation Division to give notice of its application for authority to inject to all surface owners of land on which injection wells are to be located and to offset operators within 1/2 mile of an injection well and to furnish such persons with a copy of the application.

Attached is a location map and proposed unit outline showing the land to be included in the Northeast Drinkard Unit. More detail as to specific injection well locations is contained within the enclosed application.

CTCF8724303

As stated earlier, Shell Western is seeking approval of the proposed injection wells in order to conduct a water flood in the Northeast Drinkard Unit. Please be assured that Shell Western will operate its injection wells in strict accordance with applicable State and Federal regulations designed to protect underground sources of fresh water.

Yours very truly,

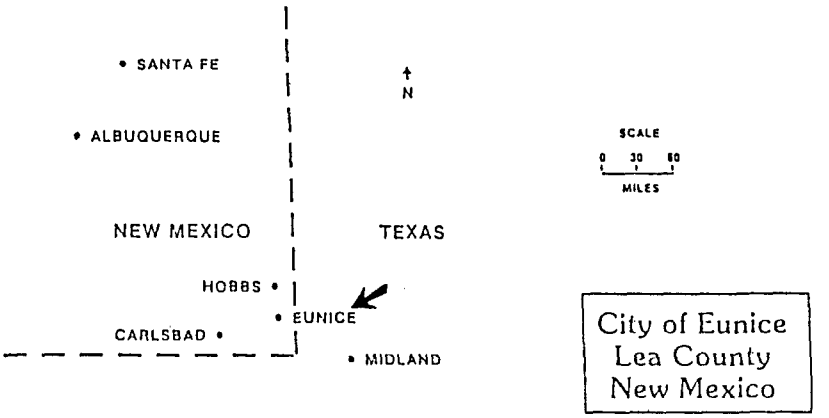
T. J. Fusselman

T. J. Fusselman
E&P-Western U.S.
Legal Department
On behalf of Shell Western E&P Inc.

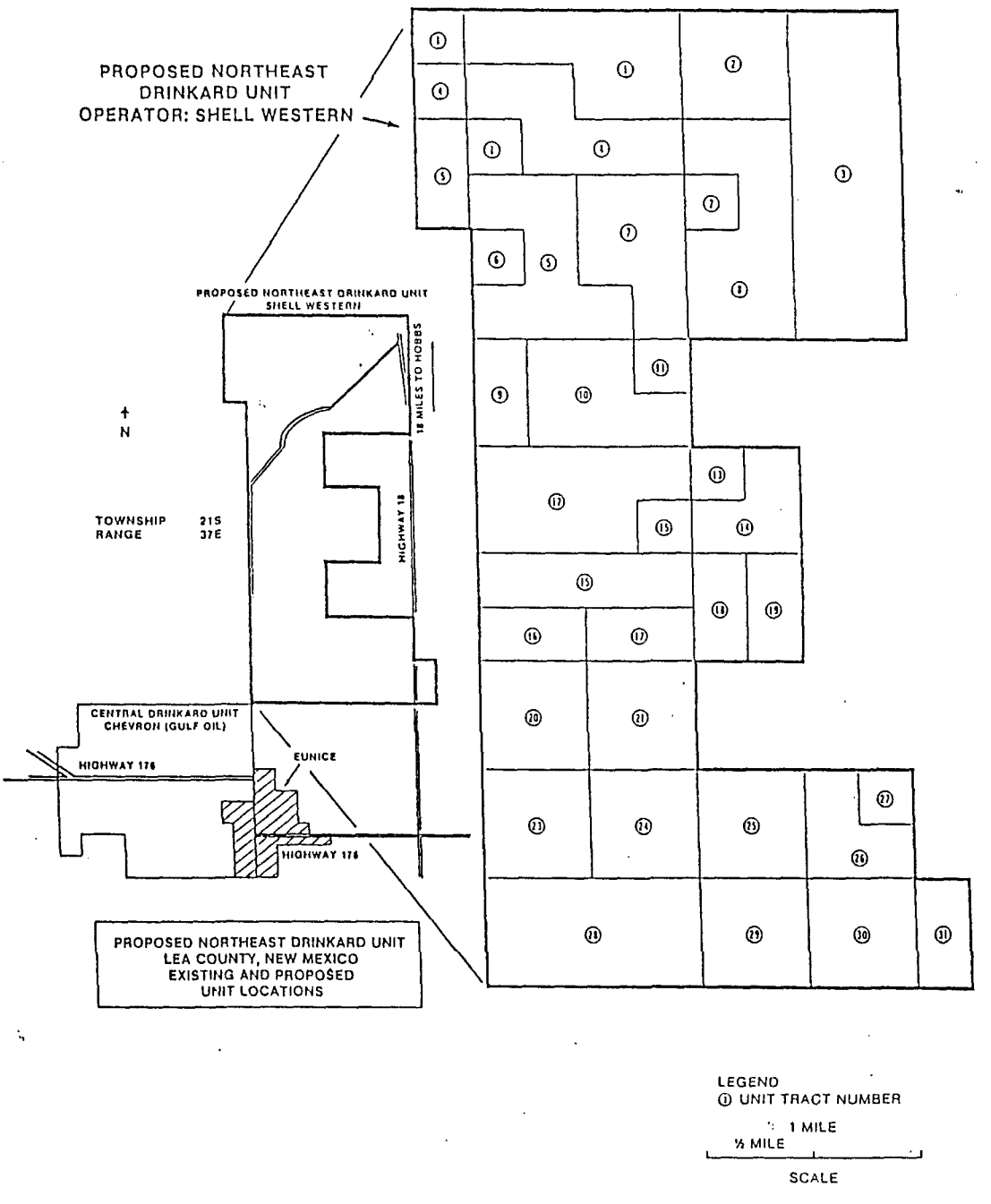
TJF:BH

cc - Shell Western E&P Inc.
J. H. Smitherman
R. L. Sykes
A. J. Fore
D. E. Burbank
J. Goforth

Location Map



Proposed Unit Outline



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

FORM C-108
Revised 7-1-81

Case 9232

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: [X] Secondary Recovery [ ] Pressure Maintenance [ ] Disposal [ ] Storage
Application qualifies for administrative approval? [ ] yes [ ] no

II. Operator: Shell Western E&P Inc.

Address: P. O. Box 576 ; Houston, TX 77001

Contact party: D. E. Burbank Phone: (713) 870-2213

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? [ ] yes [X] no
If yes, give the Division order number authorizing the project _____.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: D. E. Burbank Title Production Engineer

Signature: Douglas E. Burbank Date: September 8, 1987

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Dis[illegible]

ATTACHMENT TO FORM C-108
AUTHORIZATION TO INJECT

NORTHEAST DRINKARD UNIT

II WELL DATA

B (5) next higher oil zone - Paddock
next lower oil zone - Abo

VII PROPOSED OPERATION

1.	Average Injection Rate	1350 BWPD per well
	Maximum Injection Rate	2000 BWPD per well
2.	Closed Injection System	
3.	Average Injection Pressure	1000 psi
	Maximum Injection Pressure	Approximately 1200 psi (will stay below 0.2 psi/ft to top perforation)
4.	Source Water - San Andres, analysis attached	

VIII INJECTION

Injection Zones -	Blinebry	5530' Top
	Tubb	
	Drinkard	6680' Bottom

(See attached Core Data Summary)

Fresh Water Source(s), analysis attached

IX STIMULATION PROGRAM

Acid treatments with 15% HCl

CORE DATA SUMMARY

$k \geq 0.1$ md

	BLINEBRY	TUBB	DRINKARD
POROSITY (%)	9.79	8.28	11.00
PERM. (md)	2.45	1.19	2.45
LITHOLOGY	DOLOMITE PACKSTONE	SANDY DOLOMITE	LIMESTONE PACKSTONE GRAINSTONE
PORE TYPES	BP, BC, MO		BP, MO

2VW001107

SWEP-257

SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

MID-CONTINENT DIVISION

SAMPLE DESCRIPTION

COMPANY SWEPI
FIELD DRINKARD
LEASE TURNER
WELL NUMBER 2
COUNTY & STATE LEA, NEW MEXICO
PRODUCING FORMATION BLINEBERRY
WHERE SAMPLED
REMARKS

LABORATORY
LABORATORY NUMBER
DATE SAMPLE TAKEN 4/8
DATE SAMPLE RECEIVED 4/8
DATE SAMPLE REPORTED 4/9

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $CaCO_3$ 30500

TOTAL ALKALINITY Mg/L AS $CaCO_3$ 202

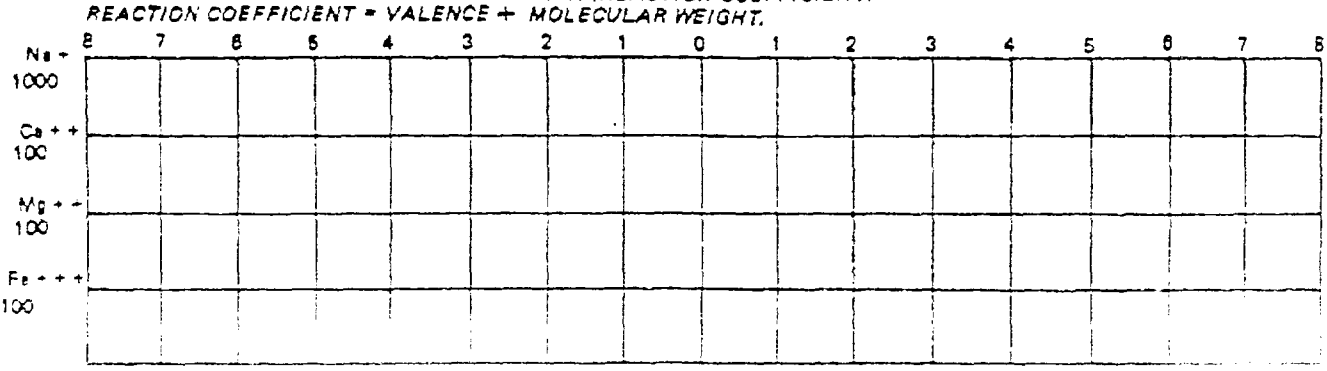
CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na^+	46995	0.04350	
CALCIUM – Ca^{++}	7400	0.04990	
MAGNESIUM – Mg^{++}	2916	0.08224	
IRON TOTAL – Fe^{++} & Fe^{+++}	44	0.03581	
BARIUM – Ba^{++}	0	0.01480	
POSITIVE SUB-TOTAL	57355		
CHLORIDE – Cl^-	93035	0.02820	
CARBONATE & BICARBONATE – $CO_3^=$ & HCO_3^-	246	0.01639 *	
SULFATE – $SO_4^=$	1262	0.02082	
HYDROXYL – OH^-	0	0.05880	
SULFIDE – $S^=$	0	0.06238	
NEGATIVE SUB-TOTAL	94543		
TOTAL DISSOLVED SOLIDS	151898		

* BICARBONATE

SPECIFIC GRAVITY 1.1068 @ 60 °F pH 6.33 RES. .069 @ 80 °F

ANALYST
REQUESTED BY

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



$CaCO_3$ 0.44
$CaSO_4$ N

SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

WESTERN DIVISION

SAMPLE DESCRIPTION

COMPANY Shell Western E&P, Inc.
FIELD
LEASE CDU
WELL NUMBER
COUNTY & STATE
PRODUCING FORMATION San Andres
WHERE SAMPLED Water Supply Well #200
REMARKS

LABORATORY Martin Water Labs., Inc.
LABORATORY NUMBER 387246
DATE SAMPLE TAKEN 3-17-87
DATE SAMPLE RECEIVED 3-26-87
DATE SAMPLE REPORTED 3-30-87

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $CaCO_3$
TOTAL ALKALINITY Mg/L AS $CaCO_3$ 760

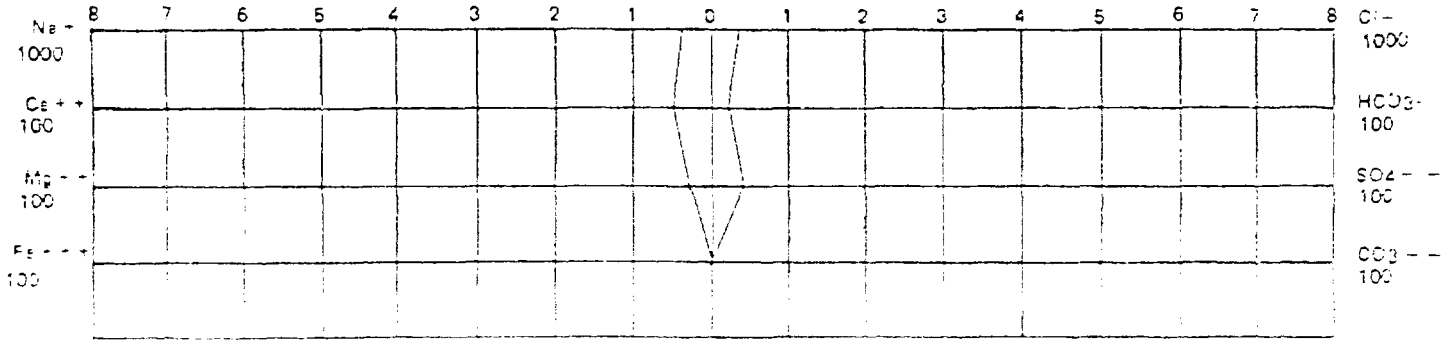
CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na^+	10,057	0.04350	437.3
CALCIUM – Ca^{++}	1,000	0.04990	49.9
MAGNESIUM – Mg^{++}	334	0.08224	27.5
IRON TOTAL – Fe^{++} & Fe^{+++}	2.9	0.03581	0.1
BARIUM – Ba^{++}		0.01460	
POSITIVE SUB-TOTAL	11,394		514.8
CHLORIDE – Cl^-	14,914	0.02820	420.6
[illegible] & BICARBONATE – [illegible] & HCO_3^-	927	0.01639 *	15.2
SULFATE – $SO_4^=$	2,027	0.02082	42.2
HYDROXYL – OH^-	0	0.05880	0.0
SULFIDE – $S^=$	589	0.06238	36.8
NEGATIVE SUB--TOTAL	18,457		514.8
TOTAL DISSOLVED SOLIDS	29,851		1,029.6

* BICARBONATE

SPECIFIC GRAVITY 1.0222 @ 60 °F pH 6.74 RES. 0.270 @ 80 °F

ANALYST
REQUESTED BY Mr. Donnie Anderson, Hobbs

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



$CaCO_3$ −0.87 (NONE

$CaSO_4$ N

SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

WESTERN DIVISION

SAMPLE DESCRIPTION

COMPANY Shell Western E&P, Inc.
FIELD Drinkard
LEASE Argo
WELL NUMBER #5
COUNTY & STATE Lea, NM
PRODUCING FORMATION Tubb
WHERE SAMPLED
REMARKS

LABORATORY Martin Water Labs., Inc.
LABORATORY NUMBER 38790
DATE SAMPLE TAKEN
DATE SAMPLE RECEIVED 3-12-87
DATE SAMPLE REPORTED 3-16-87

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $CaCO_3$ 5,750

TOTAL ALKALINITY Mg/L AS $CaCO_3$ 90

CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na^+	6,152	0.04350	267.4
CALCIUM – Ca^{++}	1,640	0.04990	81.8
MAGNESIUM – Mg^{++}	401	0.08224	33.0
IRON TOTAL – Fe^{++} & Fe^{+++}	255	0.03581	9.2
BARIUM – Ba^{++}	0	0.01460	0.0
POSITIVE SUB–TOTAL	8,448		391.4
CHLORIDE – Cl^-	13,494	0.02820	380.5
~~CARBONATE~~ & BICARBONATE – ~~$CO_3^=$~~ & HCO_3^-	110	0.01639 *	1.8
SULFATE – $SO_4^=$	438	0.02082	9.1
HYDROXYL – OH^-	0	0.05880	0.0
SULFIDE – $S^=$	0.0	0.06235	0.0
NEGATIVE SUB--TOTAL	14,041		391.4
TOTAL DISSOLVED SOLIDS	22,490		782.8

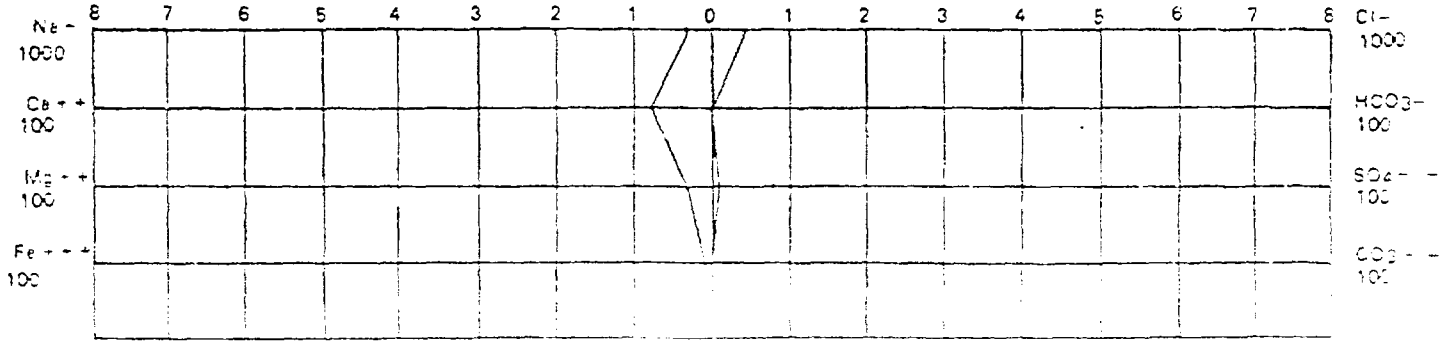
* BICARBONATE

SPECIFIC GRAVITY 1.0181 @ 60 °F pH 6.02 RES. 0.390 @ 80 °F

ANALYST

REQUESTED BY Mr. Donnie Anderson, Hobbs

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



$CaCO_3$ -0.58(NONE

$CaSO_4$ N

SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

WESTERN DIVISION

SAMPLE DESCRIPTION

COMPANY Shell Western E&P, Inc.
FIELD Drinkard
LEASE Argo "A"
WELL NUMBER #3
COUNTY & STATE Lea, NM
PRODUCING FORMATION Drinkard
WHERE SAMPLED
REMARKS

LABORATORY Martin Water Labs., Inc.
LABORATORY NUMBER 38791
DATE SAMPLE TAKEN
DATE SAMPLE RECEIVED 3-12-87
DATE SAMPLE REPORTED 3-16-87

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $Ca CO_3$ 23,200

TOTAL ALKALINITY Mg/L AS $Ca CO_3$ 106

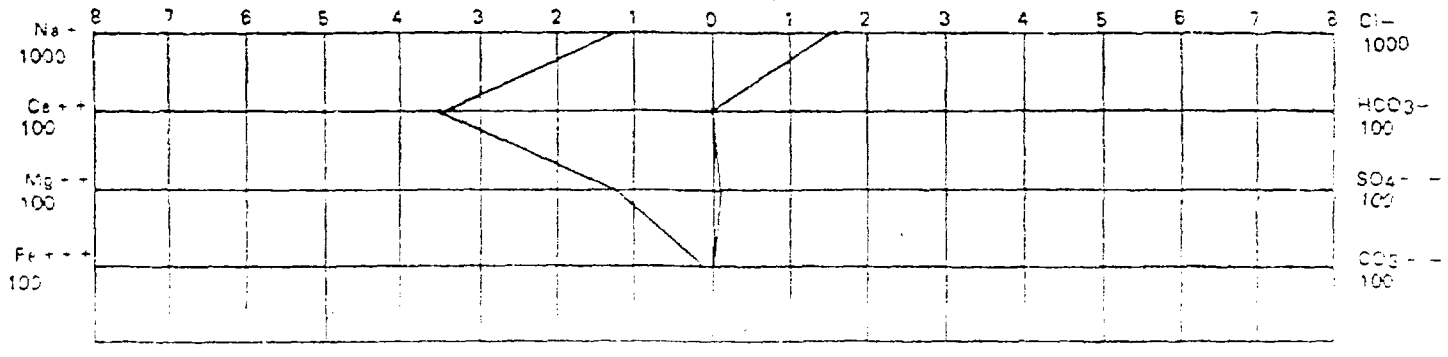
CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na +	26,603	0.04350	1,156.6
CALCIUM – Ca^{++}	6,920	0.04990	345.3
MAGNESIUM – Mg^{++}	1,434	0.08224	117.9
IRON TOTAL – Fe^{++} & Fe^{+++}	351	0.03581	12.6
BARIUM – Ba^{++}	0	0.01460	0.0
POSITIVE SUB–TOTAL	35,308		1,632.4
CHLORIDE – Cl –	57,525	0.02820	1,622.2
~~CARBONATE~~ & BICARBONATE – ~~CO_3~~ = & HCO_3 –	129	0.01639 *	2.1
SULFATE – SO_4 =	390	0.02082	8.1
HYDROXYL – OH –	0	0.05880	0.0
SULFIDE – S =	0.0	0.06238	0.0
NEGATIVE SUB–TOTAL	58,045		1,632.4
TOTAL DISSOLVED SOLIDS	93,353		3,264.8

* BICARBONATE

SPECIFIC GRAVITY 1.0651 @ 60 °F pH 5.9 RES. 0.098 @ 80 °F

ANALYST
REQUESTED BY Mr. Donnie Anderson, Hobbs

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



SWEP-257

$CaCO_3$ 0.63

$CaSO_4$ 10.22

SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

WESTERN DIVISION

SAMPLE DESCRIPTION

COMPANY Shell Western E&P, Inc.
FIELD Drinkard
LEASE Sarkey
WELL NUMBER
COUNTY & STATE Lea, NM
PRODUCING FORMATION
WHERE SAMPLED
REMARKS

LABORATORY Martin Water Labs., Inc.
LABORATORY NUMBER 48739
DATE SAMPLE TAKEN 3-30-87
DATE SAMPLE RECEIVED 4-2-87
DATE SAMPLE REPORTED 4-8-87

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $CaCO_3$ 29,600

TOTAL ALKALINITY Mg/L AS $CaCO_3$ 330

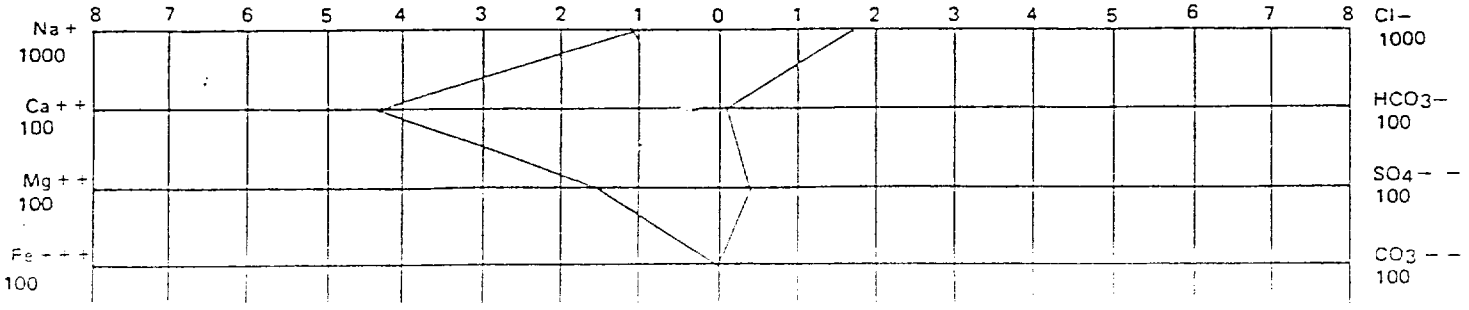
CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na^+	25,607	0.04350	1,113.4
CALCIUM – Ca^{++}	8,680	0.04990	433.1
MAGNESIUM – Mg^{++}	1,920	0.08224	157.9
IRON TOTAL – Fe^{++} & Fe^{+++}	21.6	0.03581	0.8
BARIUM – Ba^{++}	0	0.01460	0.0
POSITIVE SUB–TOTAL	36,228		1,705.2
CHLORIDE – Cl^-	58,946	0.02820	1,662.3
~~CARBONATE~~ & BICARBONATE – ~~$CO_3^=$~~ & HCO_3^-	403	0.01639 *	6.6
SULFATE – $SO_4^=$	1,742	0.02082	36.3
HYDROXYL – OH^-	0	0.05880	0.0
SULFIDE – $S^=$	0.0	0.06238	0.0
NEGATIVE SUB–TOTAL	61,090		1,705.2
TOTAL DISSOLVED SOLIDS	97,318		3,410.4

* BICARBONATE

SPECIFIC GRAVITY 1.0770 @ 60 °F pH 6.49 RES. 0.096 @ 80 °F

ANALYST
REQUESTED BY Mr. Donnie Anderson, Hobbs

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



UNICHEM INTERNATIONAL

Home Office 707 N. Leech, P.O. Box 1499 / Hobbs, NM 88240 / Ph. 505/393-7751, TWX 910/986-0010

W A T E R A N A L Y S I S

ALL RESULTS EXPRESSED IN PPM UNLESS OTHERWISE NOTED

CLIENT NAME: SHELL OIL CO.
FACILITY: DRINKARD
LOCATION: SEC. 10

DATE: 09/08/87
SAMPLE DATE: 09/08/87
DATE ANALYZED: 09/08/87

SAMPLE IDENTIFICATION :		NORTH	SOUTH
pH		7.43	7.45
PHENO ALKALINITY	(CaCO3)	NIL	NIL
TOTAL ALKALINITY	(CaCO3)	164	246
BICARBONATE	(HCO3)	200.1	300.1
CARBONATE	(CO3)	NIL	NIL
HYDROXIDE	(OH)	NIL	NIL
TOTAL HARDNESS	(CaCO3)	880	344
CALCIUM	(Ca)	200.0	78.4
CALCIUM	(CaCO3)	500	196
MAGNESIUM	(Mg)	91.2	35.5
MAGNESIUM	(CaCO3)	380	148
CHLORIDE	(Cl)	438	130
CHROMATE	(CrO4)	***	***
SULFATE	(SO4)	345	438
TOTAL PHOSPHATE	(PO4)	***	***
ORTHO PHOSPHATE	(PO4)	***	***
POLY PHOSPHATE	(PO4)	***	***
SILICA	(SiO2)	***	***
SILICA	(CaCO3)	***	***
SPECIFIC CONDUCTANCE	(mmhos)	2230	1270
IRON	(Fe)	***	***
COPPER	(Cu)	***	***
CALCULATED :			
TOTAL DISSOLVED SOLIDS		1394	1231
SODIUM	(Na)	120	249

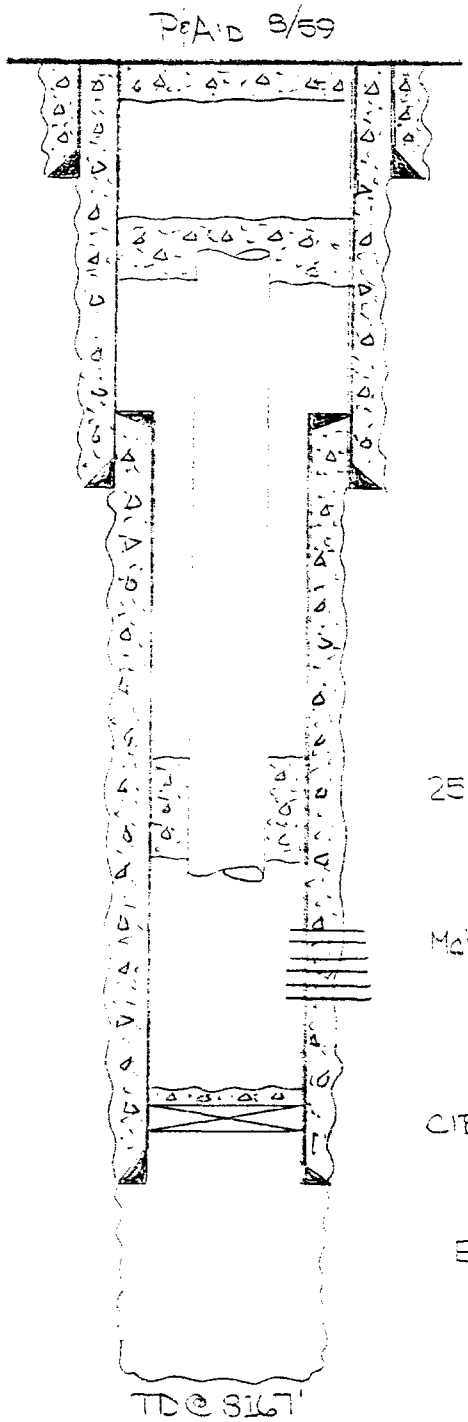
ANALYZED BY: _____ (HOBBS LAB) APPROVED BY: _____

*** INDICATES THAT THIS TEST WAS NOT RUN

P+A'd WELL

SWEPI's LIVINGSTON #4

UNIT LETTER W
3-21S-37E
LEA COUNTY, NEW MEXICO



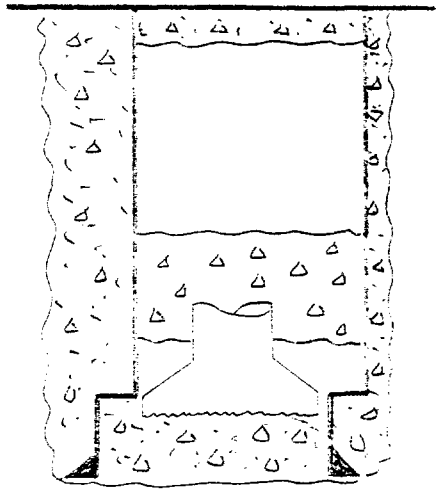
VRJ 9/87

P+A'd well

CONOCO'S HANK B-3 #21

3300' FNL & 660' FNL
3-21S-37E
LEA COUNTY, NEW MEXICO

P&A'D 8/62



10' PLUG AT SURFACE

25SX FROM 1317' TO 1246'

DRILL PIPE CUT AT 1317'

CSG PARTED AT 1320'

9 5/8" @ 1370'
W/ 500SX

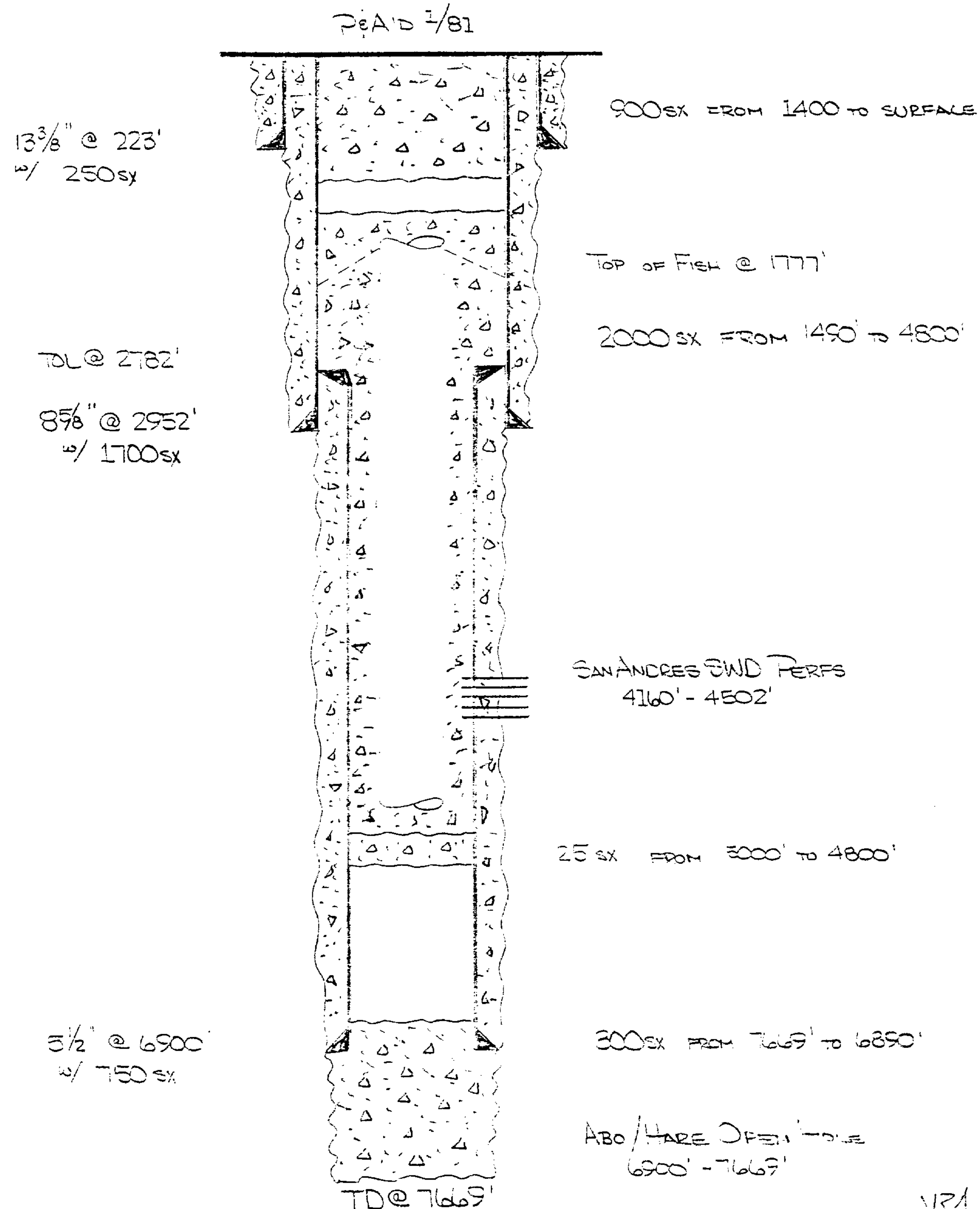
* AFTER SETTING 9 5/8" STRING — CSG PARTED AND MILL BECAME STUCK AT 1320'. PIPE CUT AT 1317'. TWO PLUGS SET TO P&A.

VJ 9/87

P+A'd well

SWEPI's Sarkey's No. 5

2310' FSL & 2310' FWL
23-21S-37E
Lea County, New Mexico

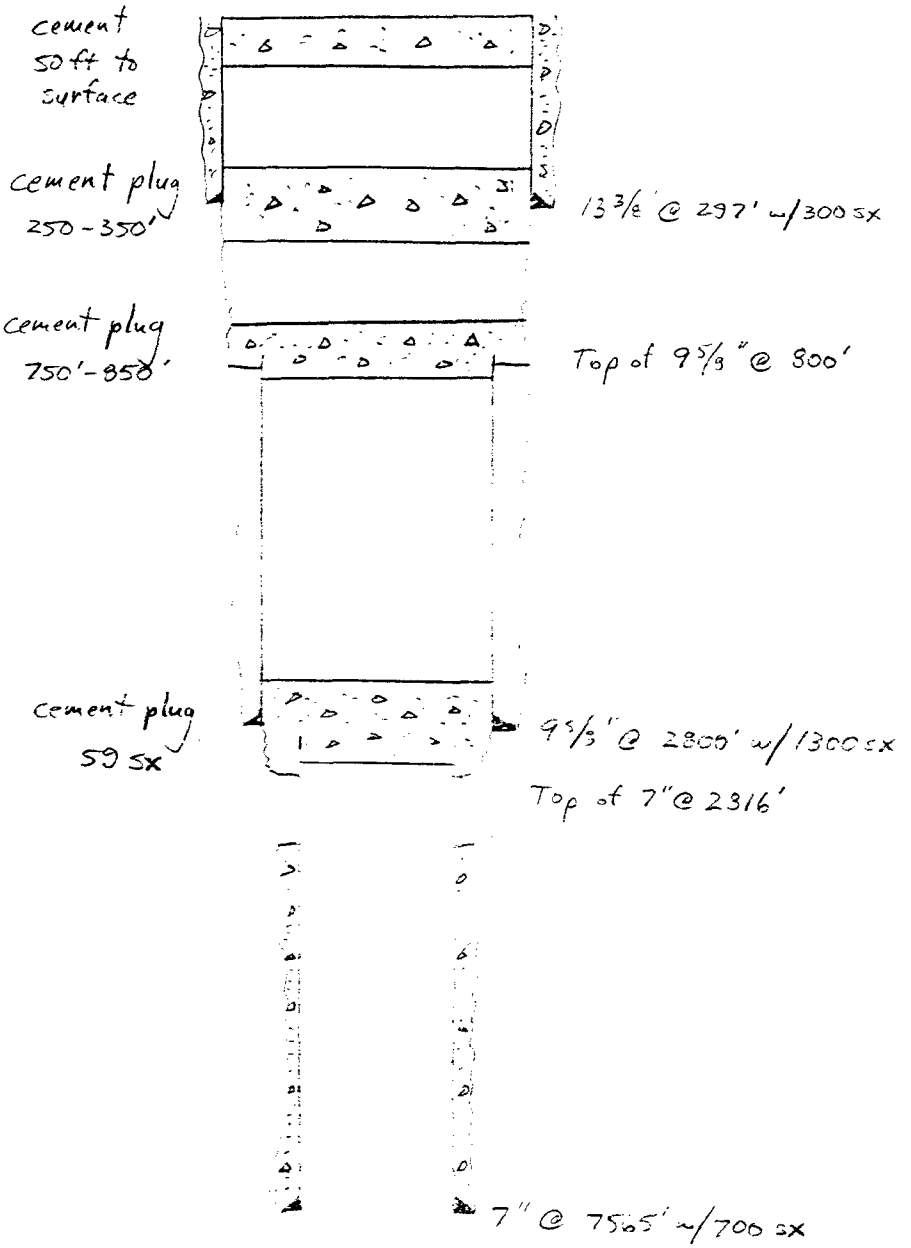


VRJ
3/87

P+A'd well

GULF EUBANK #6

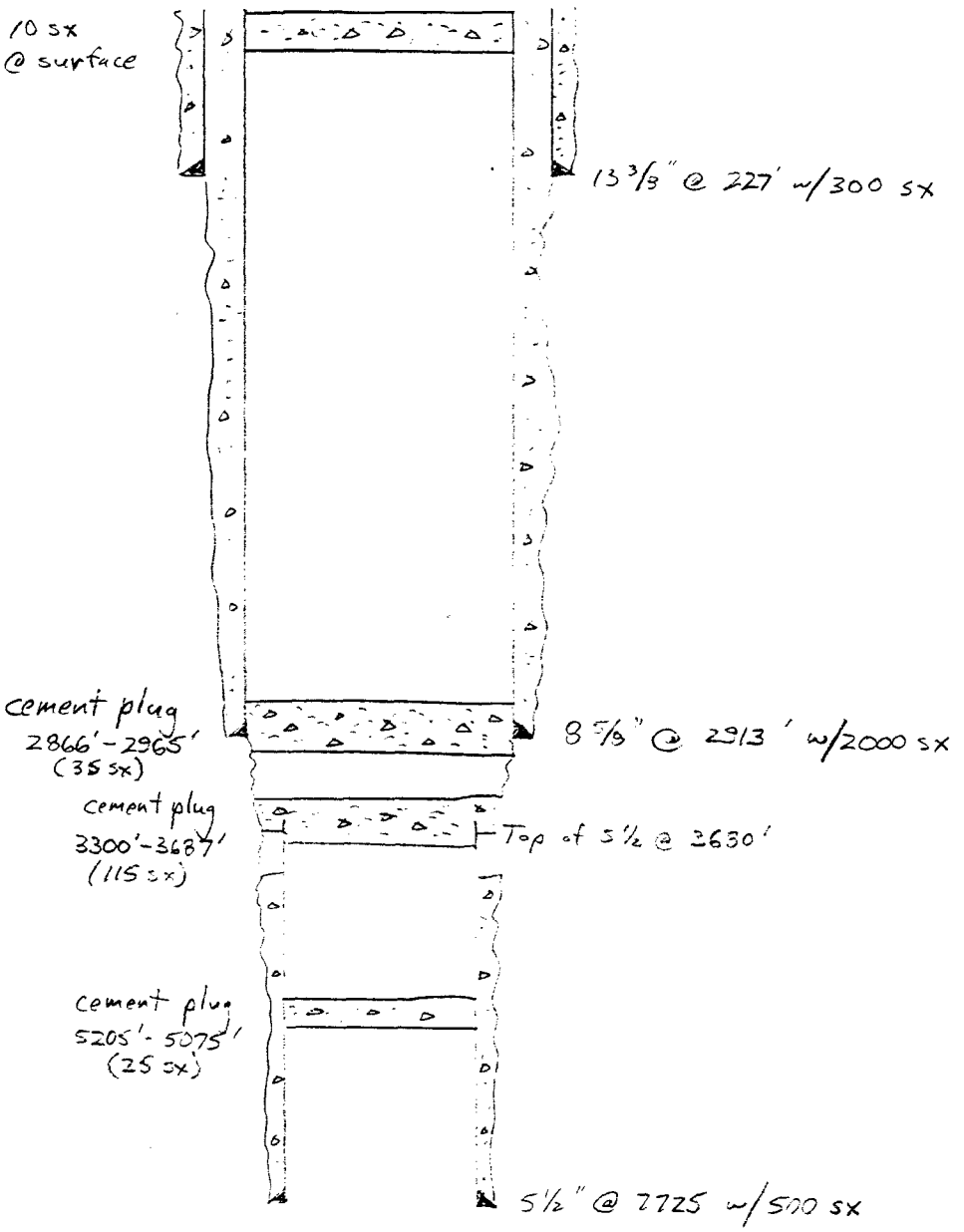
UNIT LETTER O
22-21S-37E



P+A'd well

Shell Turner #9

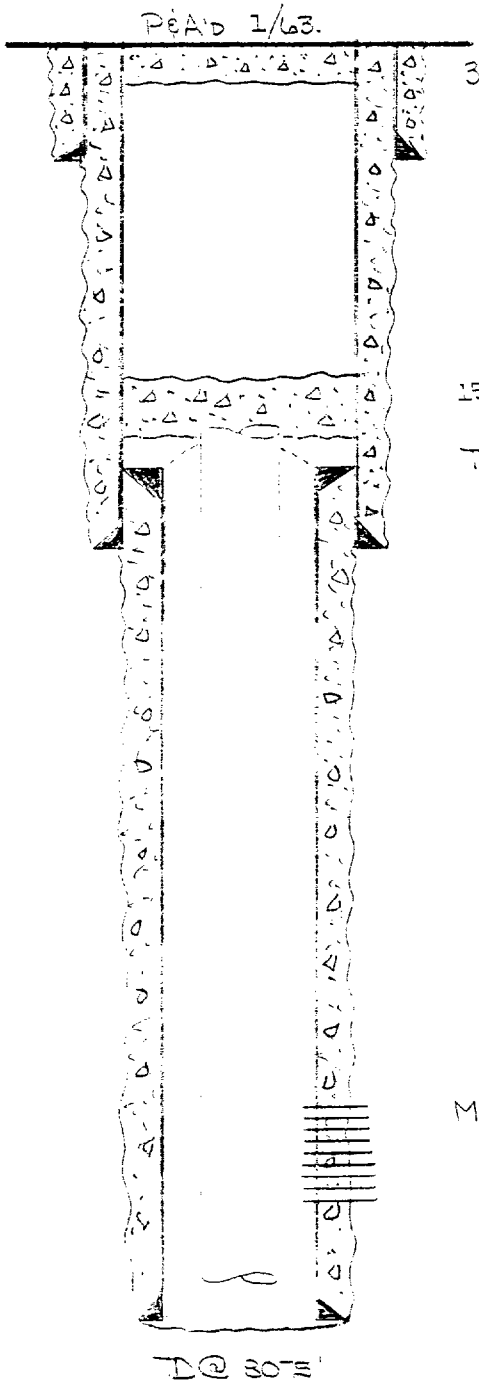
UNIT LETTER K
22-21S-37E



P+A'd well

SWEPI's State Section 2 = 12

Unit Letters
2-21S-37E
Lea County, New Mexico

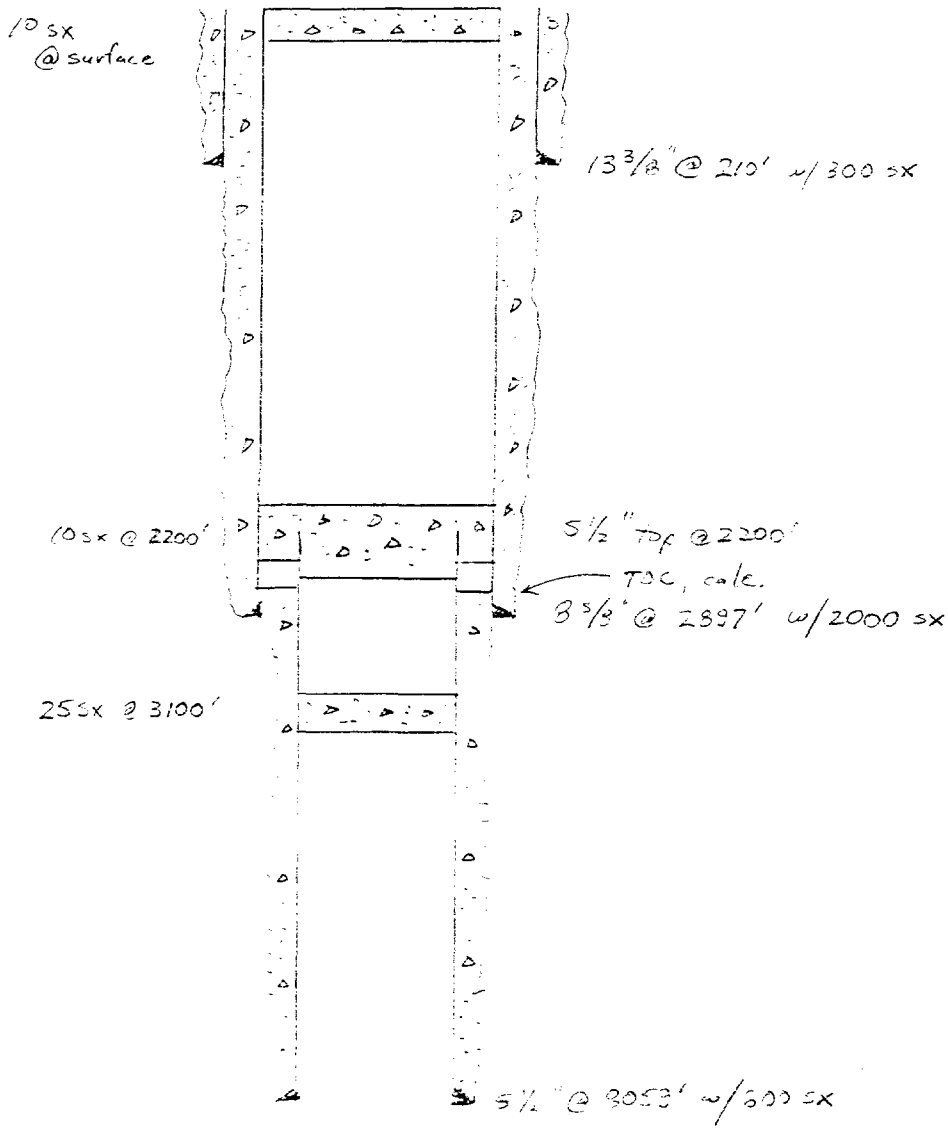


VTJ 9/87

P+A'd well

SHELL TURNER #7

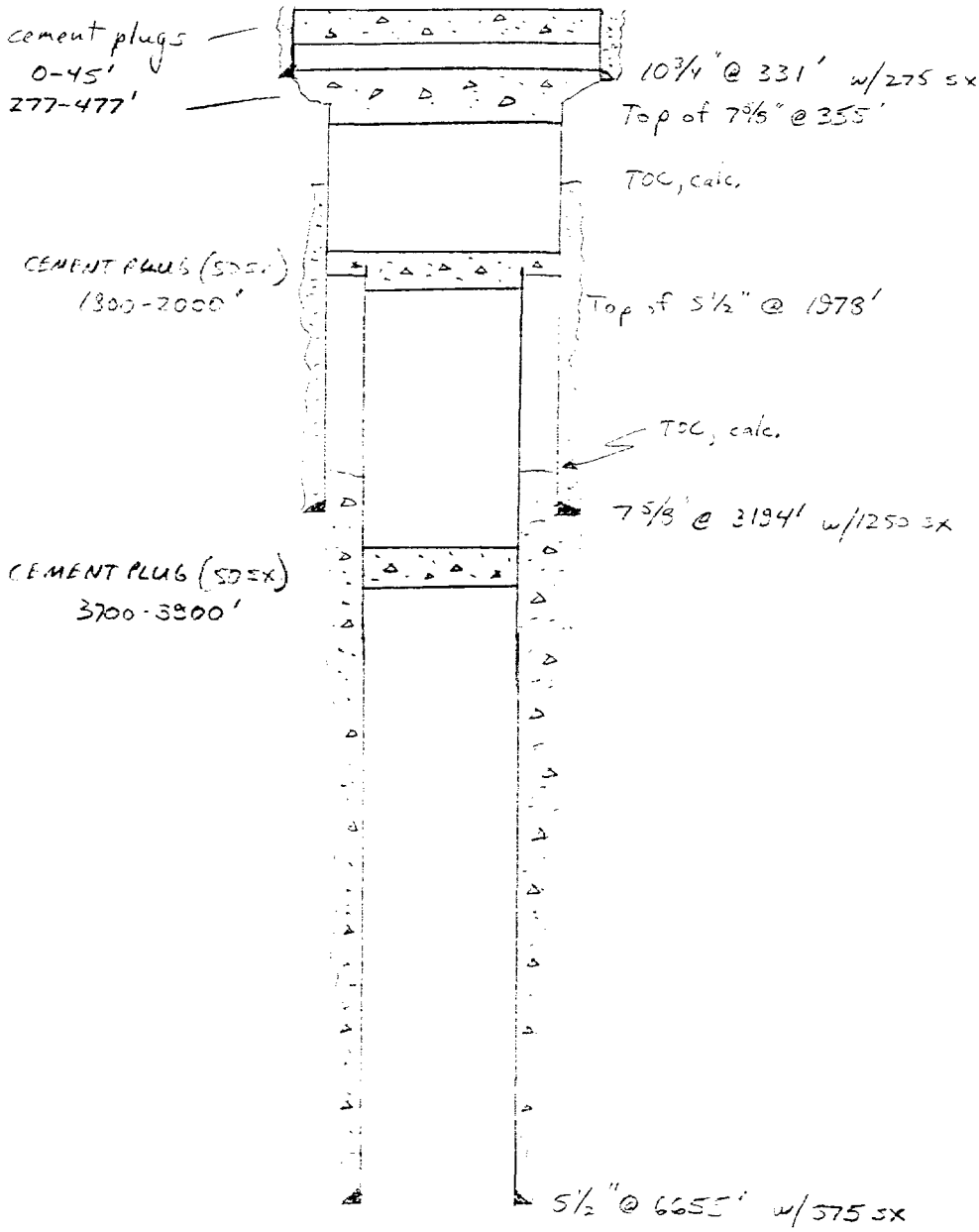
3630' FNL, 4950' FEL
22-21S-37E



P+A'd well

HUMBLE NM STATE 1 #2

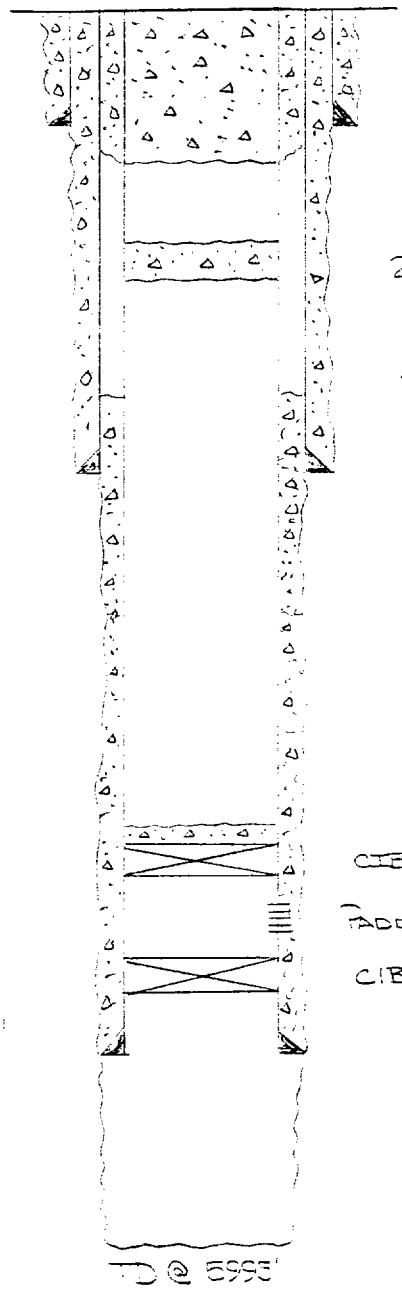
SE/4 of SW/4
SEC. 10, 21S-37E
LEA COUNTY, NEW MEXICO



P+A'd well

GULF'S HARRY LEONARD #13

UNIT LETTER 2
2-21S-37E
LEA COUNTY, NEW MEXICO



$13\frac{3}{8}$" @ 318'
w/ 425 sx

PERF'D AT 445', CIRCULATED CMT TO SURFACE THEN SPOTTED PLUG FROM 445' TO SURFACE (135 sx TOTAL)

25 sx FROM 1650' TO 1400'

TOC @ ±2100' (CALC.)

$8\frac{5}{8}$" @ 3099'
w/ 2025 sx

CIBP @ 5570' CAPPED w/ 10 sx

PADDOCK PERFS (5620' - 5786')

CIBP @ 5805'

$5\frac{1}{2}$" @ 5879'
w/ 670 sx

BLINEBRY OPEN HOLE
(5879' - 5995')

TD @ 5995'

VRJ
9/87

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	1	NAT RES GRP	ANNA-FED	1	990 FNL, 330 FWL	11/69	1/70	7600	9 5/8	808	300SX	OIL
									7	7593	750SX	
		MORAN OIL	DAURON	1	2310 FNL, 330 FWL	1/55	2/55	5960	10 3/4	224	200SX	OIL
									7 5/8	3045	1100SX	
									5 1/2	5935	200SX	
		LEONARD OIL	ELLIOTT-FED	1	1659 FSL, 330 FWL	12/51	3/52	8613	13 3/8	240	225SX	OIL
									8 5/8	1750	1750SX	
									5 1/2	7370	125SX	
		ELLIOT INC	ELLIOTT-FED B	1	2970 FSL, 330 FWL	7/54	7/54	5971	10 3/4	218	250SX	OIL
									8 5/8	3087	1150SX	
									5 1/2	5885	350SX	
		ELLIOT INC	ELLIOTT-FED B	4	3630 FSL, 330 FWL	11/54	12/54	5996	8 5/8	3029	1300SX	OIL
									5 1/2	5890	500SX	
		FULLERTON OIL	ELLIOTT-FED	1	660 FSL, 660 FWL	9/51	11/51	8370	13 3/8	238	250SX	OIL
									8 5/8	3150	1380SX	
									5 1/2	8333	738SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	2	AZTEC O&G	STATE	1	3300 FSL, 660 FWL	5/49	6/49	6810	13 3/8	160	175SX	OIL
									9 5/8	2940	850SX	
									7	6810		
		AZTEC O&G	STATE	2	1896 FNL, 660 FWL	1/50	8/51	8620	13 3/8	152	165SX	INJ
									9 5/8	3005	3200SX	
									7	8500	550SX	
		AZTEC O&G	STATE	3	3175 FSL, 660 FWL	2/51	4/51	8083	13 3/8	245	200SX	OIL
									8 5/8	3000	1800SX	
									5 1/2	8010	550SX	
		AZTEC O&G	STATE	4	2970 FSL, 990 FWL	12/51	2/52	8005	13 3/8	253	240SX	OIL
									8 5/8	2996	2400SX	
									5 1/2	8004	550SX	
		AZTEC O&G	STATE	5	5610 FSL, 1650 FWL	1/53	7/53	6011	13 3/8	200	225SX	OIL
									8 5/8	3015	1650SX	
									5 1/2	5980	225SX	
		AZTEC O&G	STATE	6	906 FNL, 660 FWL	3/54	5/54	6030	13 3/8	208	240SX	INJ
									8 5/8	3008	1750SX	
									5 1/2	6030	250SX	
		AZTEC O&G	STATE	7	921 FNL, 1650 FWL	5/54	6/54	6060	13 3/8	215	250SX	OIL
									8 5/8	3030	1600SX	
									5 1/2	6030	225SX	
		AZTEC O&G	STATE	8	5790 FSL, 660 FWL	12/55	1/56	6010	13 3/8	218	200SX	OIL
									8 5/8	3092	2100SX	
									5 1/2	6010	210SX	
		AZTEC O&G	STATE	9	1973 FNL, 1650 FWL	4/62	7/62	5780	13 3/8	329	325SX	OIL
									8 5/8	1425		
									5 1/2	5682	570SX	
		GULF	H LEONARD A	12	860 FSL, 1980 FEL	3/52	5/52	7778	12 3/4	259	300SX	OIL
									8 5/8	2989	1100SX	
									5 1/2	7777	870SX	
		GULF	H LEONARD A	14	555 FSL, 555 FEL	5/52	6/52	8013	12 3/4	287	300SX	OIL
									8 5/8	3049	1100SX	
									5 1/2	8008	925SX	
		GULF	H LEONARD A	20	2982 FSL, 2317 FEL	11/52	3/53	8285	13 3/8	271	300SX	INJ
									8 5/8	2498	1700SX	
									5 1/2	8258	675SX	
		GULF	H LEONARD A	24	4303 FSL, 2317 FEL	2/53	4/53	8700	13 3/8	299	350SX	OIL
									9 5/8	2999	1350SX	
									5 1/2	8280	700SX	
		GULF	H LEONARD A	43	990 FNL, 2310 FEL	7/54	8/54	5995	13 3/8	318	425SX	OIL
									8 5/8	3099	2025SX	
									5 1/2	5879	670SX	
		GULF	H LEONARD-ST	2	660 FSL, 1980 FEL	12/51	2/52	7926	13 3/8	264	300SX	OIL
									9 5/8	3026	1200SX	
									5 1/2	7925	850SX	
		GULF	H LEONARD-ST	3	660 FSL, 660 FEL	2/52	3/52	8168	13 3/8	225	350SX	OIL
									8 5/8	2084	1075SX	
									5 1/2	8167	975SX	
		GULF	HARRY LEONARD E	6	1980 FSL, 1980 FEL		12/51	8350	16	253	300SX	OIL
									10 3/4	2904	1600SX	
									7	8350	300SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
		GULF	H LEONARD-ST	8	660 FSL, 330 FEL	4/53	5/53	5970	12 3/4	309	350SX	OIL
									8 5/8	3099	2300SX	
									5 1/2	5750	195SX	
		GULF	H LEONARD-ST	9	1650 FSL, 990 FEL	5/53	8/53	8470	13 3/8	109	150SX	OIL
									8 5/8	3099	1375SX	
									5 1/2	8300	180SX	
		GULF	H LEONARD-ST	10	2220 FNL, 2307 FEL	4/54	5/54	5950	13 3/8	375	475SX	INJ
									8 5/8	3024	1550SX	
									5 1/2	5844	560SX	
		GULF	H LEONARD-ST	11	2970 FSL, 990 FEL	5/54	6/54	5950	13 3/4	336	450SX	OIL
									9 5/8	3044	1400SX	
									7	5834	600SX	
		GULF	H LEONARD-ST	12	3534 FNL, 990 FEL	6/54	8/54	5975	13 3/8	332	450SX	OIL
									8 5/8	3039	1900SX	
									5 1/2	5859	605SX	
		GULF	H LEONARD-ST	14	2886 FNL, 2307 FEL	8/54	9/54	5975	13 3/8	330	350SX	OIL
									8 5/8	3548	1500SX	
									5 1/2	5829	500SX	
		GULF	H LEONARD-ST	15	3312 FSL, 2317 FEL	8/54	10/54	8150	13 3/8	325	375SX	OIL
									8 5/8	3003	1350SX	
									5 1/2	8149	950SX	
		GULF	H LEONARD-ST	16	2217 FNL, 989 FEL	9/54	10/54	5975	13 3/8	332	375SX	OIL
									8 5/8	3099	1800SX	
									5 1/2	5889	775SX	
		GULF	H LEONARD-ST	17	897 FNL 990 FEL	10/54	11/54	5980	13 3/8	327	375SX	OIL
									8 5/8	3098	1700SX	
									5 1/2	5924	750SX	
		GULF	H LEONARD-ST	18	1650 FSL, 1980 FEL	12/54	1/55	5925	13 3/8	312	375SX	OIL
									9 5/8	3340	1655SX	
									5 1/2	5764	675SX	
		GULF	H LEONARD-ST	19	660 FSL, 1780 FEL	1/55	2/55	5925	13 3/8	334	575SX	OIL
									8 5/8	3049	200SX	
									5 1/2	5769	825SX	
		SHELL	STATE 2	1	1980 FSL, 660 FWL	8/49	9/49	6746	13 3/8	226	300SX	OIL
									8 5/8	3047	2000SX	
									5 1/2	6670	500SX	
		SHELL	STATE 2	2	4620 FSL, 660 FWL	10/49	12/49	6760	13 3/8	224	300SX	OIL
									8 5/8	2936	2200SX	
									5 1/2	6660	600SX	
		SHELL	STATE 2	3	660 FSL, 660 FWL	7/50	9/50	7906	13 3/8	223	300SX	OIL
									8 5/8	3150	2200SX	
									5 1/2	7760	500SX	
		SHELL	STATE 2	4	710 FSL, 610 FWL	11/50	11/50	6718	13 3/8	228	250SX	OIL
									8 5/8	3150	1700SX	
									5 1/2	6536	500SX	
		SHELL	STATE 2	5	1880 FSL, 560 FWL	12/50	1/51	7956	13 3/8	224	250SX	OIL
									8 5/8	3142	2000SX	
									5 1/2	7810	500SX	
		SHELL	STATE 2	6	1980 FSL, 1980 FWL	5/51	7/51	8207	13 3/8	225	330SX	OIL
									8 5/8	3769	2000SX	
									5 1/2	8065	1082SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
		SHELL	STATE 2	7	660 FSL, 1980 FWL	7/51	9/51	7854	13 3/8	225	250SX	OIL
									8 5/8	3162	1950SX	
									5 1/2	7852	825SX	
		SHELL	STATE 2	8	3546 FNL, 660 FWL	9/51	11/51	8156	13 3/8	219	250SX	OIL
									8 5/8	3147	2000SX	
									5 1/2	8018	500SX	
		SHELL	STATE 2	9	1980 FSL, 1880 FWL	11/51	12/51	6704	13 3/8	208	250SX	INJ
									8 5/8	3145	2000SX	
									5 1/2	2940		
										6701	755SX	
		SHELL	STATE 2	10	2310 FSL, 988 FWL	12/51	1/52	7985	13 3/8	211	250SX	OIL
									8 5/8	3152	1700SX	
									5 1/2	7984	870SX	
		SHELL	STATE 2	11	3376 FNL, 330 FWL	1/52	3/52	8015	13 3/8	211	250SX	OIL
									8 5/8	3140	2000SX	
									5 1/2	8014	850SX	
		SHELL	STATE 2	12	2250 FSL, 2140 FWL	1/52	3/52	8075	13 3/8	211	250SX	OIL
									8 5/8	3150	2200SX	
									5 1/2	8072	650SX	
		SHELL	STATE 2	13	2970 FSL, 1650 FWL	3/52	4/52	8143	13 3/8	193	250SX	OIL
									8 5/8	3148	1900SX	
									5 1/2	8032	500SX	
		SHELL	STATE 2	14	3630 FSL, 1770 FWL	4/52	6/52	7976	13 3/8	222	250SX	OIL
									8 5/8	3120	1700SX	
									5 1/2	2908		
										7975	300SX	
		SHELL	STATE 2	15	3546 FNL, 1650 FWL	6/52	7/52	8147	13 3/8	223	250SX	OIL
									8 5/8	3148	1600SX	
									5 1/2	3007		
										8010	800SX	
		SHELL	STATE 2	16	3546 FNL, 1700 FWL	7/52	9/52	8000	13 3/8	222	250SX	INJ
									8 5/8	3150	1800SX	
									5 1/2	2932		
										7997	825SX	
		SHELL	STATE 2	17	2886 FNL, 2970 FEL	6/54	7/54	5952	13 3/8	250	250SX	OIL
									8 5/8	3126	1500SX	
									5 1/2	5816	100SX	
		SHELL	STATE 2	18	3550 FSL, 2300 FWL	12/54	3/55	5956	13 3/8	256	250SX	OIL
									8 5/8	3108	1600SX	
									5 1/2	5955	200SX	
		SHELL	STATE 2	19	2310 FSL 2307 FWL	8/55	10/55	5950	13 3/8	298	300SX	OIL
									8 5/8	3199	1450SX	
									5 1/2	5950	200SX	
		SHELL	STATE 2	20	990 FSL, 2300 FWL	4/56	5/56	5914	13 3/8	283	300SX	OIL
									8 5/8	3148	1500SX	
									5 1/2	5913	100SX	
		SHELL	STATE 2	21	2205 FSL, 988 FWL	7/56	8/56	5925	13 3/8	301	300SX	OIL
									8 5/8	3148	1400SX	
									5 1/2	5922	100SX	
		SHELL	STATE 2	22	990 FSL, 990 FWL	9/56	10/56	5910	13 3/8	303	300SX	OIL
									8 5/8	3148	1100SX	
									5 1/2	5812	200SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	3	CONOCO	HAWK B-3	1	3300 FSL, 660 FEL	10/49	11/49	6782	13 3/8	222	250SX	OIL
									9 5/8	2819	650SX	
									7	6781		
		CONOCO	HAWK B-3	1E	510 FSL 660 FEL	12/50	2/51	7975	10 3/4	259	250SX	OIL
									7 5/8	3149	1175SX	
									5 1/2	7974	400SX	
		CONOCO	HAWK B-3	1S	810 FSL, 660 FEL	8/51	10/51	7825	10 3/4	260	250SX	OIL
									7 5/8	3149	1420SX	
									5 1/2	7805	625SX	
		CONOCO	HAWK B-3	2	3150 FSL, 1650 FEL	12/52	1/53	8114	13 3/4	250	250SX	INJ
									9 5/8	3133	1300SX	
									7	8113	900SX	
		CONOCO	HAWK B-3	2E	1830 FSL, 660 FEL	3/51	5/51	8021	10 3/4	268	250SX	INJ
									7 5/8	3128	1000SX	
									5 1/2	8014	400SX	
		CONOCO	HAWK B-3	3	1980 FSL, 1980 FEL	2/50	3/50	6747	13 3/8	199	250SX	OIL
									9 5/8	2969	1525SX	
									7	6746	875SX	
		CONOCO	HAWK B-3 FED	3	2970 FSL 510 FEL	11/51	1/52	8010	10 3/4	265	250SX	OIL
									7 5/8	3149	1050SX	
									5 1/2	8009	550SX	
		CONOCO	HAWK B-3	3E	2970 FSL, 660 FEL	5/51	6/51	8191	10 3/4	265	250SX	OIL
									7 5/8	3149	1110SX	
									5 1/2	8187	525SX	
		CONOCO	HAWK B-3	4	1980 FNL, 660 FEL	3/50	6/50	6829	13 3/8	211	250SX	OIL
									9 5/8	3029	1210SX	
									7	6829	770SX	
		CONOCO	HAWK B-3 FED	4	2130 FSL, 660 FEL	10/51	11/51	7845	10 3/4	265	250SX	OIL
									7 5/8	3115	942SX	
									5 1/2	7844	520SX	
		CONOCO	HAWK B-3 TB	4	660 FNL, 660 FWL	3/57	4/57	6010	10 3/4	259	250SX	OIL
									7 5/8	3154	1500SX	
									5 1/2	6010	350SX	
		CONOCO	HAWK B-3	4E	1650 FSL, 1650 FEL	9/51	11/51	8070	10 3/4	266	250SX	OIL
									7 5/8	3154	1355SX	
									5 1/2	8069	700SX	
		CONOCO	HAWK B-3	4S	1980 FSL 1830 FEL	1/52	3/52	8025	10 3/4	273	225SX	OIL
									7 5/8	3147	1100SX	
									5 1/2	8024	600SX	
		CONOCO	HAWK B-3	5	660 FSL, 660 FEL	4/50	6/50	6760	13 3/8	224	250SX	OIL
									9 5/8	3049	1200SX	
									7	6759	775SX	
		CONOCO	HAWK B-3	5E	2970 FSL, 1650 FEL	8/52	10/52	8302	13 3/4	269	260SX	OIL
									9 5/8	3149	1300SX	
									7			
		CONOCO	HAWK B-3	11	1980 FSL, 660 FEL	11/49	12/49	6753	13 3/8	232	250SX	OIL
									9 5/8	2895	1000SX	
									7	6752	625SX	
		CONOCO	HAWK B-3	14	660 FNL, 660 FEL	11/54	12/54	6020	10 3/4	290	300SX	OIL
									7 5/8	3038	1150SX	
									5 1/2	6019	510SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
		CONOCO	HAWK B-3	15	660 FNL, 1980 FEL	10/55	11/55	6025	11 3/4	270	375SX	INJ
									7 5/8	3061	1066SX	
									5 1/2	6024	375SX	
		CONOCO	HAWK B-3	16	660 FNL, 1980 FWL	9/56	11/56	6480	10 3/4	260	150SX	OIL
									7 5/8	3049	1805SX	
									5 1/2	6479	500SX	
		CONOCO	HAWK B-3	18	1980 FNL, 1980 FEL	4/57	5/57	5976	10 3/4	268	250SX	OIL
									7 5/8	3119	1150SX	
									5 1/2	5974	400SX	
		CONOCO	HAWK B-3	20	3300 FSL, 660 FEL			6782				OIL
									5 1/2	7824	400SX	
		CONOCO	HAWK B-3	21	3300 FNL, 660 FWL	7/62	8/62	2665				OIL
									9 5/8	1370	500SX	
		CONOCO	HAWK B-3	22	3300 FNL, 760 FWL	8/62	11/62	6800				OIL
									9 5/8	1310	625SX	
									7	6800	650SX	
		CONOCO	HAWK B-3	24	2232 FNL, 2310 FEL	4/80	6/80	6875				INJ
									8 5/8	1395	674SX	
									5 1/2	6875	2268SX	
		SHELL	LIVINGSTON	1	1980 FSL, 1980 FWL	9/49	11/49	6674	13 3/8	228	300SX	INJ
									8 5/8	2900	1800SX	
									5 1/2	6674	600SX	
		SHELL	LIVINGSTON	2	660 FSL, 1980 FEL	2/50	3/50	6674	13 3/8	224	300SX	INJ
									8 5/8	3148	2200SX	
									5 1/2	6674	600SX	
		SHELL	LIVINGSTON	3	560 FSL, 2030 FEL	2/51	5/51	8094	13 3/8	223	250SX	OIL
									8 5/8	3147	2200SX	
									5 1/2	7968	500SX	
		SHELL	LIVINGSTON	4	380 FSL, 2310 FEL	1/52	3/52	8167	13 3/8	151	200SX	OIL
									8 5/8	3147	2000SX	
									5 1/2	8018	800SX	
		SHELL	LIVINGSTON	5	660 FSL, 330 FWL	1/52	2/52	6690	13 3/8	218	250SX	OIL
									8 5/8	3153	2200SX	
									5 1/2	6689	200SX	
		SHELL	LIVINGSTON	6	1980 FSL, 2308 FWL	6/52	8/52	8230	13 3/8	222	250SX	OIL
									8 5/8	3147	2200SX	
									5 1/2	2944		
										8228	825SX	
		SHELL	LIVINGSTON	7	915 FSL, 2308 FWL	7/52	9/52	8130	13 3/8	222	250SX	OIL
									8 5/8	3142	2000SX	
									5 1/2	2932		
										8129	800SX	
		SHELL	LIVINGSTON	8	2970 FSL, 2308 FWL	7/52	9/52	8030	13 3/8	251	250SX	OIL
									8 5/8	3153	1600SX	
									5 1/2	2648		
										7000	752SX	
		SHELL	LIVINGSTON	9	915 FSL, 2208 FWL	10/52	11/52	6659	13 3/8	237	250SX	GAS
									8 5/8	3151	2000SX	
									5 1/2	2934		

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
										6584		
		SHELL	LIVINGSTON	11	3300 FSL, 660 FWL	11/61	1/62	6730	9 5/8	271	250SX	INJ
									2 7/8	6724		
									2 7/8	6724		
									2 7/8	6725	325SX	
		SHELL	LIVINGSTON	14	3500 FSL, 367 FWL	4/84	6/84	7745	13 3/8	481	475SX	OIL
									8 5/8	2470	1425SX	
									5 1/2	7745	1295SX	
		SHELL	TAYLOR-GLENN	1	3226 FNL, 1980 FWL	9/47	3/48	8590	13 3/8	301	250SX	INJ
									8 5/8	3879	3000SX	
									5 1/2	8060	675SX	
		SHELL	TAYLOR-GLENN	2	4620 FSL, 660 FEL	1/50	2/50	6710	13 3/8	222	300SX	INJ
									8 5/8	2920	2200SX	
									5 1/2	6665	600SX	
		SHELL	TAYLOR-GLENN	3	3546 FNL, 330 FEL	11/51	1/52	8224	13 3/8	219	250SX	OIL
									8 5/8	3150	2000SX	
									5 1/2	2960		
										8102	870SX	
		SHELL	TAYLOR-GLENN	4	3376 FNL, 764 FEL	3/52	5/52	8119	13 3/8	200	250SX	OIL
									8 5/8	3147	2200SX	
									5 1/2	2999		
										8115	775SX	
		SHELL	TAYLOR-GLENN	5	3546 FNL, 1650 FEL	5/52	10/52	8391	13 3/8	225	250SX	OIL
									8 5/8	3147	2200SX	
									5 1/2	2939		
										8355	850SX	
		SHELL	TAYLOR-GLENN	6	4620 FSL, 1979 FEL	7/52	8/52	6707	13 3/8	225	250SX	OIL
									8 5/8	3147	2000SX	
									5 1/2	2917		
										6660	600SX	
		SHELL	TAYLOR-GLENN	8	1582 FNL, 330 FWL	10/56	11/56	5930	13 3/8	307	300SX	OIL
									8 5/8	3150	1200SX	
									5 1/2	5810	200SX	
		SHELL	TAYLOR-GLENN	9	1585 FNL, 1980 FWL	1/63	1/63	6000	7 5/8	272	275SX	OIL
									4 1/2	6000	175SX	
		SHELL	TAYLOR-GLENN	10	1980 FNL, 1980 FWL	10/74	2/75	6805	8 5/8	1361	600SX	GAS
									5 1/2	6805	1025SX	
		SHELL	TAYLOR-GLENN	11	2080 FNL, 660 FWL	7/75	9/75	6870	8 5/8	1380	400SX	INJ
									5 1/2	6870	860SX	
		TEXACO	ESTLACK	1	1980 FSL, 660 FWL	1/50	4/50	6690	13 3/8	286	300SX	GAS
									8 5/8	2972	1800SX	
									5 1/2	6620	200SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	4	ANTWELL MORRIS	HILL	1	3300 FNL, 1730 FEL	7/54	8/54	6394	13 3/8	265	250SX	OIL
									9 5/8	2935	200SX	
									5 1/2	6394	800SX	
		CONOCO	HAWK B3-FED	23	660 FNL, 560 FEL	5/57	6/57	5950	10 3/4	270	250SX	OIL
									9 5/8	3149	1100SX	
									5 1/2	5950	300SX	
		PAN AM	SOUTHLAND ROY C	8	660 FSL, 1980 FEL	12/62	1/63	6703	9 5/8	1347	580SX	OIL
									7	6703	500SX	
		SHELL	LIVINGSTON	10	3200 FSL, 660 FEL	1/53	3/53	7436	13 3/8	283	250SX	OIL
									8 5/8	3151	2300SX	
									5 1/2	7435	550SX	
		SHELL	LIVINGSTON	12	4620 FSL, 560 FEL	12/61	6/62	6750	9 5/8	308	250SX	OIL
									2 7/8	6743		
									2 7/8	6743		
									2 7/8	6743	325SX	
		SHELL	LIVINGSTON	13	3330 FNL, 467 FEL	10/80	11/81	8156	13 3/8	1190	935SX	OIL
									9 5/8	3500	1200SX	
									7	8153	1720SX	
		SHELL	TAYLOR GLENN	7	1582 FNL, 990 FEL	8/56	9/56	5935	13 3/8	306	350SX	OIL
									8 5/8	3750	1400SX	
									5 1/2	5935	150SX	
		STANOLIND	SOUTHLAND ROY C	4	660 FSL, 660 FEL	10/51	11/51	6750	13 3/8	305	300SX	GAS
									8 5/8	2905	375SX	
									5 1/2	6748	400SX	
		STANOLIND	SOUTHLAND ROY C	5	1980 FSL, 660 FEL	10/52	11/52	6756	13 3/8	312	300SX	GAS
									8 5/8	2993	300SX	
									5 1/2	6755	180SX	
		WEST OIL FLDS	GULF HILL	1	1980 FSL, 1980 FEL	5/54	6/54	5974	13 3/8	150	150SX	GAS
									8 5/8	2933	600SX	
									5 1/2	5934	350SX	
		WEST OIL FLDS	GULF HILL	3	3300 FSL, 1980 FEL	4/56	5/56	6010	12 3/4	114	175SX	OIL
									8 5/8	2924	2300SX	
									5 1/2	5900	700SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	9	CONOCO	HAWK B1-FED	13	1980 FSL, 660 FEL	4/63	5/63	6780	9 5/8	1294	350SX	OIL
									5 1/2	6780	700SX	
		CONOCO	HAWK B9-FED	7	660 FSL, 660 FEL	9/48	11/48	6750	13 3/8	232	200SX	GAS
									9 5/8	2779	500SX	
									7	6723	800SX	
		PAN AM	SOUTHLAND ROY C	7	660 FNL, 585 FEL	5/62	8/62	7169	9 5/8	1331	580SX	OIL
									7	7169		
		STANOLIND	SOUTHLAND ROY C	6	1980 FNL, 660 FEL	5/53	8/53	7200	13 3/8	252	275SX	OIL
									9 5/8	2856	3380SX	
									5 1/2	6892	280SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	10	AZTEC	DAURON	2	660 FNL, 525 FEL	11/50	1/51	7463	13 3/8	196	200SX	OIL
									8 5/8	2995	1500SX	
									5 1/2	7462	500SX	
		AZTEC	DAURON	3	330 FNL, 990 FEL	10/51	12/51	7774	13 3/8	215	200SX	OIL
									8 5/8	3002	2300SX	
									5 1/2	7772	350SX	
		CONOCO	HAWK B-10	1	660 FNL, 1980 FEL	6/50	8/50	6723	10 3/4	245	200SX	OIL
									7 5/8	3049	750SX	
									5 1/2	6715	320SX	
		CONOCO	HAWK B-10E	1E	990 FNL, 1650 FEL	2/51	5/51	7950	10 3/4	253	250SX	OIL
									7 5/8	3071	1000SX	
									5 1/2	7922		
		CONOCO	HAWK B-10	2	1980 FNL, 2310 FWL	11/80	2/81	8079	10 3/4			OIL
									7 5/8	3149	1360SX	
									5 1/2	8078	470SX	
		CONOCO	HAWK B-10	2S	1980 FNL, 2310 FEL	5/52	7/52	7800	13 3/8	253	250SX	INJ
									9 5/8	3099	1000SX	
									7	7795	1250SX	
		CONOCO	HAWK B-10	3E	1980 FNL, 660 FEL	6/51	8/51	7728	10 3/4	260		OIL
									7 3/4	3099	1525SX	
									5 1/2	7727	404SX	
		CONOCO	HAWK B-10 FED	3	1980 FNL, 1980 FEL	5/51	6/51	7981	10 3/4	268	250SX	OIL
									7 5/8	3099		
									5 1/2	7980	252SX	
		CONOCO	HAWK B-10	5E	1980 FNL, 2310 FWL	4/52	6/52	8079	10 3/4	270	250SX	OIL
									7 5/8	3149	1300SX	
									5 1/2	8072	450SX	
		CONOCO	HAWK B-10 FED	5	330 FNL, 2340 FEL	1/52	3/52	7955	10 3/8	273	225SX	OIL
									7 5/8	3099	1250SX	
									5 1/2	7954	600SX	
		CONOCO	HAWK B-10 FED	6	990 FNL, 2310 FWL	3/52	5/52	8090	10 3/8	256	250SX	OIL
									7 5/8	3099	1250SX	
									5 1/2	8089	500SX	
		CONOCO	HAWK B-10 FED	7	2310 FNL, 2310 FWL	6/52	8/52	8075	13 3/8	251	260SX	OIL
									9 5/8	3149	1500SX	
									7	8074	1050SX	
		CONOCO	HAWK B-3	10	460 FNL, 1980 FWL	4/62	6/62	6790	13 3/8	337	250SX	INJ
									8 5/8	3000	350SX	
									5 1/2	6485	505SX	
		CONOCO	STATE 10	1	990 FNL, 990 FWL	12/52	2/53	8285	13 3/8	236	250SX	OIL
									9 5/8	3128	1308SX	
									7	8279	1250SX	
		CONOCO	STATE 10	2	1980 FNL, 990 FWL	2/53	6/54	8161	10 3/4	249	250SX	OIL
									7 5/8	3128	1275SX	
									5 1/2	7669	375SX	
		CONOCO	STATE 10	3	990 FNL, 840 FWL	5/53	6/54	7500	13 3/8	240	250SX	OIL
									9 5/8	3150	1612SX	
									7	7499	835SX	
		HUMBLE	BL-TB GAS UNIT	1	990 FSL, 1980 FEL	5/53	7/55	6312	13 3/8	353	300SX	OIL
									8 5/8	3200	1500SX	
									5 1/2	6311	325SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
		HUMBLE	NM STATE V	1	660 FSL, 660 FWL	9/48	11/48	6660	10 3/4	316	250SX	OIL
									7	2808	1050SX	
									5 1/2	6659	450SX	
		HUMBLE	NM STATE V	2	660 FSL, 1980 FWL	11/48	2/49	6751	10 3/4	332	275SX	OIL
									7 5/8	3194	1250SX	
									5 1/2	6656	575SX	
		HUMBLE	NM STATE V	3	660 FSL, 1980 FEL	1/51	3/51	7673	10 3/4	342	300SX	INJ
									7 5/8	3098	1500SX	
									5 1/2	7673	535SX	
		HUMBLE	NM STATE V	4	500 FSL, 2080 FWL	3/51	5/51	8043	10 3/4	344	300SX	OIL
									7 5/8	3100	3100SX	
									5 1/2	8043	465SX	
		HUMBLE	NM STATE V	5	660 FSL, 760 FWL	5/51	8/51	8396	12 3/4	329	400SX	OIL
									8 5/8	3100	900SX	
									5 1/2	8396	350SX	
		HUMBLE	NM STATE V	6	1980 FSL, 1980 FEL	8/51	10/51	7717	12 3/4	329	350SX	OIL
									8 5/8	3100	1400SX	
									5 1/2	7711	400SX	
		HUMBLE	NM STATE V	7	500 FSL, 1380 FWL	10/51	12/51	7625	12 3/4	337	350SX	OIL
									8 5/8	3107	900SX	
									5 1/2	7625	500SX	
		HUMBLE	NM STATE V	8	2100 FSL, 760 FEL	12/51	2/52	7573	11 3/4	305	350SX	OIL
									7 5/8	3105	1100SX	
									5 1/2	7573	400SX	
		HUMBLE	NM STATE V	9	1980 FSL, 1980 FWL	12/52	3/52	8240	10 3/4	329	375SX	OIL
									7 5/8	3079	1000SX	
									5 1/2	8240	450SX	
		HUMBLE	NM STATE V	10	560 FSL, 660 FWL	3/52	5/52	7939	10 3/4	342	375SX	OIL
									7 5/8	3104	1000SX	
									5 1/2	7939	450SX	
		HUMBLE	NM STATE V	11	2080 FSL, 2080 FWL	9/52	12/52	7785	13 3/8	333	275SX	INJ
									9 5/8	3165	1400SX	
									5 1/2	7758	400SX	
		HUMBLE	NM STATE V	12	1980 FSL, 330 FWL	4/62	6/62	5990	10 3/4	310	200SX	OIL
									7 5/8	2975	200SX	
									5 1/2	5989	600SX	
		RODGERS	HAWK B-10 FED	1	1715 FNL, 409 FEL	5/53	6/53	6580	10 3/4	207	150SX	OIL
									7 5/8	3004	700SX	
									5 1/2	6453	300SX	
		STH UNION GAS	DAURON	1	660 FNL, 660 FEL	9/50	11/50	7875	13 3/8	228	175SX	OIL
									9 5/8	2987	1200SX	
									5 1/2	7725	650SX	
		TIDEWATER	STATE S	9	660 FSL, 660 FEL	2/64	3/64	6710	13 3/8	336	325SX	GAS
									9 5/8	2999	960SX	
									5 1/2	6709	1065SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	11	AZTEC	GUTMAN	1	2310 FSL, 345 FWL	2/52	4/52	7575	13 3/8	245	275SX	OIL
									8 5/8	3001	2450SX	
									5 1/2	7490	500SX	
		AZTEC	GUTMAN	2	1980 FSL, 990 FWL	11/63	1/64	7200	13 3/8	366	300SX	OIL
									9 5/8	3008	900SX	
									7	6000		
									4 1/2	6000		
										7200		
		CONOCO	LOCKHART B-11	1	510 FNL, 660 FWL,	10/50	12/50	7751	10 3/4	248	250SX	OIL
									7 5/8	3049	865SX	
									5 1/2	7750	600SX	
		CONOCO	LOCKHART B-11	2	330 FNL, 330 FWL	7/51	9/51	6818	10 3/4	266	250SX	OIL
									7 5/8	3049	1230SX	
									5 1/2	6817	375SX	
		CONOCO	LOCKHART B-11	3	1980 FNL, 330 FWL	8/51	10/51	7659	10 3/4	262	250SX	OIL
									7 5/8	3099	100SX	
									5 1/2	7658	550SX	
		CONOCO	LOCKHART B-11	4	330 FNL, 1650 FWL	11/51	1/52	7811	10 3/4	272	250SX	OIL
									7 5/8	3149	1200SX	
									5 1/2	7805	800SX	
		CONOCO	LOCKHART B-11	5	330 FNL, 1650 FEL	3/52	5/52	7831	10 3/4	255	250SX	OIL
									7 5/8	3149	1000SX	
									5 1/2	7830	560SX	
		CONOCO	LOCKHART B-11	6	330 FNL, 330 FEL	7/52	9/52	8065	13 3/8	246	260SX	OIL
									9 5/8	3136	1615SX	
									7	8064	800SX	
		CONOCO	LOCKHART B-11	7	330 FNL, 480 FEL	10/52	12/52	8042	13 3/8	248	250SX	OIL
									9 5/8	3152	1100SX	
									7	8041	900SX	
		CONOCO	LOCKHART B-11	8	660 FSL, 1980 FEL	6/53	9/53	7577	13 3/8	268	250SX	OIL
									9 5/8	2996	2100SX	
									7	7576	961SX	
		CONOCO	LOCKHART B-11	9	660 FNL, 330 FEL	3/54	4/54	5880	10 3/4	275	250SX	OIL
									7 3/4	3149	940SX	
									5 1/2	5879	415SX	
		CONOCO	LOCKHART B-11	10	1980 FNL, 330 FEL	4/56	5/56	5925	10 3/4	266	250SX	OIL
									7 5/8	2955	1546SX	
									5 1/2	5920	425SX	
		CONOCO	LOCKHART B-11	11	1980 FSL, 330 FEL	3/56	4/56	5902	10 3/4	265	300SX	OIL
									7 5/8	2953	700SX	
									5 1/2	5902	300SX	
		CONOCO	LOCKHART B-11	12	660 FNL, 1980 FEL	4/56	5/56	5932	8 5/8	1696	700SX	OIL
									5 1/2	5931	2426SX	
		CONOCO	LOCKHART B-11	13	660 FSL, 330 FEL	6/56	7/56	5900	8 5/8	1400	750SX	OIL
									5 1/2	5899	3200SX	
		CONOCO	LOCKHART B-11	14	1650 FNL, 1650 FEL	5/57	7/57	5925	10 3/4	275	250SX	OIL
									7 5/8	3124	260SX	
									5 1/2	5924	400SX	
		CONOCO	LOCKHART B-11	15	2310 FNL, 1650 FEL	1/60	3/60	6760	13 3/8	307	260SX	OIL
									9 5/8	2995	1150SX	
									7	6750	475SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
		CONOCO	LOCKHART B-11	16	1980 FNL, 1980 FWL	12/61	3/62	7450	13 3/8	322	250SX	OIL
									9 5/8	2912	950SX	
									7	7450	770SX	
		CONOCO	LOCKHART B-11	17	1980 FNL, 1980 FEL	4/62	5/62	7500	13 3/8	368	300SX	OIL
									9 5/8	3094	450SX	
									7	7499	650SX	
		CONOCO	NOLAN	1	660 FSL, 660 FWL	7/50	10/50	7523	10 3/4	269	225SX	INJ
									7 5/8	3069	1780SX	
									5 1/2	6699	950SX	
		CONOCO	NOLAN	2	660 FSL, 1980 FWL	5/55	7/55	6711	10 3/4	254	250SX	OIL
									7 5/8	3049	1242SX	
									5 1/2	6479	467SX	
		CONOCO	NOLAN	3	1980 FSL, 1980 FWL	3/62	5/62	7492	13 3/8	350	250SX	OIL
									9 5/8	3093	1200SX	
									7	7492	625SX	
		RODGERS	LOCKHART	1	2310 FNL, 330 FWL	2/53	3/53	6570	13 3/8	174	250SX	OIL
									8 5/8	3044	900SX	
									5 1/2	6453	250SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	14	GULF OIL	NAOMI KEENUM	1	840 FSL, 1940 FEL	02/75	03/75	6768	8 5/8	1337	460SX	OIL
									5 1/2	6767	675SX	
		SHELL OIL	JR SMITH	3	1980 FNL, 1650 FEL	10/57	11/57	5850	13 3/8	287	300SX	GAS
									8 5/8	2997	1600SX	
									5 1/2	5850	175SX	
		SHELL OIL	SMITH	2	660 FNL, 1980 FEL	12/53	03/54	6631	13 3/8	221	250SX	OIL
									8 5/8	3000	2040SX	
									5 1/2	6490	350SX	
		SHELL OIL	JR SMITH	1	1980 FNL, 1980 FEL	03/52	05/52	7573	13 3/8	205	750SX	OIL
									9 5/8	3000	2200SX	
									5 1/2	6808	300SX	
		SHELL OIL	ANDREWS	2	990 FNL, 1980 FWL	11/52	01/53	7443	13 3/8	221	250SX	OIL
									8 3/8	3001	2100SX	
									5 1/2	6940	450SX	
		SHELL OIL	ANDREWS	1	1980 FNL, 1980 FWL	08/52	09/52	6613	13 3/8	214	250SX	INJ
									8 5/8	3000	2020SX	
		MORAN, E. F.	EVA OWEN	2	660 FNL, 660 FWL	04/50	07/50	7614	13 3/8	165	150SX	OIL
									8 5/8	2930	900SX	
									5 1/2	7608	875SX	
		GULF OIL	NAOMI KEENUM	2	660 FSL, 1980 FEL	02/53	03/63	7193	12 3/4	212	240SX	GAS
									9 5/8	2999	1350SX	
									5 1/2	7193	735SX	
		GULF OIL	NAOMI KEENUM	1	1980 FSL, 1980 FEL	02/52	02/53	7325	12 3/4	200	250SX	OIL
									8 5/8	2999	2025SX	
									5 1/2	7325	695SX	
		CONTINENTAL OIL	LOCK-FED,B14A	4	1980 FSL, 330 FEL	08/56	09/56	5880	10 3/4	263	250SX	OIL
									7 5/8	2948	1060SX	
									5 1/2	5874	500SX	
		CONTINENTAL OIL	LOCK-FED,B14A	2	660 FNL, 660 FEL	11/53	01/54	7447	10 3/4	268	250SX	OIL
									7 5/8	3149	1623SX	
									5 1/2	7446	520SX	
		CONTINENTAL OIL	LOCK-FED,B14A	3	660 FNL, 330 FEL	05/56	07/56	5900	8 5/8	1411	725SX	OIL
									5 1/2	5899	2575SX	
		CONTINENTAL OIL	LOCK-FED,B14A	1	1980 FNL, 660 FEL	10/52	12/52	6648	13 3/8	250	250SX	OIL
									9 5/8	3149	1500SX	
									7	6583	200SX	
		CONE, J. R.	EUBANKS	4	660 FSL, 1990 FWL	10/59	01/60	7350	9 5/8	1319	250SX	OIL
									7	6863	700SX	
		M CONE - REDFRN	EUBANKS	3	1980 FSL, 1830 FWL	07/52	12/52	7525	13 3/8	249	200SX	OIL
									8 5/8	2857	1600SX	
									5 1/2	6842	600SX	
		M CONE - REDFRN	EUBANKS	1	660 FSL, 660 FWL	03/49	04/49	6617	13 3/8	262	200SX	GAS
									8 5/8	2791	1200SX	
									5 1/2	6512	600SX	
		M CONE - REDFRN	EUBANKS	2	1980 FSL, 660 FWL	04/49	06/49	6622	13 3/8	242	200SX	GAS
									9 5/8	2800	1000SX	
									5 1/2	6569	500SX	
		EF MORAN, ETAL	OWEN	1	1980 FNL, 660 FWL	08/49	10/49	6643	13 3/8	166	125SX	GAS
									9 5/8	2721	500SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	15	TIDEWATER OIL	STATE S	8	660 FNL, 660 FEL	11/63	02/64	6700	13 3/8	336	325SX	INJ
									8 5/8	3007	935SX	
									5 1/2	6693	1180SX	
		SHELL OIL	STATE	2	1980 FNL, 660 FEL	11/48	01/49	6641	13 3/8	228	250SX	GAS
									8 5/8	2981	1700SX	
									5 1/2	6585	900SX	
		SHELL OIL	ARGO	3	1980 FSL, 1980 FWL	02/48	04/48	6645	13 3/8	208	250SX	INJ
									8 5/8	2891	1500SX	
									5 1/2	6494	500SX	
		SHELL OIL	ARGO	4	660 FSL, 1980 FWL	05/48	0648	6630	13 3/8	208	250SX	OIL
									8 5/8	2883	1500SX	
									5 1/2	6560	1000SX	
		SHELL OIL	ARGO	2	1980 FSL, 660 FWL	10/47	12/47	6654	13 3/8	210	210SX	OIL
									8 5/8	2875	800SX	
									5 1/2	6652	600SX	
		SHELL OIL	ARGO	7	2310 FSL, 990 FWL	04/51	05/51	8193	13 3/8	223	250SX	OIL
									8 5/8	2907	2000SX	
									5 1/2	8015	775SX	
		CITIES SERVICE	STATE S	1	1980 FNL, 660 FWL	04/48	05/48	6669	13 3/8	297	300SX	OIL
									8 5/8	2799	800SX	
									5 1/2	6625	350SX	
		CITIES SERVICE	STATES	4	3390 FSL, 4520 FEL	02/51	04/51	8182	13 3/8	296	325SX	OIL
									8 5/8	2828	500SX	
									5 1/2	8030	400SX	
		SHELL OIL	STATE	1	1980 FNL, 1978 FEL	08/48	11/48	6641	13 3/8	229	250SX	OIL
									8 5/8	2897	1500SX	
									5 1/2	6545	1200SX	
		SHELL OIL	ARGO OIL CORP	1	660 FSL, 660 FWL	08/47	09/47	6646	13 3/8	321	220SX	OIL
									8 5/8	2839	800SX	
									5 1/2	6529	500SX	
		TIDEWATER OIL	STATE S	7	600 FNL, 990 FWL	02/52	04/52	8145	13 3/8	293	300SX	OIL
									8 5/8	2990	2000SX	
		TIDEWATER OIL	STATE S	6	760 FNL, 1980 FWL	08/51	10/51	7675	13 3/8	295	300SX	INJ
									8 5/8	2997	2000SX	
									5 1/2	7675	350SX	
		GETTY OIL	STATE S	5	660 FNL, 990 FWL	00/00	05/75	8148	13 3/8	294	300SX	OIL
		TIDEWATER OIL	STATE S	5	660 FNL, 990 FWL	02/51	04/51	8148	13 3/8	294	200SX	OIL
									8 5/8	2974	2000SX	
									5 1/2	8147	500SX	
		TIDEWATER OIL	STATE S	4	660 FNL, 2080 FWL	11/50	01/51	7896	13 3/8	294	300SX	OIL
									8 5/8	2999	1700SX	
									5 1/2	7895	500SX	
		TIDEWATER OIL	STATE S	3	660 FNL, 1980 FEL	10/50	11/50	7629	13 3/8	290	300SX	OIL
									8 5/8	3000	2000SX	
									5 1/2	7629	500SX	
		TIDEWATER OIL	STATE S	2	660 FNL, 1980 FWL	09/48	11/48	6667	8 5/8	2603	1200SX	GAS
									5 1/2	6630	500SX	
		SHELL OIL	ARGO	12	400 FSL, 550 FWL	12/51	02/52	8035	13 3/8	227	254SX	OIL
									8 5/8	2982	1900SX	
									5 1/2	8033	983SX	
		SHELL OIL	ARGO	11	2050 FSL, 1650 FWL	07/51	09/51	7891	13 3/8	228	250SX	OIL
									8 5/8	2903	1950SX	
		SHELL OIL	ARGO	10	1880 FSL, 760 FWL	07/51	09/51	8015	13 3/8	241	250SX	OIL
									8 5/8	2906	1700SX	
									5 1/2	8012	875SX	
		SHELL OIL	ARGO	9	330 FSL, 990 FWL	05/51	07/51	8189	13 3/8	225	250SX	OIL

								8 5/8	2917	1200SX	
SHELL OIL	ARGO	8	660 FSL, 2310 FWL	05/51	06/51	8002	13 3/8	226	300SX	OIL	
							8 5/8	2915	1800SX		
SHELL OIL	ARGO	6	1650 FSL, 2310 FWL	02/51	04/51	7991	13 3/8	225	250SX	OIL	
							8 5/8	3100	2000SX		
							5 1/2	7790	500SX		
SHELL OIL	ARGO	5	330 FSL, 2310 FWL	07/50	09/50	8091	13 3/8	225	300SX	GAS	
							8 5/8	2912	2000SX		
							5 1/2	7790	500SX		
MARATHON OIL	LG WARLICK C	10	1725 FSL, 2149 FEL	05/52	06/52	7670	13 3/8	324	250SX	OIL	
							8 5/8	2851	1200SX		
							5 1/2	7665	1155SX		
OHIO OIL	LG WARLICK C	9	990 FSL, 990 FEL	06/51	08/51	7503	13 3/8	371	350SX	OIL	
							8 5/8	2900	1400SX		
							5 1/2	7465	850SX		
OHIO OIL	LG WARLICK C	8	1650 FSL, 990 FEL	04/51	06/51	7626	13 3/8	308	300SX	OIL	
							8 5/8	2803	1300SX		
							5 1/2	7570	800SX		
MARATHON OIL	LG WARLICK C	7	405 FSL, 2310 FEL	02/51	04/51	7690	13 3/8	305	300SX	OIL	
							8 5/8	2802	1300SX		
							5 1/2	7688	1000SX		
MARATHON OIL	LG WARLICK C	6	1650 FSL, 2140 FEL	10/50	12/50	7847	13 3/8	303	300SX	OIL	
							8 5/8	2797	1200SX		
							5 1/2	7700	575SX		
MARATHON OIL	LG WARLICK C	5	330 FSL, 2310 FEL	05/50	07/50	7827	13 3/8	298	350SX	OIL	
							9 5/8	2800	1300SX		
							5 1/2	7655	1100SX		
MARATHON OIL	LG WARLICK C	4	1980 FSL, 660 FEL	11/48	12/48	6622	13 3/8	306	300SX	INJ	
							8 5/8	2802	1500SX		
							5 1/2	6596	750SX		
MARATHON OIL	LG WARLICK C	3	660 FSL, 660 FEL	09/48	11/48	6621	13 3/8	302	250SX	OIL	
							8 5/8	2795	1500SX		
							5 1/2	6595	750SX		
OHIO OIL	LG WARLICK C	2	660 FSL, 1980 FEL	07/48	09/48	6634	13 3/8	300	250SX	INJ	
							8 5/8	2799	1200SX		
							5 1/2	6590	750SX		
OHIO OIL	LG WARLICK C	1	1980 FSL, 1980 FEL	06/48	07/48	6629	13 3/8	299	250SX	GAS	
							8 5/8	2800	1500SX		
							5 1/2	6497	750SX		
CITIES SERVICE	STATE S	6	2310 FNL, 990 FWL	09/51	10/51	8193	13 3/8	324	350SX	OIL	
							8 5/8	2835	500SX		
							5 1/2	8042	400SX		
CITIES SERVICE	STATE S	5	1980 FNL, 1980 FWL	07/51	08/51	7850	13 3/8	314	325SX	OIL	
							8 5/8	2805	500SX		
							5 1/2	7849	350SX		
SHELL OIL	STATE	4	2310 FNL, 990 FEL	09/51	10/51	7567	13 3/8	241	250SX	OIL	
							8 5/8	2934	1800SX		
							5 1/2	7566	840SX		
SHELL OIL	STATE	3	2210 FNL, 2310 FEL	01/51	02/51	7798	13 3/8	222	250SX	INJ	
							8 5/8	2925	2000SX		
							5 1/2	7635	500SX		
CITIES SERVICE	STATE S	3	3375 FSL, 3225 FEL	12/50	02/51	8034	13 3/8	333	350SX	OIL	
							8 5/8	2803	500SX		
							5 1/2	8032	350SX		
TIDEWATER OIL	STATE S	1	660 FNL, 660 FWL	06/48	09/48	6660	13 3/8	293	300SX	OIL	
							8 5/8	2797	1200SX		
							5 1/2	6625	400SX		
CITIES SERVICE	STATE S	2	1980 FNL, 1980 FWL	06/48	06/48	6676	13 3/8	297	300SX	OIL	
							8 5/8	2791	500SX		
							5 1/2	6586	125SX		

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	16	AMERADA HESS	STATE DA	4	1980 FSL, 660 FEL	8/47	9/47	6644	13 3/8	213	200SX	GAS
									8 5/8	2807	1550SX	
									5 1/2	6644	600SX	
		AMERADA HESS	STATE DA	5	1980 FSL, 330 FEL	2/52	5/52	8330	13 3/8	250	200SX	OIL
									8 5/8	2820	1500SX	
									5 1/2	8225	500SX	
		GULF	LEONARD E	2	1980 FNL, 660 FEL	11/47	1/48	6614	13 3/8	301	300SX	OIL
									9 5/8	2932	1300SX	
									7	6547	700SX	
		GULF	LEONARD E	4	660 FNL, 660 FEL	9/48	12/48	6699	13 3/8	297	300SX	GAS
									9 5/8	2800	1300SX	
									7	6645	700SX	
		GULF	LEONARD E	5	2310 FNL, 330 FEL	6/52	7/52	8220	12 3/4	268	325SX	OIL
									8 5/8	2729	808SX	
									5 1/2	7999	131SX	
		GULF	LEONARD E	6	330 FNL, 660 FEL	1/76	2/76	6720	8 5/8	1305	550SX	OIL
									5 1/2	6720	1050SX	
		MID-CONT PET	STATE 15	5	330 FSL, 330 FEL	4/52	6/52	8260	13 3/8	293	250SX	OIL
									8 5/8	2861		
									5 1/2	8251	400SX	
		SUNRAY & MDCONT	STATE	4	660 FSL, 660 FEL	6/47	7/47	6665	13 3/8	219	250SX	GAS
									8 5/8	2864	1700SX	
									5 1/2	6664	400SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	21	BARNSDALL OIL	ELLIOTT A	2	1980 FNL, 660 FEL	8/47	10/47	6635	13 3/8	320	300SX	GAS
									9 5/8	2847	1000SX	
									7	6514	500SX	
		CONE J R	ANDERSON	1	1980 FSL, 660 FEL	2/48	4/48	6640	13 3/8	257	250SX	GAS
									8 5/8	2843	1000SX	
									5 1/2	6640	600SX	
		CONE S E	ANDERSON	2	1650 FSL, 330 FEL	6/49	8/49	8250	13 3/8	260	250SX	OIL
									8 5/8	2789	1600SX	
									5 1/2	8247	500SX	
		CONOCO	HARDY EUMONT	48	1492 FNL, 560 FEL	9/71	9/71	3827	8 5/8	518	300SX	OIL
									5 1/2	3827	300SX	
		RODGERS J W	MARY WANTZ	3	660 FSL, 660 FEL	3/52	5/52	6639	10 3/4	174	125SX	OIL
									7 5/8	2720	600SX	
									5 1/2	6500	300SX	
		SUNRAY DX OIL	ELLIOTT-FED A	1	860 FNL, 660 FEL	6/47	8/47	6630	13 3/8	318	300SX	OIL
									8 5/8	2850	1000SX	
									5 1/2	6425	500SX	
		SUNRAY OIL	ELLIOTT-FED A	3	980 FNL, 330 FEL	1/52	3/52	7845	13 3/8	258	300SX	OIL
									9 5/8	2942	1500SX	
									5 1/2	7841	350SX	
		SUNRAY OIL	ELLIOTT-FED A	4	2030 FNL, 330 FEL	3/52	5/52	7857	13 3/8	254	300SX	OIL
									9 5/8	2934	1500SX	
									5 1/2	7824	395SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	22	SHELL OIL	AT TURNER	2	1980 FSL, 660 FWL	01/48	03/48	6627	13 3/8	238	250SX	OIL
									8 5/8	2869	1400SX	
									5 1/2	6626	600SX	
		SHELL OIL	AT TURNER	1	660 FSL, 659 FEL	11/47	01/48	6610	13 3/8	224	200SX	OIL
									8 5/8	2867	1651SX	
									5 1/2	6609	600SX	
		SHELL OIL	ARGO A	3	660 FNL, 1980 FWL	07/48	08/48	6628	13 3/8	226	250SX	INJ
									8 5/8	2918	1500SX	
									5 1/2	6559	750SX	
		SHELL OIL	ARGO A	1	660 FNL, 660 FWL	09/47	11/47	6636	13 3/8	222	250SX	OIL
									8 5/8	1233	660SX	
									5 1/2	6635	800SX	
		SHELL OIL	TURNER	16	330 FSL, 660 FWL	12/51	03/52	7864	13 3/8	208	150SX	OIL
									8 5/8	2926	1800SX	
									5 1/2	7785	970SX	
		SHELL OIL	TURNER	15	990 FSL, 2310 FEL	07/51	09/51	7472	13 3/8	254	300SX	OIL
									8 5/8	2887	2000SX	
									5 1/2	7472	875SX	
		SHELL OIL	TURNER	14	2310 FSL, 2310 FEL	11/50	01/51	7758	13 3/8	224	250SX	OIL
									8 3/8	2906	2000SX	
									5 1/2	7553	500SX	
		SHELL OIL	TURNER	13	880 FSL, 1685 FWL	08/50	08/50	6633	13 3/8	223	300SX	GAS
									8 5/8	2908	2000SX	
									5 1/2	6550	500SX	
		SHELL OIL	TURNER	12	2065 FSL, 1700 FWL	05/50	06/50	6626	13 3/8	220	300SX	INJ
									8 5/8	2905	2000SX	
									5 1/2	6480	500SX	
		SHELL OIL	TURNER	11	915 FSL, 1650 FWL	08/50	06/50	7782	13 3/8	224	300SX	OIL
									8 5/8	2905	2000SX	
									5 1/2	7559	500SX	
		SHELL OIL	TURNER	10	2080 FSL, 1650 FWL	03/50	04/50	7502	13 3/8	222	300SX	GAS
									8 5/8	2918	2000SX	
									5 1/2	7502	500SX	
		SHELL OIL	TURNER	9	1980 FSL, 1650 FWL	02/50	03/50	7951	13 3/8	227	300SX	OIL
									8 5/8	2913	2000SX	
									5 1/2	7725	500SX	
		SHELL OIL	TURNER	8	1740 FSL, 350 FWL	12/49	01/50	7885	13 3/8	209	300SX	OIL
									8 5/8	2905	2300SX	
									5 1/2	7885	600SX	
		SHELL OIL	TURNER	7	1650 FSL, 330 FWL	10/49	12/49	8180	13 3/8	225	300SX	OIL
									8 5/8	2910	2175SX	
									5 1/2	8070	600SX	
		SHELL OIL	TURNER	6	660 FSL, 660 FWL	08/49	10/49	6632	13 3/8	225	300SX	OIL
									8 5/8	2886	2000SX	
									5 1/2	6521	500SX	
		SHELL OIL	TURNER	5	1980 FSL, 660 FEL	07/49	09/49	6612	13 3/8	224	300SX	INJ
									8 5/8	2913	1800SX	
									5 1/2	6450	500SX	
		SHELL OIL	TURNER	4	660 FSL, 330 FWL	05/49	08/49	7890	13 3/8	226	300SX	OIL
									8 5/8	2859	1500SX	
									5 1/2	7790	600SX	
		SHELL OIL	TURNER	3	1980 FSL, 1980 FEL	05/49	06/49	6618	13 3/8	225	300SX	GAS
									8 5/8	2915	1500SX	
									5 1/2	6520	500SX	
		SHELL OIL	ARGO A	12	2310 FNL, 760 FWL	11/51	01/52	8181	13 3/8	215	250SX	OIL

								8 5/8	2896	1900SX	
								5 1/2	8088	350SX	
SHELL OIL	ARGO A	11	1605 FNL, 1650 FWL	11/51	01/52	8005	13 3/8	225	250SX	OIL	
							9 5/8	2903	1500SX		
							5 1/2	7843	230SX		
SHELL OIL	ARGO A	10	660 FNL, 1660 FWL	09/51	12/51	8130	13 3/8	216	250SX	OIL	
							8 5/8	2874	1900SX		
							5 1/2	8059	870SX		
SHELL OIL	ARGO A	9	980 FNL, 500 FWL	09/51	11/51	8035	13 3/8	218	250SX	OIL	
							8 5/8	2400	1700SX		
							5 1/2	8025	1125SX		
SHELL OIL	ARGO A	8	990 FNL, 990 FWL	03/51	05/51	8188	13 3/8	226	300SX	OIL	
							8 5/8	2928	1700SX		
							5 1/2	8011	500SX		
SHELL OIL	ARGO A	7	1880 FNL, 760 FWL	10/50	12/50	8180	13 3/8	226	300SX	OIL	
							8 5/8	2913	1700SX		
							5 1/2	8080	750SX		
SHELL OIL	ARGO A	6	440 FNL, 2200 FWL	05/50	07/50	7907	13 3/8	227	300SX	OIL	
							8 5/8	2883	2000SX		
							5 1/2	7770	500SX		
SHELL OIL	ARGO A	5	1980 FNL, 2130 FWL	01/50	03/50	6633	13 3/8	230	250SX	GAS	
							8 5/8	2920	2000SX		
							5 1/2	6530	500SX		
SHELL OIL	ARGO A	4	1980 FNL, 1980 FWL	11/49	01/50	7810	13 3/8	245	300SX	OIL	
							8 5/8	2910	2000SX		
							5 1/2	7670	600SX		
SHELL OIL	ARGO A	2	1980 FNL, 660 FWL	10/47	12/47	6629	13 3/8	255	200SX	GAS	
							8 5/8	2913	1400SX		
							5 1/2	6627	600SX		
SHELL OIL	EUBANK C	8	1750 FNL, 2310 FEL	10/52	11/52	7520	13 3/8	315	360SX	INJ	
							8 5/8	2799	1650SX		
							5 1/2	7519	290SX		
GULF OIL	EUBANK	7	450 FNL, 2305 FEL	07/51	09/51	7630	13 3/8	306	300SX	OIL	
							9 5/8	2799	1400SX		
							7	7629	625SX		
GULF OIL	EUBANK	5	330 FNL, 2310 FEL	02/50	04/50	7756	13 3/8	294	300SX	OIL	
							9 5/8	2800	1300SX		
							7	7644			
GULF OIL	EUBANK	4	1980 FNL, 660 FEL	01/49	02/49	6615	13 3/8		300SX	GAS	
							9 5/8	2800	1300SX		
							7	6550	700SX		
GULF OIL	EUBANK	3	1980 FNL, 2086 FEL	11/48	01/49	6620	13 3/8	295	300SX	GAS	
							9 5/8	2800	1300SX		
							7	6535	700SX		
GULF OIL	EUBANK	2	660 FNL, 660 FEL	10/48	12/48	6614	13 3/8	291	300SX	INJ	
							9 5/8	2800	1300SX		
							7	6550	700SX		
GULF OIL	EUBANK	1	660 FNL, 1780 FEL	08/48	09/48	6620	13 3/8	317	300SX	GAS	
							9 5/8	2800	1262SX		
							7	6500	700SX		

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	23	EASTLAND DRLG	SARKEYS	1	467 FSL, 2310 FWL	08/67	09/67	7350	8 5/8	2952	350SX	OIL
									4 1/2	7350	1050SX	
		SINCLAIR O&G	SARKEYS	6	2310 FSL, 1980 FEL	06/65	09/65	7370	13 3/8	382	400SX	OIL
									8 5/8	3209	1175SX	
									5 1/2	7370	1050SX	
		SINCLAIR O&G	SARKEYS	5	660 FSL, 1980 FEL	05/65	08/65	7284	13 3/8	367	400SX	GAS
									8 5/8	3210	1885SX	
									5 1/2	7284	1050SX	
		SINCLAIR O&G	SARKEYS	4	330 FSL, 990 FEL	02/65	04/65	7275	13 3/8	335	400SX	OIL
									9 5/8	3184	1360SX	
									7	7275	1011SX	
		SINCLAIR O&G	BARTON ROY	4	1750 FNL,1980 FEL	05/65	07/65	6750	13 3/8	378	400SX	INJ
									9 5/8	3203	1160SX	
									7	6750	860SX	
		SHELL OIL	SARKEYS	2	1980 FSL, 1980 FWL	06/48	07/48	6610	13 3/8	229	250SX	OIL
									8 5/8	2909	1500SX	
									5 1/2	6460	1000SX	
		TOKLAN ROYALTY	WILLIAMSON	2	660 FNL, 1980 FWL	07/50	10/50	6600	13 3/8	303	300SX	O&G
									8 5/8	303	300SX	
									5 1/2	6456	500SX	
		TOKLAN ROYALTY	WILLIAMSON	1	1980 FNL, 1980 FWL	10/49	11/49	6600	13 3/8	325	150SX	OIL
									8 5/8	2984	500SX	
									5 1/2	6454	550SX	
		TIDEWATER OIL	WILLIAMSON	2	1980 FNL, 660 FWL	02/49	04/49	6615	13 3/8	293	300SX	INJ
									8 5/8	2798	1200SX	
									5 1/2	6520	400SX	
		TIDEWATER OIL	WILLIAMSON	1	660 FNL, 660 FWL	12/48	01/49	6620	13 3/8	295	300SX	OIL
									8 5/8	3195	1200SX	
									5 1/2	6574	500SX	
		MAGNOLIA PET	WILLIAMSON	1	660 FNL, 660 FEL	08/52	10/52	7055	10 3/4	323	250SX	GAS
									7 5/8	3180	1253SX	
									5 1/2	7055	431SX	
		SINCLAIR O&G	SARKEYS	3	2310 FSL, 330 FEL	12/53	03/54	7350	13 3/8	322	300SX	OIL
									8 5/8	2819	800SX	
									5 1/2	7350	400SX	
		SINCLAIR O&G	SARKEYS A	2	330 FSL, 2310 FEL	06/50	07/50	6650	10 3/4	291	250SX	OIL
									7 5/8	2945	1000SX	
									5 1/2	6649	350SX	
		SINCLAIR O&G	SARKEYS	1	1980 FSL, 1980 FEL	02/49	04/49	6711	10 3/4	270	200SX	INJ
									7 5/8	2945	1200SX	
									5 1/2	6000	250SX	
		SINCLAIR O&G	ROY BARTON	3	1980 FNL, 660 FEL	01/53	03/53	7993	13 3/8	306	350SX	OIL
									8 5/8	2810	1200SX	
									5 1/2	7348	500SX	
		SINCLAIR O&G	ROY BARTON	2	660 FNL, 1980 FEL	10/52	12/52	7350	13 3/8	305	300SX	OIL
									9 5/8	2804	1000SX	
									5 1/2	7349	575SX	
		SINCLAIR O&G	ROY BARTON	1	1980 FNL, 1980 FEL	03/52	05/52	7783	13 3/8	293	300SX	GAS
									8 5/8	2781	1200SX	
									5 1/2	7778	600SX	
		SHELL OIL	SARKEYS	4	660 FSL, 1980 FWL	03/50	04/50	6606	13 3/8	229	275SX	OIL
									9 5/8	2927	2000SX	
									5 1/2	6450	500SX	
		SHELL OIL	SJ SARKEYS	3	1980 FSL, 660 FWL	10/49	11/49	6612	13 3/8	224	300SX	GAS
									8 5/8	2870	2000SX	

								5 1/2	6510	500SX
SHELL OIL	SJ SARKEYS	1	660 FSL,	660 FWL	10/47	12/47	6603	13 3/8	223	200SX OIL
								8 5/8	2881	750SX
								5 1/2	6602	600SX

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	24	GULF	STEPHENS	1	660 FNL, 660 FWL	3/53	5/53	7150	12 3/4	222	275SX	OIL
									8 5/8	2999	1935SX	
									5 1/2	7149	550SX	
		GULF	STEPHENS	2	1980 FNL, 660 FWL	4/54	8/54	7150	13 3/8	255	325SX	OIL
									8 5/8	2999	1638SX	
									5 1/2	7149	1000SX	
		GULF	STEPHENS	3	660 FNL, 1980 FWL	9/55	11/55	7200	13 3/8	253	275SX	OIL
									8 5/8	2999	1280SX	
									5 1/2	7200	650SX	
		GULF	STEPHENS	4	1980 FNL, 1980 FWL	8/82	1/83	7419	8 5/8	1310	700SX	OIL
									5 1/2	7419	2300SX	
		KING RESOURCES	STEPHENS	1	660 FSL, 1980 FWL	8/69	9/69	7450	8 5/8	876	450SX	OIL
									5 1/2	7450	700SX	
		MAGNOLIA PET	STEPHENS	1	1980 FSL, 660 FWL	3/52	7/52	7481	10 3/4	329	250SX	OIL
									7 5/8	3145	1000SX	
									5 1/2	3000		
										7481	704SX	
		MOBIL	STEPHENS	2	660 FSL, 660 FWL	4/58	7/58	7245	13 3/8	352	375SX	OIL
									9 5/8	3160	1760SX	
									7	2930		
										6700	940SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	25	GULF	SARKEY	1	330 FNL, 660 FWL	8/83	12/83	7680	8 5/8	1327	520SX	OIL
									5 1/2	7679	1690SX	
		OLSEN	SARKEY	2	660 FNL, 660 FWL	8/57	10/57	6336	9 5/8	1152	700SX	OIL
									7	5798	600SX	
									5	5785		
										6335	50SX	
		SOLAR	SARKEY	1	660 FNL, 1980 FWL	9/68	11/68	7400	10 3/4	900	200SX	OIL
									7 5/8	7400	900SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	26	ACOMA	SARKEYS	1	330 FNL, 990 FEL	9/65	11/65	7290	9 5/8	1360	500SX	OIL
									7	7288	1050SX	
		GREENBRIER	SARKEYS	1	660 FNL, 1980 FEL	10/52	12/52	6557	13 3/8	262	250SX	OIL
									9 5/8	2780	800SX	
									5 1/2	6451	300SX	
		LANKHAM	SARKEYS	1	330 FNL, 2310 FEL	11/66	12/66	7299	8 5/8	1360	650SX	OIL
									5 1/2	7292	900SX	
		TIDEWATER	SARKEYS	2	660 FNL, 660 FWL	8/47	9/47	6565	13 3/8	295	300SX	OIL
									8 5/8	2794	1400SX	
									5 1/2	6564	500SX	
		TIDEWATER	SARKEYS	3	660 FNL, 1980 FWL	6/50	7/50	6587	13 3/8	290	300SX	OIL
									8 5/8	2799	1500SX	
									5 1/2	6519	500SX	
		TIDEWATER	SARKEYS	5	330 FNL, 2310 FWL	2/67	3/67	7300	13 3/8	344		OIL
									8 5/8	2949	2100SX	
									5 1/2	7299	1020SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
21S-37E	27	CONOCO	LOCKHART A-27	1	660 FNL, 510 FWL	5/49	7/49	7782	13 3/8	225	200SX	OIL
									9 5/8	2744	500SX	
									7	7728	1000SX	
		CONOCO	LOCKHART A-27	3	330 FNL, 1650 FWL	10/50	11/50	7652	10 3/4	202	250SX	OIL
									7 5/8	2675	1000SX	
									5 1/2	7651	200SX	
		CONOCO	LOCKHART A-27	5	660 FNL, 660 FEL	10/47	12/47	6567	13 3/8	200	200SX	GAS
									9 5/8	2731	500SX	
									5 1/2	6566	500SX	
		CONOCO	LOCKHART A-27	6	660 FNL, 1980 FEL	12/47	1/48	6570	13 3/8	200	200SX	OIL
									9 5/8	2648	500SX	
									7	6569	500SX	
		CONOCO	LOCKHART A-27	7	810 FNL, 660 FWL	12/49	2/50	6630	13 3/8	216	250SX	OIL
									9 5/8	2654	1350SX	
									7	6629	650SX	
		CONOCO	LCKHRT A-27 FED	7	660 FNL, 1650 FWL	12/50	2/51	6670	13 3/8	253	250SX	OIL
									7 5/8	2679	1050SX	
									5 1/2	6669	275SX	
		CONOCO	LOCKHART A-27	12	330 FNL, 330 FWL	2/52	5/52	7615	10 3/4	255	225SX	OIL
									7 5/8	2743	1100SX	
									5 1/2	7614	400SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
20S-38E	33	CONOCO	WARREN UNIT	15	660 FSL, 660 FEL	2/55	3/55	6050	10 3/4	249	250SX	OIL
									7 5/8	3049	1150SX	
									5 1/2	6048	680SX	
		CONOCO	WARREN UNIT	16	660 FSL, 1980 FEL	3/55	5/55	6050	10 3/4	274	250SX	OIL
									7 5/8	3049	1111SX	
									5 1/2	6049	541SX	
		CONOCO	WARREN UNIT	93	660 FSL, 1980 FWL	2/82	6/82	7000	9 5/8	1400	525SX	OIL
									5 1/2	6995	1192SX	

TWN-RNG	SECTION	OPERATOR	LEASE	WELL	LOCATION	SPUD DATE	INIT COMP DATE	TOTAL DEPTH	CASING SIZE	CASING DEPTH	CASING CMT	WELL TYPE
20S-38E	34	CONOCO	WARREN UNIT	12	660 FSL, 1980 FWL	9/54	10/54	6198	10 3/4	252	250SX	OIL
									7 5/8	3049	1120SX	
									5 1/2	6197	415SX	
		CONOCO	WARREN UNIT	13	660 FSL, 1980 FEL	10/54	11/54	6050	10 3/4	284	250SX	INJ
									7 5/8	3087	1255SX	
									5 1/2	6049	466SX	
		CONOCO	WARREN UNIT	14	660 FSL, 660 FWL	12/54	1/55	6020	10 3/4	256	250SX	INJ
									7 5/8	3051	1150SX	
									5 1/2	6019	336SX	

INJECTION WELLS

LEASE NAME

WELL NO	LOCATION	SURVEY	CASING						TUBING			PACKER(S)		
	SEC-TS-RNG		SIZE	DEPTH	SXS. OF CMT.	HOLE SIZE	TOC	TOC DATA SOURCE	SIZE	LINING TYPE	DEPTH	MAKE	MODEL	DEPTH
Northeast Drinkard Unit														
105W	3-21S-37E	2080' FNL & 660' FWL	8 5/8"	1380'	400	11"	SURF	CIRC	2 3/8"	FG	6500'	TENSION PKR.		5600'
			5 1/2"	6870'	760	7 7/8"	3975'	CALC W/ 50% LOSS				BAKER	LOK-SET	6500'
109W	3-21S-37E	660' FNL & 1980' FEL	11 3/4"	270'	375	N/A	SURF	CIRC	2 3/8"	FG	5700'	BAKER	LOK-SET	5700'
			7 5/8"	3061'	1112	N/A	1517'	TEMP-SVY						
			5 1/2"	6024'	375	N/A	3190'	TEMP-SVY						
111W	3-21S-37E	2232' FNL & 2310' FEL	8 5/8"	1395'	599	12 1/4"	SURF	CIRC	2 3/8"	FG	6500'	TENSION PKR.		5650'
			5 1/2"	6875'	2612	7 7/8"	SURF	CIRC				BAKER	LOK-SET	6500'
114W	2-21S-37E	906' FNL & 660' FWL	13 3/8"	208'	240	17 1/4"	SURF	CIRC	2 3/8"	FG	5700'	BAKER	LOK-SET	5700'
			8 5/8"	3008'	1750	11"	SURF	CIRC						
			5 1/2"	6030'	225	7 7/8"	4780'	TEMP-SVY						
			3 1/2" LNR	5648'-6898'	100	4 3/4"	5648'	CIRC						
115W	2-21S-37E	1896' FNL & 660' FWL	13 3/8"	152'	165	17 1/4"	SURF	CIRC	2 3/8"	FG	6475'	TENSION PKR.		5600'
			9 5/8"	3004'	1600	12 1/4"	SURF	CIRC				TENSION PKR.		6250'
			5 1/2"	8519'	550	7 7/8"	4250'	TEMP-SVY				BAKER	LOK-SET	6475'
121W	2-21S-37E	2220' FNL & 2307' FEL	13 3/8"	375'	425	17 1/4"	SURF	CIRC	2 3/8"	FG	5800'	BAKER	LOK-SET	5800'
			8 5/8"	3024'	2950	11"	317'	TEMP-SVY						
			5 1/2"	5844'	1120	7 7/8"	3100'	TEMP-SVY						
205W	3-21S-37E	660' FWL & 3300' FSL	9 5/8"	271'	250	12 1/4"	SURF	CIRC	1 1/2"	PC	5600'	BAKER	R-3	5600'
			2 7/8"	6724'	635	8 3/4"	2400'	TEMP-SVY	1 1/2"	PC	6400'	BAKER	R-3	6400'
			2 7/8"	6724'	635	8 3/4"	2400'	TEMP-SVY						
			2 7/8"	6726'	635	8 3/4"	2400'	TEMP-SVY						

LINING TYPES: FG = FIBERGLASS EPOXY PC = PLASTIC COATED SC-750

LEASE NAME

WELL NO	LOCATION	SURVEY	CASING						TUBING			PACKER(S)		
	SEC-TS-RNG		SIZE	DEPTH	SXS. OF CMT.	HOLE SIZE	TOC	TOC DATA SOURCE	SIZE	LINING TYPE	DEPTH	MAKE	MODEL	DEPTH
Northeast Drinkard Unit														
206W	3-21S-37E	3226' FNL & 1980' FWL	13 3/8"	301'	250	17 1/4"	SURF	CIRC	2 3/8"	FG	6450'	TENSION PKR.		5600'
			8 5/8"	3879'	4800	11"	SURF	CIRC				BAKER	LOK-SET	6450'
			5 1/2"	8060'	675	7 7/8"	2915'	TEMP-SVY						
209W	3-12S-37E	3150' FSL & 1650' FEL	13 3/8"	250'	250	17 1/2"	SURF	CIRC	2 3/8"	FG	6500'	TENSION PKR.		5700'
			9 5/8"	3150'	1370	12 1/2"	1450'	TEMP-SVY				BAKER	LOK-SET	6500'
			7"	8113'	940	8 3/4"	2950'	TEMP-SVY						
211W	3-21S-37E	4620' FSL & 660' FEL	13 3/8"	222'	300	17 1/4"	SURF	CIRC	2 3/8"	FG	6500'	TENSION PKR.		5600'
			8 5/8"	2920'	2200	11"	SURF	CIRC				BAKER	LOK-SET	6500'
			5 1/2"	6665'	600	7 7/8"	3200'	FREE PT.						
214W	2-21S-37E	3300' FSL & 660' FWL	13 3/8"	145'	165	17 1/4"	SURF	CIRC	2 3/8"	FG	6550'	TENSION PKR.		5600'
			9 5/8"	2939'	1600	12 1/4"	115'	TEMP-SVY				TENSION PKR.		6350'
			7"	6810'	600	8 3/4"	1970'	TEMP-SVY				BAKER	LOK-SET	6550'
218W	2-21S-37E	3546' FNL & 1700' FWL	13 3/8"	222'	250	17 1/2"	SURF	CIRC	2 3/8"	FG	6600'	TENSION PKR.		5700'
			8 5/8"	3150'	1800	11"	SURF	CIRC				TENSION PKR.		6350'
			5 1/2" LNR	2948'-7997'	895	7 7/8"	2948'	CIRC				BAKER	LOK-SET	6600'
221W	2-21S-37E	2983' FSL & 2317' FEL	13 3/8"	271'	300	17 1/4"	SURF	CIRC	2 3/8"	FG	6600'	TENSION PKR.		5700'
			8 5/8"	2998'	3400	11"	1430'	TEMP-SVY				TENSION PKR.		6250'
			5 1/2"	8258'	675	7 7/8"	4085'	TEMP-SVY				BAKER	LOK-SET	6600'
303W	3-21S-37E	1980' FSL & 1980' FWL	13 3/8"	228'	300	17 1/4"	SURF	CIRC	2 3/8"	FG	6450'	TENSION PKR.		5600'
			8 5/8"	2916'	2000	11"	SURF	CIRC				BAKER	LOK-SET	6450'
			5 1/2"	6674'	600	7 7/8"	3601'	TEMP-SVY						

LINING TYPES: FG = FIBERGLASS EPOXY

LEASE NAME

WELL NO	LOCATION	SURVEY	CASING						TUBING			PACKER(S)		
	SEC-TS-RNG		SIZE	DEPTH	SXS. OF CMT.	HOLE SIZE	TOC	TOC DATA SOURCE	SIZE	LINING TYPE	DEPTH	MAKE	MODEL	DEPTH
Northeast Drinkard Unit														
307W	3-21S-37E	660' FSL & 1980' FEL	13 3/8"	224'	300	17 1/4"	SURF	CIRC	2 3/8"	FG	6550'	TENSION PKR.		5500'
			8 5/8"	3148'	3700	11"	SURF	CIRC				BAKER	LOK-SET	6550'
			5 1/2"	6674'	600	7 7/8"	3600'	FREE PT.						
309W	3-21S-37E	1830' FSL & 660' FEL	10 3/4"	268'	250	N/A	SURF	CIRC	2 3/8"	FG	6500'	TENSION PKR.		5700'
			7 5/8"	3128'	1145	N/A	1200'	TEMP-SVY				BAKER	LOK-SET	6500'
			5 1/2"	8020'	550	N/A	2550	TEMP-SVY						
315W	2-21S-37E	1980' FSL & 1880' FWL	13 3/8"	209'	250	17 1/4"	SURF	CIRC	2 3/8"	FG	6550'	TENSION PKR.		5600'
			8 5/8"	3145'	2000	11"	SURF	CIRC				TENSION PKR.		6350'
			5 1/2" LNR	2950'-6701'	700	7 7/8"	2950'	CIRC				BAKER	LOK-SET	6550'
403W	10-21S-37E	460' FNL & 1980' FWL	13 3/8"	337'	300	N/A	SURF	CIRC	2 3/8"	FG	6525'	TENSION PKR.		5700'
			8 5/8"	3000'	300	N/A	1900'	TEMP-SVY				TENSION PKR.		6150'
			5 1/2"	6485'	375	N/A	3150'	TEMP-SVY				BAKER	LOK-SET	6525'
			4" F LNR	6413'-6790'	35	4 3/4"	6413'	CIRC						
407W	10-21S-37E	1980' FNL & 2310' FEL	13 3/8"	251'	250	17"	SURF	CIRC	2 3/8"	FG	6500'	TENSION PKR.		5700'
			9 5/8"	3149'	1156	12 1/4"	950'	TEMP-SVY				TENSION PKR.		6150'
			7"	7795'	1308	8 3/4"	SURF	CIRC				BAKER	LOK-SET	6500'
503W	10-21S-37E	2080' FSL & 2080' FWL	13 3/8"	333'	375	17 1/2"	SURF	CIRC	2 3/8"	FG	6400'	TENSION PKR.		5600'
			9 5/8"	3165'	1400	12 1/4"	SURF	CIRC				TENSION PKR.		6050'
			5 1/2"	7785'	400	6 3/4"	2500'	N/A				BAKER	LOK-SET	6400'
506W	10-21S-37E	660' FSL & 1980' FEL	10 3/4"	342'	300	15"	SURF	CIRC	2 3/8"	FG		TENSION PKR.		5550'
			7 5/8"	3098'	1600	9 7/8"	SURF	CIRC				BAKER	LOK-SET	6350'
			5 1/2"	7673'	485	6 3/4"	2945'	TEMP-SVY						

LINING TYPES: FG = FIBERGLASS EPOXY

LEASE NAME

WELL NO	LOCATION	SURVEY	CASING						TUBING			PACKER(S)		
	SEC-TS-RNG		SIZE	DEPTH	SXS. OF CMT.	HOLE SIZE	TOC	TOC DATA SOURCE	SIZE	LINING TYPE	DEPTH	MAKE	MODEL	DEPTH
Northeast Drinkard Unit														
511W	11-21S-37E	660' FWL & 660' FSL	10 3/4"	269'	225	13 3/4"	SURF	CIRC	2 3/8"	FG	6400'	TENSION PKR.		5500'
			7 5/8"	3069'	1880	9 7/8"	SURF	CIRC				BAKER	LOK-SET	6400'
			5 1/2"	6699'	350	6 3/4"	3225'	TEMP-SVY						
605W	15-21S-37E	760' FNL & 1980' FWL	13 3/8"	295'	300	N/A	SURF	CIRC	2 3/8"	FG	6400'	TENSION PKR.		5500'
			8 5/8"	2997'	2000	N/A	SURF	CIRC				BAKER	LOK-SET	6400'
			5 1/2" LNR	SURF-2830'	550	N/A	SURF	CIRC						
			5 1/2" LNR	2839'-7675'	350	N/A	3840'	N/A						
610W	15-21S-37E	2210' FNL & 2310' FEL	13 3/8"	222'	250	17 1/4"	SURF	CIRC	2 3/8"	FG	6400'	TENSION PKR.		5500'
			8 5/8"	2925'	2000	11"	SURF	CIRC				BAKER	LOK-SET	6400'
			5 1/2"	7635'	695	7 7/8"	5050'	CALC W/ 50% LOSS						
612W	15-21S-37E	660' FNL & 660' FEL	13 3/8"	336'	325	17 1/2"	SURF	CIRC	2 3/8"	FG	6450'	TENSION PKR.		5700'
			8 5/8"	3007'	935	12 1/4"	100'	TEMP-SVY				BAKER	LOK-SET	6450'
			6 5/8"	121'										
			5 1/2"	121'-6693'	1180	7 7/8"	SURF	CIRC						
615W	14-21S-37E	1980' FNL & 1980' FWL	13 3/8"	214'	250	17 1/4"	SURF	CIRC	2 3/8"	FG	6350'	TENSION PKR.		5650'
			8 5/8"	3000'	1500	11"	SURF	CIRC				BAKER	LOK-SET	6350'
			5 1/2" LNR	2768'-6565'	500	7 7/8"	2768'	CIRC						
703W	15-21S-37E	1980' FSL & 1980' FWL	13 3/8"	208'	250	17 1/4"	SURF	CIRC	2 3/8"	FG	6450'	TENSION PKR.		5500'
			8 5/8"	2891'	1500	11"	SURF	CIRC				BAKER	LOK-SET	6450'
			5 1/2"	6494'	600	7 7/8"	3800'	FREE PT.						

LINING TYPES: FG = FIBERGLASS EPOXY

LEASE NAME

WELL NO	LOCATION	SURVEY	CASING						TUBING			PACKER(S)		
	SEC-TS-RNG		SIZE	DEPTH	SXS. OF CMT.	HOLE SIZE	TOC	TOC DATA SOURCE	SIZE	LINING TYPE	DEPTH	MAKE	MODEL	DEPTH
Northeast Drinkard Unit														
708W	15-21S-37E	660' FSL & 1980' FEL	13 3/8"	300'	250	17"	SURF	CIRC	2 3/8"	FG	6450'	TENSION PKR.		5450'
			8 5/8"	2799'	1200	11"	SURF	CIRC				BAKER LOK-SET		6450'
			5 1/2"	6590'	750	7 7/8"	3750'	CALC W/ 50% LOSS						
709W	15-21S-37E	1980' FSL & 660' FEL	13 3/8"	306'	300	N/A	SURF	CIRC	2 3/8"	FG	6400'	TENSION PKR.		5500'
			8 5/8"	2802'	1500	N/A	SURF	CIRC				BAKER LOK-SET		6400'
			5 1/2"	6596'	750	N/A	1250'	N/A						
803W	22-21S-37E	660' FNL & 1980' FWL	13 3/8"	226'	200	17 1/4"	SURF	CIRC	2 3/8"	FG	6350'	TENSION PKR.		5450'
			8 5/8"	2918'	1500	11"	SURF	CIRC				BAKER LOK-SET		6350'
			5 1/2"	6559'	700	7 7/8"	2800'	FREE PT.						
807W	22-21S-37E	1750' FNL & 2310' FEL	13 3/8"	315'	360	17 1/4"	SURF	CIRC	2 3/8"	FG	6300'	TENSION PKR.		5650'
			8 5/8"	2799'	1651	11"	SURF	CIRC				BAKER LOK-SET		6300'
			5 1/2"	7520'	580	7 7/8"	4424'	TEMP-SVY						
808W	22-21S-37E	660' FNL & 660' FEL	13 3/8"	291'	300	17 1/4"	SURF	CIRC	2 3/8"	FG	6400'	TENSION PKR.		5650'
			9 5/8"	2800'	1300	12 1/4"	1500'	TEMP-SVY				BAKER LOK-SET		6400'
			7"	6550'	700	8 3/4"	2720'	TEMP-SVY						
811W	23-21S-37E	1980' FNL & 660' FWL	13 3/8"	293'	300	17 1/4"	SURF	CALC W/ 50% LOSS	2 3/8"	FG	6400'	TENSION PKR.		5700'
			8 5/8"	2798'	1200	11"	SURF					BAKER LOK-SET		6400'
			5 1/2"	6520'	400	7 7/8"	5000'	CALC W/ 50% LOSS						
815W	23-21S-37E	1750' FNL & 1980' FEL	13 3/8"	378'	400	17 1/2"	SURF	CIRC	2 3/8"	FG	6400'	TENSION PKR.		5650'
			9 5/8"	3203'	1160	12 1/4"	SURF	CIRC				BAKER LOK-SET		6400'
			7" LNR	3062'-6750'	888	8 5/8"	3062'	CIRC						

LINING TYPES: FG = FIBERGLASS EPOXY

LEASE NAME

WELL NO	LOCATION	SURVEY	CASING						TUBING			PACKER(S)		
	SEC-TS-RNG		SIZE	DEPTH	SXS. OF CMT.	HOLE SIZE	TOC	TOC DATA SOURCE	SIZE	LINING TYPE	DEPTH	MAKE	MODEL	DEPTH
Northeast Drinkard Unit														
904W	22-21S-37E	2065' FSL & 1700' FWL	13 3/8"	220'	300	17 1/4"	SURF	CIRC	2 3/8"	FG	6350'	TENSION PKR.		5650'
			8 5/8"	2905'	2000	11"	SURF	CIRC				BAKER	LOK-SET	6350'
			5 1/2"	6480'	500	7 7/8"	4400'	FREE PT.						
909W	22-21S-37E	1980' FSL & 660' FEL	13 3/8"	224'	300	17 1/4"	SURF	CIRC	2 3/8"	FG	6350'	TENSION PKR.		5650'
			8 5/8"	2913'	1955	11"	SURF	CIRC				BAKER	LOK-SET	6350'
			5 1/2"	6450'	500	7 7/8"	4545'	CALC W/ 50% LOSS						
915W	23-21S-37E	1980' FSL & 1980' FEL	10 3/4"	270'	200	12 1/2"	SURF	CIRC	2 3/8"	FG	6450'	TENSION PKR.		5550'
			7 5/8"	2933'	1200	9 1/2"	1620'	TEMP-SVY				BAKER	LOK-SET	6450'
			5 1/2"	6000'	250	6 3/4"	3820'	TEMP-SVY						
			3 1/2" LNR	6000'-6650'	150	4 3/4"	6000'	CIRC						

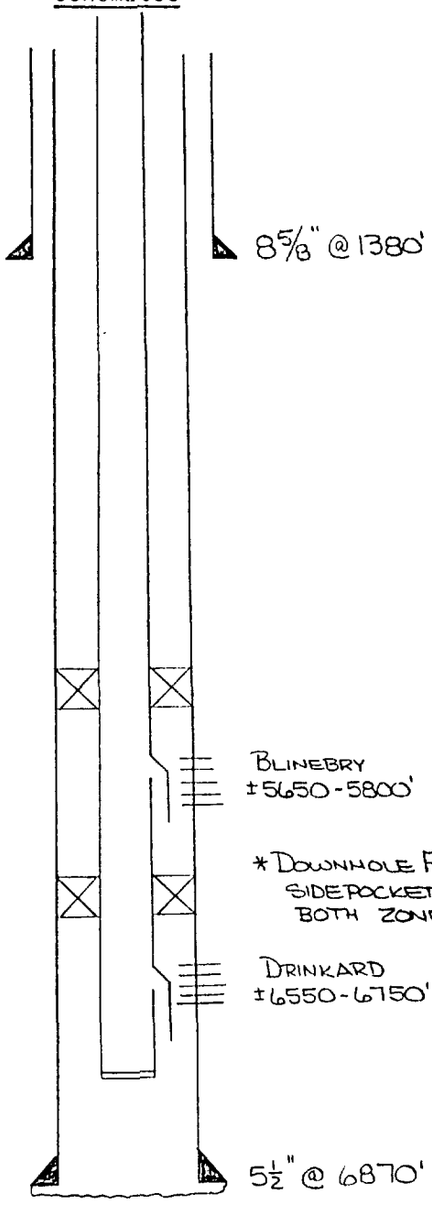
LINING TYPES: FG = FIBERGLASS EPOXY

INJECTION WELL DATA SHEET

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY SWEPI's TAYLOR GLENN #11)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
105W	2080'FNL & 660'FWL	3	21S	37E

Schematic



Tabular Data

Surface Casing

Size 8⅝" " Cemented with 400 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Intermediate Casing

Size — " Cemented with — sx.

TOC — feet determined by —

Hole size —

Long string

Size 5½" " Cemented with 760 sx.

TOC 3975' feet determined by CALC. w/ 50% LOSSES

Hole size 7⅞"

Total depth 6870'

Injection interval

±5650 feet to ±6750 feet (PERF'D)
(perforated or open-hole, indicate which)

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6500' feet (or describe any other casing-tubing seal). & TENSION SET PKR @ ±5600'

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☑ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

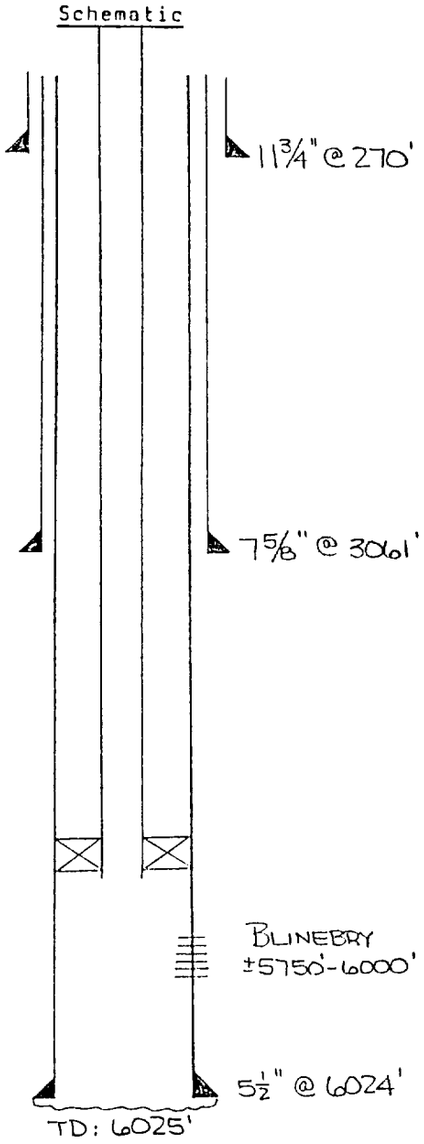
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VP1

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY CONOCO ET AL. W.C. HAWK B-3 No. 15)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
109W	660' FNL & 1980' FEL	3	21S	37E

Schematic



Tabular Data

Surface Casing

Size 11¾" Cemented with 375 sx.

TOC SURF feet determined by CIRC

Hole size N/A

Intermediate Casing

Size 7⅝" Cemented with 1112 sx.

TOC 1517 feet determined by TEMP SVY.

Hole size N/A

Long string

Size 5½" Cemented with 375 sx.

TOC 3190 feet determined by TEMP SVY

Hole size N/A

Total depth 6025'

Injection interval

±5750 feet to ±6000 feet (PERF'D)
(perforated or open-hole, indicate which)

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a

PAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±5700 feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

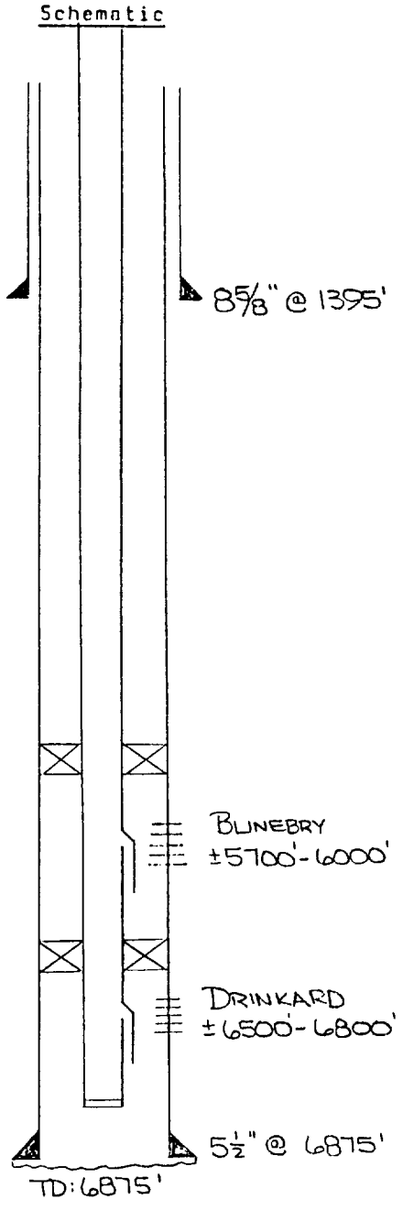
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VR1

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY CONOCO ET, W.C. HAWK B-3 No. 24)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
111W	2232' FNL & 2310' FEL	3	21S	37E

Schematic



Tabular Data

Surface Casing

Size 8⅝" Cemented with 599 sx.

TOC SURF feet determined by CIRC

Hole size 12¼"

Intermediate Casing

Size — " Cemented with — sx.

TOC — feet determined by —

Hole size —

Long string

Size 5½" Cemented with 2612 sx.

TOC SURF feet determined by CIRC

Hole size 7⅞"

Total depth 6875'

Injection interval

±5700 feet to ±6800 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATORS IN SIDEPOCKET MANDRELS OPPOSITE BOTH ZONES.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6500 feet, w/ A TENSION PKR AT ±5650'.
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No
   If no, for what purpose was the well originally drilled? DRINKARD PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

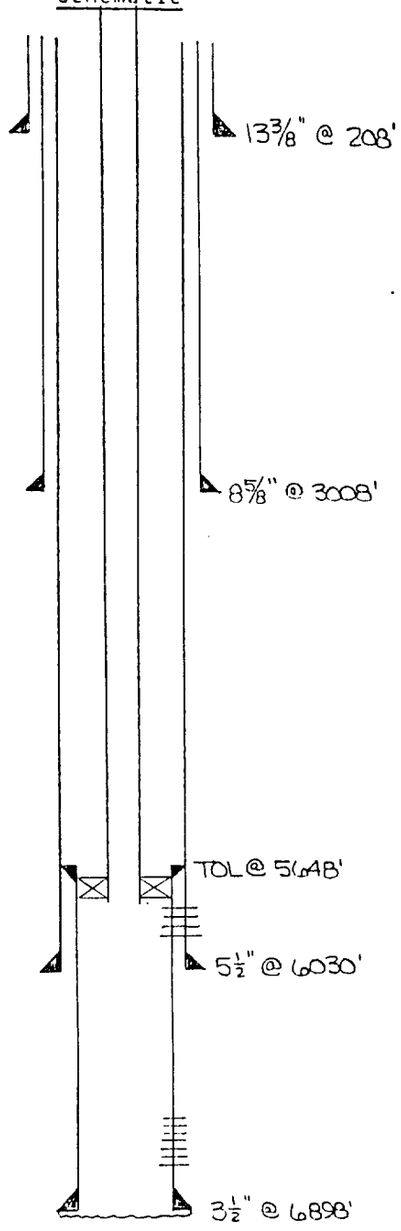
VJJ

INJECTION WELL DATA SHEET

OPERATOR	LEASE	
SWEPT	NORTHEAST DRINKARD UNIT	(FORMERLY MERIDIAN'S STATE SEC 2 #16, OPERATED AS INJECTOR BY CONOCO)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
114W	900' FNL & 660' FWL	2	21S	37E

Schematic



Tabular Data

Surface Casing

Size 13 3/8" Cemented with 240 sx.

TOC SURF feet determined by CIRC

Hole size 17 1/4"

Short Intermediate Casing

Size 8 5/8" Cemented with 1750 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Intermediate Long String

Size 5 1/2" Cemented with 225 sx.

TOC 4780 feet determined by TEMP SVY

Hole size 7 7/8"

Long String

Size 3 1/2" LINER Cemented with 100

TOC TOL @ 5648' determined by CIRC

Hole Size 4 3/4"

Total Depth 6898'

Injection Interval

±5750 feet to ±6850 feet (Perf'd)

Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a 3 1/2" BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±5700 feet.

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

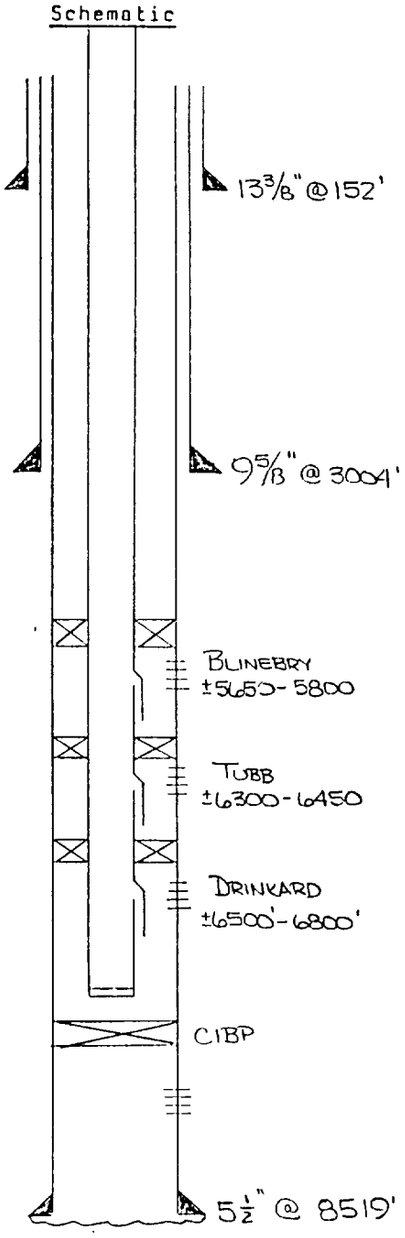
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V31
7/87

OPERATOR	LEASE			
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY MERIDIAN'S STATE SEC 2 #2)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
115W	?		2-21S-37E	

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 165 sx.

TOC SURF feet determined by CIRC

Hole size 17¼"

Intermediate Casing

Size 9⅝" Cemented with 1600 sx.

TOC SURF feet determined by CIRC

Hole size 12¼"

Long string

Size 5½" Cemented with 550 sx.

TOC 4250 feet determined by TEMP SVY

Hole size 7⅞"

Total depth 8519'

Injection interval

±5650 feet to ±6800 feet (PERF'D)
(perforated or open-hole, indicate which)

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6475' feet, (or describe any other casing-tubing seal). w/ TENSION PKRS AT ±6250' AND ±5600'.

Other Data

1. Name of the injection formation BLINEBRY/TUBB/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

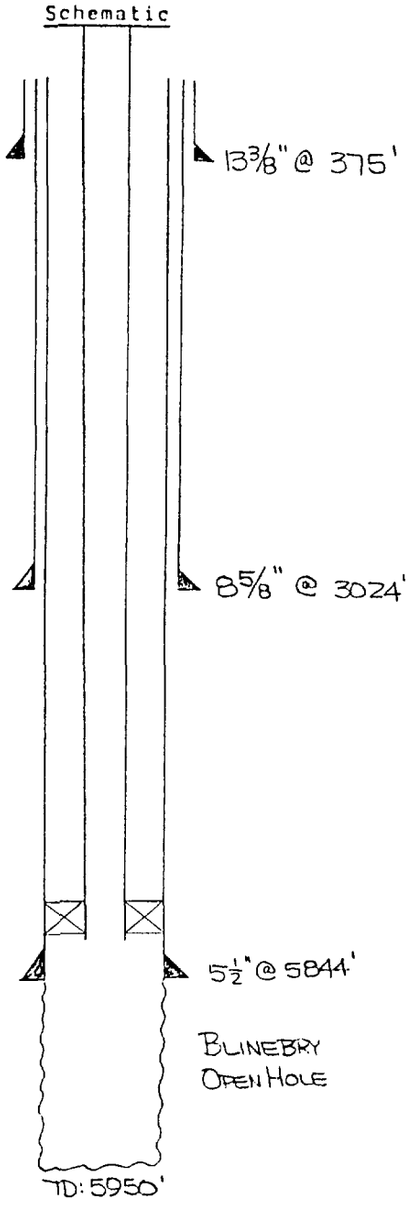
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) WICHITA: 7042-7513 'ISOLATED w/ CIBP @ 6902' IN FEB. 1952

5. Give the depth to and name of any overlying and/or underlying oil or gas zone(s) (if any) in this area.

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY CHEVRON'S HARRY LEONARD #10)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
121W	2220' FNL & 2307' FEL	2	21S	37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 425 sx.

TOC SURF feet determined by CIRC

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 2950 sx.

TOC 317 feet determined by TEMP SVY

Hole size 11"

Long string

Size 5½" Cemented with 1120 sx.

TOC 3100 feet determined by TEMP SVY

Hole size 7⅞"

Total depth 5950' (CSG TO 5844)

Injection interval

5844 feet to 5950 feet (OPEN HOLE)

(perforated or open-hole, indicate which)

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a

BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±5800 feet.

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

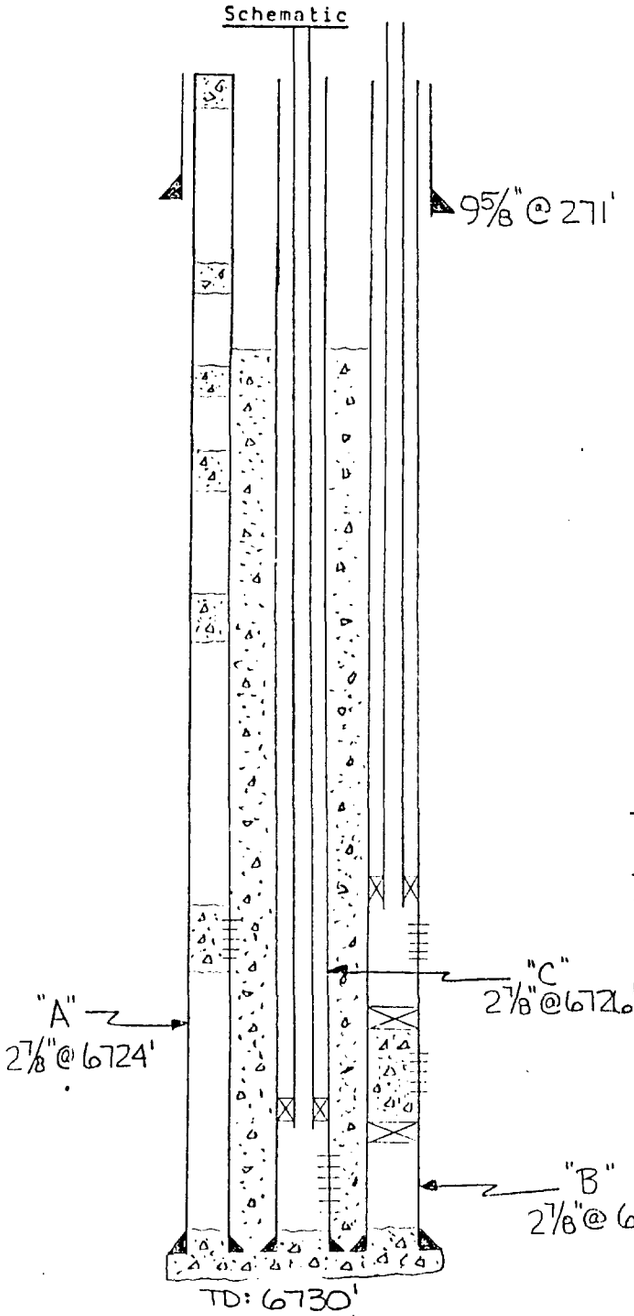
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VP1 7/07

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's LIVINGSTON #11)		
WELL NO.	**FOOTAGE LOCATION**	**SECTION**	**TOWNSHIP** **RANGE**
205W	6600' FWL & 3300' FSL	3	21S – 37E

Schematic



Tabular Data

Surface Casing

Size 9⅝" Cemented with 250 sx.

TOC SURF feet determined by CIRC

Hole size 12¼"

Long String "A"

Size 2⅞" Cemented with 635 sx.

TOC 2400 feet determined by TEMP SVY

Long string "B"

Size 2⅞" Cemented with 635 sx.

TOC 2400 feet determined by TEMP SVY

Long String "C"

Size 2⅞" Cemented with 635

TOC 2400 feet determined by TEMP SVY

Hole Size 8¾"

Total Depth 6730' ("A" & "B" to 6724', "C" to 6726')

Injection Interval

±5650' - 5850' in "B" string

±6450' - 6650' in "C" string

"A" string is P&A'd

Tubing size 1½" in "B" & "C" lined with PLASTICOATING (SC-750 or equivalent) (material) set in a 2⅞" BAKER R-3 (OR EQUIVALENT) (brand and model) packer at ±5600' in "B" ~~feet~~ AND ±6400' in "C"

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY in "B", DRINKARD in "C"
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

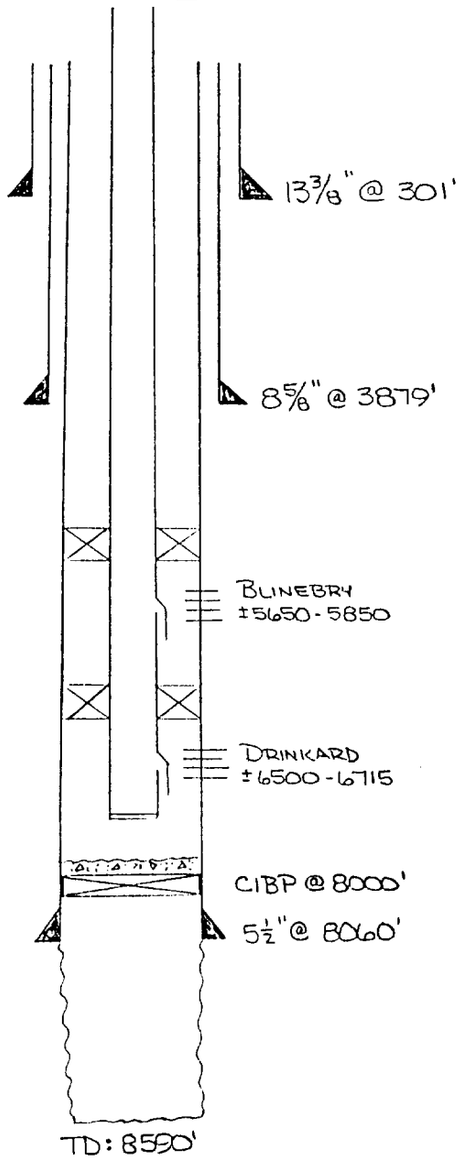
   BLINEBRY/TUBB/DRINKARD TRIPLE TUBINGLESS PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

   —NO—
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

OPERATOR: SWEPI | LEASE: NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's TAYLOR GLENN #1)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
206W	3226' FNL & 1980' FWL	3	21S	37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 250 sx.

TOC SURF feet determined by CIRC

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 4800 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Long string

Size 5½" Cemented with 675 sx.

TOC 2915' feet determined by TEMP SVY

Hole size 7⅞"

Total depth 8590' (CSG TO 8060')

Injection interval

±5650' feet to ±6715 feet (PERF'D)
(perforated or open-hole, indicate which)

*DOWNHOLE FLOW REGULATORS IN SIDEPOCKET MANDRELS OPPOSITE BOTH ZONES.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6450 feet, (or describe any other casing-tubing seal). AND TENSION SET PKR @ ±5600'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

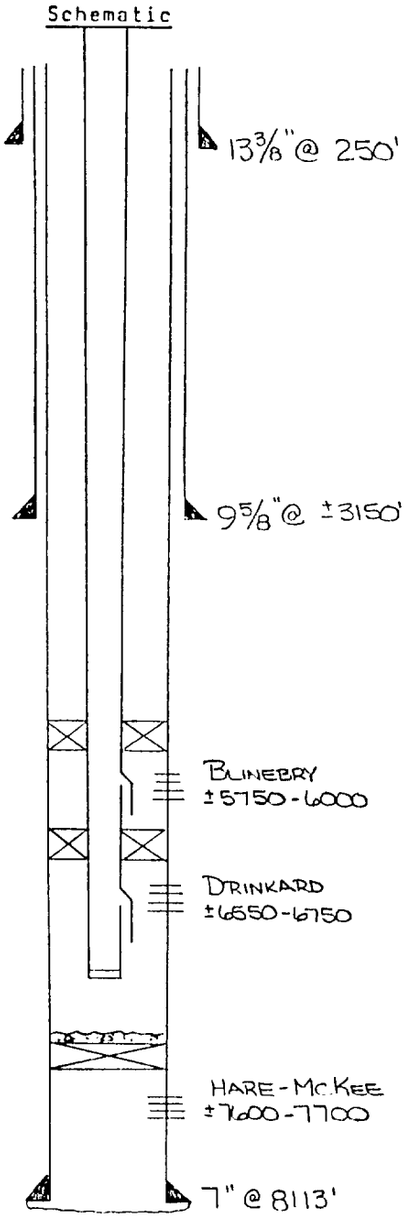
   If no, for what purpose was the well originally drilled? BLINEBRY/DRINKARD OIL PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) -NO-
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V31

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY CONOCO ET. AL. W.C. HAWK B-3 #2)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP / RANGE
209W	3150'FSL & 1650'FEL	3	21S-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 250 sx.

TOC SURF feet determined by CIRC.

Hole size 17½"

Intermediate Casing

Size 9⅝" Cemented with 1370 sx.

TOC 1450 feet determined by TEMP SVY

Hole size 12¼"

Long string

Size 7" Cemented with 940 sx.

TOC 2950' feet determined by TEMP SVY

Hole size 8¾"

Total depth 8114

Injection interval

±5750 feet to ±6750 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE BOTH INTERVALS

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6500 feet, (or describe any other casing-tubing seal). W/ A TENSION PKR AT ±5700'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

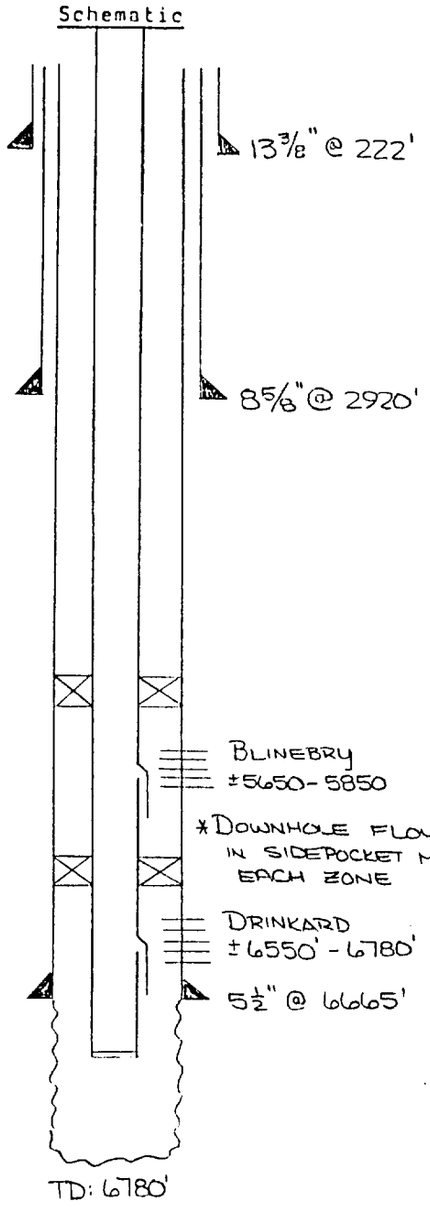
   If no, for what purpose was the well originally drilled? HARE-McKEE PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) HARE-McKEE (±7600-7700) CIBP W/ 20' CMT CAP @±7500' TO BE SET UPON UNITIZATION.
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VPJ 7/--

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's TAYLOR GLENN #2)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP / RANGE
211W	4620' FSL & 660' FEL	3	21S-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 300 sx.

TOC SURF. feet determined by CIRC.

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 2200 sx.

TOC SURF feet determined by CIRC.

Hole size 11"

Long string

Size 5½" Cemented with 600 sx.

TOC 3200 feet determined by FREE POINT

Hole size 7⅞"

Total depth 6780' (CSIA TO 6666')

Injection interval

±5650 feet to 6780 feet
(perforated or open-hole, indicate which)

PERF'D ±5650-6665
OPEN HOLE 6665-6780

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6500' feet, (or describe any other casing-tubing seal). AND TENSION SET PKR AT ±5600'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☑ No

If no, for what purpose was the well originally drilled? TUBB/DRINKARD OIL PRODUCER

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) TUBB (6147'-6436') WILL BE SQZ'D W/ ±400 SX

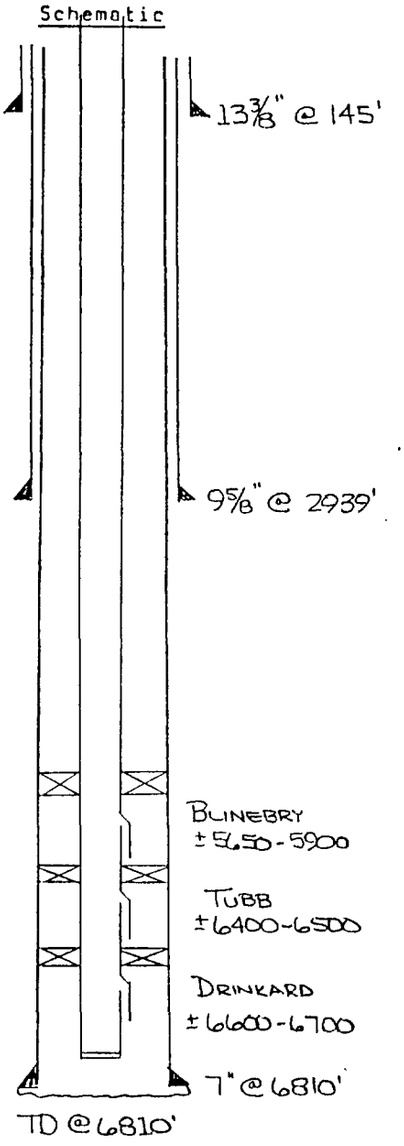
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VRJ

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY MERIDIAN'S STATE SECTION 2 #1)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
214W	3300' FSL & 660' FWL	2	21S	37E

Schematic



Tabular Data

Surface Casing

Size 13 3/8" Cemented with 165 sx.

TOC SURF feet determined by CIRC.

Hole size 17 1/4"

Intermediate Casing

Size 9 5/8" Cemented with 1600 sx.

TOC 115' feet determined by TEMP SVY.

Hole size 12 1/4"

Long string

Size 7" Cemented with 600 sx.

TOC 1970 feet determined by TEMP SVY

Hole size 8 3/4"

Total depth 6810'

Injection interval

±5650 feet to ±6700 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH ZONE.

Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6550' feet,

(or describe any other casing-tubing seal). W/ TENSION PKRS AT ±6350' & ±5600'

Other Data

1. Name of the injection formation BLINEBRY/TUBB/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

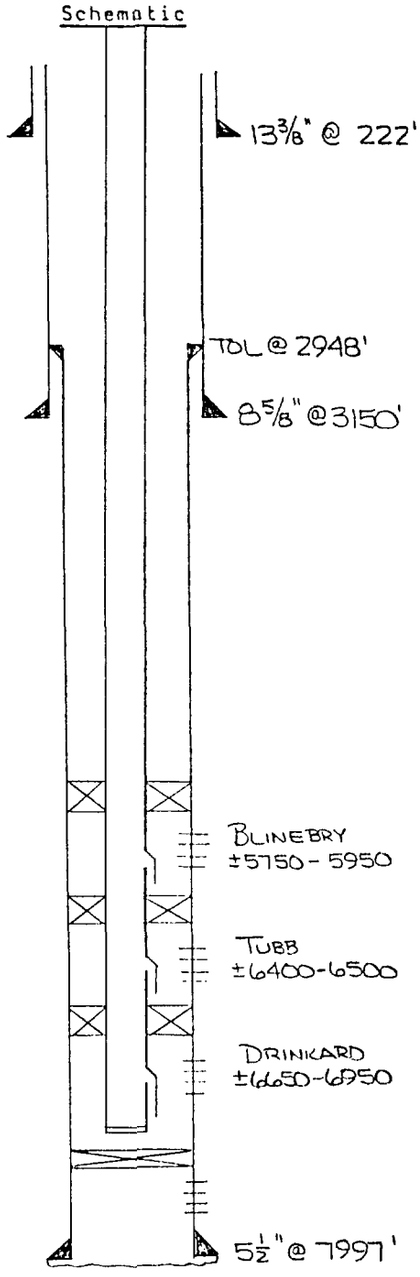
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VP1 9/87

OPERATOR	LEASE			
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's STATE SECTION 2 #16)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
218W	3546' FNL & 1700' FWL		2-21S	37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 250 sx.

TOC SURF feet determined by CIRC.

Hole size 17½"

Intermediate Casing

Size 8⅝" Cemented with 1800 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Long string

Size 5½" LINER Cemented with 895 sx.

TOC TOL @ 2948' feet determined by CIRC.

Hole size 7⅞"

Total depth 8000' (LINER TO 7997')

Injection interval

±5750 feet to ±6950 feet (TERF'D)
(perforated or open-hole, indicate which)

*FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6600 feet, (or describe any other casing-tubing seal). W/ TENSION PKRS AT ±6350' AND ±5700'.

Other Data

1. Name of the injection formation BLINEBRY / TUBB / DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

BLINEBRY / DRINKARD OIL PRODUCER

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

McKEE (7668'-7976'). ISOLATED BY CMT CAPPED CIBP @ 7510'.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VRJ

OPERATOR: SWEPI

LEASE: NORTHEAST DRINKARD UNIT (FORMERLY CHEVRON'S HARRY LEONARD #6)

WELL NO.: 221W

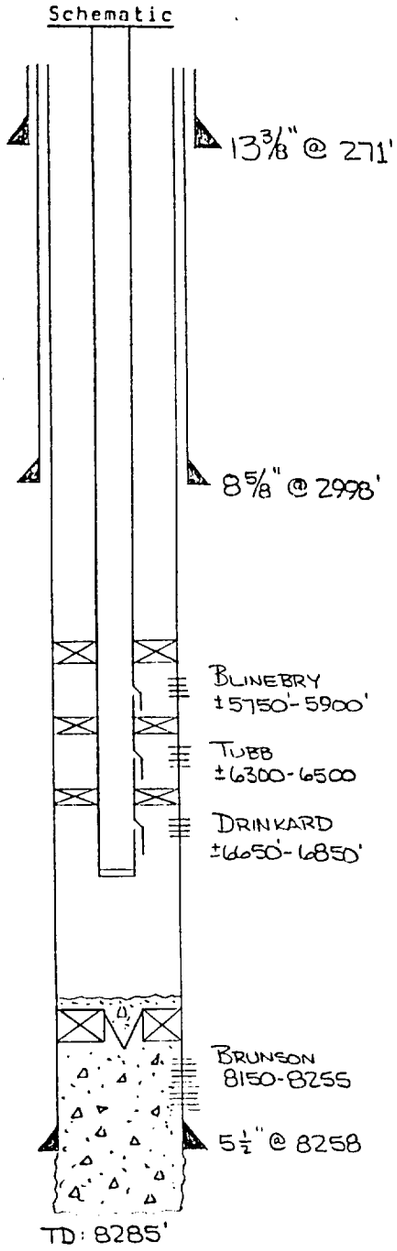
FOOTAGE LOCATION: 2983' FSL & 2317 FEL

SECTION: 2

TOWNSHIP: 21S

RANGE: 37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 300 sx.

TOC SURF feet determined by CIRC.

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 3400 sx.

TOC 1430' feet determined by TEMP SVY

Hole size 11"

Long string

Size 5½" Cemented with 675 sx.

TOC 4085 feet determined by TEMP SVY

Hole size 7⅞"

Total depth 8285' (CSG TO 8258')

Injection interval

±5750 feet to ±6850 feet (PERF'D)

(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6600 feet, (or describe any other casing-tubing seal). W/ TENSION PKRS AT ±6250' AND ±5700'.

Other Data

1. Name of the injection formation BLINEBRY/TUBB/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) BRUNSON 8150'-8255', SET CMT RETAINER @ 8100 & SQZ'D W/ 70SX IN 11/56

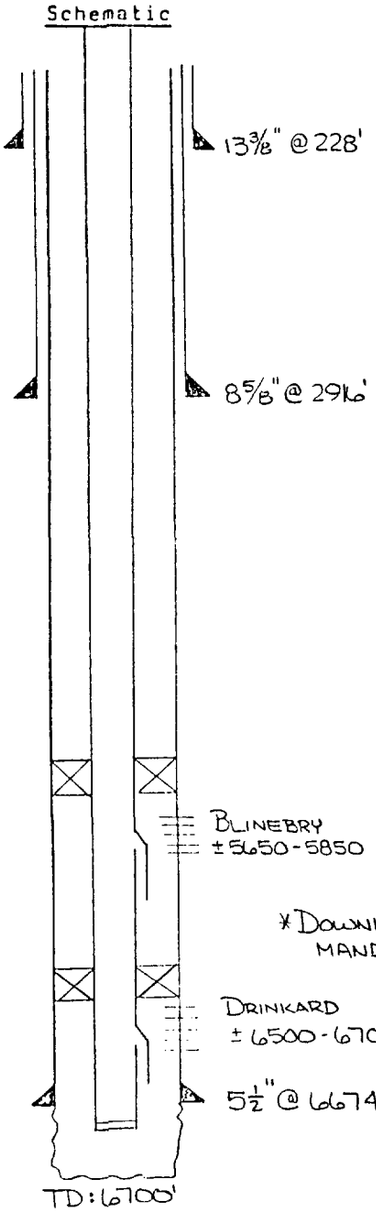
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VP1 7/87

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY SWEPI's LIVINGSTON #1)	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP / RANGE
303W	1980' FSL & 1980' FWL		3-21S-37E

Schematic



Tabular Data

Surface Casing

Size 13 3/8" " Cemented with 300 sx.

TOC SURF feet determined by CIRC

Hole size 17 1/4"

Intermediate Casing

Size 8 5/8" " Cemented with 2000 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Long string

Size 5 1/2" " Cemented with 600 sx.

TOC 3601 feet determined by TEMP SVY

Hole size 7 7/8"

Total depth 6700' (CSG TO 6674')

Injection interval

±5650 feet to 6700 feet
(perforated or open-hole, indicate which)

PERF'D 5650-6650
OPEN HOLE 6674-6700

*DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH ZONE.

Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6450 feet, (or describe any other casing-tubing seal). AND TENSION SET PKR AT ±5600'.

Other Data

1. Name of the injection formation BLINEBRY / DRINKARD

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

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

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

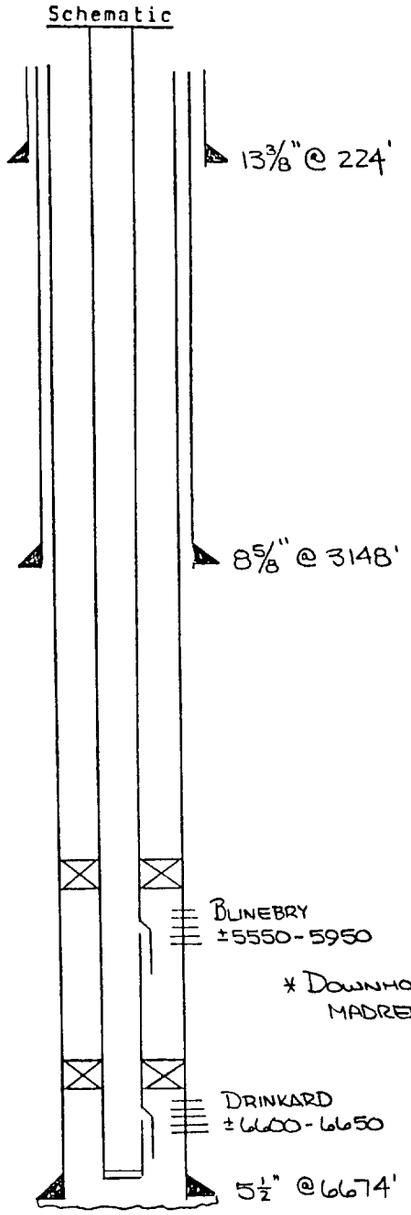
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VPJ

OPERATOR	LEASE			
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's LIVINGSTON #2)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
307W	6660' FSL & 1980' FEL		3	21S-37E

Schematic



* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MADREL OPPOSITE EACH ZONE.

Tabular Data

Surface Casing

Size 13⅜" Cemented with 300 sx.

TOC SURF feet determined by (CIRC)

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 3700 sx.

TOC SURF feet determined by (CIRC)

Hole size 11"

Long string

Size 5½" Cemented with 600 sx.

TOC 3600' feet determined by FREE POINT

Hole size 7⅞"

Total depth 6674'

Injection interval

±5550 feet to ±6650 feet (PERF'D)
(perforated or open-hole, indicate which)

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6550 feet, (or describe any other casing-tubing seal). AND TENSION SET PKR @ ±5500'

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

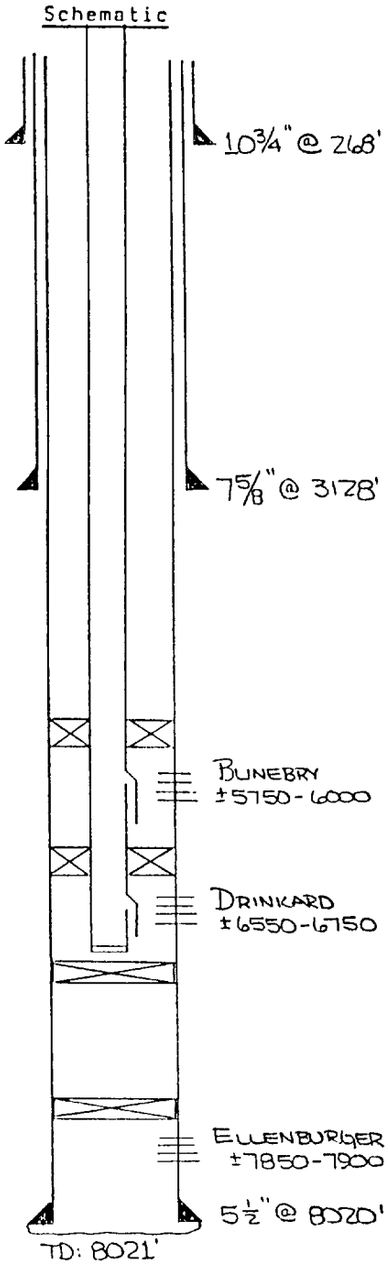
   If no, for what purpose was the well originally drilled? BLINEBRY/TUBB/DRINKARD PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

   YES → SAN ANDRES (5102-5170) SQZ'D W/ 75SX. PADDOCK (5303'-5425') SQZ'D W/ 75SX. TUBB (6185'-6329') WILL BE SQZ'D W/ ±250SX.
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VRJ

OPERATOR	LEASE			
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY CONOCO ET. AL W.C. HAWK B-3 #7)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
309W	1830' FSL & 660' FEL	3	21S	37E

Schematic



Tabular Data

Surface Casing

Size 10¾ " Cemented with 250 sx.

TOC SURF feet determined by CIRC.

Hole size N/A

Intermediate Casing

Size 7⅝ " Cemented with 1145 sx.

TOC 1200 feet determined by TEMP SVY

Hole size N/A

Long string

Size 5½ " Cemented with 550 sx.

TOC 2550 feet determined by TEMP SVY

Hole size N/A

Total depth 8021'

Injection interval

±5750 feet to ±6750 feet (PERF'D)
(perforated or open-hole, indicate which)

*DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE BOTH ZONES.

Tubing size 2⅜ " lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6500' feet, w/ A TENSION PKR AT ±5700'.

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

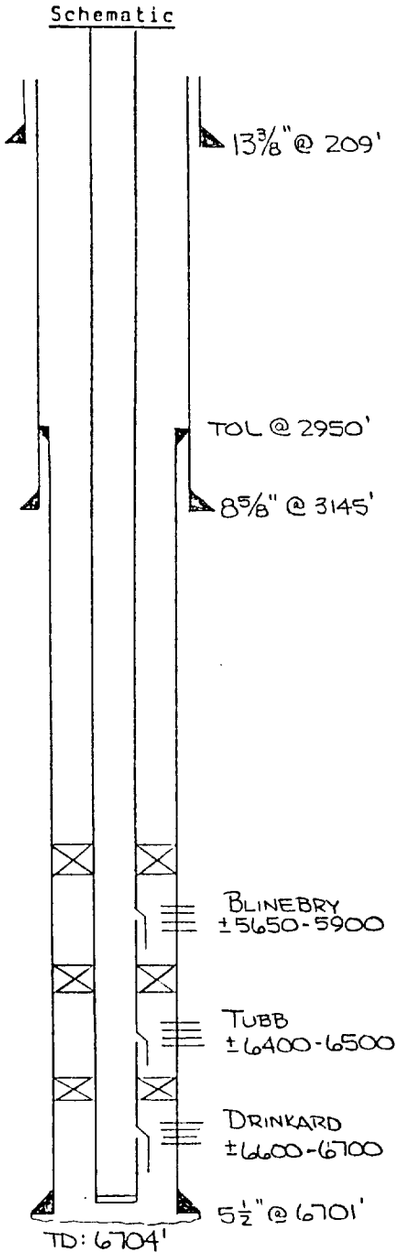
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) ELLENBURGER (±7850-7900) CIBP @ 7800' AND 6900'.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V31 7/07

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's STATE SECTION 2 #9)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP / RANGE
315W	1980' FSL & 1880' FWL		2-21S-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 250 sx.

TOC SURF feet determined by (CIRC)

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 2000 sx.

TOC SURF feet determined by (CIRC)

Hole size 11"

Long string

Size 5½" LINER Cemented with 700 sx.

TOC 2950' (TOL) feet determined by CIRC.

Hole size 7⅞"

Total depth 6704' (LINER TO 6701')

Injection interval

±5650 feet to ±6700 feet (P)
(perforated or open-hole, indicate which)

*DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH ZONE.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6550 feet, (or describe any other casing-tubing seal). WITH TENSION PKRS AT ±6350' AND ±5600'.

Other Data

1. Name of the injection formation BLINEBRY/TUBB/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

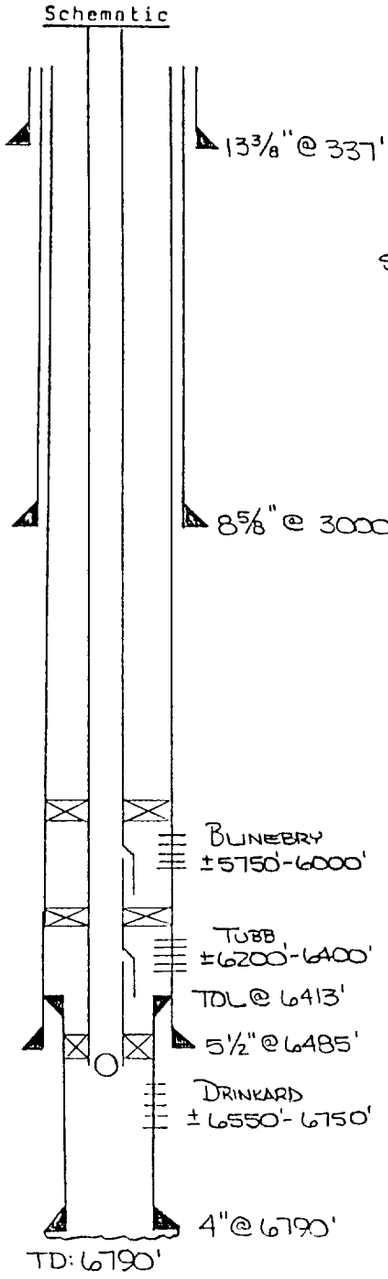
   If no, for what purpose was the well originally drilled? DRINKARD OIL PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) — NO —
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VRJ

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY CONOCO ET. AL. W.C. HAWK B-10 # 10)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
403W	460' FNL & 1980' FWL	10	21S	37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 300 sx.

TOC SURF feet determined by CIRC.

Hole size N/A

SHORT Intermediate Casing

Size 8⅝" Cemented with 300 sx.

TOC 1900 feet determined by TEMP SVY

Hole size N/A

INTERMEDIATE

Long String

Size 5½" Cemented with 375 sx.

TOC 3150 feet determined by TEMP SVY

Hole size N/A

Long String

SIZE 4" FLUSH LINER CEMENTED WITH 35 SX

TOC TOL @ 6413' DETERMINED BY CIRC.

HOLE SIZE 4¾"

TOTAL DEPTH 6790'

INJECTION INTERVAL

±5750 FEET TO ±6750 FEET

* DOWNHOLE FLOW REGULATORS IN SIDEPOCKET MANDRELS OPPOSITE BLINEBRY & TUBB, AND AT END OF TUBING ABOVE DRINKARD.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a 4" BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6525 feet, w/ 5½" TENSION PKRS AT ±6150 & ±5700'.

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY / TUBB / DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

If no, for what purpose was the well originally drilled? BLINEBRY OIL PRODUCER (LATER DEEPENED TO DRINKARD)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) — NO —

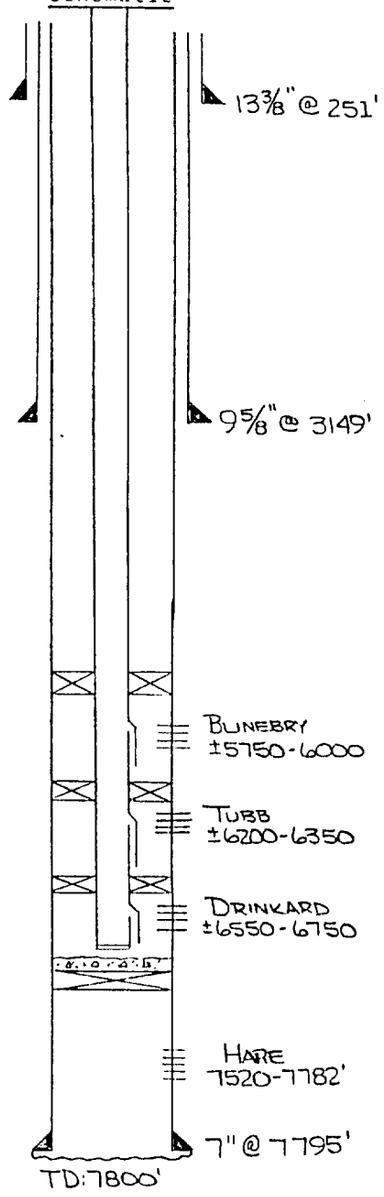
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V31 7/87

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY CONOCO ET. AL. W.C. HAWK B-10 #8)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
407W	1980' FNL & 2310' FEL		10-21S	37E

Schematic



Tabular Data

Surface Casing

Size 13 3/8" Cemented with 250 sx.

TOC SURF feet determined by CIRC

Hole size 17"

Intermediate Casing

Size 9 5/8" Cemented with 1156 sx.

TOC 950' feet determined by TEMP SVY

Hole size 12 1/4"

Long string

Size 7" Cemented with 1308 sx.

TOC SURF feet determined by CIRC.

Hole size 8 3/4"

Total depth 7800'

Injection interval

±5750 feet to ±6750 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6500 feet, w/ TENSION PKRS AT ±5700' & ±6150'
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY / TUBB / DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) HARE (7520'-7782') CIBP SET AT 6800' IN 11/64, CAPPED W/ 10SX CMT.

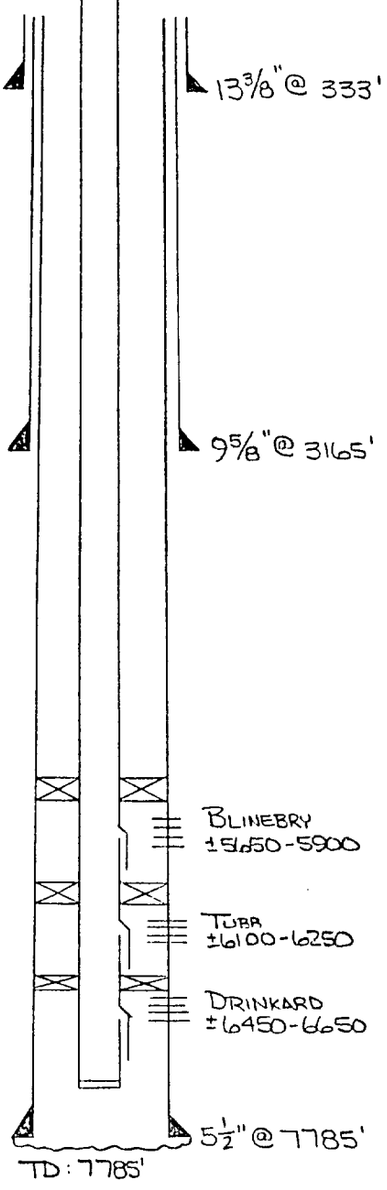
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VP1 7/07

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY EXXON'S NM V STATE #11)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
503W	2080' FSL & 2080' FWL	J	10-21S	37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 375 sx.

TOC SURF feet determined by CIRC

Hole size 17½"

Intermediate Casing

Size 9⅝" Cemented with 1400 sx.

TOC SURF feet determined by CIRC

Hole size 12¼"

Long string

Size 5½" Cemented with 400 sx.

TOC 2500 feet determined by N/A

Hole size 6¾"

Total depth 7785'

Injection interval

±5650' feet to ±6650' feet (PERF'D)
(perforated or open-hole, indicate which)

*DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6400 feet (or describe any other casing-tubing seal). W/ TENSION PKRS AT ±6050' AND ±5600'.

Other Data

1. Name of the injection formation BLINEBRY/TUBB/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

If no, for what purpose was the well originally drilled? BLINEBRY/TUBB PRODUCER

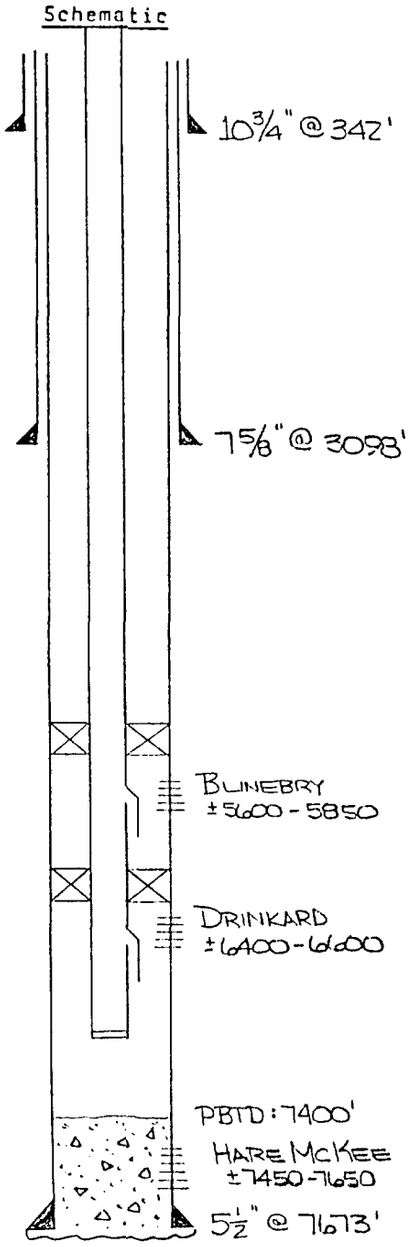
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VJ 7/87

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY EXXON'S NM V STATE #3)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP RANGE
50aW	660' FSL & 1980' FEL		10-21S-37E

Schematic



Tabular Data

Surface Casing

Size 10¾" Cemented with 300 sx.

TOC SURF feet determined by CIRC

Hole size 15"

Intermediate Casing

Size 7⅝" Cemented with 1600 sx.

TOC SURF feet determined by CIRC

Hole size 9⅞"

Long string

Size 5½" Cemented with 485 sx.

TOC 2945 feet determined by TEMP SVY

Hole size 6¾"

Total depth 7673'

Injection interval

±5600 feet to ±6600 feet (PERF'D)
(perforated or open-hole, indicate which)

*DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6350 feet, (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5550'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

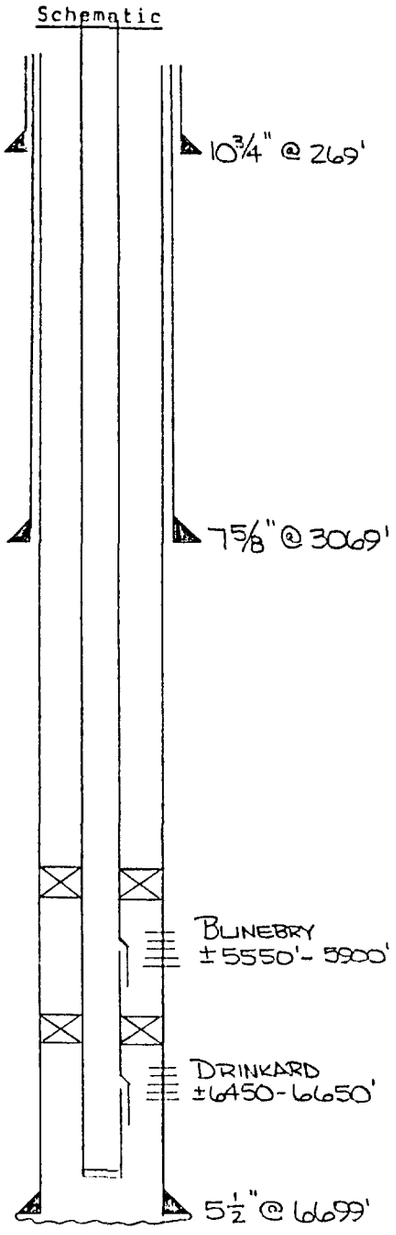
   If no, for what purpose was the well originally drilled? HARE MCKEE PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) HARE MCKEE (7450-7650) SQZ'D W/ 500SX IN 1963 — PBTD=7400'
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VTJ 7/6-

OPERATOR	LEASE	
SWEPT	NORTHEAST DRINKARD UNIT	(FORMERLY CONOCO ET. AL. J.H. NOLAN #1)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
511W	660' FWL & 660' FSL	11	21S	37E

Schematic



Tabular Data

Surface Casing

Size 10¾" Cemented with 225 sx.

TOC SURF feet determined by CIRC.

Hole size 13¾"

Intermediate Casing

Size 7⅝" Cemented with 1880 sx.

TOC SURF feet determined by CIRC.

Hole size 9⅞"

Long string

Size 5½" Cemented with 358 sx.

TOC 3225' feet determined by TEMP SVY

Hole size 6¾"

Total depth 6699'

Injection interval

±5550 feet to ±6650 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6400 feet, (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5500'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

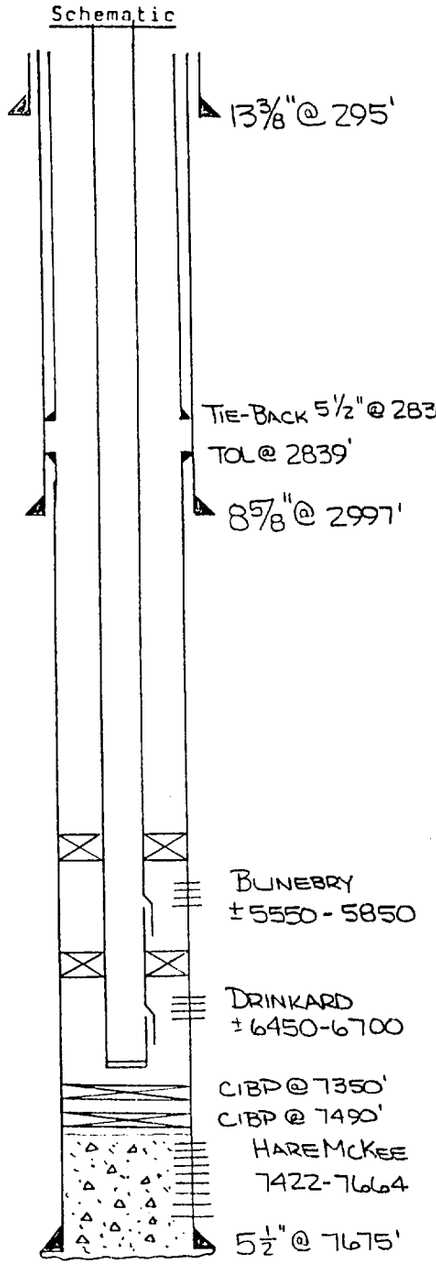
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VR1-76

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY TEXACO'S STATE S #6 - FROM GETTY)	
WELL NO.	**FOOTAGE LOCATION**	**SECTION**	**TOWNSHIP** / **RANGE**
605W	760'FNL & 1980'FWL		15-21S-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 300 sx.

TOC SURF feet determined by CIRC

Hole size N/A

Intermediate Casing

Size 8⅝" Cemented with 2000 sx.

TOC SURF feet determined by CIRC

Hole size N/A

Long string

Size 5½ LINER" Cemented with 350 sx.

TOC 3840 feet determined by N/A

*5½" TIE BACK LINER - SURF TO 2830', CIRC'D W/ 550SX

Total depth 7675'

Injection interval

±5550 feet to ±6700 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6400 feet, WITH A TENSION PKR AT ±5500'.
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

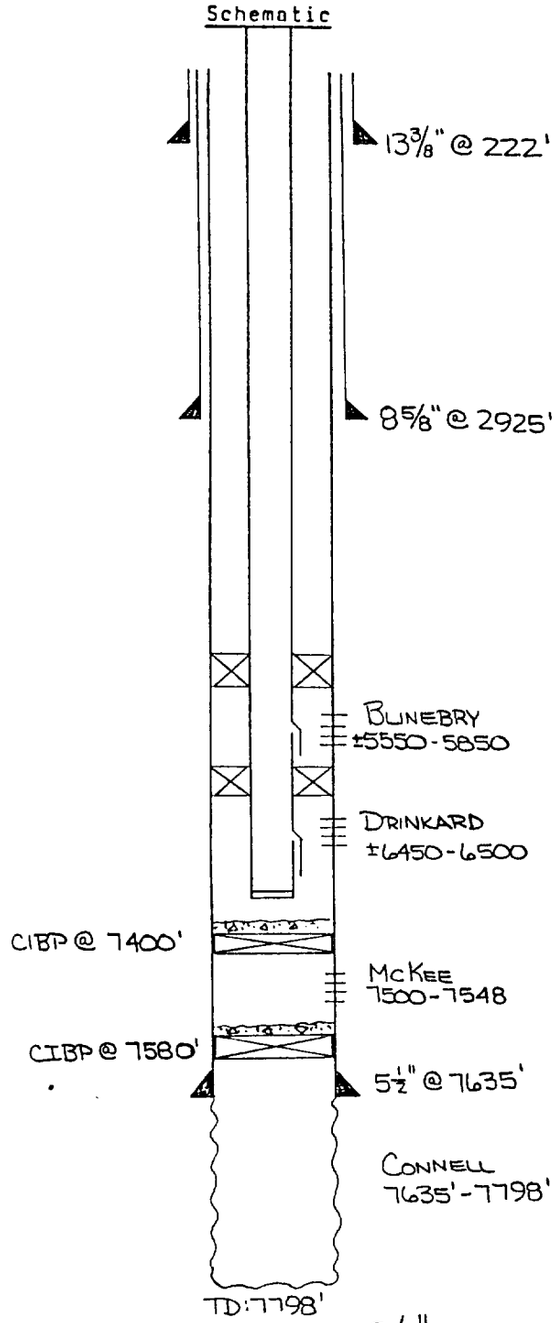
   If no, for what purpose was the well originally drilled? HAREMCKEE PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) HAREMCKEE (7422-7664) SQZ'D W/ 19SX, CIBP'S SET @ 7490' AND 7350'
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VRJ 7/97

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's STATE SECTION 15 #3)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP / RANGE
610W	2210' FNL & 2310' FEL		15-21S-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 250 sx.

TOC SURF feet determined by CIRC.

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 2000 sx.

TOC SURF feet determined by CIRC.

Hole size 11"

Long string

Size 5½" Cemented with 695 sx.

TOC 5050' feet determined by CALC. w/ 50% LOSSES

Hole size 7⅞"

Total depth 7798' (CSG TO 7635')

Injection interval

±5550 feet to ±6500 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDE POCKET MANDREL OPPOSITE BOTH ZONES.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6400 feet, w/ A TENSION PKR AT ±5500'.

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

   If no, for what purpose was the well originally drilled? CONNELL PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

   CONNELL (7635-7798) ISOLATED w/ CIBP @ 7600'.

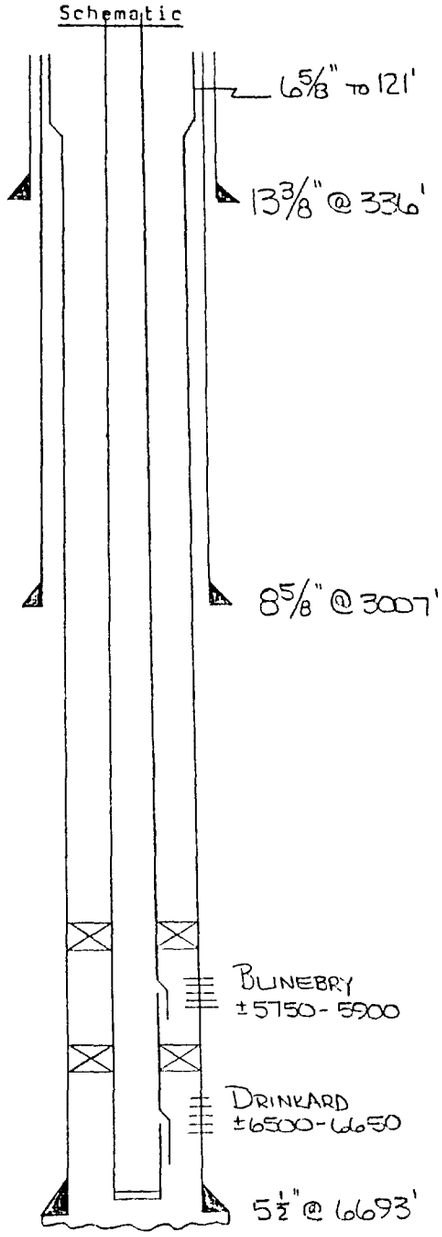
   McKEE (7500-7548) ISOLATED w/ CIBP @ 7400'.
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VRJ

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY TEXACO'S STATE S # 8 - FROM GETTY)		
WELL NO.	**FOOTAGE LOCATION**	**SECTION**	**TOWNSHIP** / **RANGE**
612W	660' FNL & 660' FEL	15	21S - 37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 325 sx.

TOC SURF feet determined by CIRC.

Hole size 17½"

Intermediate Casing

Size 8⅝" Cemented with 935 sx.

TOC 100' feet determined by TEMP SVY

Hole size 12¼"

Long string

Size 6⅝"/5½" Cemented with 1180 sx.

TOC SURF feet determined by CIRC

Hole size 7⅞"

Total depth 6693'

Injection interval

±5750 feet to ±6650 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6450 feet, (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5700'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

If no, for what purpose was the well originally drilled? BLINEBRY/DRINKARD PRODUCER

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) — NO —

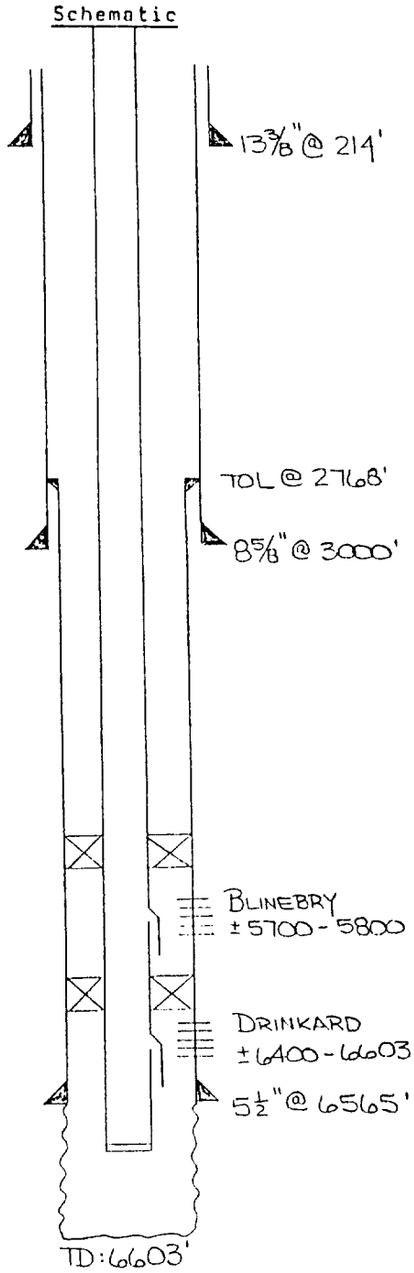
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VTJ-71

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's ANDREWS #1)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP / RANGE
615W	1980' FNL & 1980' FWL	14	21S - 37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 250 sx.

TOC SURF. feet determined by CIRC.

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 1500 sx.

TOC SURF feet determined by CIRC.

Hole size 11"

Long string

Size 5½" LINER Cemented with 500 sx.

TOC TOL (2768') feet determined by CIRC.

Hole size 7⅞"

Total depth 6603' (LINER TO 6565')

Injection interval

±5700 feet to 6603 feet
(perforated or open-hole, indicate which)

PERF'D: ±5700'-6550'

OPEN HOLE: 6565'-6603'

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE BOTH ZONES.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6350 feet,
(or describe any other casing-tubing seal). W/ TENSION PKR AT ± 5650'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

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

If no, for what purpose was the well originally drilled? BLINEBRY/DRINKARD OIL PRODUCER

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

—NO—

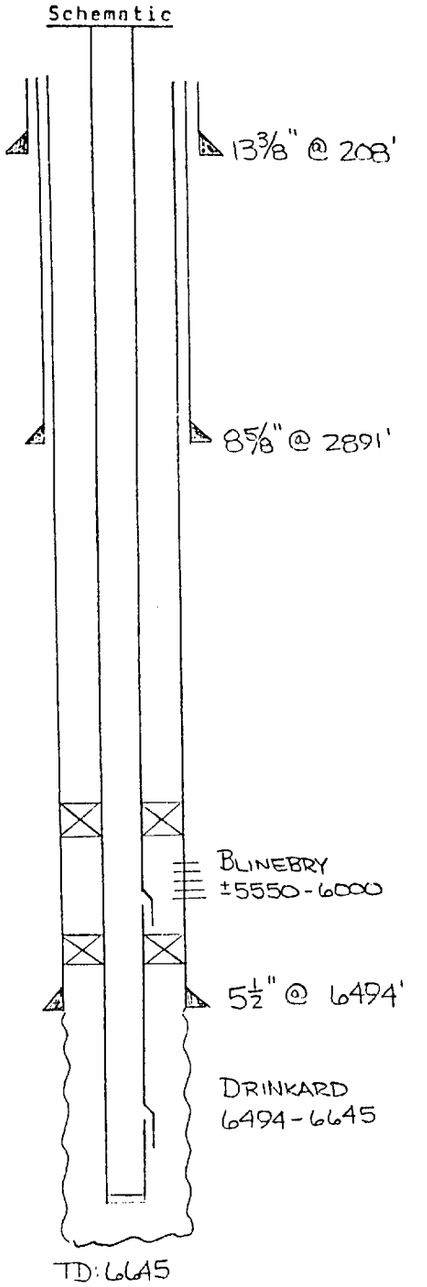
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V-11 6/87

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's ARCO #3)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP RANGE
703W	1980' FSL & 1980' FWL	15	21S-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 250 sx.

TOC SURF feet determined by CIRC

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 1500 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Long string

Size 5½" Cemented with 600 sx.

TOC 3800' feet determined by FREE POINT

Hole size 7⅞"

Total depth 6645' (CSG TO 6494')

Injection interval

±5550 feet to 6645 feet
(perforated or open-hole, indicate which)

PERF'D ±5550'-±6000'
OPEN HOLE 6494'-6645'

* DOWNHOLE FLOW REGULATOR IN SIDE POCKET MANDREL OPPOSITE EACH ZONE.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6450' feet,
(or describe any other casing-tubing seal). W/ A TENSION PKR AT ±5500'

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

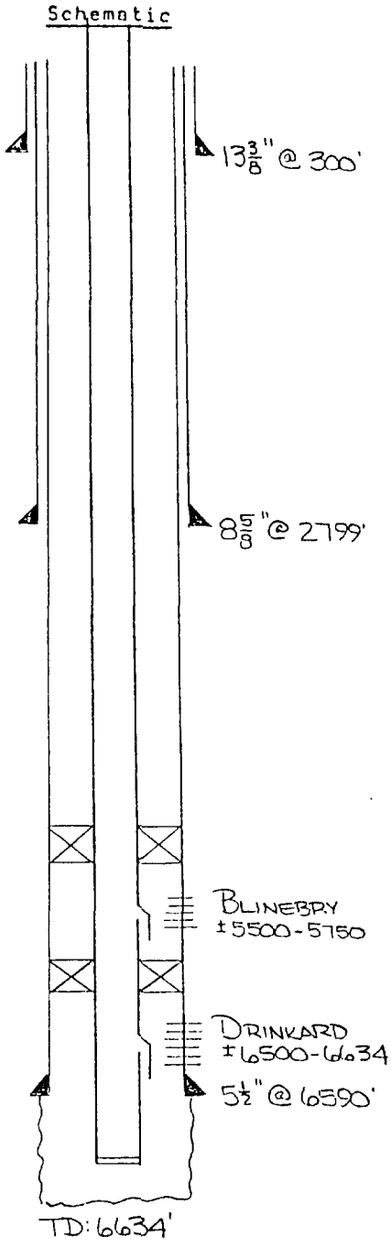
   If no, for what purpose was the well originally drilled? BLINEBRY/DRINKARD OIL PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VII.

PROPOSED WELL DATA SHEET

OPERATOR	LEASE	(FORMERLY: MARATHON ET.AL L.G. WARLICK #2)
SWEPI	NORTHEAST DRINKARD UNIT	
WELL NO.	FOOTAGE LOCATION	SECTION — TOWNSHIP — RANGE
708W	1600' FSL & 1980' FEL	15-21S-37E

Schematic



Tabular Data

Surface Casing

Size 13 3/8" Cemented with 250 sx.

TOC SURF feet determined by CIRC

Hole size 17"

Intermediate Casing

Size 8 5/8" Cemented with 1200 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Long string

Size 5 1/2" Cemented with 750 sx.

TOC ±3750 feet determined by CALC. USING 50% LOSSES

Hole size 7 7/8"

Total depth 6634' (CSG TO 6590')

Injection interval

±5500 feet to 6634 feet
(perforated or open-hole, indicate which)

PERF'D TO 6590',
OPEN HOLE 6590' TO 6634'.

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6450 feet,

(or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5450'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

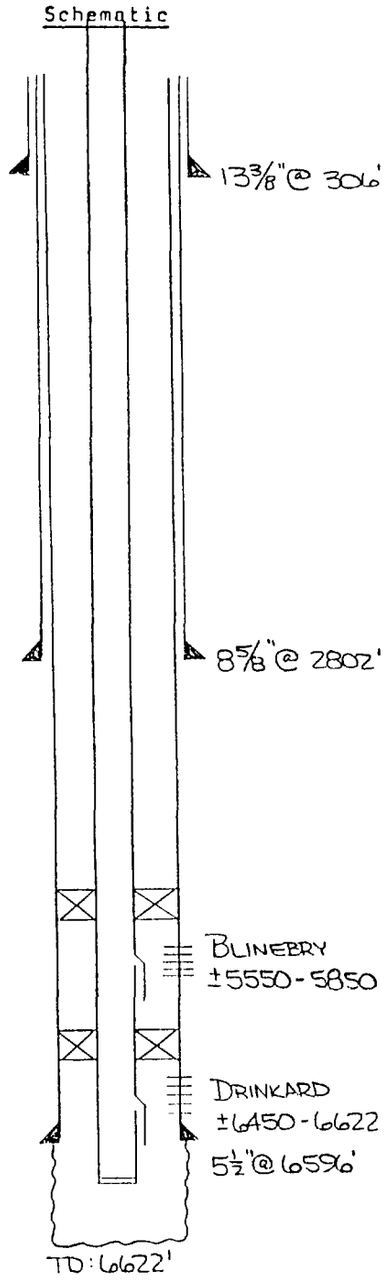
   If no, for what purpose was the well originally drilled? DRINKARD PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VPL

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
SWEPT	NORTHEAST DRINKARD UNIT (FORMERLY MARATHON ET.AL. L.G. WARLICK # 4)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
709W	1980' FSL & 660' FEL		15 - 21S - 37E	

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 300 sx.

TOC SURF feet determined by CIRC.

Hole size N/A

Intermediate Casing

Size 8⅝" Cemented with 1500 sx.

TOC SURF feet determined by CIRC

Hole size N/A

Long string

Size 5½" Cemented with 750 sx.

TOC 1250 feet determined by N/A

Hole size N/A

Total depth 6622' (CSG TO 6596)

Injection interval

±5550 feet to ±6620 feet
(perforated or open-hole, indicate which)

PERF'D TO 6596,
OPEN HOLE 6596-6622.

* DOWNHOLE FLOW REGULATOR IN SIDE-POCKET MANDREL OPPOSITE EACH INTERVAL

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6400 feet, (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5500'.

Other Data

1. Name of the injection formation BLINEBRY / DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) ±NO

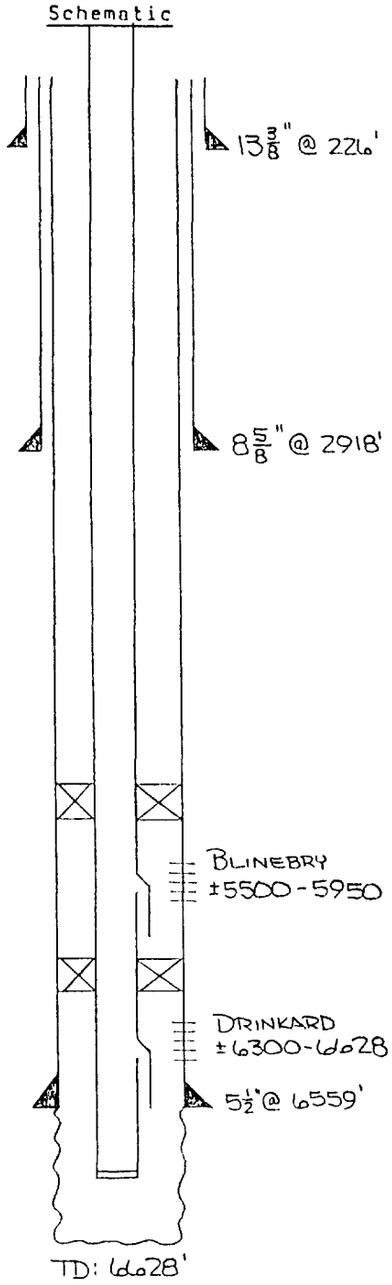
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VI-1

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY SWEPI's ARGO "A" #3)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
803W	660'FNL & 1980'FWL	22	21S	37E

Schematic



Tabular Data

Surface Casing

Size 13 3/8" Cemented with 200 sx.

TOC SURF feet determined by CIRC

Hole size 17 1/4"

Intermediate Casing

Size 8 5/8" Cemented with 1500 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Long string

Size 5 1/2" Cemented with 700 sx.

TOC 2800 feet determined by FREE POINT

Hole size 7 7/8"

Total depth 6628' (CSG TO 6559')

Injection interval

±5500 feet to 6628 feet
(perforated or open-hole, indicate which)

PERF'D ±5500'-6559
OPEN HOLE 6559-6628

*DOWNHOLE FLOW REGULATOR IN SIDE POCKET MANDREL OPPOSITE BOTH ZONES.

Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6350 feet,

(or describe any other casing-tubing seal). W/ TENSION SET PKR AT ± 5450'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) -NO-

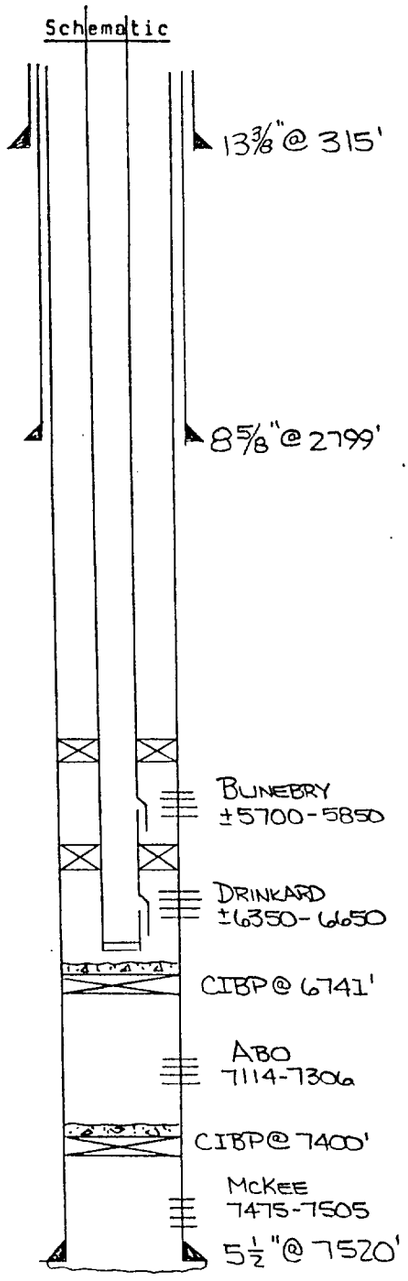
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VJ

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY CHEVRON ET. AL. O.R. EUBANK #8 - FROM GULF)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP RANGE
807W	1750' FNL & 2310' FEL		22-21S-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 360 sx.

TOC SURF feet determined by CIRC

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 1651 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Long string

Size 5½" Cemented with 580 sx.

TOC 4424' feet determined by TEMP SVY

Hole size 7⅞"

Total depth 7520'

Injection interval

±5700 feet to ±6650 feet (PERF'D)
(perforated or open-hole, indicate which)

*DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6300 feet, (or describe any other casing-tubing seal). WITH A TENSION PKR AT ± 5650'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

   If no, for what purpose was the well originally drilled? HARE McKEE PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

   HARE McKEE (7475-7505), CIBP SET @ 7400' & CMT CAPPED IN 1/58.

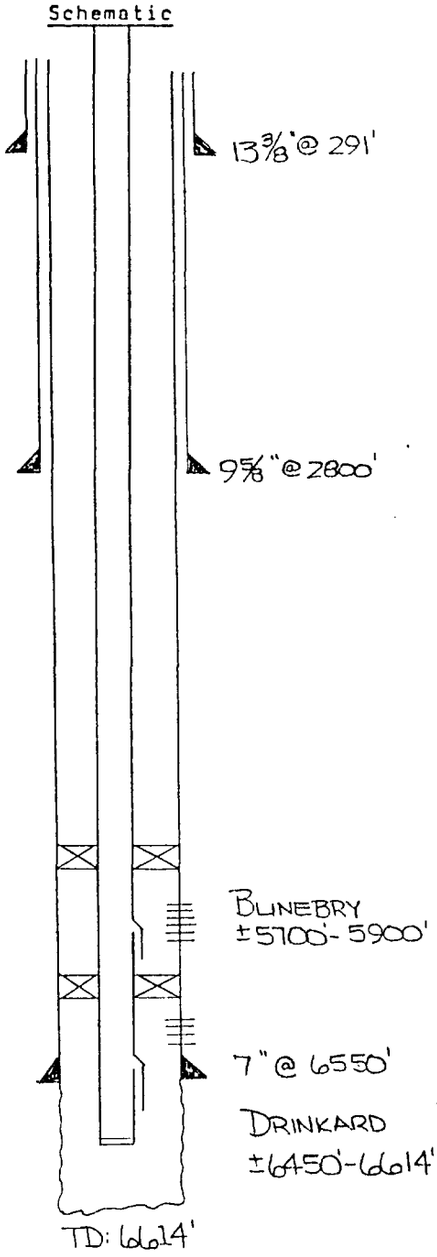
   ABO (7114-7306), CIBP SET @ 6741' & CMT CAPPED IN 3/63.
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VA1 7-87

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY CHEVRON ET AL O.R. EUBANK # 2- FROM GULF)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
808N	660' FNL & 660' FEL	22	21S	37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 300 sx.

TOC SURF feet determined by CIRC

Hole size 17¼"

Intermediate Casing

Size 9⅝" Cemented with 1300 sx.

TOC 1500 feet determined by TEMP SVY

Hole size 12¼"

Long string

Size 7" Cemented with 700 sx.

TOC 2720 feet determined by TEMP SVY

Hole size 8¾"

Total depth 6614 (CSG TO 6550)

Injection interval

±5700 feet to 6614 feet
(perforated or open-hole, indicate which)

PERF'D TO 6550',
OPEN HOLE: 6550 TO 6614.

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ± 6400 feet (or describe any other casing-tubing seal). WITH A TENSION PKR AT ± 5650'.

Other Data

1. Name of the injection formation BLINEBRY? / DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

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

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

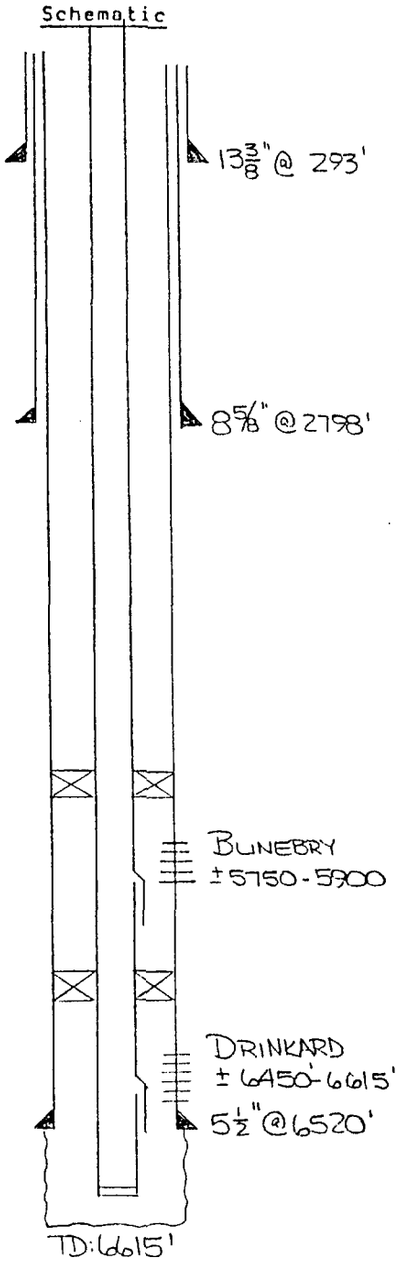
V31-10

INJECTION WELL DATA SHEET

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY TEXACO'S D.A. WILLIAMSON #2- FROM GETTY)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
811W	1980' FNL & 660' FWL		23-21S	37E

Schematic



Tabular Data

Surface Casing

Size 13 3/8" Cemented with 300 sx.

TOC SURF. feet determined by CALCULATED

Hole size N/A ASSUMING 17 1/4" HOLE W/ 50% LOSSES.

Intermediate Casing

Size 8 5/8" Cemented with 1200 sx.

TOC SURF feet determined by CALCULATED

Hole size N/A ASSUMING 11" HOLE W/ 50% LOSSES

Long string

Size 5 1/2" Cemented with 400 sx.

TOC 5000 feet determined by CALCULATED

Hole size N/A ASSUMING 7 7/8" HOLE W/ 50% LOSSES

Total depth 6615' (CSG TO 6520')

Injection interval

±5750 feet to 6615 feet
(perforated or open-hole, indicate which)

PERF'D TO 6520',
OPEN HOLE 6520'-6615'.

*DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH INTERVAL.

Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6400 feet,
(or describe any other casing-tubing seal). WITH A TENSION PKR AT ± 5700'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No
   If no, for what purpose was the well originally drilled? DRINKARD/TUBB PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) — NO —
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

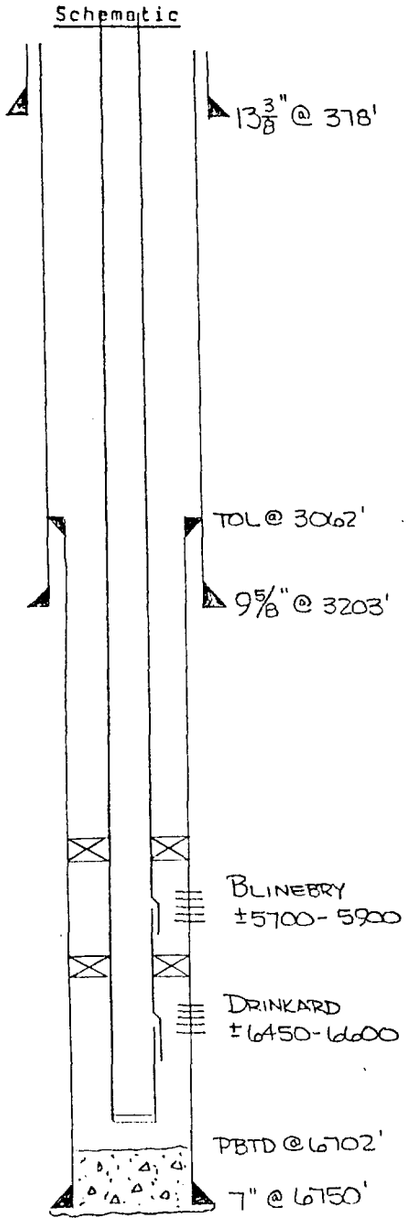
VJ 7/07

INJECTION WELL DATA SHEET

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY ARCO'S ROY BARTON #4)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
815W	1750' FNL & 1980' FEL	23	21S	37E

Schematic



Tabular Data

Surface Casing

Size 13 3/8" Cemented with 400 sx.

TOC SURF. feet determined by CIRC.

Hole size 17 1/2"

Intermediate Casing

Size 9 5/8" Cemented with 1160 sx.

TOC SURF feet determined by CIRC.

Hole size 12 1/4"

Long string

Size 7" LINER Cemented with 888 sx.

TOC TOL (3062') feet determined by CIRC.

Hole size 8 5/8"

Total depth 6750'

Injection interval

±5700 feet to ±6600 feet (PERF'D)
(perforated or open-hole, indicate which)

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH ZONE.

Tubing size 2 3/8" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6400 feet, (or describe any other casing-tubing seal). WITH A TENSION PKR AT ±5650'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

If no, for what purpose was the well originally drilled? BLINEBRY/DRINKARD PRODUCER.

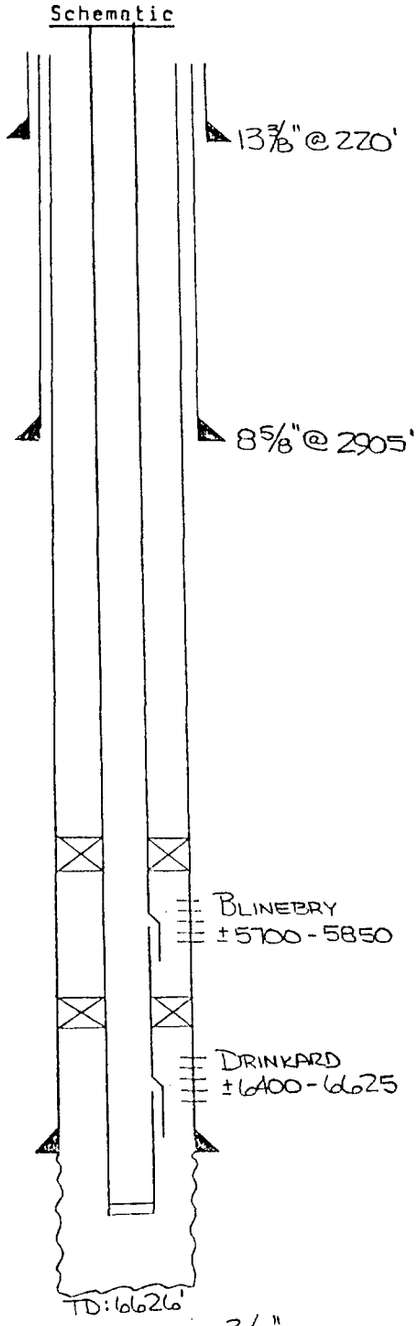
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V31

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's TURNER #12)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP RANGE
904W	2065' FSL & 1700' FWL		22-21S-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 300 sx.

TOC SURF feet determined by CIRC.

Hole size 17¼"

Intermediate Casing

Size 8⅝" Cemented with 2000 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Long string

Size 5½" Cemented with 500 sx.

TOC 4400' feet determined by FREE POINT

Hole size 7⅞"

Total depth 6626' (CSG TO 6480')

Injection interval

±5700 feet to 6625 feet
(perforated or open-hole, indicate which)

PERF'D ±5700' - 6480'
OPEN HOLE ± 6480' - 6625'

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE BOTH ZONES.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6350 feet,
(or describe any other casing-tubing seal). W/ A TENSION PKR AT ± 5650'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD

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

3. Is this a new well drilled for injection? ☐ Yes ☒ No

If no, for what purpose was the well originally drilled? BLINEBRY/DRINKARD PRODUCER

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—

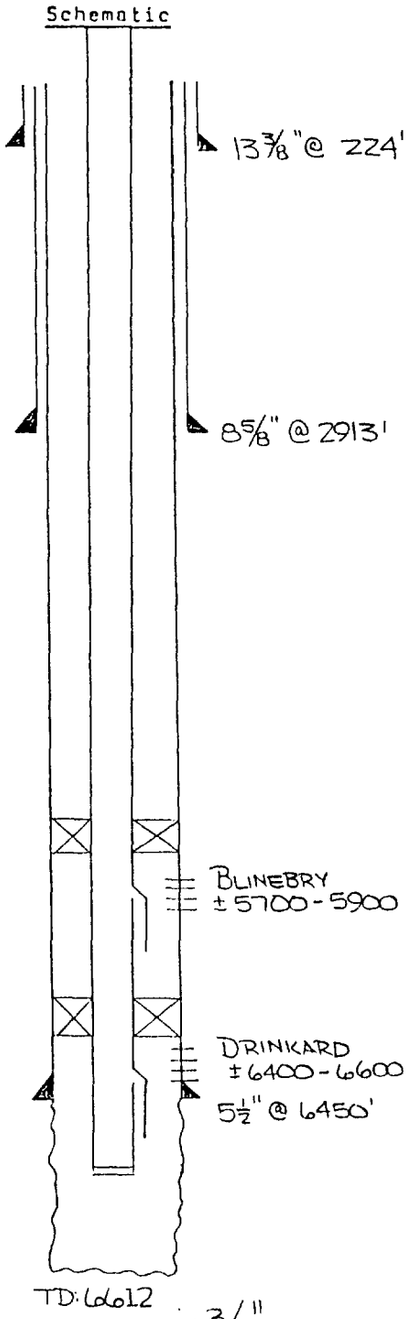
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VRJ

INJECTION WELL DATA SHEET

OPERATOR	LEASE		
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY SWEPI's TURNER #5)		
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP RANGE
909W	1980' FSL & 660' FEL		22-21S-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" " Cemented with 300 sx.

TOC SURF feet determined by CIRC

Hole size 17¼"

Intermediate Casing

Size 8⅝" " Cemented with 1955 sx.

TOC SURF feet determined by CIRC

Hole size 11"

Long string

Size 5½" " Cemented with 500 sx.

TOC 4545' feet determined by CALC. W/ 50% LOSSES

Hole size 7⅞"

Total depth 6612' (CSG TO 6450)

Injection interval

±5700 feet to ±6590 feet
(perforated or open-hole, indicate which)

PERF'D ±5700-6450
OPEN HOLE 6450-6590

* DOWNHOLE FLOW REGULATOR IN SIDEPOCKET MADREL OPPOSITE BOTH ZONES.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6350 feet,
(or describe any other casing-tubing seal). W/ TENSION SET PKR AT ±5650'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

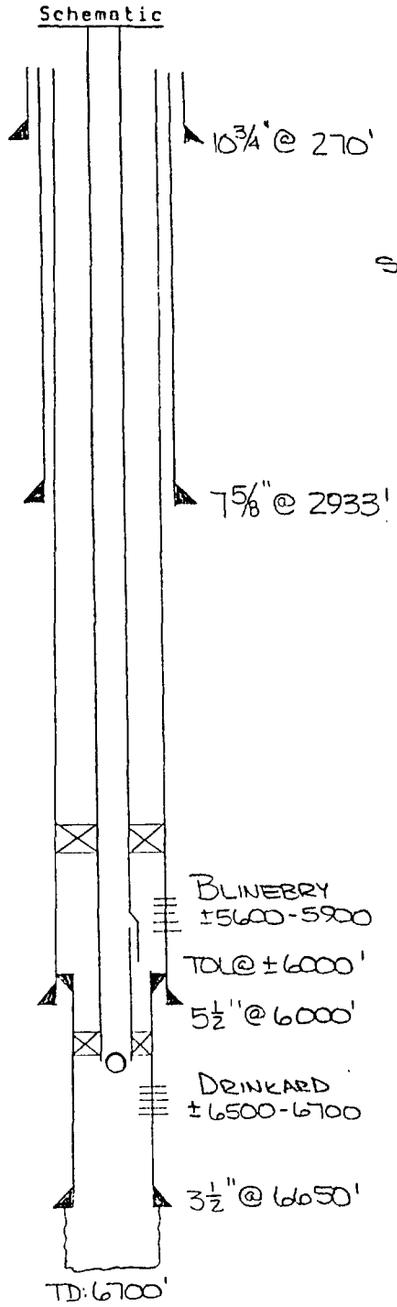
   If no, for what purpose was the well originally drilled?
   DUAL BLINEBRY/DRINKARD OIL PROD AND TUBB GAS PROD
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)
   TUBB (6024-6339) WILL BE SQZ'D W/ ± 100SX.
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

VB1.

INJECTION WELL DATA SHEET

OPERATOR	LEASE			
SWEPI	NORTHEAST DRINKARD UNIT (FORMERLY ARCO's S.J. SARKEYS #1)			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
915W	1980' FSL & 1980' FEL		23-21S	37E

Schematic



Tabular Data

Surface Casing

Size 10¾" Cemented with 200 sx.

TOC SURF feet determined by CIRC

Hole size 12½"

SHORT Intermediate Casing

Size 7⅝" Cemented with 1200 sx.

TOC 1620 feet determined by TEMP SVY

Hole size 9½"

INTERMEDIATE Long string

Size 5½" Cemented with 250 sx.

TOC 3820 feet determined by TEMP SVY

Hole size 6¾"

LONG STRING

SIZE 3½" LINER CEMENTED WITH 150 SX

TOC TOL@ ±6000' FEET DETERMINED BY CIRC

HOLE SIZE 4¾"

TOTAL DEPTH 6700 (LINER TO 6650')

INJECTION INTERVAL

±5600 FEET TO ±6700 FEET (PERF'D TO 6650', OPEN HOLE 6650-6700')

* DOWNHOLE FLOW REGULATORS IN SIDEPOCKET MANDREL OPPOSITE BLINEBRY AND AT THE END OF THE TUBING STRING OPPOSITE DRINKARD.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a 3½" BAKER LOK-SET (OR EQUIVALENT) (brand and model) packer at ±6450 feet, (or describe any other casing-tubing seal). W/ A 5½" TENSION PKR AT ± 5550'.

Other Data

1. Name of the injection formation BLINEBRY/DRINKARD
2. Name of Field or Pool (if applicable) DRINKARD
3. Is this a new well drilled for injection? ☐ Yes ☒ No

   If no, for what purpose was the well originally drilled? BLINEBRY PRODUCER
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) —NO—
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V31 7/97