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P.O. BOX 2208
SANTA FE, NEW MEXICO 87504-2208
110 NORTH GUADALUPE, SUITE 1
SANTA FE, NEW MEXICO 87501-6525

TELEPHONE (505) 988-4421
FACSIMILE (505) 983-6043

William F. Carr

wcarr@hollandhart.com

March 4, 2003

HAND-DELIVERED

Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

RECEIVED

MAR . 4 2003

Oil Conservation Division

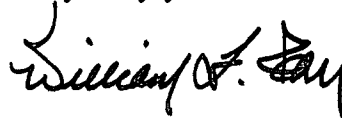
Case 13040

Re: Application of David H. Arrington Oil & Gas, Inc. for Approval of a Waterflood Project for its East Hobbs-Blinbry Pool Cooperative Waterflood Area and Qualification of said Project for the Recovered Oil Tax Rate Pursuant to the Enhanced Oil Recovery Act, Lea County, New Mexico.

Dear Ms. Wrotenbery:

Enclosed in triplicate is an Application of David H. Arrington Oil & Gas, Inc. in the above-referenced case as well as a copy of a legal advertisement. David H. Arrington Oil & Gas, Inc. respectfully requests that this matter be placed on the docket for the March 27, 2003, examiner hearings.

Very truly yours,



William F. Carr

Enclosures

cc: Mr. Danny Ledford
Post Office Box 2071
Midland, TX 79702

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE APPLICATION
OF DAVID H. ARRINGTON OIL & GAS, INC.
FOR APPROVAL OF A WATERFLOOD
PROJECT FOR ITS EAST HOBBS-
BLINEBRY POOL COOPERATIVE
WATERFLOOD AREA AND QUALIFICATION
OF SAID PROJECT FOR THE RECOVERED
OIL TAX RATE PURSUANT TO THE
ENHANCED OIL RECOVERY ACT,
LEA COUNTY, NEW MEXICO.**

RECEIVED
MAR . 4 2003
Oil Conservation Division

CASE NO. 13040

APPLICATION

DAVID H. ARRINGTON OIL & GAS, INC. ("Arrington") through its attorneys, Holland & Hart, LLP, hereby makes application for an order approving a secondary recovery project for the injection of water into the Blinebry formation in its East Hobbs-Blinebry Pool Cooperative Waterflood Area, East Hobbs-Blinebry Pool, and the qualification of this project for the Recovered Oil Tax Rate pursuant to the provisions of the New Mexico Enhanced Oil Recovery Act, and in support thereof states:

1. Arrington seeks approval of the East Hobbs-Blinebry Pool Cooperative Waterflood Project and authorization to implement secondary recovery operations in this area by the injection of water into the Blinebry formation, East Hobbs-Blinebry Pool. A copy of Arrington's Application for Authorization to Inject (Division Form C-108) through one injection well in the

cooperative waterflood project area is attached hereto as Exhibit A.

2. The boundaries of the proposed waterflood project area coincide with the boundaries of the leases which comprise this cooperative waterflood project area and include the following acreage in Lea County, New Mexico:

TOWNSHIP 18 SOUTH, RANGE 39 EAST, NMPM

Irregular Section 29: Lots 1, 2, 3 and 4 (E/2
equivalent), SW/4

3. Applicant requests that the Division establish a procedure for the administrative approval of additional injection wells within the project area without the necessity for further hearings.

4. Arrington seeks to qualify this project for the Recovered Oil Tax Rate pursuant to the Enhanced Oil Recovery Act.

5. Notice of this application has been provided to the owner of the surface of the land on which each proposed injection well is to be located and to each leasehold operator within one-half mile of each injection well location and these owners are identified on the Notice List attached to this application as Exhibit B.

6. Approval of this application will afford Arrington the opportunity to produce its just and equitable share of the remaining reserves in the East Hobbs-Blinebry Pool Cooperative Waterflood Area and will otherwise be in the best interest of the conservation, the protection of correlative rights and the prevention of waste.

WHEREFORE, David H. Arrington Oil & Gas, Inc. requests that this matter be set for hearing before a duly appointed Examiner of the Oil Conservation Division on March 27, 2003, and after notice and hearing as required by law, the Division enter its Order granting this application.

Respectfully submitted,

HOLLAND & HART LLP

By: 

WILLIAM F. CARR
Post Office Box 2208
Santa Fe, New Mexico 87504
Telephone: (505) 988-4421

ATTORNEYS FOR DAVID ARRINGTON
OIL & GAS, INC.

EXHIBIT B

SURFACE OWNERS AND ADDRESSES
DAVID H. ARRINGTON OIL & GAS, INC.
EAST HOBBS-BLINEBRY COOPERATIVE WATERFLOOD PROJECT
LEA COUNTY, NEW MEXICO

SURFACE OWNERS

Roberson Farms, LLC
3305 N. Grimes
Hobbs, New Mexico 88240

EnerQuest Oil & Gas. LLC
303 West Wall Street, Suite 1400
Post Office Box 11190
Midland, Texas 79702

OFFSET OPERATORS

Texland Petroleum, Inc,
777 Main Street, Suite 3200
Ft. Worth, Texas 76102
Attention: Bryan Lee

EnerQuest Oil & Gas LLC
303 West Wall Street, Suite 1400
Post Office Box 11190
Midland, Texas 79702
Attention: Bobby Floyd

HOLLAND & HART^{LLP}
ATTORNEYS AT LAW

DENVER • ASPEN
BOULDER • COLORADO SPRINGS
DENVER TECH CENTER
BILLINGS • BOISE
CHEYENNE • JACKSON HOLE
SALT LAKE CITY • SANTA FE
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TELEPHONE (505) 988-4421
FACSIMILE (505) 983-6043

William F. Carr

wcarr@hollandhart.com

March 4, 2003

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

**TO: ALL AFFECTED INTEREST OWNERS IN THE EAST HOBBS-BLINEBRY
COOPERATIVE WATERFLOOD AREA.**

Re: Application of David H. Arrington Oil & Gas, Inc. for Approval of a Waterflood Project for its East Hobbs-Blinebry Cooperative Waterflood Area and qualification of said project for the Recovered Oil Tax Rate pursuant to the Enhanced Oil Recovery Act, Lea County, New Mexico.

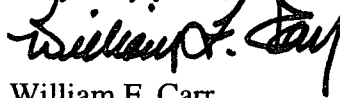
Ladies and Gentlemen:

This letter is to advise you that David H. Arrington Oil & Gas, Inc. has filed the enclosed application with the New Mexico Oil Conservation Division seeking authority to implement secondary recovery operations in its proposed East Hobbs-Blinebry Cooperative Waterflood Area. A copy of this application with attached Oil Conservation Division Form C-108 is enclosed for your information.

This application has been set for hearing before a Division Examiner on March 27, 2003, at the Oil Conservation Division hearing room, located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing but, as the owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging this matter at a later date.

Parties appearing in cases are required by Division Rule 1208.B to file a Prehearing Statement three days in advance of a scheduled hearing. This statement must include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

Very truly yours,



William F. Carr

Attorney for David H. Arrington Oil & Gas, Inc.

cc: Danny Ledford

CASE 13040:

Application of David H. Arrington Oil & Gas, Inc. for Approval of a Waterflood Project for its East Hobbs-Blinbry Pool Cooperative Waterflood Area and Qualification of said Project for the Recovered Oil Tax Rate Pursuant to the Enhanced Oil Recovery Act, Lea County, New Mexico. Applicant in the above-styled cause, seeks approval of its East Hobbs-Blinbry Pool Cooperative Waterflood Area for injection of water into the Blinbry formation, East Hobbs- Blinbry Pool through one injection well located in the following described area:

TOWNSHIP 18 SOUTH, RANGE 39 EAST, NMPM

Irregular Section 29: Lots 1, 2, 3 and 4 (E/2 equivalent), SW/4

The applicant requests that the Division establish procedures for the administrative approval of additional injection wells within the project area without the necessity of further hearings and the adoption of such other provisions as are necessary for said waterflood operations. Applicant further seeks to qualify the project area for the Recovered Oil Tax Rate pursuant to the "New Mexico Enhanced Oil Recovery Act" (Laws 1992, Chapter 38, Sections 1 through 5). Said unit is located on the New Mexico-Texas State line approximately 2 miles east of Hobbs, New Mexico.

DAVID H. ARRINGTON OIL & GAS, INC.

P.O. BOX 2071 , MIDLAND, TEXAS 79702
OFF (915) 682-6685
FAX (915) 682-4139

February 26, 2003

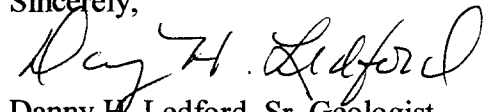
New Mexico Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Dear Sirs,

Enclosed is David H. Arrington Oil & Gas Inc.'s **APPLICATION FOR AUTHORIZATION TO INJECT (C-108)** for the Davis #5 WIW, located in Section 29 of T18S-R39E Lea County, New Mexico. All parties involved, be it surface owners or operators, are aware of the nature of this project and in agreement with the conditions implied by a cooperative waterflood. Official notification in the form of the completed C-108 is being sent by certified mail to the necessary parties coincidental with this application. Proof of notification will be forwarded to the OCD as soon as same is received by David H. Arrington Oil & Gas, Inc. via return mail. The public notification is scheduled to appear in the Hobbs News-Star on February 28, 2003.

If you have any questions concerning this application please do not hesitate to contact me.

Sincerely,



Danny H. Ledford, Sr. Geologist

David H Arrington Oil & Gas, Inc.
214 W. Texas, Suite 400
Midland, TX 79701

(915) 682-6685 ext. 45

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ Yes ☐ No
- II. OPERATOR: David H. Arrington Oil & Gas, Inc.
ADDRESS: 214 W. Texas, Suite 400, Midland, TX, 79701
CONTACT PARTY: Danny H. Ledford PHONE: (915) 682-6685
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☐ Yes ☒ No
If yes, give the Division order number authorizing the project: _____
- 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 geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Danny H. Ledford TITLE: Senior Geologist, Operations & Development
SIGNATURE: *Danny H. Ledford* DATE: 2-25-03
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

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

INJECTION WELL DATA SHEET

OPERATOR: David H. Arrington Oil & Gas, Inc.

*Note - these are proposed operations

WELL NAME & NUMBER: #WIW- 5 DavisWELL LOCATION: 2727' FWL & 1424' FSL

FOOTAGE LOCATION

J

UNIT LETTER

29

SECTION

18S

TOWNSHIP

39E

RANGE

WELLBORE SCHEMATIC

See attached

WELL CONSTRUCTION DATASurface CasingHole Size: 11"Casing Size: 8 5/8" @ 1600'Cemented with: 750 sx.or ft³Top of Cement: surfMethod Determined: circ.Intermediate CasingHole Size: Casing Size: Cemented with: sx.or ft³Top of Cement: Method Determined: Production CasingHole Size: 7 7/8"Casing Size: 5½ @ 6600'Cemented with: 1100 sx.or ft³Top of Cement: 1500'Method Determined: calculatedTotal Depth: 6600Injection Interval6355

feet to

6422

(Perforated) or Open Hole; indicate which)

David H. Arrington #5 Davis WIW
1424' FSL & 2727' FWL, Sec. 29, T-18-S R-39-E, Ut-J
Anticipated Type Wellbore Schematic

8 5/8" - 24# csg @
1600' w/ 750 sx
Circ cmt to surface
11" Hole

8 5/8" @ 1600'

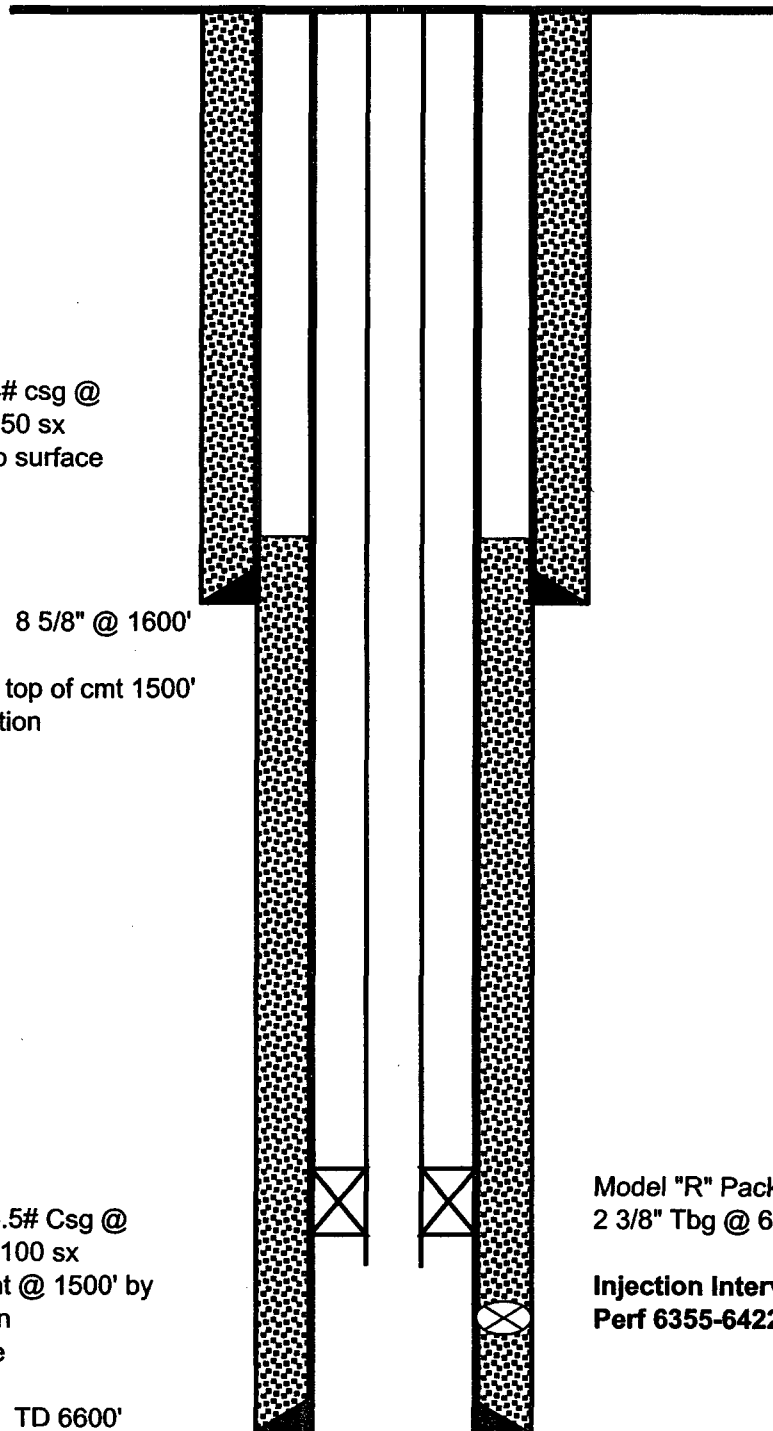
Estimated top of cmt 1500'
by calculation

5 1/2" - 15.5# Csg @
6600' w/ 1100 sx
Top of Cmt @ 1500' by
Calculation
7 7/8" hole

TD 6600'

Model "R" Packer @ 6200'
2 3/8" Tbg @ 6200'

Injection Interval
Perf 6355-6422'



Application For Authorization To Inject, Form C-108
David H. Arrington Oil & Gas, Inc. #5 WIW Davis
Proposed Water Injector - 2727' FWL & 1424' FSL
Section 29 T-18-S R-39-E, Lea County, New Mexico

Article V

**Hobbs East Blinbry Pool
Cooperative Waterflood
DHAOG #5WIW Davis
Sec. 29-T18S-R39E**



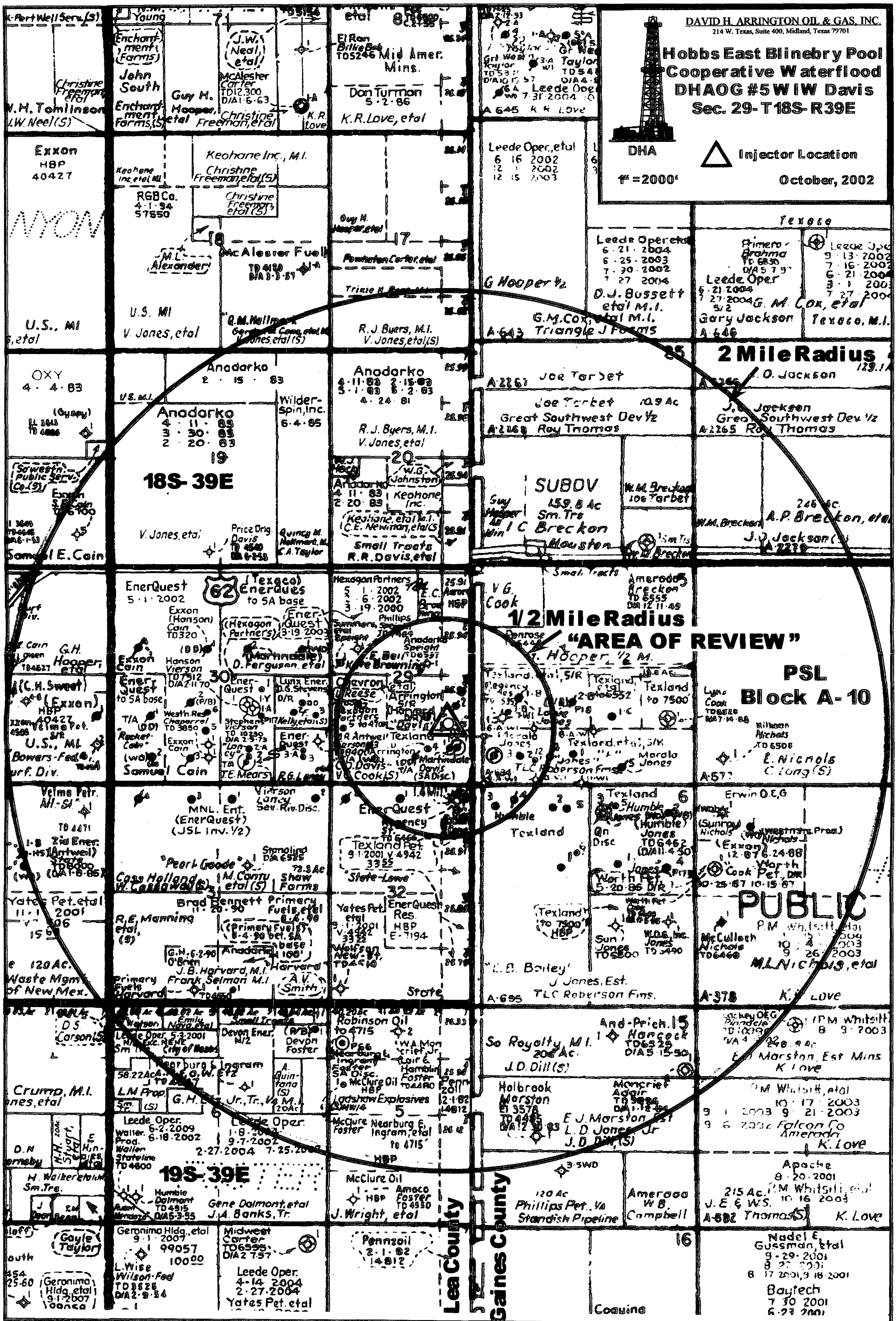
DHA



Injector Location

1" = 2000'

October, 2002



IDENTIFICATION OF ALL WELLS AND LEASES LOCATED IN TEXAS WITHIN TWO MILE RADIUS OF PROPOSED DAVID H. ARRINGTON OIL GAS, INC.
INJECTOR - DAVIS #5 WIW

API NUMBER	OPERATOR	NUMBER	LEASE NAME	PRODUCING FORM	TYPE	SECTION	BLOCK	SURVEY
42165012000000	HUMBLE OIL	1	BAILEY		OIL	6	A-10	PSL
42165012280000	TEXLAND	2	BAILEY	BLINEBRY	OIL	6	A-10	PSL
42165012290000	TEXLAND	3	BAILEY	BLINEBRY	OIL	6	A-10	PSL
42165012300000	HUMBLE OIL	4	BAILEY		AOIL	6	A-10	PSL
42165012310000	HUMBLE OIL	5	BAILEY		OIL	6	A-10	PSL
4216535764	TEXLAND	6	BAILEY, E B		OIL	6	A-10	PSL
42165002620000	AMERADA	1-C	BRECKON		DRY	25	A-9	PSL
42165333570000	WORTH PETROLEUM	1	COOK		DRY	5	A-10	PSL
42165339530000	LYNX PET	1	COOK		DRY	5	A-10	PSL
42165343270000	MARALO, INC	5-A	EDGAR E JONES	BLINEBRY	AOIL	5	A-10	PSL
42165326420000	W A MONCRIEF	1	ET ADAIR		DRY	15	A-10	PSL
42165001290000	ANDERSON & PRICHARD	1	HANCOCK		DRY	15	A-10	PSL
42165021320000	PENROSE	1	HOOPER		DRY	5	A-10	PSL
42165004650000	TEXLAND	2-A	JONES	BLINEBRY	OIL	5	A-10	PSL
42165012080000	HUMBLE OIL	3	JONES		AGAS	5	A-10	PSL
42165012090000	HUMBLE OIL	2	JONES		OIL	5	A-10	PSL
42165012100000	HUMBLE OIL	1	JONES		OIL	5	A-10	PSL
42165335810000	REGENCY PET	1	JONES		DRY	5	A-10	PSL
42165340130000	WOG	1	JONES		DRY	5	A-10	PSL
4216535507	TEXLAND	WI-9	JONES "A"		INJ	5	A-10	PSL
4216535508	TEXLAND	WI-6	JONES "A"		INJ	5	A-10	PSL
4216533504	TEXLAND	WI-8	JONES "A"		INJ	5	A-10	PSL
4216535501	TEXLAND	WI-11	JONES "A"		INJ	5	A-10	PSL
4216535768	TEXLAND	12	JONES "A"	BLINEBRY	OIL	5	A-10	PSL
4216535765	TEXLAND	3	JONES "B"	BLINEBRY	OIL	5	A-10	PSL
42165332800000	TEXLAND	1	JONES "C"	BLINEBRY	OIL	5	A-10	PSL
42165004630000	TEXLAND	1	JONES A	BLINEBRY	OIL	5	A-10	PSL
42165004670000	W H BLACK	4	JONES A		OIL	5	A-10	PSL
42165004680000	W H BLACK	3	JONES A		AOIL	5	A-10	PSL
42165004640000	W H BLACK	1	JONES B	BLINEBRY	AOIL	5	A-10	PSL
42165004660000	W H BLACK	2	JONES B	BLINEBRY	AOIL	5	A-10	PSL
42165354860000	TEXLAND-RECTOR	WI-10	JONES EDGAR E		INJ	5	A-10	PSL
42165354870000	TEXLAND-RECTOR	WI-7	JONES EDGAR E		INJ	5	A-10	PSL
42165328190000	SUN EXPL	1	JONES JOHN S		DRY	5	A-10	PSL
42165328350000	EXXON	4	JONES JOHN S		OIL	5	A-10	PSL
4216535766	TEXLAND	5	JONES, JS	BLINEBRY	OIL	5	A-10	PSL
42165015280000	MCCULLOCH OIL	1	NICHOLS		DRY	7	A-10	PSL
42165018990000	LAIR ARCH	1	NICHOLS	BLINEBRY PENROSE	GAS	7	A-10	PSL
42165019210000	MILHOAN HC	1	NICHOLS		DRY	4	A-10	PSL
42165302650000	WESTERN STATES	1	NICHOLS	BLINEBRY	OIL	7	A-10	PSL

IDENTIFICATION OF ALL WELLS AND LEASES LOCATED IN NEW MEXICO WITHIN TWO MILE RADIUS OF PROPOSED DAVID H. ARRINGTON OIL GAS, INC. INJECTOR - DAVIS #5 WIW

UWI (APIum)	Sym Code	Operator	Well Number	Well & Lease Name	Field Name	Section	Township	Range	Prod Fm
30025079680000	OIL	NEARBURG & INGRAM	1	FOSTER	WC	5	19S	39E	SAN ANDRES
30025337890000	OIL	MCCLURE OIL	1	FOSTER	FOSTER	5	19S	39E	SAN ANDRES
30025079690000	DRY	NEARBURG & INGRAM	1	ETZ	WC	6	19S	39E	
30025272600000	OIL	TEXAS AMERICAN OIL	1	FOSTER RANCH	FOSTER	6	19S	39E	SAN ANDRES
30025079380000	DRY	HOWELL GRIMES (PRICE)	1	DAVIS	WC	19	18S	39E	
30025290280000	DRY	EXXON COMPANY, USA	5	S E CAIN	HOBBS E	24	18S	38E	
30025074010000	AOIL	CARPER	1	BOWERS	HOBBS E	25	18S	38E	SAN ANDRES
30025074020000	DRY	CARPER	2	BOWERS	HOBBS E	25	18S	38E	
30025074050000	DRY	HUMBLE	4	FEDERAL BOWERS B	HOBBS E	25	18S	38E	
30025074060000	DRY	R. OLSEN	1	PERSONAL ROCKETT	EAST HOBBS	25	18S	38E	
30025079420000	AOIL	AURORA	1	BROWNING	HOBBS E	29	18S	39E	SAN ANDRES
30025079460000	DRY	PHILLIPS	1	BROWNING	HOBBS E	29	18S	39E	
30025299440000	OIL	DH ARRINGTON	4	CARRIE O DAVIS	HOBBS E	29	18S	39E	BLINEBRY
30025340130000	OIL	ENERQUEST RESOURCES	5	CARRIE O DAVIS	HOBBS E	29	18S	39E	SAN ANDRES
30025079390000	OIL	D H ARRINGTON	1	DAVIS	HOBBS E	29	18S	39E	SAN ANDRES
30025079430000	OIL	GULF	1	DAVIS	HOBBS E	29	18S	39E	SAN ANDRES
30025079440000	OIL	GULF	2	DAVIS	HOBBS E	29	18S	39E	SAN ANDRES
30025079450000	OIL	GULF	3	DAVIS	HOBBS E	29	18S	39E	SAN ANDRES
DHAOG_DAVIS_5WIW	LOC	DH ARRINGTON O&G	WIW- 5	DAVIS	HOBBS E	29	18S	39E	
30025268380000	DRY	ANADARKO	1	JUNE SPEIGHT	HOBBS E	29	18S	39E	
30025079400000	OIL	DH ARRINGTON	2	RALPH DAVIS	HOBBS E	29	18S	39E	BLINEBRY
30025295420000	OIL	TEXLAND	1	REGENCY DAVIS	HOBBS E	29	18S	39E	BLINEBRY
30025079410000	OIL	TEXLAND	1	Z DAVIS	HOBBS E	29	18S	39E	SAN ANDRES
DHAOG_ZACHERY_DAVIS	LOC	DH ARRINGTON O&G	1	ZACHERY DAVIS	HOBBS E	29	18S	39E	
30025079500000	AOIL	HUMBLE	1	CAIN	HOBBS E	30	18S	39E	SAN ANDRES
30025079510000	AOIL	HUMBLE	2	CAIN	HOBBS E	30	18S	39E	SAN ANDRES
30025079520000	AOIL	HUMBLE	3	CAIN	HOBBS E	30	18S	39E	SAN ANDRES
30025079530000	AOIL	HUMBLE	4	CAIN	HOBBS E	30	18S	39E	SAN ANDRES
30025249660000	DRY	WESTERN RESERVE	1	CHAPARRAL	LEACO SEVEN RIVERS	30	18S	39E	
30025079540000	AOIL	TEXAS CO	1	FERGUSON	HOBBS E	30	18S	39E	SAN ANDRES
30025079550000	AOIL	HUMBLE	2	FERGUSON	HOBBS E	30	18S	39E	SAN ANDRES
30025079560000	OIL	VIERSON	1	LANEY	HOBBS E	30	18S	39E	SAN ANDRES
30025345130000	OIL	ENERQUEST RESOURCES	1-A	LANEY	HOBBS E	30	18S	39E	SAN ANDRES
30025079570000	AOIL	VIERSON	2	LANEY	HOBBS E	30	18S	39E	SAN ANDRES
30025346120000	OIL	ENERQUEST RESOURCES	2-A	LANEY	HOBBS E	30	18S	39E	SAN ANDRES
30025079580000	OIL	VIERSON	3	LANEY	HOBBS E	30	18S	39E	SAN ANDRES
30025349960000	OIL	ENERQUEST RESOURCES	3-A	LANEY	HOBBS E	30	18S	39E	
30025248000000	AOIL	VIERSEN & COCHRAN	4	LANEY	HOBBS E	30	18S	39E	SEVEN RIVERS
30025345780000	OIL	LYNX ENERGY	2	LANEY REESE	HOBBS E	30	18S	39E	SAN ANDRES
30025347870000	OIL	LYNX ENERGY	3	LANEY REESE	HOBBS E	30	18S	39E	
30025079470000	OIL	LYNX ENERGY	1	REESE LANEY	HOBBS E	30	18S	39E	SAN ANDRES
30025345790000	P&A	FOSSIL FUELS	3	REESE LANEY		30	18S	39E	
30025079480000	OIL	AURORA	1	ROCKET CAIN	HOBBS E	30	18S	39E	SAN ANDRES
30025079490000	OIL	AURORA	2	ROCKET CAIN	HOBBS E	30	18S	39E	SAN ANDRES
30025340120000	OIL	ENERQUEST RESOURCES	5	SAMUEL CAIN	HOBBS E	30	18S	39E	SAN ANDRES
30025346100000	OIL	ENERQUEST RESOURCES	6	SAMUEL CAIN	HOBBS E	30	18S	39E	SAN ANDRES
30025234200000	DRY	HANSON OIL COMPANY	1	VIERSEN	WC	30	18S	39E	
30025243380000	DRY	DONALD G STEVENS	1-Y	VIERSEN	WC	30	18S	39E	
30025290570000	DRY	ANTWEIL OIL	1	VIERSON	WILDCAT	30	18S	39E	
30025079600000	OIL	VELMA	1	GOODE	HOBBS E	31	18S	39E	SAN ANDRES
30025079610000	OIL	VELMA	2	GOODE	HOBBS E	31	18S	39E	SAN ANDRES
30025079620000	AOIL	VELMA	3	GOODE	HOBBS E	31	18S	39E	SAN ANDRES
30025079630000	AOIL	VELMA	4	GOODE	HOBBS E	31	18S	39E	SAN ANDRES

IDENTIFICATION OF ALL WELLS AND LEASES LOCATED IN NEW MEXICO WITHIN TWO MILE RADIUS OF PROPOSED DAVID H. ARRINGTON OIL GAS, INC. INJECTOR - DAVIS #5 WIW

[illegible]

Application For Authorization To Inject, Form C-108
David H. Arrington Oil & Gas, Inc. #5 WIW Davis
Proposed Water Injector - 2727' FWL & 1424' FSL
Section 29 T-18-S R-39-E, Lea County, New Mexico

Article VI

Wells in New Mexico

WELL DATA SHEET

OPERATOR: Regency Petroleum **TYPE:** D&A

WELL # & NAME: #1 State "32" **API #:** 30-025-29687

LOCATION: 350' FNL & 350' FEL **SECTION** 32 **TWP/RNG** T-18-S R-39-E

UNIT: B **FIELD:** Hobbs East Blinebry

COUNTY: Lea **STATE:** NM **DATE COMPLETED:** 3/15/87

ELEV. GL: **KB:** 3604' **TD:** 6466' Blinebry

INITIAL POTENTIAL: D&A

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1814'	900	surf	circ.	12 1/4"	24	
4 1/2"	6466'	1310	surf.	calculated	7 7/8"	9.5 & 10.5	

CASING PULLED: None Pulled

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES
5825'	5	CIBP set @ 5825'	1864'	25	
4300'	25	could not tag	surf	10	
4300'	25	could not tag			
4300'	25	tag @ 4190'			
3010'	25				

PERFORATED INTERVALS & COMPLETION HISTORY

No Cores or DST

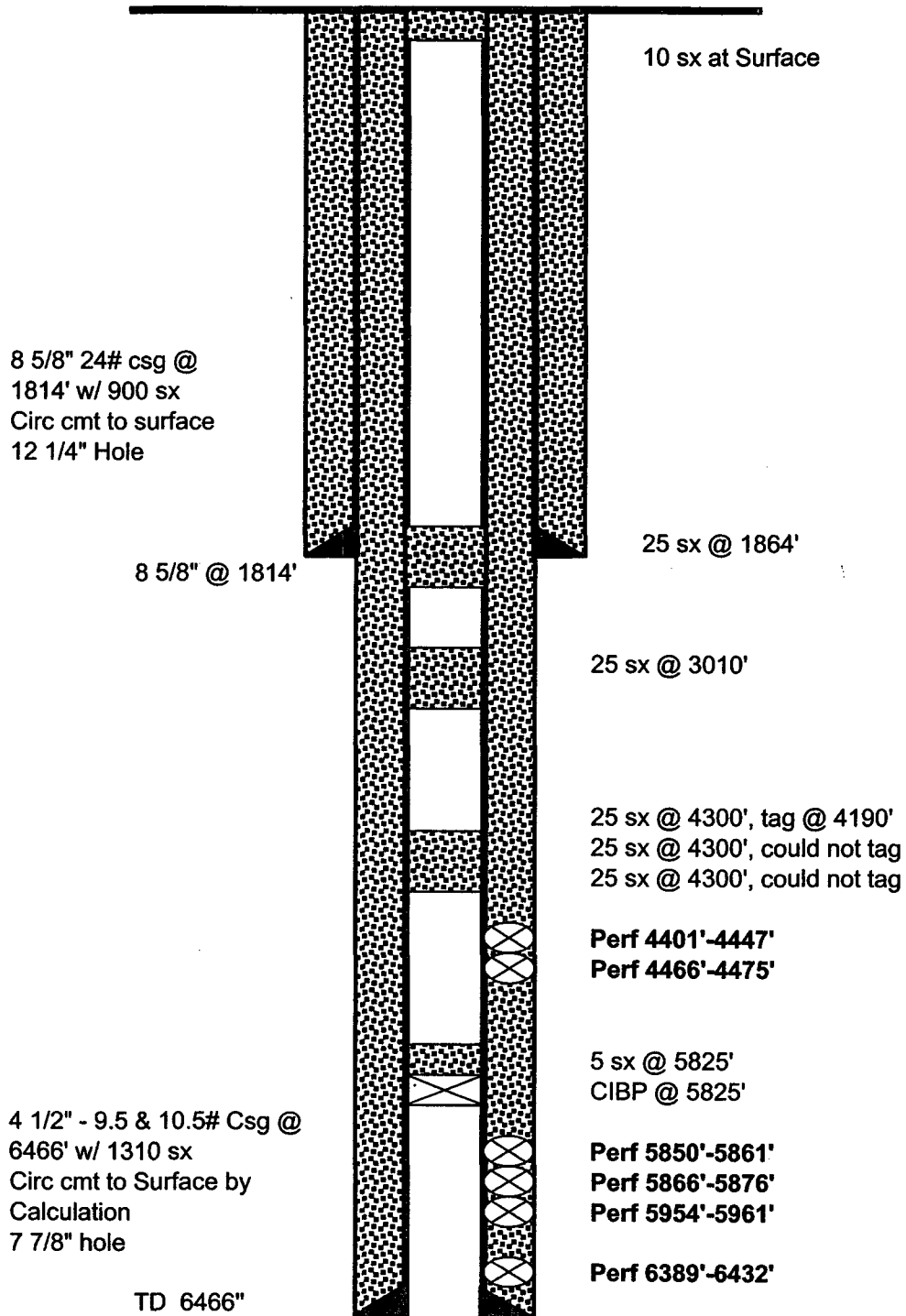
Perf 6389'-6432'	A/ 10,000 gal	P 3 BO + 8 BW/ 24 hr	Blinebry
Perf 5954'-5961'	A/200 gal	S/W/NS	Glorieta
Perf 5850'-5861'	A/1,000 gal	S/W/NS	Glorieta
Perf 5866'- 5876'	A/ 5,000 gal	P 100% wtr	Glorieta
Perf 4401'-4447'	A/2,000 gal	P 12 BW W/NS	San Andres
Perf 4466'-4475'	A/1,000 gal	P 100 BW W/VSSO	San Andres

CURRENT STATUS: D&A **DATE PLUGGED:** 3/15/1987 **DATE:** 10/1/2002

CUMMULATIVE PROD THRU:

RESERVOIR:	GAS	OIL	WATER
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Regency Petroleum #1-32 State
 350' FNL & 350' FEL, Sec. 32, T-18-S R-39-E, Ut-B
 D&A 3/15/87 - API #: 30-025-29687



WELL DATA SHEET

OPERATOR: Nolan Brunson, Jr. & E.W. Laughlin (Reentry of Skelly Oil #1-A Mexico "N") **TYPE:** Gas - P&A

WELL # & NAME: #1-32 State **API #:** 30-025-7967

LOCATION: 330' FNL & 410' FEL **SECTION** 32 **TWP/RNG** T-18-S R-39-E

UNIT: B **FIELD:** Hobbs East Blinebry

COUNTY: Lea **STATE:** NM **DATE COMPLETED:** 4/19/62

ELEV. GL: **KB:** 3600' **TD:** 6424' Blinebry, PB to 4500' Penrose Sand

INITIAL POTENTIAL: IP CAOF: 1.4 MMCFGPD 3934-3958, Penrose Sand

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1840'	625	surf	circ	11"	24	
2 7/8"	4500'	370	2834'	calculated	7 7/8"	6.5	

CASING PULLED: Set 2 7/8" CIBP @ 3800' & capped w/ 2 sx
Cut 2 7/8" csg @ 3508'

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES
3800'	2	Set 2 7/8" CIBP			
3508'	50	on 2 7/8" stub			
1800'	50	in bottom of 8 5/8"			
surf	10	top of 8 5/8"			

PERFORATED INTERVALS & COMPLETION HISTORY

Re-entry of Skelly Oil # 1-A Mexico "N", Cleaned out to 4512'
Perf 3934'-3958', Penrose Sand, A/1,000 gal, Frac w/ 265 BO + 17,000# sd

CURRENT STATUS: P&A **DATE PLUGGED:** 6/21/1974 **DATE:** 10/1/2002

CUMMULATIVE PROD THRU: 1/1/75

RESERVOIR:	GAS	OIL	WATER
Penrose Sand	337,462 MCF	0 BO	0 BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Nolan Brunson, Jr. & E. W. Laughlin (Skelly Oil Co.)
#1-32 State (#1-A Mexico "N")
330' FNL & 410' FEL, Sec. 32, T-18-S R-39-E
D&A 3/23/52 Re-entered & Comp. 4/19/62
API #: 30-025-7967

8 5/8" 24# csg @
1840' w/ 625 sx
11" Hole
Circ. To Surface

8 5/8" @ 1840'

2 7/8" - 6.5# Csg @
4500'
7 7/8" Hole
Cmt top 2834' by Calculation

2 7/8" @ 4500'

TD 6424"

10 sx @ Surface

50 sx @ 1800'

50 sx @ 3508'
Cut 2 7/8" Csg @ 3508'

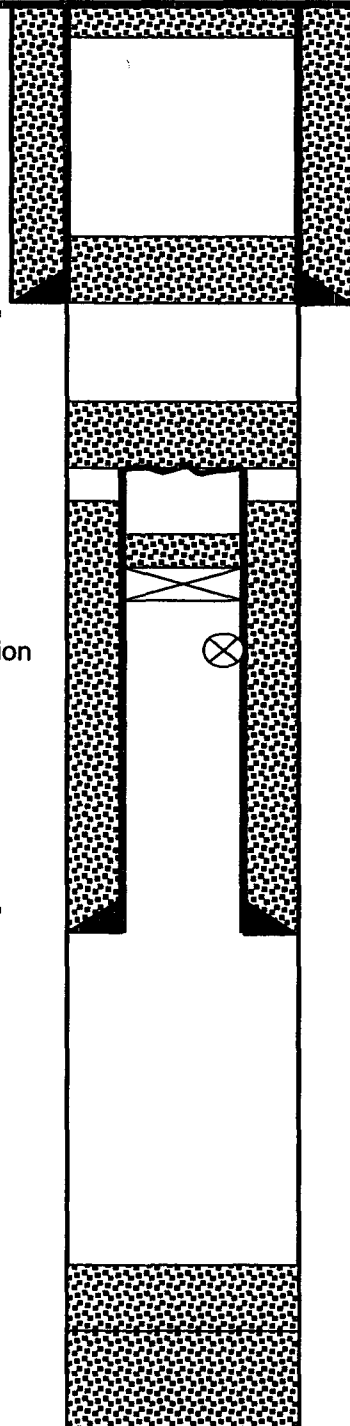
2 sx @ 3800'
CIBP @ 3800'

Perf 3934'-3958'

* Re-entry cleaned out to 4512'
100 sx @ 4500'

100 sx @ 5980'

Plug Back to 5980' w/ 150 sx



WELL DATA SHEET

OPERATOR: Skelly Oil TYPE: J&A

WELL # & NAME: #1 Mexico "N" API #: 30-025-07966

LOCATION: 330' FNL & 330' FEL SECTION 32 TWP/RNG T-18-S R-39-E

UNIT: B FIELD: Hobbs East Blinebry

COUNTY: Lea STATE: NM DATE COMPLETED: 2/17/52

ELEV. GL: 3592' KB: 3599' TD: 6232' & twisted off

INITIAL POTENTIAL: J&A

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
13 3/8"	250	275	surf	circ	18"	48	
8 5/8"	3200'	600	1200'	calculated	12 1/4"	32	

CASING PULLED: Cut 8 5/8" csg @ 1000' and pulled 1000' of csg

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES
4460'	50	Protect San Andres			
3910'	50	Protect Queen			
3200'	50	Base of 8 5/8"			
1000'	50	Top of 8 5/8"			
surface	15				

PERFORATED INTERVALS & COMPLETION HISTORY

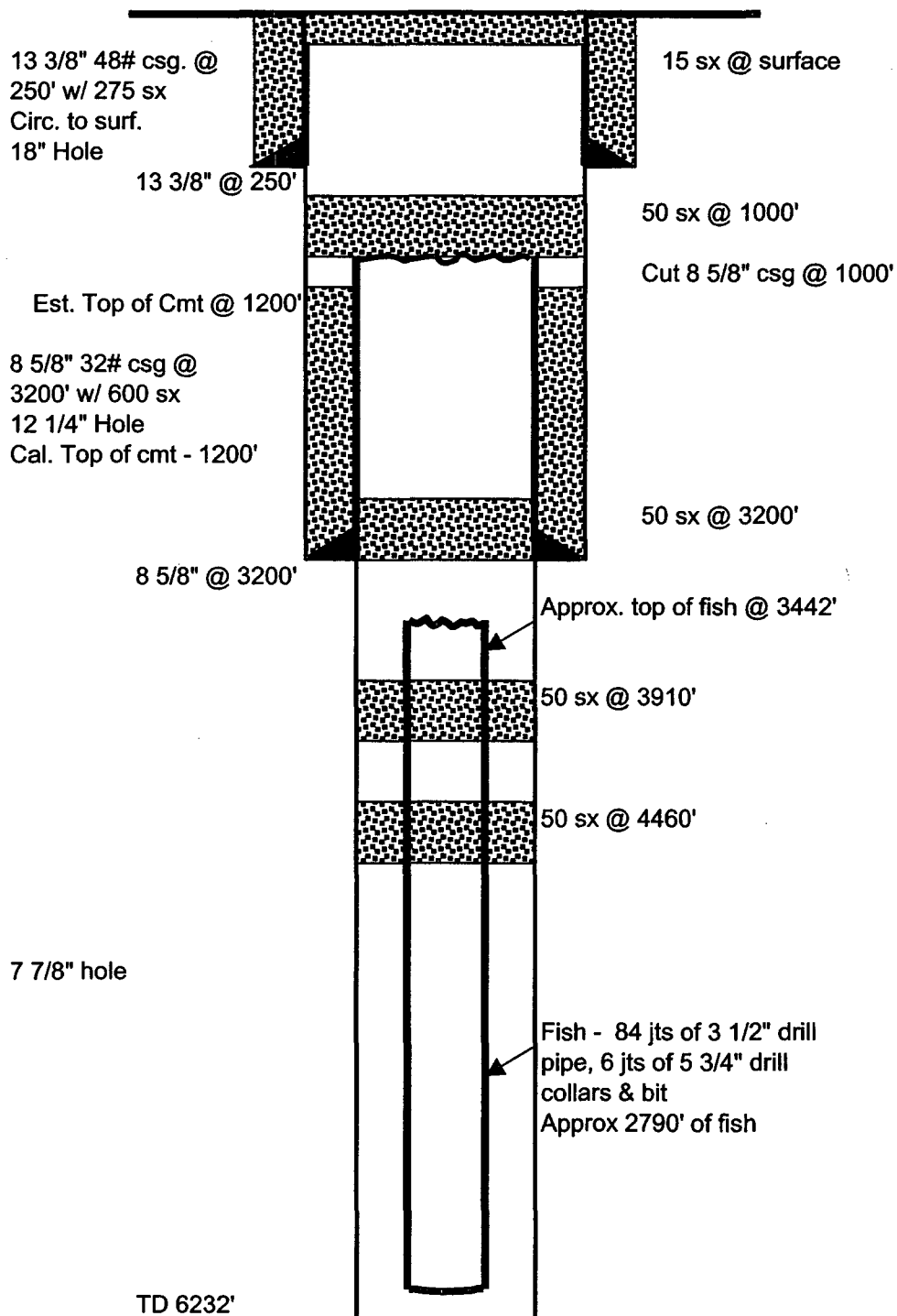
DST 4358'-4480'
DST 4441'-4480'
Drill pipe stuck in hole - J&A
Fish in hole - 84 jts of 3 1/2" drill pipe + 6 jts of 5 3/4" drill collars & bit, approx. 2790'

CURRENT STATUS: J&A DATE PLUGGED: 2/17/1952 DATE: 10/1/2002

CUMMULATIVE PROD THRU:

RESERVOIR:	GAS	OIL	WATER
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Skelly #1 Mexico "N"
 330' FNL & 330' FEL, Sec. 32, T-18-S R-39-E
 J&A 2/17/52 - API #: 30-025-07966



* Note: Well did not reach the Blinebry Formation
 Skelly # 1-A Mexico "N", a twin to this well
 encountered the Blinebry at 6400'

WELL DATA SHEET

OPERATOR: Texland Petroleum - Hobbs, L.L.C. (Regency Petroleum New Mexico) **TYPE:** Oil

WELL # & NAME: #1 Regency Davis **API #:** 30-025-29542

LOCATION: 920' FSL & 350' FEL **SECTION** 29 **TWP/RNG** T-18-S R-39-E

UNIT: O **FIELD:** Hobbs East Blinebry

COUNTY: Lea **STATE:** NM **DATE COMPLETED:** 2/28/86

ELEV. GL: **KB:** 3597' **TD:** 6448' Blinebry

INITIAL POTENTIAL: IPP: 115 BOPD + 85 MCFGPD, GOR 739, Gty 39.6, Blinebry, Perfs 6376'-6418'

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1871'	860	surf	circ	12 1/4"	24	
4 1/2"	6448'	1350	surf	calculated	7 7/8"	9.5 & 10.5	

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY

No Cores or DST's

Perf 6376'-6418' w/ 10 IT, Blinebry

A/ 1250 gal

ACFR/ 10,000 gal, Flwd 93 BOPD + 50 MCFGPD

CURRENT STATUS: Producing on pump **DATE PLUGGED:** **DATE:** 10/1/2002

CUMMULATIVE PROD THRU: 6/1/02

RESERVOIR:

GAS

OIL

WATER

Blinebry	64,667	MCF	150,322	BO	17,198	BW
		MCF		BO		BW
		MCF		BO		BW
		MCF		BO		BW
		MCF		BO		BW

Regency Davis #1
920' FSL & 350' FEL, Sec. 29, T-18-S R-39-E
API #: 30-025-29542

8 5/8" 24# csg @
1871' w/ 860 sx
Circ cmt to surface
12 1/4" hole

4 1/2" 9.5 & 10.5# csg. @
6488' w/ 1350 sx. calc. to surf.
7 7/8" hole

perfd: 6376'-6418'

TD: 6448'

WELL DATA SHEET

OPERATOR: David H. Arrington Oil & Gas, Inc. (Aurora Gasoline Company) **TYPE:** Oil

WELL # & NAME: #2 Ralph Davis **API #:** 30-025-0794

LOCATION: 1980' FSL & 330' FEL **SECTION** 29 **TWP/RNG** T-18-S R-39-E

UNIT: J **FIELD:** Hobbs East Blinebry

COUNTY: Lea **STATE:** NM **DATE COMPLETED:** 12/18/51

ELEV. GL: 3593' **KB:** **TD:** 6487' Blinebry

INITIAL POTENTIAL: IPP: 115 BOPD

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
10 3/4"	1865'	850	surf	circ	13 3/8"	32	
5 1/2"	6388	500	2329'	calculated	7 3/4"	14 & 15.5	

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY

DST 4453'-4477'
Set 5 1/2" @ 6388'. Open Hole 6388'-6433'
A/5,000 gal OH, Re-A/500 OH
DST 6390'-6433'
Comp OH from 6388'-6487' w/ 2" tbg @ 6430'
Deepened OH from 6433' to 6487' - 12/17/00

CURRENT STATUS: Producing on pump **DATE PLUGGED:** **DATE:** 10/1/2002

CUMMULATIVE PROD THRU: 6/1/02

RESERVOIR:	GAS	OIL	WATER
Blinebry	58,127 MCF	191,461 BO	43,372 BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Ralph Davis #2
1980' FSL & 330' FEL, Sec. 29, T-18-S R-39-E
Completed 12-18-51 - API #: 30-025-07934

10 3/4" 32.75# csg @
1865' w/ 850 sx
Circ cmt to surface
13 3/8" hole

5 1/2" 14 & 15.5# csg. @
6388' w/ 500 sx.
7 3/4" hole

6388'-6487' open hole
w/ 2" tbg @ 6430'

TD- 6487'

WELL DATA SHEET

OPERATOR: David H. Arrington Oil & Gas, Inc. (Chevron USA) **TYPE:** Oil

WELL # & NAME: #4 Carrie O. Davis **API #:** 30-025-29944

LOCATION: 890' FSL & 2310' FWL **SECTION** 29 **TWP/RNG** T-18-S R-39-E

UNIT: N **FIELD:** Hobbs East Blinebry

COUNTY: Lea **STATE:** NM **DATE COMPLETED:** 8/13/87

ELEV. GL: 3591' **KB:** 3605' **TD:** 6500' Blinebry

INITIAL POTENTIAL: IPP: 50 BOPD, 37 MCFGPD, 33 BWPD, GOR 440, Gty 37.6, Blinebry, Perf 6370'-6425'

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1860'	1200	surf.	circ.	12 1/4"	24	
5 1/2"	6500'	1600	surf.	circ.	7 7/8"	15.5	

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY

DST 6390'-6460'
Perf Blinebry 6370'-6373', 6388'-6425' w/ 42 shots,
A/5,000 gal 15% NEFE, Swbd 25 BAW + 1 1/2 BO 8 hrs 30 min
A/14,000 gal 15% NEFE, P 16 BW in 11 hrs, P 40 BOPD + 40 BWPD

CURRENT STATUS: Producing on Pump **DATE PLUGGED:** **DATE:** 10/1/2002

CUMMULATIVE PROD THRU: 6/1/02

RESERVOIR:

	GAS		OIL		WATER
Blinebry	42,240	MCF	81,024	BO	31,908 BW
		MCF		BO	BW
		MCF		BO	BW
		MCF		BO	BW
		MCF		BO	BW

Carrie O. Davis #4
890' FSL & 2310' FWL, Sec. 29, T-18-S R-39-E
API #: 30-025-29944

8 5/8" 24# csg @
1860' w/ 1200 sx
Circ cmt to surface
12 1/4" hole

5 1/2" 15.5# csg. @
6500' w/ 1600 sx. circ. to surf.
7 7/8" hole

perfd: 6370'-6373'

perfd: 6388'-6425'

TD: 6500'

WELL DATA SHEET

OPERATOR: Anadarko **TYPE:** D&A

WELL # & NAME: #1 June Speight **API #:** 30-025-26838

LOCATION: 2310' FNL & 2310' FWL **SECTION** 29 **TWP/RNG** T-18-S R-39-E

UNIT: F **FIELD:** Hobbs East Blinebry

COUNTY: Lea **STATE:** NM **DATE COMPLETED:** 10/17/81

ELEV. GL: 3588' **KB:** **TD:** 6537' Blinebry

INITIAL POTENTIAL: D&A

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
13 3/8"	30'	redi-mix	surf	poured from surf	20"	48	
8 5/8"	1850'	625	surf	circ	11"	24	
4 1/2"	6537'	1490	2140'	temp survey	7 7/8"	10.5	

CASING PULLED: Cut 4 1/2" csg @ 2184'. Pulled 2184' of csg
Cut 8 5/8" csg below plow depth

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES
5980'	10				
5979'	25				
4520'	12				
2234'	106				
surface	10				

PERFORATED INTERVALS & COMPLETION HISTORY

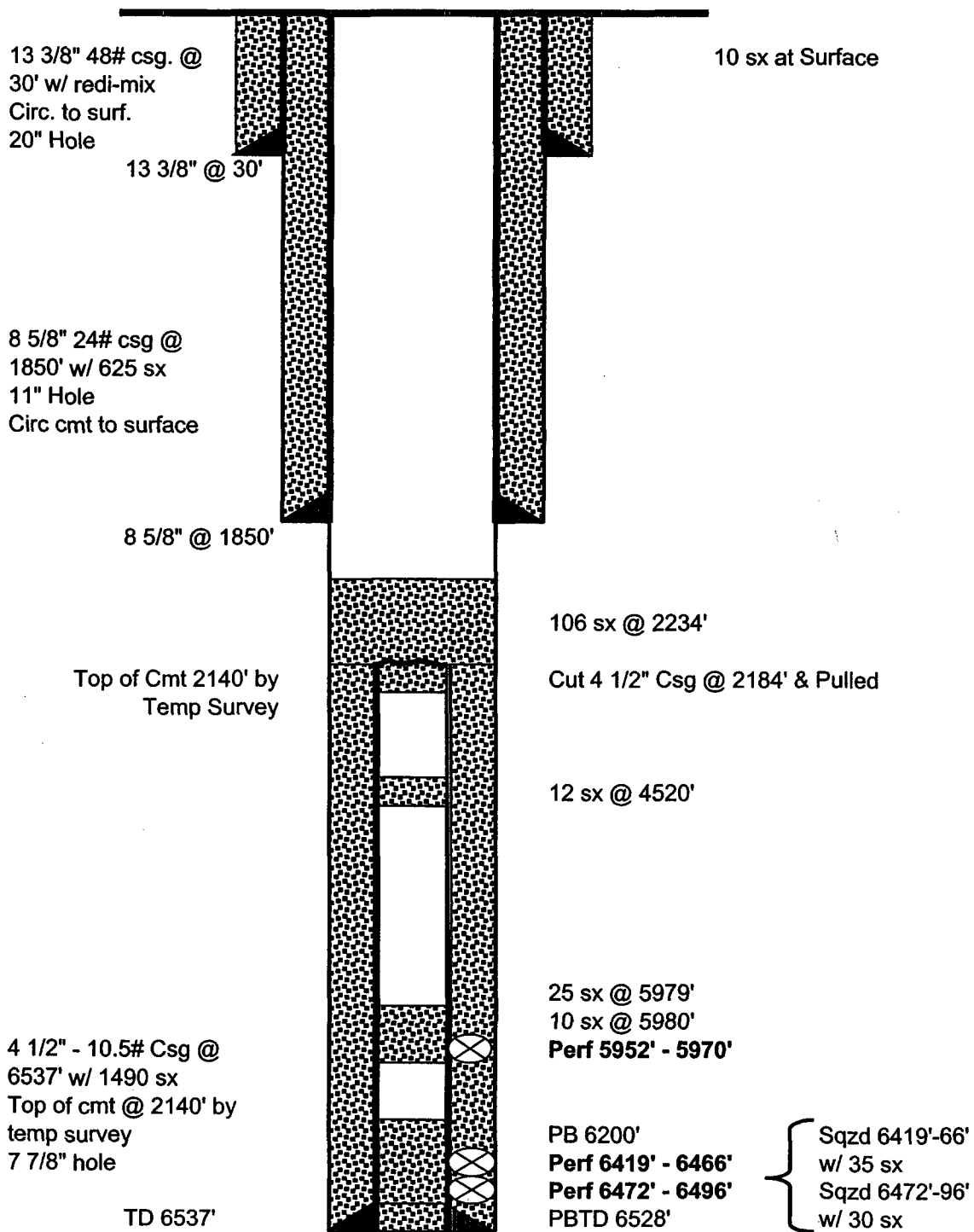
PBTD: 6528'
 Perf Blinebry 6419', 6423', 6432', 6439', 6442', 6448', 6455', 6458', 6460', 6466', 6472', 6477', 6490', 6494', 6496' w/ 1 SPF (6419'-6496' overall), A/3,000 gal
 Frac 6419'-6496' w/ 172,500 gal + 129,000 # sand, Sqzd 6472'-6496' w/ 30 sx
 6419'-6466' P 114 BWPD, Sqzd 6419'-6466' w/ 35 sx, PB to 6200'
 Perf Glorieta 5952'-5970', A/ 1750 gal, Swbd 100% wtr. D&A

CURRENT STATUS: D&A **DATE PLUGGED:** 10/17/1981 **DATE:** 10/1/2002

CUMMULATIVE PROD THRU:

RESERVOIR:	GAS	OIL	WATER
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Anadarko #1 June Speight
 2310' FNL & 2310' FWL, Sec. 29, T-18-S R-39-E, Ut-F
 D&A 10/17/81 - API #: 30-025-26838



**Application For Authorization To Inject, Form C-108
David H. Arrington Oil & Gas, Inc. #5 WIW Davis
Proposed Water Injector - 2727' FWL & 1424' FSL
Section 29 T-18-S R-39-E, Lea County, New Mexico**

Article VI

Wells in Texas

WELL DATA SHEET

OPERATOR: Texland Petroleum - Hobbs, L.L.C. **TYPE:** Oil

WELL # & NAME: #12 Jones, Edgar E "A" **API #:** 42-165-35768

LOCATION: 630' FSL & 1270' FWL **SECTION** 5 **BLK/SUR** Blk A-10, PSL

UNIT: M **FIELD:** Hobbs East Blinebry

COUNTY: Gaines **STATE:** TX **DATE COMPLETED:** 8/7/2001

ELEV. GL: 3588 **KB:** **TD:** 6450' Blinebry

INITIAL POTENTIAL: IPP: 1 BOPD + 318 BWPD

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1905	920	surface	circ	12 1/4"	24	
5 1/2"	6450	1200	surface	circ	7 7/8"	15.5	

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY Perf 6365'-6437'
A/2,300 gal 15% HCL

CURRENT STATUS: Producing on pump **DATE PLUGGED:** **DATE:** 10/22/2002

CUMMULATIVE PROD THRU: 6/1/02

RESERVOIR: GAS OIL WATER

Blinebry	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Edgar Jones E "A" #12
630' FSL & 1270' FWL, Sec. 5, Blk A-10, PSL, Unit M
Completed: 8/7/2001 API #: 42-165-35768

8 5/8" 24# csg @
1905' w/ 920 sx
Circ cmt to surface
12 1/4" hole

5 1/2" 15.5# csg. @
6450' w/ 1200 sx. circ. to surf.
7 7/8" hole

perf'd: 6365'-6437' A/2,300 gal
TD: 6450'

WELL DATA SHEET

OPERATOR: Texland Petroleum - Hobbs, L.L.C. **TYPE:** Wtr Injector

WELL # & NAME: # 6 Jones, Edgar E. "A" **API #:** 42-165-35508

LOCATION: 1182' FSL & 133' FWL **SECTION** 5 **BLK/SUR** Blk A-10, PSL

UNIT: M **FIELD:** Hobbs East Blinebry

COUNTY: Gaines **STATE:** TX **DATE COMPLETED:** 6/24/2000

ELEV. GL: 3583 **KB:** **TD:** 6463' Blinebry

INITIAL POTENTIAL: Drilled as a Water Injection Well

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1892'	950	Surface	Circ.	12 1/4"	24	
5 1/2"	6388'	1250	Surface	Circ.	7 7/8"	15.5	

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY

Open Hole from 6388' to 6463'
A/ 3000 gal 15% HCL

CURRENT STATUS: Water Injection **DATE PLUGGED:** **DATE:** 10/22/2002

CUMMULATIVE PROD THRU:

RESERVOIR:

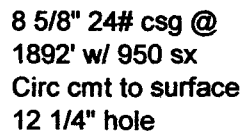
GAS

OIL

WATER

	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Edgar Jones E "A" #6
1182' FSL & 133' FWL, Sec. 5, Blk A-10, PSL, Unit M
Completed: 6/24/2000 API #: 42-165-35508



8 5/8" 24# csg @
1892' w/ 950 sx
Circ cmt to surface
12 1/4" hole

5 1/2" 15.5# csg. @
6388' w/ 1250 sx. circ. to surf.
7 7/8" hole

OH: 6388' - 6463' A/ 3000 gal 15% HCl

TD: 6463'

WELL DATA SHEET

OPERATOR: Texland Petroleum - Hobbs, L.L.C. **TYPE:** Wtr Injector

WELL # & NAME: # 7 Jones, Edgar E. "A" **API #:** 41-165-35487

LOCATION: 1310' FSL & 1320' FWL **SECTION** 5 **BLK/SUR** Blk A-10, PSL

UNIT: M **FIELD:** Hobbs East Blinebry

COUNTY: Gaines **STATE:** TX **DATE COMPLETED:** 5/12/2000

ELEV. GL: 3587 **KB:** **TD:** 6474' Blinebry

INITIAL POTENTIAL: Drilled as a Water Injection Well

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1898'	950	Surface	Circ.	12 1/4"	24	
5 1/2"	6399'	1300	Surface	Circ.	7 7/8"	14 & 15.5	

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY

Open Hole from 6399' to 6474'
A/ 3000 gal 15% HCL

CURRENT STATUS: Water Injection **DATE PLUGGED:** **DATE:** 10/21/2002

CUMMULATIVE PROD THRU:

RESERVOIR:	GAS	OIL	WATER
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Edgar Jones E "A" #7
1310' FSL & 1320' FWL, Sec. 5, Blk A-10, PSL, Unit M
Completed: 5/12/2000 API #: 42-165-35487

8 5/8" 24# csg @
1898' w/ 950 sx
Circ cmt to surface
12 1/4" hole

5 1/2" 14 & 15.5# csg. @
6399' w/ 1300 sx. circ. to surf.
7 7/8" hole

OH: 6399' - 6474' A/ 3000 gal 15% HCl

TD: 6474'

WELL DATA SHEET

OPERATOR: Texland Petroleum - Hobbs, L.L.C. **TYPE:** Wtr Injector

WELL # & NAME: #9 Jones, Edgar E. "A" **API #:** 42-165-35507

LOCATION: 10' FSL & 133' FWL **SECTION** 5 **BLK/SUR** Blk A-10, PSL

UNIT: M **FIELD:** Hobbs East Blinebry

COUNTY: Gaines **STATE:** TX **DATE COMPLETED:** 6/14/2000

ELEV. GL: 3580 **KB:** **TD:** 6449' Blinebry

INITIAL POTENTIAL: Drilled as a Water Injection Well

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1897'	950	Surface	Circ.	12 1/4"	24	
5 1/2"	6363'	1300	Surface	Circ.	7 7/8"	14 & 15.5	

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY

Open Hole from 6363' to 6449'
A/ 3000 gal 15% NEFE HCL

CURRENT STATUS: Water Injection **DATE PLUGGED:** **DATE:** 10/21/2002

CUMMULATIVE PROD THRU:

RESERVOIR:

GAS

OIL

WATER

	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Edgar Jones E "A" #9
10' FSL & 133' FWL, Sec. 5, Blk A-10, PSL, Unit M
Completed: 6/14/2000 API #: 42-165-35507

8 5/8" 24# csg @
1897' w/ 950 sx
Circ cmt to surface
12 1/4" hole

5 1/2" 14 & 15.5# csg. @
6363' w/ 1300 sx. circ. to surf.
7 7/8" hole

OH: 6363' - 6449' A/ 3000 gal 15% NEFE HCl

TD: 6474'

WELL DATA SHEET

OPERATOR: Texland Petroleum - Hobbs, L.L.C.

TYPE: Wtr Injector

WELL # & NAME: #10 Jones, Edgar E. "A"

API #: 42-165-35486

LOCATION: 50' FSL & 1320' FWL

SECTION 5

BLK/SUR Blk A-10, PSL

UNIT: M

FIELD: Hobbs East Blinebry

COUNTY: Gaines

STATE: TX

DATE COMPLETED: 3/25/2000

ELEV. GL: 3587

KB:

TD: 6432' Blinebry

INITIAL POTENTIAL: Drilled as a Water Injection Well

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1903'	950	Surface	Circ.	12 1/4"	24	
5 1/2"	6349'	1330	Surface	Circ.	7 7/8"	14 & 15.5	

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY

Open Hole from 6349' to 6432'

A/ 3000 gal 15% NEFE HCL & 700 gal Pentol 100

CURRENT STATUS: Water Injection

DATE PLUGGED:

DATE: 10/21/2002

CUMMULATIVE PROD THRU:

RESERVOIR:

GAS

OIL

WATER

	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Edgar Jones E "A" # 10
50' FSL & 1320' FWL, Sec. 5, Blk A-10, PSL, Unit M
Completed: 3/25/2000 API #: 42-165-35486

8 5/8" 24# csg @
1903' w/ 950 sx
Circ cmt to surface
12 1/4" hole

5 1/2" 14 & 15.5# csg. @
6349' w/ 1330 sx. circ. to surf.
7 7/8" hole

OH: 6349' - 6432' A/ 3000 gal 15% NEFE HCl & 700 gal
Pentol 100
TD: 6432'

WELL DATA SHEET

OPERATOR: Texland Petroleum, Inc. **TYPE:** Oil

WELL # & NAME: #3 Jones "B" **API #:** 42-165-35765

LOCATION: 637' FWL & 1758' FSL **SECTION** 5 **BLK/SUR** Blk A-10, PSL

UNIT: L **FIELD:** Hobbs East Blinebry

COUNTY: Gaines **STATE:** TX **DATE COMPLETED:** 8/25/2001

ELEV. GL: 3585' **KB:** **TD:** 6531' Blinebry

INITIAL POTENTIAL: IPP: 1 BOPD + 231 BWPD

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
8 5/8"	1905'	950	surface	circ.	12 1/4"	24	
5 1/2"	6531'	1050	surface	circ.	7 7/8"	14	

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY

Perf: 6394'-6448'

A/ 1,000 gal 15% HCL

CURRENT STATUS: Producing on Pump **DATE PLUGGED:** **DATE:** 10/22/2002

CUMMULATIVE PROD THRU:

RESERVOIR:

GAS

OIL

WATER

	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Jones B # 3
1738' FSL & 637' FWL, Sec. 5, Blk A-10, PSL, Unit L
Completed: 8/25/2001 API #: 42-165-35765

8 5/8" 24# csg @
1905' w/ 950 sx
Circ cmt to surface
12 1/4" hole

5 1/2" 14# csg. @
6531' w/ 1050 sx. circ. to surf.
7 7/8" hole

perf'd: 6394'-6448' A/1,000 gal 15% HCl
TD: 6450'

WELL DATA SHEET

OPERATOR: Regency Petroleum Company of New Mexico **TYPE:** D&A

WELL # & NAME: #1 Jones **API #:** 42-165-33581

LOCATION: 330' FWL & 1694' FSL **SECTION** 5 **BLK/SUR** Blk A-10, PSL

UNIT: L **FIELD:** Hobbs East Blinebry

COUNTY: Gaines **STATE:** TX **DATE COMPLETED:** 10/3/1988

ELEV. GL: 3555 **KB:** **TD:** 6535' Blinebry

INITIAL POTENTIAL: D&A

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
9 5/8"	1844'	710	surface	circ	12 1/4"	4.7	
4 1/2"	6532'	1350	3100	calculated	7 7/8"	15.1	

CASING PULLED: None

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES
6348'	45	CIBP set at 6348'	10'	5	Surface Plug
3007'	45				
1896'	55				
1302'	35				
350'	35				

PERFORATED INTERVALS & COMPLETION HISTORY

Perf 6390' - 6437'
A/2500 gal 15%
A/10,000 gal 15%
A/2000 gal 15%
145 sx premium cement squeeze
50 sx PP cement squeeze

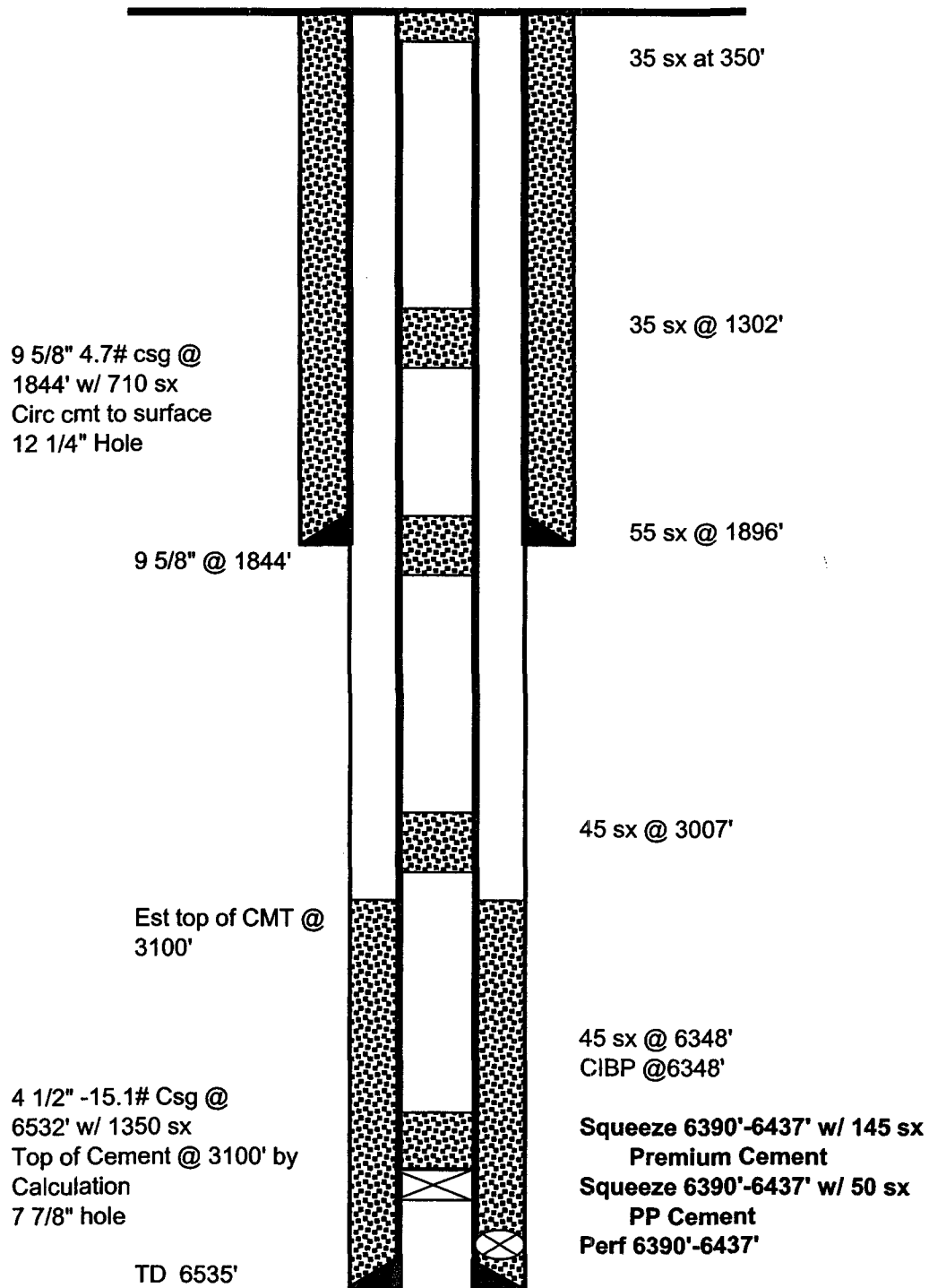
CURRENT STATUS: D&A **DATE PLUGGED:** 10/3/1988 **DATE:** 10/23/2002

CUMMULATIVE PROD THRU:

RESERVOIR: GAS OIL WATER

	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Regency Petroleum #1 Jones
 1694' FSL & 330' FWL, Sec. 5, Blk A-10, PSL Survey
 D&A 10/3/1988 - API #: 42-165-33581



WELL DATA SHEET

REC Lease #: 02652

OPERATOR: Black Drilling Company (Tahoe Oil & Cattle Compnay) TYPE: P&AWELL # & NAME: #1 Jones, Edgar "B" API #: 42-165-00464LOCATION: 1980' FSL & 660' FWL SECTION 5 BLK/SUR Blk A-10, PSLUNIT: L FIELD: Hobbs East BlinebryCOUNTY: Gaines STATE: TX DATE COMPLETED: 12/9/1950ELEV. GL: 3582' KB: 3592' TD: 6434' BlinebryINITIAL POTENTIAL: P 143 BOPD plus 23% water form open hole 6398'-6434'

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE	WEIGHT lb./ft.	
10 3/4"	309'	250					
7 5/8"	3125'	2000					
5 1/2"	6400'	300					

CASING PULLED: Pulled 3181 feet of 5 1/2" csg

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES
6350'	3	CIBP @ 6350'			
3175'	40	CIBP @ 3175'			
30'	10	CIBP @ 30'			

PERFORATED INTERVALS & COMPLETION HISTORY

Completion from open hole 6398' to 6434'

A/1,000 gal

CURRENT STATUS: P&A DATE PLUGGED: 5/21/1974 DATE: 10/22/2002

CUMMULATIVE PROD THRU:

RESERVOIR:

GAS

OIL

WATER

	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Black Drilling Company # 1 Edgar Jones "B"
1980' FSL & 660' FWL, Sec. 5, Blk A-10, PSL Survey
P&A 5/21/1974 - API #: 42-165-00464

10 3/4" csg @
309' w/250 sx
Circ to surface

10 sx @ 30'
CIBP @ 30'

7 5/8" csg @
3125' w/ 2000 sx

12 1/4" Hole

7 5/8" @ 3125'

40 sx @ 3175'
CIBP @ 3175'

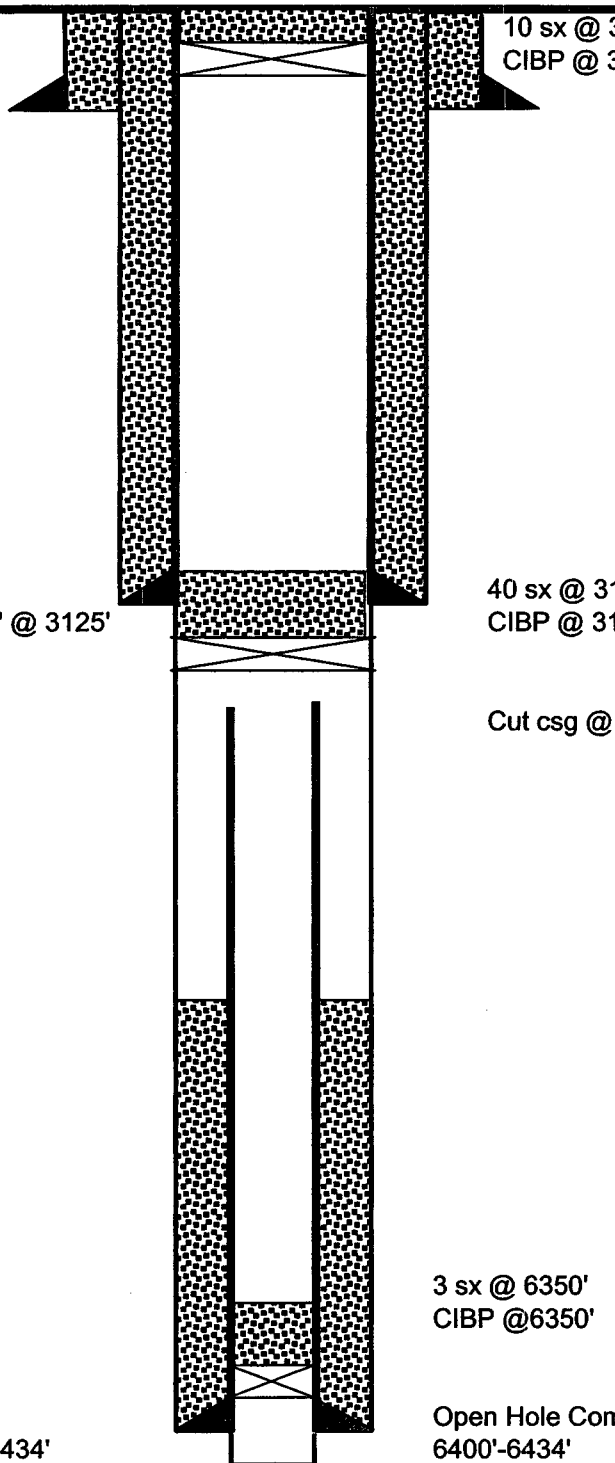
Cut csg @ 3181' and pulled

5 1/2" - Csg @
6400' w/ 300 sx

3 sx @ 6350'
CIBP @ 6350'

TD 6434'

Open Hole Completion
6400'-6434'



WELL DATA SHEET

OPERATOR: Texland Petroleum- Hobbs, L.L.C. (Humble Oil & Refining Co.) **TYPE:** Oil

WELL # & NAME: #3 E.B. Bailey **RRC lease #** 02650 **API #:** 42-165-01229

LOCATION: 660' FNL & 660' FWL **SECTION** 6 **BLK/SUR:** Blk A-10, PSL

UNIT: C **FIELD:** Hobbs East

COUNTY: Gaines **STATE:** TX **DATE COMPLETED:** 3/22/1952

ELEV. GL: **DF:** 3592' **TD:** 6431' Blinebry

INITIAL POTENTIAL:

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE		
10 3/4"	320'	350					
7 5/8"	3107'	725					
5 1/2"	6420'	450					

CASING PULLED:

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

PERFORATED INTERVALS & COMPLETION HISTORY

DST 4429-4465'
DST 4425-4465'
DST 4465-4480'
Perf 6354-6360'
Perf 6370-6394'
Perf 6400-6418'
Perf 6425-6431'
A/1000, A/4000, Sqzd Perfs 6375-6420'

CURRENT STATUS: Producing on pump **DATE PLUGGED:** **DATE:** 2/25/2003

CUMMULATIVE PROD THRU:

RESERVOIR:	GAS	OIL	WATER
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

E.B. Bailey # 3
660' FNL & 660' FWL, Sec. 5, Blk A-10, PSL, Unit C
Completed: 3/22/1952 API #: 42-165-01229

10 3/4" csg @ 320'
w/ 350 sx

7 5/8" csg @ 3107'
w/ 725 sx

5 1/2" csg @ 6420'
w/ 450 sx

TD: 6431'

Perf: 6354' - 6360'

Perf: 6370' - 6394'

Perf: 6400' - 6418'

Perf: 6425' - 6431'

A/1000, A/4000, Sqzd Perfs 6375' - 6420'

WELL DATA SHEET

OPERATOR: Texland Petroleum - Hobbs, L.L.C. (W.H. Black Drilling Co.) **TYPE:** Oil

WELL # & NAME: Edgar Jones "A" #2 **API #:** 42-165-00465

LOCATION: 660' FSL & 660' FWL **SECTION** 5 **BLK/SUR:** Blk A-10, PSL

UNIT: M **FIELD:** Hobbs East

COUNTY: Gaines **STATE:** TX **DATE COMPLETED:** 1/27/1951

ELEV. GL: 3589' **KB:** **TD:** 6425' Blinebry

INITIAL POTENTIAL: _____

CASING SET:

CSG SIZE	DEPTH CSG SET	CMT W/ SX	TOP OF CMT	METHOD DETERMINED	HOLE SIZE		
10 3/4"	316'	275					
7 5/8"	3125'	1700					
5 1/2"	6370'	275					

CASING PULLED: _____

PLUGS SET:

DEPTH	SX	NOTES	DEPTH	SX	NOTES

**PERFORATED INTERVALS &
COMPLETION HISTORY**

OH 6371'-6425', A/8000 gal

CURRENT STATUS: Producing on pump **DATE PLUGGED:** **DATE:** 2/25/2003

CUMMULATIVE PROD THRU:

RESERVOIR:	GAS	OIL	WATER
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW
	MCF	BO	BW

Edgar Jones "A" #2
660' FSL & 660' FWL, Sec. 5, Blk A-10, PSL, Unit M
Completed: 1/27/1951 API #: 42-165-00465

10 3/4" csg @ 316'
w/ 275 sx

7 5/8" csg @ 3125'
w/ 1700 sx

5 1/2" csg @ 6370'
w/ 275 sx

TD: 6425'

OH: 6370' - 6425', A/8000 gal

Application for Authorization to Inject, C-108
David H. Arrington Oil & Gas, Inc. #: WI-5 Davis
2727' FWL, 1424' FSL Sec. 29, T-18-S R-39-E
Lea County, New Mexico

VII. Proposed Operation

1. Average daily injection rate: 300 BWPD
Maximum daily injection rate: 1000 BWPD
Estimated total volume to be injected – 2,000,000 BW
2. The system is a closed system.
3. Average injection pressure: 2500 psi
Maximum injection pressure 3500 psi
4. Injection fluid will be produced water and fresh water from all available sources on our leases (Blaine and Ogallala). All sources are compatible with the receiving formation.
5. Not Applicable

VIII. Geological Data of Injection Zone

- | | |
|---|-------------------------------|
| 1. Injection Zone: | Blaine Formation |
| 2. Lithology: | Dolomite |
| 3. Thickness: | 60' +/- |
| 4. Depth: | 6340' +/- |
| 5. Fresh Water Aquifers: | Tertiary – Ogallala Formation |
| 6. Depth to bottom of Ogallala: | 260' from surface |
| 7. Fresh Water Aquifers below Injection Zone: | None |

IX. Proposed Simulation Program

Breakdown acid job of 3000 gals w/ ball sealers

X. Logs and test data on well will be submitted when injector well is drilled and completed.

XI. Chemical Analysis of Fresh Water Wells

Attached are the fresh water analyses from three of the active water wells in the area. The well labeled P Goode was permitted by Coyote Farms (L04053) in Section 31. The well labeled CO Davis was permitted for domestic use by Lee Robertson (L11116) in Section 29.

XII. Not Applicable

WaterWells (1)/Sheet1

Page 1 of 1

2/21/2002

WATER WELL DATA REPORT AS OF FEBRUARY 12, 2002

	Use	Owner	Well Number	Twp	Rng	Sec	Qtr	Qtr	Qtr	Qtr	Start Date	Finish Date	Depth (ft.)	
													Well	Water
1	DOM	MARTIN HUGHES	L 04096 APPRO FXP	18S	39E	29	NE							
2	DOM	WILLIAM TUCKER	L 04771 APPRO	18S	39E	29	NW	NE	NW		12/15/1961	12/16/1961	120	65
3	DOM	LEE ROBERSON	L 11116	18S	39E	29	NW	NE	NW		8/21/2000	8/21/2000	240	200
4	PRO	ANADARKO PROD CO.	L 08365	18S	39E	29	NW	SE			3/11/1981	3/12/1981	150	84
5	IRR	LEE ROBERSON	L 03430 S	18S	39E	29	NW	SW	NE					
6	PRO	KEATING DRILLING CO.	L 01217 APPRO	18S	39E	29	SE	SE	NE		9/9/1951	9/11/1951	120	
7	DOM	D. D. JONES	L 06512	18S	39E	30	NE	NE			9/12/1969	9/14/1969	170	70
8	DOM	TERRY CAWLEY	L 09289	18S	39E	30	NE	NE	NW		8/5/1983	8/5/1983	150	60
9	DOM	LEROY N. BOX	L 09912	18S	39E	30	NE	NE			4/27/1987	4/27/1987	155	95
10	DOM	ADAN RODRIQUEZ	L 09948	18S	39E	30	NE	NE			9/3/1987	9/3/1987	150	88
11	DOM	TURNER J C JR	L 10309	18S	39E	30	NE	NE	NW		5/13/1994	5/14/1994	180	87
12	DOM	ROB L. HOLDRIDGE	L 05183 EXP	18S	39E	30	NE	NW	NE					
13	DOM	CARLTON C. WADE	L 05187 EXP	18S	39E	30	NE	NW						
14	DOM	CARLTON C. MR. WADE	L 05448 EXP	18S	39E	30	NE	NW						
15	DOM	ROB L. HOLDRIDGE	L 10538	18S	39E	30	NE	NW	NW		2/5/1996	2/16/1996	200	
16	PRO	THE TEXAS COMPANY	L 02173 APPRO	18S	39E	30	NE	SE						
17	DOM	JIMMY D. ROBERTS	L 08039	18S	39E	30	NE	SE			3/21/1979	3/28/1979	150	60
18	DOM	JERRY D. SMITH	L 08040	18S	39E	30	NE	SE			5/14/1979	5/18/1979	150	85
19	DOM	ROB L. HOLDRIDGE	L 07231 CLW	18S	39E	30	NE	SW	NE		8/25/2001	8/25/2001	195	
20	DOM	THOMAS G. PIERCE	L 08294	18S	39E	30	NE	SW	NE		7/1/1980	7/3/1980	150	90
21	DOM	MICHAEL W. HOLDRIDGE	L 08550	18S	39E	30	NE	SW			10/29/1981	10/31/1981	150	82
22	DOM	GARNICE LAND	L 05197	18S	39E	30	NE				8/26/1963	8/28/1963	100	70
23	DOM	JACK ROBERTS	L 05924	18S	39E	30	NE				11/26/1989	11/26/1989	150	85
24	DOM	ADAN B. RODRIQUEZ	L 07492	18S	39E	30	NE				1/23/1980	1/24/1980	150	82
25	PRO	HUMBLE OIL & REFINING CO.	L 02204 APPRO	18S	39E	30	NW	SE	NW		5/3/1953	5/4/1953	123	65
26	EXP	RICE ENGINEERING COMPANY	L 07671 EXPL 1 & 2	18S	39E	30	NW	SE	NE		3/30/1977	3/31/1977	150	
27	PRO	CACTUS DRILLING COMPANY	L 06633 (E)	18S	39E	30	SE	NW	SW					
28	DOM	DARRELL G. BINGHAM	L 04054 REPAR	18S	39E	31	NE	NW	NW		9/9/1980	9/12/1980	148	105
29	PRO	DAVIDSON DRILLING CO.	L 01333	18S	39E	31	NE	SW			1/1/1952	1/2/1952	123	65
30	DOM	OLLIE T. FORE	L 02439 APPRO	18S	39E	31	NW	NE	SW		1/1/1953	1/3/1953	135	60
31	DOM	L. W. GASSAWAY	L 06605 EXP	18S	39E	31	NW	NW	NW					
32	DOM	TERRY L. OWEN	L 10006	18S	39E	31	NW				7/6/1988	7/18/1988	120	79
33	IRR	COYOTIE FARMS, LLC	L 04053	18S	39E	31	SE	SW	NE				160	
34	DOM	JOHN KING	L 08982	18S	39E	31	SW	NE	SE					
35	DOM	GUILLERMO VILLALOBOS	L 09160	18S	39E	31	SW	NE	NE		4/17/1983	4/18/1983	151	73
36	DOM	ROBERT CUNNINGHAM	L 08698	18S	39E	31	SW	SE			3/12/1982	3/18/1982	150	100
37	PRO	INC. PRIMARY FUELS	L 09999	18S	39E	31	SW	SE			5/6/1988	5/10/1988	164	110
38	DOM	GEORGE A. MANN	L 06891 EXP	18S	39E	31	SW	SW	SE					
39	DOM	RAUL C. GONZALEZ	L 08565	18S	39E	31	SW	SW	NE		10/27/1981	10/30/1981	140	95
40	DOM	MARGARITA ROBLES	L 10973	18S	39E	31	SW	SW	NW		8/13/1999	8/13/1999	158	103
41	DOM	EARL MANNING	L 06713 EXP	18S	39E	31	SW							
42	DOM	BETTY FOLLIS	L 06714 EXP	18S	39E	31	SW							
43	DOM	JACK SICKLER	L 08862 EXP 1 & 2	18S	39E	31	SW							
44	DOM	PAULINO G. QUIROZ	L 09453 EXP	18S	39E	31	SW							
45	DOM	RAMIREZ ARTURO	L 10331	18S	39E	31	SW							
46	DOM	PAULINO G. QUIROZ	L 10602	18S	39E	31	SW							
47	PRO	SHARPE DRILLING CO.	L 01325 APPRO	18S	39E	32	NE	NE	NE		12/18/1952	12/19/1952	115	40
48	PRO	STONE DRILLING CO.	L 02302 APPRO	18S	39E	32	NW	NW	NE				86	30
49	STK	GARY M. SCHUBERT	L 10144	18S	39E	32	SW	NE			9/5/1990	9/5/1990	150	70
50	DOM	SCHUBERT GARY	L 10298	18S	39E	32	SW	SW	SW		11/20/1992	11/20/1992	180	68

Above Information Obtained from: NM State Engineer's Office - Water Administration Technical Engineering Resource System

P O BOX 1468
MONAHANS, TEXAS 79756
PH 943.3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Mr. Chuck Sledge LABORATORY NO. 1002-61
P.O. Box 2071, Midland, Texas 79702 SAMPLE RECEIVED 10/11/02
RESULTS REPORTED 10/15/02

COMPANY David Arrington Oil & Gas LEASE Davis #5 Water Injection Well
FIELD OR POOL _____
SECTION 30 BLOCK _____ SURVEY T-1886R-39E COUNTY Lea STATE NM
SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Raw water - taken from water well (ID L05197). 10/9/02

NO. 2 _____

NO. 3 Gornice Land L-05197

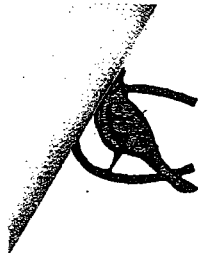
NO. 4 _____

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0016			
pH When Sampled				
pH When Received	7.37			
Bicarbonate as HCO ₃	198			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	292			
Calcium as Ca	88			
Magnesium as Mg	17			
Sodium and/or Potassium	45			
Sulfate as SO ₄	81			
Chloride as Cl	102			
Iron as Fe	0.20			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	532			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	14.00			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	5.1			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENERQUEST RESOURCES L.L.C.
ATTN: CHRIS RENAUD
P.O. BOX 11150
MIDLAND, TX 79702
FAX TO: (915) 687-4804

Receiving Date: 02/21/02
Reporting Date: 02/22/02
Project Number: NOT GIVEN
Project Name: FRESH WATER SAMPLES
Project Location: PEARL GOODE & C.O. DAVIS

Sampling Date: 02/21/02
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (mS/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:		02/22/02	02/21/02	02/21/02	02/21/02	02/21/02	02/21/02
H6533-1	P. GOODE (L04053)	50	83	22	2.82	1022	155
H6533-2	C.O. DAVIS (L11116)	111	194	62	6.29	2395	200
Quality Control		NR	55	49	5.27	1489	NR
True Value QC		NR	50	50	5.00	1413	NR
% Accuracy		NR	110	97.2	105	105	NR
Relative Percent Difference		NR	0	6.0	0	0.3	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
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	Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	02/21/02	02/21/02	02/21/02	02/21/02	02/21/02	02/22/02
H6533-1 P. GOODE	124	77	0	190	7.24	465
H6533-2 C.O. DAVIS	384	239	0	244	7.35	1472
Quality Control	1020	52.66	NR	948	7.11	NR
True Value QC	1000	50.00	NR	1000	7.00	NR
% Accuracy	102	105	NR	94.8	102	NR
Relative Percent Difference	5.0	0.6	NR	0.4	1.6	5.1

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1
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Amy Hill
Chemist

2-22-02
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

H6533

ARTICLE XIII
PROOF OF NOTICE

SURFACE OWNERS AND ADDRESSES
DAVID H. ARRINGTON OIL & GAS, INC.
HOBBS EAST UPPER BLINEBRY COOPERATIVE WATERFLOOD AREA
LEA COUNTY, NEW MEXICO

The below listed parties are surface owners of the lease which contains the proposed injection well. They were sent copies, via certified mail, of David H. Arrington Oil & Gas, Inc.'s application for water injection, New Mexico Form C-108 on February 26, 2003. As soon as proof of receipt has been received by David H. Arrington Oil & Gas, Inc. it will be forwarded to the Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department.

Roberson Farms, LLC.
3305 N. Grimes
Hobbs, NM 88240

Enerquest Oil & Gas, LLC
303 W. Wall Street, Suite 1400
PO Box 11190
Midland, TX 76102

ARTICLE XIII
PROOF OF NOTICE

OFFSET OPERATORS TO
DAVID H. ARRINGTON OIL & GAS, INC.
HOBBES EAST UPPER BLINEBRY COOPERATIVE WATERFLOOD AREA
LEA COUNTY, NEW MEXICO

The below listed parties are offset operators to the lease which contains the proposed injection well. They were sent copies, via certified mail, of David H. Arrington Oil & Gas, Inc.'s application for water injection, New Mexico Form C-108 on February 26, 2003. Both of these companies have signed a JOA with David H. Arrington Oil & Gas, Inc. pertaining to the drilling and completion of the Davis #5 WIW. Both have also consented to participate in the cooperative waterflood. Certification that they received copies of this application will be forwarded to the Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department as soon as it is received by David H. Arrington Oil & Gas, Inc.

Enerquest Oil & Gas, LLC
Attn: Bobby Floyd
303 W Wall, Suite 1400
PO Box 11190
Midland, Texas 79702

Texland Petroleum, Inc.
Attn: Bryan Lee
777 Main Street, Suite 3200
Ft Worth, Texas 76102