

Cost Notice
in 9/17/08

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [INSP-Non-Standard Proration-Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[ESWD-Salt Water Disposal] [11PI-Injection Pressure Increase]
[EEOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

NSL NSP SD

Check One Only for [13] or [C]

[13] Commingling - Storage - Measurement

DHC CTB PLC PC OLS OLM

✓ [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

WFX PMX SWD IPI EOR PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] Working, Royalty or Overriding Royalty Interest Owners

[13] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

2008 JUN 26 PM 3 43
 RECEIVED

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common,
I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ann E. Ritchie
Print or Type Name

Signature

Regulatory Agent
Title

6-18-08
Date

ann.ritchie@wtor.net
e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: AMTEX Energy Inc.

ADDRESS: P.O. Box 3418 Midland, Texas 79702

CONTACT PARTY: William J. Savage PHONE: 432-686-0847

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 XX 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).

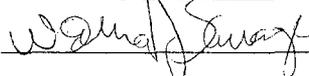
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

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: William J. Savage TITLE: Engineer

SIGNATURE:  DATE: 6-18-08

E-MAIL ADDRESS: _____

* 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: X. Logging and test data originally done by Meridian and _____
On file with NMOCD under API # 30-025-31653.

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

III. WELL DATA

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

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

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

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

WELL HISTORY

C-108
Well Data

C-108: III A - Tabular Well Data

OPERATOR: AMTEX ENERGY, INC. (MERIDIAN)
FEE: Dagger Lake State 5 #1
LOCATION: 330 FSL & 1980 FEL **API:** 30-025-31653
SEC: 5 (O) **TWP:** 22 S **RGE:** 33 E
COUNTY: Lea **STATE:** NM **G L Elev:** 3646.8

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

TD: 8810 **PBTD:** 6028 **EST. TOC:** 2580 by CBL
COMPLETED: 08/29/1992 **OWWO:** **WELL P & A:**
DRILLING MUD: MW:9.8 VIS: 33 Rm: .210 @ 70 ° F Rmc: 0.112 @ 137 ° F
 Chl: Rmf: .160 @ 70 ° F BHT: 137 ° F
ADDITIVES:
LOGS RUN: Schlumberger: CNL-FDC, DLL-MSFL, CBL
 (On file with the NMOCD already)

DST's / CORES: None Reported (See Below)

SURFACE HOLE:	17 1/2" to 622'							
SURFACE CASING:	13 3/8" (48#)	@	622	W/	630	SX;	ETOC -	Circulated
INTERMEDIATE HOLE:	12 1/4" to 4486							
INTERMEDIATE CASING:	8 5/8" (28#)	@	4486	W/	2250	SX;	ETOC -	Circulated
PRODUCTION HOLE:	7 7/8" to 8810							
PRODUCTION CASING:	5 1/2" (17#)	@	8810	W/	1675	SX;	ETOC -	2580 by CBL
OTHER:								
CASING PULLED:	NO							

ORIGINAL PROD: P 120 BO + 120 MCFG + 380 BWPD
(Last Prod 7/95) CUM PROD: (2 / 08) 8.7 MBO + 0.0 MMCF + 95.6 MBW
PERFS: 4951-56, 4962-85 **INTERVAL:** U Delaware Sands
TREATMENT: ACID W/ Natural Completion
 FRAC W/

OWWO PROD: No New Potential
(2/93) CUM PROD: (/) MBO + MMCF + MBW
PERFS: 4951-85 OA **INTERVAL:** U Delaware Sands
TREATMENT: ACID W/ 2500 Gal 7 1/2 % + 200 Gal Toluene
 FRAC W/

OWWO PROD:
CUM PROD: (/) MBO + MMCF + MBW
PERFS: **INTERVAL:**
TREATMENT: ACID W/
 FRAC W/

NOTE: Well T & A 8/97

C-108
Well Data

COMMENTS / RECOMMENDATIONS

- III A(3) Tubing to be used: 2 7/8" 6.5 # J-55 Tubing will be set at approximately 4900 feet.
No liner will be used.
- III A(4) A Baker Model R Packer will be used and will be set approximately 6' below the tubing (approx 4906)
- III B(1) The Upper Delaware (Ramsey sand) will be the injection formation Pool Name: Dagger Lake, Delaware
- III B(2) The existing perforations from 4951-56, 4962-85 will be used.
- III B(3) Well was originally drilled as an oil well.
- III B(4) No other zones were perforated in this well.
- III B(5) There is no shallower production within 2 miles of this well.
The next deeper production is the lower Delaware (Brushy Canyon) at approx. 8800' in the Red Tank Field (3 miles SW)
The Bone Spring produces from 9426-11551 a mile to the NW in the Amtex Energy Dagger Lake State #2 well (Sec. 6)
Nearest offset producer: 1/2 Mile NW - EOG Resources Dagger 5 State Com #1 TD: 14874
Completed 4/2006 Morrow Gas well - Perfs: 14686-724
- VII 1 Proposed average and maximum daily rates of injection: Ave - 2000 BWPD Max - 3000 BWPD
- VII 2 System will be closed.
- VII 3 Proposed average and maximum injection pressure: Ave - ~~800~~ psi Max - ~~1237~~ psi
- VII 4 Ave Chl for Upper Delaware sands: 140,000-160,000 (Analyses attached - Source: Roswell Geol. Society Fields Book)
Ave Chl for Lower Delaware sands: 140,000-160,000 (Analyses attached - Source: Roswell Geol. Society Fields Book)
- VII 5 Water Analysis taken 10/7/1992 from current perfs in Dagger Lake State 5 #1 indicate Ramsey formation water -
Chlorides were 143,458 (Analysis attached) Well watered out (Cum water produced was 95.6 MBW)
- VIII. Geological data on injection zone is attached for your reference
Approximately 6 miles North (Sec. 2, T-21-S, R-33-E) - Santa Rosa water @ 1150' Copy of NM WAIDS attached.
Approximately 4 miles Northwest (Sec. 18, T-21-S, R-33-E) Ogalalla water @ 150' Copy of NM WAIDS attached.
Approximately 3 miles NNE (Sec. 28, T-21-S, R-33-E) Chinle (?) water @ 224' Copy of NM WAIDS attached.
Estimated Depth to Ground Water is 350 feet - in the Santa Rosa
- IX. No additional stimulation is proposed at this time.
- X. Logging and test data are already on file at the NMOCD.
- XI There are no water wells within 1 mile of the proposed injection well..
Water analysis from a surface stock tank approx 1/4 mile NNE is attached. (Smpl taken 6/4/2008)

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

PUBLISHER

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

of 1

 weeks.

Beginning with the issue dated

June 13 2008

and ending with the issue dated

June 13 2008

Kathi Bearden

PUBLISHER

Sworn and subscribed to before

me this 13th day of

June 2008

[Signature]

Notary Public.

My Commission expires
February 07, 2009
(Seal)



OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: _____

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

7-3418-7

LEGAL NOTICE
June 13, 2008

NOTICE OF COMMERCIAL DISPOSAL APPLICATION

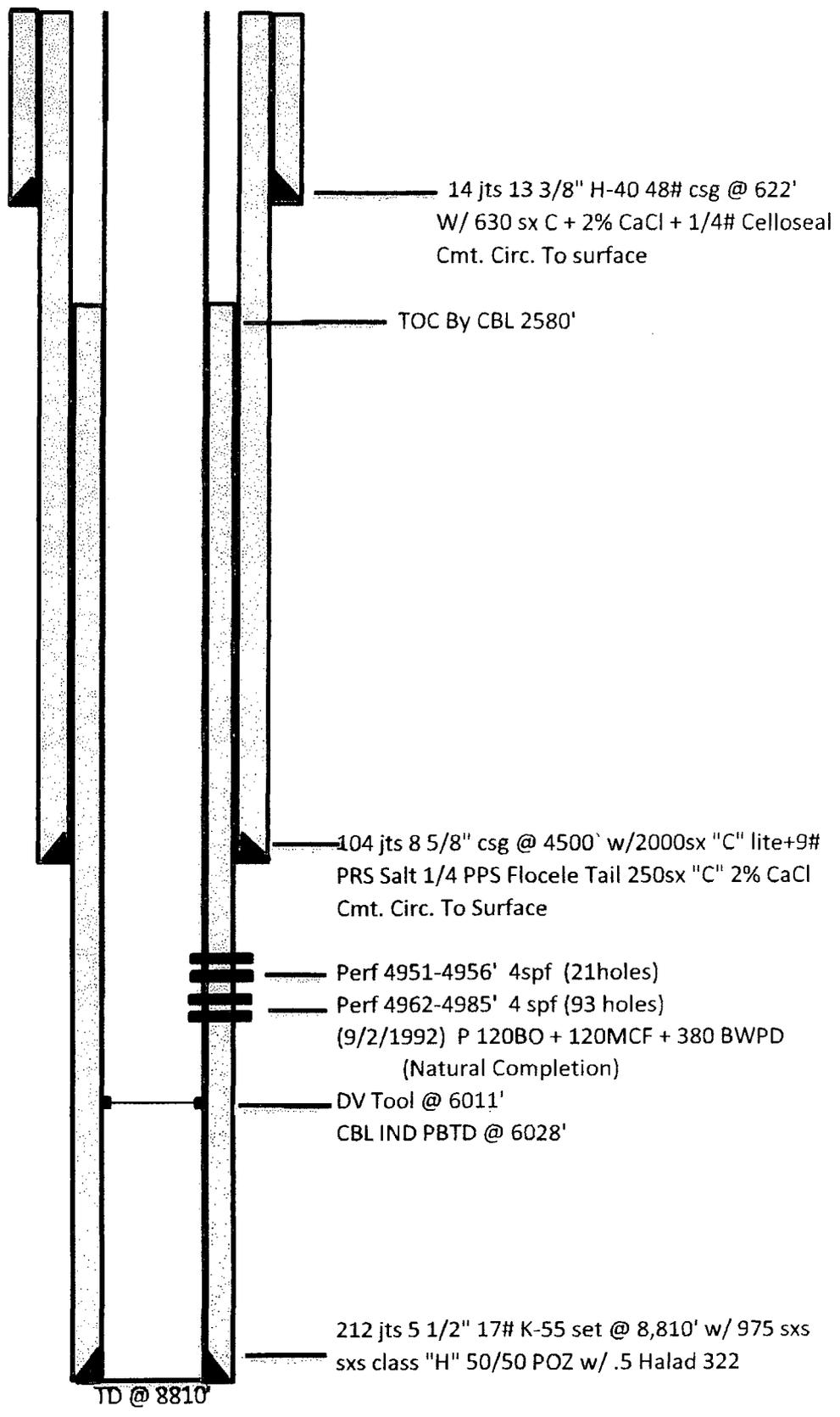
Amtex Energy, Inc., c/o P.O. Box 953, Midland, TX 79702 will file the New Mexico Oil Conservation Division Form C-108 Application for Authorization to Inject, with the NMOCD seeking administrative approval for commercial water injection/disposal into their Dagger Lake State 5 Well #1, located 330' FSL & 1980' FEL of Sec 5, T22S, R33E, Lea County, NM. The proposed injection interval is from 4951' to 4985'. The proposed maximum surface pressure is 1237 psi, with a maximum injection rate of 3000 bbls water per day. The injection water will be sourced from the Brushy Canyon formation at 8800' Morrow at 14000' and produced water from various area operators.

All interested parties opposing the application must file objection with the New Mexico Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505 within 15 days of this notice. Additional information can be obtained by contacting Ann Ritchie, Regulatory Agent, Amtex Energy, Inc., c/o P.O. Box 953, Midland, TX 79702, (432) 684-6381.

#24124

67100851000 67551428
WEST TEXAS OIL REPORTS
PO BOX 953
MIDLAND, TX 79702

OPERATOR: Amtex Energy	NAME OF LEASE: Dagger Lake "5" State	WELL: No. 1
LOCATION: 330' FSL & 1980' FEL Sec. 6, T-22-S. R-33-E, Lea County, New Mexico		



Submit to Appropriate
 District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brancos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERIDIAN OIL, INC.			Lease DAGGER LAKE STATE		Well No. 1
Unit Letter 0	Section 5	Township 22 SOUTH	Range 33 EAST	NMPM	County LEA
Actual Footage Location of Well: 330 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev. 3646.8'	Producing Formation Delaware		Pool Wildcat	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

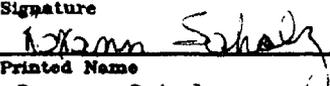
Yes No If answer is "yes" type of consolidation _____

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

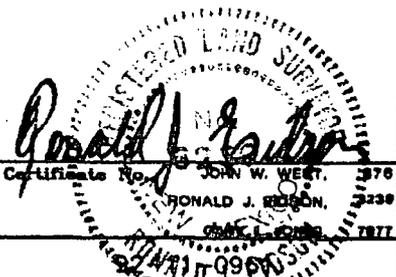
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

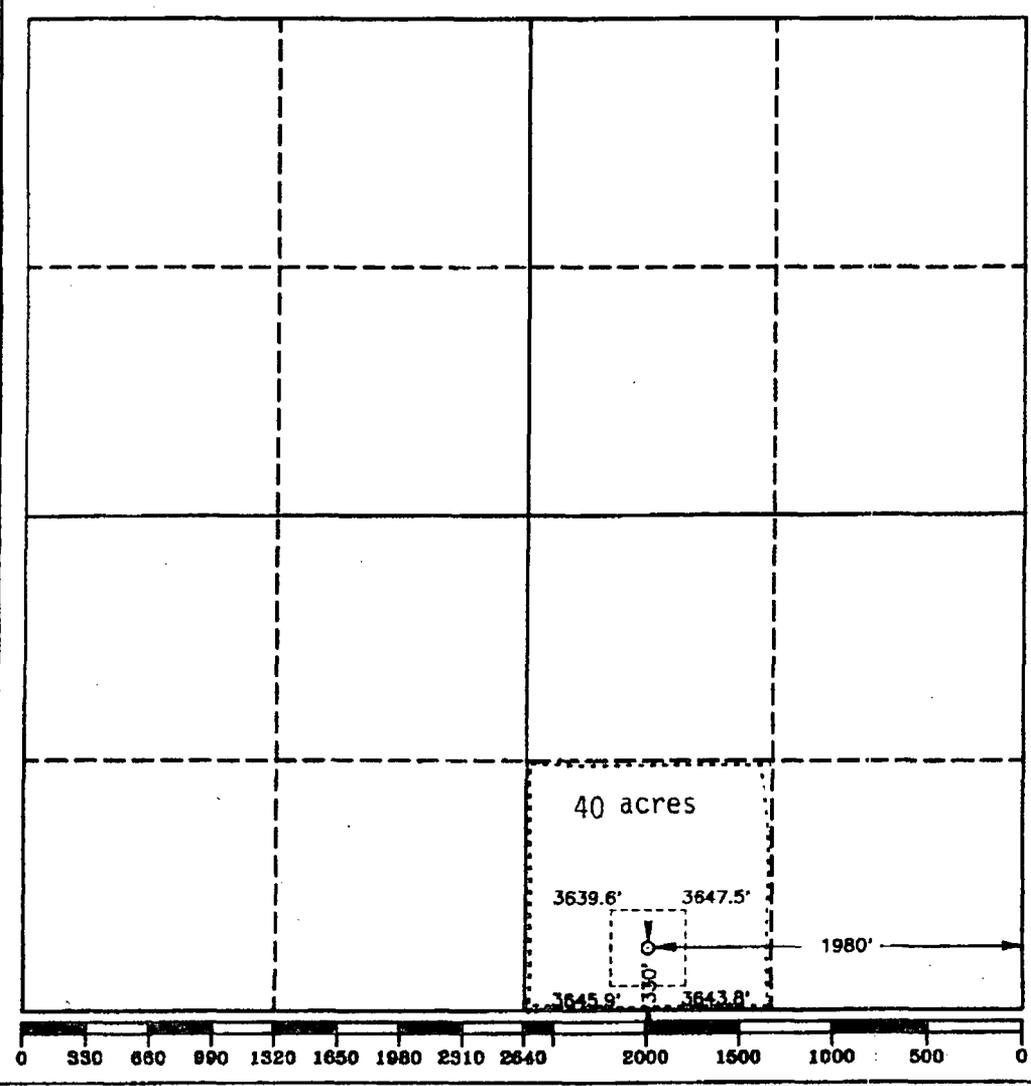
Signature

 Printed Name
 Roxann Scholz
 Position
 Prod Asst
 Company
 Meridian Oil Inc
 Date
 7/20/92

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
 JULY 11, 1992
 Signature & Seal of
 Professional Surveyor


 Certificate No. JOHN W. WEST. 276
 RONALD J. REISON. 2230
 7877



Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-105
 Revised 1-1-89

OIL CONSERVATION DIVISION
 P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

WELL API NO.
 30-025-31653

5. Indicate Type of Lease
 STATE FEB

6. State Oil & Gas Lease No.
 V-2387

7. Lease Name or Unit Agreement Name
 DAGGER LAKE STATE

8. Well No.
 1

9. Pool name or Wildcat
 WILDCAT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
 OIL WELL GAS WELL DRY OTHER _____
 b. Type of Completion:
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR OTHER _____

2. Name of Operator
 MERIDIAN OIL INC.

3. Address of Operator
 P.O. Box 51810, Midland, TX 79710-1810

4. Well Location
 Unit Letter 0; 330 Feet From The SOUTH Line and 1980 Feet From The EAST Line
 Section 5 Township 22-S Range 33-E NMPM LEA County

10. Date Spudded 7-30-92 11. Date T.D. Reached 8-26-92 12. Date Compl. (Ready to Prod.) 8-29-92 13. Elevations (DF& RKB, RT, GR, etc.) 3646.8'GR 14. Elev. Casinghead

15. Total Depth 8810' 16. Plug Back T.D. 8763' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools O-TD

19. Producing Interval(s), of this completion - Top, Bottom, Name 4951-4985 DELAWARE 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run DLL/MSFL-CNL/LDT 22. Was Well Cored NO - ROTARY SIDEWALL CORES ONLY

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	622'	17-1/2"	630SXS "C"	200SXS
8-5/8"	28#	4486'	12-1/4"	2250SXS "C"	300SXS
5-1/2"	17#	8810'	7-7/8"	1675SXS "H" 50-60POZ	TOC@2580'
					CBL

24. LINER RECORD **25. TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	5080'	

26. Perforation record (interval, size, and number)
 4951 - 4956', 4 SPF, 21 HOLES
 4962 - 4985', 4 SPF, 93 HOLES

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
 NONE

28. PRODUCTION

Date First Production 9/2/92 Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2"X2-1/4"X20' TBG. PUMP Well Status (Prod. or Shut-in) PROD

Date of Test 10/6/92 Hours Tested 24HRS Choke Size Prod'n For Test Period Oil - Bbl. 120 Gas - MCF 120 Water - Bbl. 380 Gas - Oil Ratio 1000/1

Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.) 42°

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By

30. List Attachments C-103, C-104, inclination report, 2-sets of logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Maria L. Perez Printed Name MARIA PEREZ Title PROD. ASST. Date 10/21/92

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1130'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1265'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>3525'</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand <u>4910'</u>	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs <u>8745'</u>	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	1130	1130	RED BEDS				
1130	1265	135	ANHY.				
1265	3525	2260	SALT & ANHY.				
3525	4635	1110	ANHY.				
4635	4910	275	LIMESTONE & DOLOMITE				
4910	8745	3835	SANDSTONE				
8745	TD 8810	65'	LIMESTONE & SHALE				

RECEIVED
 OCT 26 1992
 OCD HOBBS

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-31653
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 19207
7. Lease Name or Unit Agreement Name: Dagger Lake 5 State
8. Well No. 1
9. Pool name or Wildcat Dagger Lake Delaware

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
 Amtex Energy, Inc.

3. Address of Operator
 P. O. Box 3418, Midland, Texas 79702

4. Well Location
 Unit Letter 0 : 330 feet from the South line and 1980 feet from the East line
 Section 5 Township 22S Range 33E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
 KB 3661'

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPLETION <input type="checkbox"/>	OTHER: <u>Temporarily Abandon</u> <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

- MIRU Black Warrior Wireline Corp's Wireline Truck.
- RIH and set CIBP @ 4910' and cap with 35' of cement.
- RD Wireline Truck x MIRU Maclaskey kill truck.
- Load casing with water and pressure test to 500 psi and record on a chart recorder for 30 minutes (see attached chart).
- Temporarily abandonment complete and Well Shut-In.

This Approval of Temporary Abandonment Expires 8/14/09

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE William J. Savage TITLE President

DATE 8/16/04

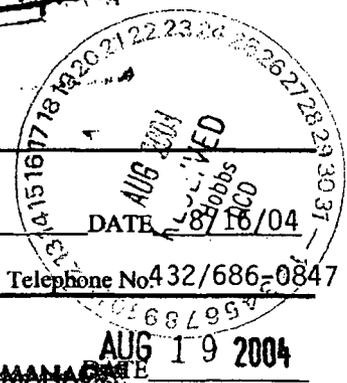
Type or print name William J. Savage

Telephone No 432/686-0847

(This space for State use)

APPROVED BY Lucy W. Wink DISTRICT REPRESENTATIVE / STAFF MANAGER

Conditions of approval, _____



PROPOSED WATER DISPOSAL WELL

AMTEX ENERGY, INC
DAGGER LAKE STATE 5 #1
330 FSL & 1980 FEL
Sec. 5, T-22-S, R-33-E
Lea County, New Mexico

Wells Within The Area Of Review That Penetrated The Proposed Injection Zone

EOG Resources

API: 30-025-37630

Bootleg Ridge, Morrow

Dagger Lake 5 State Com #1

1980 FSL & 1650 FWL

Sec 5(K), T-22-S, R-33-E

TD: 14874 (Morrow)

Type: Morrow Gas Well

Completed: 9/11/2006

IP: F 418 MCFGPD Perfs: 14686-724

Construction: 17" Hole drilled to 1390

13 3/8" 54.5# J55 Casing set @ 1390 w/ 740 sacks - cement circulated ✓

12 1/4" hole drilled to 5440

9 5/8" 40# J55 and HCK 55 Casing set @ 5440 w/ 1700 sacks - cement circulated

8 3/4" hole drilled to 12180

7" 26# HCP 110 Casing set @ 12180 w/ 1178 sacks - cement circulated to surface

4 1/2" 13.5# P110 Liner set @ 14850 w/ 450 sacks - TOL @ 11882

A

AMTEX Energy, Inc. (Meridian)

API: 30-025-31653

Dagger Lake, Delaware

Proposed Injection Well

Dagger Lake State 5 #1

330 FSL & 1980 FEL

Sec. 5 (O), T-22-S, R-33-E

TD: 8810 (Delaware)

Type: Upper Delaware Oil Well

Completed: 8/29/1992

IP: P120 BO + 120 MCFG + 380 BWPD

Well T & A 8/1997

Construction: See attached Tabular Well Data.

(See attached Schematic)

Dual Drilling Company

API: 30-025-01794

Wildcat

Richardson and Bass State #1

660 FSL & 330 FEL

Sec. 5 (P), T-22-S, R-33-E

TD: 6065 (Delaware)

Type: Dry Hole

Completed: 8/19/1960

(continued next page)

P

Construction: Surface hole size not reported
8 5/8" Casing Set @ 324' w/ 350 Sacks - ETOC - circulated
Open hole size not reported - drilled to 6065
Subsequently plugged back to 4150'
4 1/2" Casing Set @ 4150 w/100 sacks - ETOC-3150
(See attached Schematic)

Meridian Oil Company

API: 30-025-32830

Dagger Lake, Delaware

Dagger Lake 8 Federal #2
330 FNL & 2310 FEL
Sec. 8 (B), T-22-S, R-33-E
TD: 5150 (Upper Delaware)
Type: Dry Hole
Completed: 1/27/1995

Construction: 12 1/4" Surface hole drilled to 622'
8 5/8" 28# Casing set @ 622' w/375 sacks - circulated to surface
Size of hole from 8 5/8" casing - not reported
Well was TD'd at 5150'
No long string casing was run as well was a dry hole.

(See attached Schematic)

P

Meridian Oil Company

API: 30-025-31885

Dagger Lake, Delaware

Dagger Lake 8 Federal #1
660 FNL & 1980 FWL
Sec. 8 (C), T-22-S, R-33-E
TD: 5150 (Upper Delaware)
Type: Dry Hole
Completed: 1/27/1993

Construction: 12 1/4" Surface hole drilled to 633'
8 5/8" 28# Casing set @ 633' w/ 375 sacks - circulated to surface
7 7/8" hole drilled to 5150
No long string casing was run as well was a dry hole.

(See attached Schematic)

P

PROPOSED WATER DISPOSAL WELL

AMTEX ENERGY, INC
DAGGER LAKE STATE 5 #1
330 FSL & 1980 FEL
Sec. 5, T-22-S, R-33-E
Lea County, New Mexico

Lessees Within A 2 Mile Radius of The Proposed Disposal Well

Section 5, T-22-S, R-33-E (State Land - Minerals and Surface)

S/2 Nearburg, et al (HBP) - See attached data from State Land Office

N/2 J Bar Cane (HBP) - See attached data from State Land Office

Surface lease - Merchant Livestock, Inc -- See attached data from State Land Office

Section 32, T-21-S, R-33-E (State Land - Minerals and Surface)

All Verified Open - See attached data from State Land Office

Section 33, T-21-S, R-33-E (Federal Land - Minerals; Merchants Livestock, et al - Surface)

All MRL Partners, et al - Mailing address from State Land Office attached

Devon, et al - Mailing address from State Land Office attached

Section 34, T-21-S, R-33-E (Federal Land - Minerals; R. M. Richardson - Surface)

SW/4 Devon, et al

MRL Partners, et al

Section 4, T-22-S, R-33-E (Federal Lands - Minerals; State Lands - Surface for N/2 N/2)

N/2 N/2 Devon - Mailing address from State Land Office attached

S/2 N/2 and all S/2 Chesapeake Mailing address from State Land Office attached

Devon

Section 3, T-22-S, R-33-E (Federal Lands - Minerals; Merchant Livestock - Surface)

N/2 N/2 Devon

S/2 N/2 and all S/2 Chesapeake and Devon

Section 9, T-22-S, R-33-E (Federal Lands - Minerals)

All Chesapeake and Devon

Section 10, T-22-S, R-33-E (Federal Lands - Minerals, State - Surface)

N/2 N/2 Open Acreage

S/2 N/2 and N/2 S/2 Brunson & McKnight - Mailing address from State Land Office attached

Amoco (1/4) - but Amoco has since been bought out

(Possibly BP America - Mailing address attached)

S/2 S/2 Open Acreage

Section 15, T-22-S, R-33-E (Federal Lands - Minerals, State - Surface)

N/2 NW/4 Brunson & McKnight

SW/NW Gas Well Services, Inc - Mailing address from State Land Office attached

Section 16, T-22-S, R-33-E (State Lands - Minerals)

N/2 N/2, NW/SE, and NW/SW Conoco-Phillips - Mailing address from SLO attached
S/2 N/2, NE/SW, and S/2 SW Allar Company - Mailing address from SLO attached

Section 17, T-22-S, R-33-E (Federal Lands - Minerals; State Lands - Surface)

E/2 Allar Company
W/2 Oxy, USA (Bought Pogo's Properties) - Mailing address from SLO attached

Section 18, T-22-S, R-33-E (State Lands - Minerals)

All Oxy USA

Section 8, T-22-S, R-33-E (Federal Lands - Minerals; Merchant Farms - Surface Lease)

N/2, SE/4, and NE/SW Devon and Chesapeake
NW/SW and S/2 SW/4 Chesapeake

Section 7, T-22-S, R-33-E (State Lands - Minerals)

All Oxy USA

Section 13, T-22-S, R-33-E (Federal Lands - Minerals)

NE/NE Oxy USA

Section 12, T-22-S, R-33-E (Federal Lands - Minerals)

E/2 COG Oil and Gas Mailing address from State Land Office attached

Section 1, T-22-S, R-33-E (Federal Lands - Minerals)

SE/4 Echo Production Mailing address from State Land Office attached
NE/4 Lobos Energy Mailing address from State Land Office attached

Section 6, T-22-S, R-33-E (State Lands - Minerals and Surface)

NOTE: Surface Leased to Merchant Farms, Inc. Mailing address from SLO attached
NW/4 Oxy USA
E/2 and SW/4 Amtex Energy, Inc. (see attached data from SLO)

Section 36, T-21-S, R-32-E (Federal Lands - Minerals)

All The Allar Companies Mailing address from State Land Office Attached

Section 31, T-21-S, R-33-E (State Lands - Minerals)

All Amtex Energy, Inc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
NM-70343

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Dagger Lake "8" Fed. #1

9. API Well No.
30-025-31885

10. Field and Pool, or Exploratory Area
Dagger Lake Delaware

11. County or Parish, State
Lea

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Meridian Oil Inc.

3. Address and Telephone No.
P.O. Box 51810, Midland, TX 79710-1810 915-688-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
C, 660' FNL & 1980' FWL
Sec. 8, T22S, R33E

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2-6-93 - Set first plug, btm @4911', 58 sxs class "C" w/2% CaCl.
woc 4.25 hrs.
tag plug top @4736'
set second plug from 1160'-1060', 42 sxs class "C" w/2% CaCl.
pump 3rd plug from 682'-500' w/42 sxs class "C" w/2% CaCl.
WOC 4 hrs.
tag top of 3rd plug @584'
pump surf. plug @60' w/17' sxs. class "C"

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Production Assistant Date 2-17-93

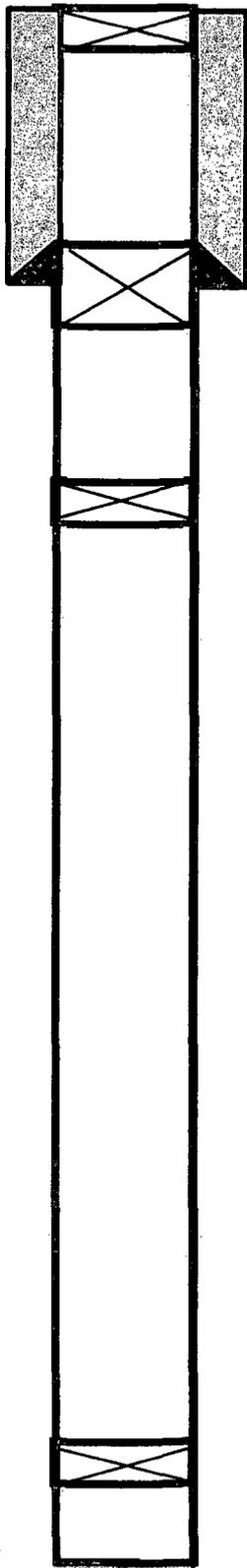
(This space for Federal or State office use)
Orig. signed by Adam Salameh PETROLEUM ENGINEER

Approved by _____ Title _____ Date 3/1/93
Conditions of approval, if any:

OPERATOR: Meridian Oil Inc.

NAME OF LEASE: Dagger Lake '8' FED Well: No. 1

LOCATION: 660' FNL & 1980' FWL, Sect. 8, T-22-S, R-33-E Lea County, New Mexico



60'-SURF 17 sx class "C" cmt.

14 jts. 8 5/8 csg set @ 633'

cmt. W/375 sx class "C" w/2% CaCl₂. circ. 115 sx
682-584' 42 sx class "C"

1160-1060' 42 sx class "C"

4911-4736' 58 sx class "C"

TD @ 5150'



Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

MERIDIAN OIL INC.

3. Address and Telephone No.

P.O. Box 51810, Midland, TX 79710-1810 915-688-6943

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

~~BC 660 FNL & 1980 FWL~~ 330W & 230E
SEC. 8, T22S, R33E

NM 17L CONS. COMMISSION
P.O. BOX 1980
MORRIS NEW MEXICO 88240
APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 70343

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

DAGGER LAKE '8' NO. 2
FEDERAL

9. API Well No.

30-025-32838 0

10. Field and Pool, or exploratory Area

DAGGER LAKE DELAWARE

11. County or Parish, State

LEA NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other PLUG AND ABANDON
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WELL WAS A DRY HOLE. REQUESTED APPROVAL ON JANUARY 27, 1995 TO PLUG AND ABANDON THE WELL. NOTICE OF INTENT (3160-5) WAS FAXED TO ADAM SALAMEH AND THE BELOW LISTED PROCEDURES WAS APPROVED.

TOPS: 4910' DELAWARE
3535' BASE OF SALT
1215' TOP OF SALT/SALADO
1080' RUSTLER
622' SURF. CSG SHOE

PLUGS: 40 SXS 4860'-4960' (TAG)
49 SXS 3585'-3485'
43 SXS 1265'-1165'
30 SXS 672'-572' (TAG)
10 SXS 50' - SURF.

RECEIVED
APR 4 11 38 AM '95
CARE
ARFZ
EERS

14. I hereby certify that the foregoing is true and correct

Signed

Title

REGULATORY ASSISTANT

Date

3/31/95

(This space for Federal or State office use)

Approved by

Orig. signed by Adam Salameh

Title

Petroleum Engineer

Date

6/6/95

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

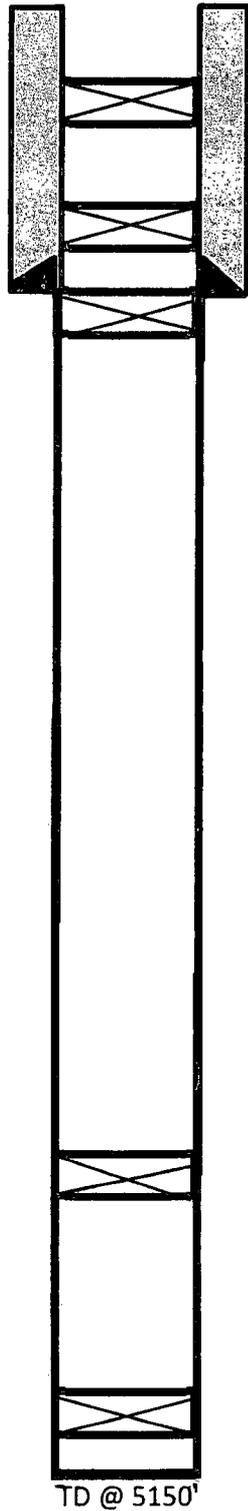
* See Instruction on Reverse Side

NOT
P.L.

OPERATOR: Meridian Oil Inc.

NAME OF LEASE: Dagger Lake '8' FED Well: No. 2

Location: 330' FNL & 2310' FEL Sec. 8 T-22-S, R-33-E Lea County, New Mexico



CMT Plug (16 sx) @ 63'

Tag Plug @ 510'

8 5/8 28# csg @ 622' CMTED W/375 sx
class "C" + 2% CaCl₂ + .25 PPS Celloflake Circ.

CMT Plug (35sx) @ 661'

CMT Plug (50sx) @ 3580'

CMT Plug (50 sx) @ 4969' ✓

TD @ 5150'

DUPLICATE

NEW-MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company DUAL DRILLING COMPANY		Address 606 City Nat'l Bldg. Wichita Falls, Tex.				
Lease Richardson & Bass St.	Well No. 1	Unit Letter F	Section 5	Township 22S	Range 33E	
Date Work Performed 8/19/60	Pool Wildcat		County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (Explain):
 Plugging
 Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

P&A 8/19/60 Cut and recovered 3150' 4-1/2" csg (left 100' 3150-4150')

Plugs as follows:

- 5 ex from 3670-80'
- 25 ex across stub of 4-1/2" at 3150'
- 25 ex 1537-1650'
- 25 ex 324-350' across surface csg
- 10 ex in surface w/regulation marker

Location will be cleaned and levelled and Commission notified

Witnessed by S. O. Lamb	Position Toolpusher	Company Dual Drilling Company
-----------------------------------	-------------------------------	---

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

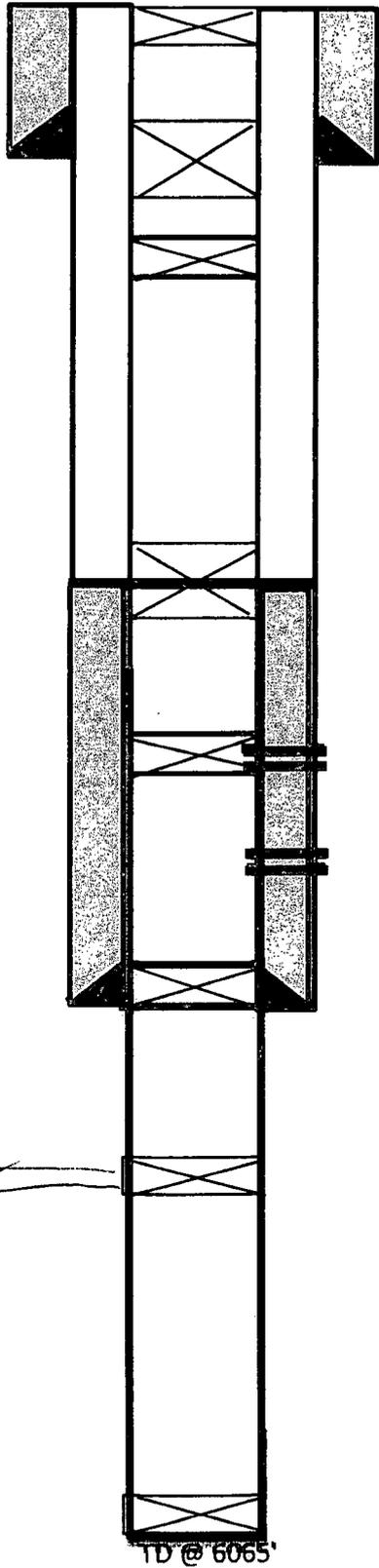
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge. <i>[Signature]</i>	
Approved by <i>Leslie A. Clements</i>	Name Agent		
Title Oil & Gas Inspector	Position		
Date OCT 10 1960	Company DUAL DRILLING COMPANY		

OPERATOR: Dual Drilling Company	NAME OF LEASE: Richard and Bass St. Well: No.1
LOCATION: Sec. 5, T-22-S, R-33-E, Lea County, New Mexico	



10sx in surface w/regulation marker

8 5/8 @ 324' W/ 350 sx-Circ.

Plug- 25sx from 324-350' across surface csg

25sx from 1537-1650'

Cut csg @ 3150'

25sx across stub

5 sx from 3670-80'

Perfs 3669-78' (18 holes)

(8/10/60)

Perfs 3784-94' (20 holes)

NSOG (8/17/60)

4 1/2" csg 9.5# at PBTC @ 4150' w/100

sx cmt, cmt. past base of salt (ETOC-3150')

Plug-50 sx from 4350-4150 Total PBTD 4150'

25sx 4990-4577'

Info

25sx 6065-5988'

TD @ 6065'

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

District I
1625 N. French, Hobbs, NM 88240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL APT NO. 30-025-37630
5. Indicate Type Of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name Dagger 5 State Com
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____	
2. Name of Operator EOG Resources Inc.	8. Well No. 1
3. Address of Operator P.O. Box 2267 Midland, Texas 79702	9. Pool name or Wildcat Bootleg Ridge; Morrow (Gas)

4. Well Location
Unit Letter **K** : **1980** Feet From The **South** Line and **1650** Feet From The **West** Line
Section **5** Township **22S** Range **33E** NMPM Lea County

10. Date Spudded 2/7/06	11. Date T.D. Reached 3/24/06	12. Date Compl. (Ready to Prod.) 9/11/06	13. Elevations (DF & RKB, RT, GR, etc.) 3649 GR	14. Elev. Casinghead
15. Total Depth 14874	16. Plug Back T.D. 14822	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By X	Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 14686 - 14724 Morrow				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run			22. Was Well Cored No	

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.50	1390	17 1/2	740 POZ; 285 C	
9 5/8	40	5440	12 1/4	1700 POZ, 200 C	
7	26	12180	8 3/4	853 Litecrete	
				325 Lightweight	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE Per SW	DEPTH SET	PACKER SET
4 1/2	11882	14850	450		2-378 3 1/2	11867	
					2-172 2 3/8	14624	14624

26. Perforation record (interval, size, and number) 14686 - 14724	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	14684 - 14724	Frac w/ 1516 bbls slick water; 44600 lbs 20/40 Interprop; 155 Tons CO2

28. PRODUCTION

Date First Production 9/11/06	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing					
Date of Test 9/13/06	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 418	Water - Bbl 0	Gas - Oil Ratio
Flow Tubing Press. 510	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By
---	-------------------

30. List Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Stan Wagner* Printed Name **Stan Wagner** Title **Regulatory Analyst** Date **9/14/06**

Amtex Energy, Inc.

Dagger Lake State 5, Well #1
Section 5, T22S, R33E, Lea County, NM

Surface Owner:

Merchant Livestock, Inc. P.O. Box 1166, Carlsbad, NM 88220

Offset Operators:

Nearburg Exploration Company, LLC, 3300 North A St., Bldg 2, Suite 120, Midland, TX 79705
Chesapeake Exploration, LP, Box 18496, Oklahoma City, OK 73154
Devon Energy Production Co., LP, 20 N. Broadway, Oklahoma City, OK 73102
Oxy USA, Inc., Box 4294, Houston, TX 77210
J Bar Cane, Box 16, Stanley, NM 87056

Copies of the Form C-108, Well Data Sheets and map have been sent to the above stated parties on this the 20th of June, 2008, *by certified mail, OK*



Ann E. Ritchie, Regulatory Agent
Amtex Energy, Inc.

Amtex Energy, Inc.
Dagger Lake State 5, Well #1
Section 5, T22S, R33E, Lea County, NM

Oil Conservation Division
Form C-108

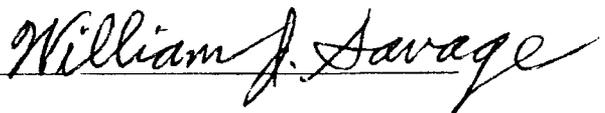
Geological Statement

Dagger Lake State 5 #1
330 FSL & 1980 FEL
Section 5, T-22-S, R-33-E
Lea County, New Mexico

C-108 Application for Water Disposal Well

XII. I, William J. Savage, as Engineer and Owner of Amtex Energy, Inc., affirm that I have examined available geological and engineering data and find no evidence of open faults or any hydrologic connection between the disposal zone and any underground sources of drinking water.

Name: William J. Savage

Signature: 

Date: June 10, 2008

Amtex Energy, Inc.
Dagger Lake State 5, Well #1
Section 5, T22S, R33E, Lea County, NM

Oil Conservation Division
Form C-108

Water Analysis

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. Joe Small LABORATORY NO. 99293
P. O. Box 51810, Midland, TX 79710 SAMPLE RECEIVED 9-16-92
RESULTS REPORTED 9-18-92

COMPANY Meridian Oil Company LEASE Dagger Lake #1
FIELD OR POOL Wildcat
SECTION S BLOCK T225 SURVEY R 33E COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

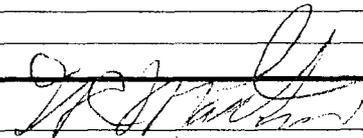
NO. 1 Recovered water - taken from Dagger Lake #1. 9-9-92
NO. 2 _____
NO. 3 _____
NO. 4 _____

REMARKS: Delaware

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1462			
pH When Sampled				
pH When Received	6.26			
Bicarbonate as HCO ₃	146			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	50,500			
Calcium as Ca	18,000			
Magnesium as Mg	1,336			
Sodium and/or Potassium	68,483			
Sulfate as SO ₄	947			
Chloride as Cl	140,618			
Iron as Fe	90.0			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	229,531			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	0.053			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Total Dissolved Solids @ 180°C.	184,361			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks We see a substantial change in the characteristics of water being recovered from this well as compared to the sample taken 9-2-92 and reported on laboratory #99210. Based on a comparison with our Delaware records in the general area of this well, the above water is indicated to be predominantly Delaware.

By 
Waylan C. Martin, M.A.

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. Joe Small LABORATORY NO. 109237
P. O. Box 51810, Midland, TX 79710 SAMPLE RECEIVED 10-7-92
 RESULTS REPORTED 10-9-92

COMPANY Meridian Oil Company LEASE Dagger Lake
 FIELD OR POOL _____ WILDCAT _____
 SECTION 5 BLOCK T225 SURVEY R33E COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:
 NO. 1 Recovered water - taken from Dagger Lake #1. 10-2-92
 NO. 2 _____
 NO. 3 _____
 NO. 4 _____

REMARKS: Delaware

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1500			
pH When Sampled				
pH When Received	5.08			
Bicarbonate as HCO ₃	49			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	57,500			
Calcium as Ca	17,400			
Magnesium as Mg	3,402			
Sodium and/or Potassium	66,920			
Sulfate as SO ₄	636			
Chloride as Cl	143,458			
Iron as Fe	120			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	231,865			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	0.052			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Total Dissolved Solids @ 180°C.	205,580			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks As compared to water recovered from this well on 9-9-92 and reported on laboratory #99293, we see a slight variation in salt levels (particularly magnesium). However, the water has basically the same characteristics as previously seen, indicating this to be predominantly Delaware water.

By Waylan C. Martin, M.A.

ROSWELL GEOLOGICAL SOCIETY SYMPOSIUM

9 miles SSW
UPPER Delaware

Author: G. E. Harrington
Affiliation: John Trigg Company
Date: October 15, 1966

Field Name: Triste Draw
Location: Secs. 26, 34, 35, T-23-S, R-32-E
County & State: Sec. 2, T-24-S, R-32-E
Lea County, New Mexico

Discovery Well P—M Drilling Company and Texaco, Inc. #1 Federal James, NE/4 NE/4
Section 35, T-24-S, R-32-E
Completed 2/14/61

Exploration Method Leading to Discovery: Subsurface

Pay Zone: 5062-5066

Formation Name: Delaware Ramsey sd Depth & Datum Discovery Well: 5062 (-1359)

Lithology Description: Sandstone, gray, very fine grained, clean, friable, calcareous, with dark gray to black shale stringers and random fractures

Approximate average pay: _____ gross 7.5 net Productive Area 480 acres

Type Trap: Stratigraphic - sand build-up with surrounding permeability barrier, possible hydrodynamic entrapment.

Reservoir Data:

25 % Porosity, 80 Md Permeability, 48 % Sw, 12 % So

Oil: API Gravity 40° @ 60° F

Gas: Specific gravity - 0.85

Water: 75,562 Na+K, 21,200 Ca, 2912 Mg, 159,000 Cl, 625 SO₄, 18 HCO₃, 34 Fe

Specific Gravity 1.160 Resistivity _____ ohms @ _____ °F

Initial Field Pressure: NA psi @ _____ datum Reservoir Temp. 106 °F

Type of Drive: solution gas

Original Chlorides
159,000

Normal Completion Practices: Wells are drilled and pay is cored with rotary tools. The production string of casing is set through the pay and cemented. The casing is selectively perforated, and wells are swabbed in for flowing potentials.

Type completion: Natural - flowing wells Normal Well Spacing 40 Acres
are subsequently converted to pump after first few months of production.

Deepest Horizon Penetrated & Depth: Devonian 17,280 (-13,589)

Other Producing Formations in Field: Delaware "Olds" sand

Production Data: * Complete through June 1966

YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF		YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF	
		Prod.	S.I. or Abd.	ANNUAL	CUMULATIVE			Prod.	S.I. or Abd.	ANNUAL	CUMULATIVE
1961	OIL	4		34,006	34,006	1965	OIL	12		40,642	288,416
	GAS			33,688	33,688		GAS			57,288	200,159
1962	OIL	9		93,582	127,588	1966	OIL	12		18,109	306,525
	GAS			47,159	80,847		GAS			24,573	224,732
1963	OIL	9		72,993	200,581		OIL				
	GAS			29,362	110,209		GAS				
1964	OIL	9		47,193	247,774		OIL				
	GAS			32,722	142,931		GAS				

RED TANK, WESTLee Catalano
Meridian Oil2-3 miles SW
LOWER DELAWARE**FIELD LOCATION:** Secs 14, 22, 23, 26, 27, 28, 34, 35, T-22-S, R-32-E, Lea County, New Mexico**EXPLORATION METHODS LEADING TO DRILLING OF DISCOVERY WELL:** Subsurface Geology**PRESENT STATUS OF FIELD:** Primary Production**DISCOVERY WELL:** POGO, Federal "27" #1, SESW Sec 27, T-22-S, R-32-ECompletion Date 8/23/92 Total Depth 8850' Producing Interval 8330-8391'Initial Production 50 BOPD + 64 MCFGPD + 200 BWPDProducing Formation Delaware (Brushy Canyon)**OLDEST FORMATION PENETRATED:** Morrow**FLUID DATA:**Oil: Type Sweet Gravity 42.3° @ °F G.O.R. 1060Gas: Analysis (percent) Methane _____ Gravity .830 BTU 1.39 /cu.ft.Original Water: ppm Na + K 55,634 Cl 140,870 Other _____Resistivity .050 Ohms @ 75 °F R_w .030 @ BHT← ORIGINAL
CHLORIDES
140,870**RESERVOIR DATA:**

Nature of trap: Porous submarine lobe SS draped over pre-Permian structure.

Average Pay _____ Gross ft 35-40 Net ft _____

Lithology: Mass to laminated, very fine grained, well-sorted, arkosic, SS

Porosity 2.5 % to 19 % Permeability .01 md to 23 mdAverage Porosity 14.5 % Average Permeability 6.5 md Reservoir Sw 55-65 %Reservoir Drive Solution Gas Initial BHP 3617 @ 8385'Btm Hole Temp 120-130° F

Original O/W Contact _____ Original G/W Contact _____ Hydrocarbon Column, Ft. _____

COMPLETION DATA:Well Spacing 40 acres Proven area 1680 acres

Other producing reservoirs in field: Atoka, 1st Bone Spring SS, Delaware (Ramsey)

Normal Completion Program: Perf pay w/4 SPF 120° spinal phasing. Acidize w/45 gal per ft 7-1/2% NEFE
HCl + RCNBS. Frac w/27,000 gal 35# Borate gel plus 100,000# 20/40
Northern white sand @ 25 BPM.**PRODUCTION DATA:**

Best Well in Field: MERIDIAN OIL, Red Tank Federal #6, 29,128 BO + 28,614 MCFG in 5 months

YEAR	#WELLS @ YR-END		BBLS	MMCF
	PROD	SI/ABN		
1991				
1992	1		8,210	8,328
1993	7		85,874	91,351
EST 1994	36		631,921	724,027
TOTAL	36		726,005	873,296

C 108 - VIII

CONTENTS

INTRODUCTION

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APPENDIX

**FORMATION SENSITIVITY ANALYSIS:
 BELL CANYON DELAWARE
 (RAMSEY) SANDSTONE
 MERIDIAN OIL INC.
 DAGGER LAKE STATE NO. 1 WELL
 LEA COUNTY, NEW MEXICO**

Report Prepared For:

Mr. Joseph M. Small
 Meridian Oil Inc.
 3300 North A Street
 Midland, Texas
 79705

September 9, 1992



David K. Davies & Associates, Inc.

1410 Stonehollow Drive
 Kingwood, Texas 77339

(713) 358-2662

SUMMARY

The Ramsey sandstone reservoir zone in the Dagger Lake State No. 1 Well consists of very fine grained (0.08-0.10 mm), well sorted, moderately quartzose sandstones. The rocks contain 10 to 11 percent total cement by volume. The most abundant cementing agents in the sandstones are dolomite (non-ferroan, 4-6% by volume) and pore-lining authigenic clay (3-4% by volume). X-ray diffraction analysis reveals that the clay component of the rocks consists exclusively of the mixed layer clay corrensite (chlorite-smectite, 15% expandable smectite layers).

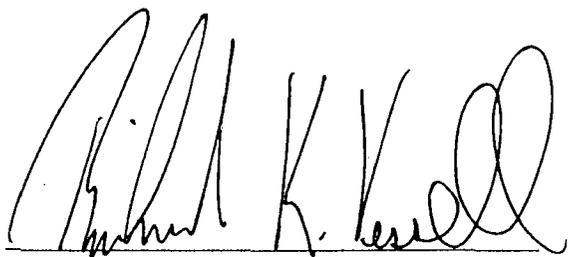
The sandstones have porosities in the range of 20 to 23 percent, virtually all of that is intergranular macroporosity. Microporosity is well developed within pore-lining corrensite clay coats. Despite dolomite and clay cementation, the rocks retain sufficient porosity (19-23% core porosity) and permeability (46.9-151 md) to contribute to fluid production at high rates.

The pore systems of the sandstones are capable of supporting high irreducible water saturations by capillary effects, a factor that could result in some induction log suppression and calculation of anomalously high S_w values over the Ramsey sand body.

Ramsey sandstones have minimal susceptibility to damage from clay swelling and clay particle migration effects promoted by rock contact with fresh water based or high pH fluids or from high fluid turbulence. Thus, it will be possible to successfully drill through this zone with either fresh water or brine based mud systems. Cements may be made up in fresh water. It will be possible to select completion and working fluids on the basis of fluid density rather than the ability of

the fluid to inhibit clay swelling or clay migration effects. Filtered (2 μm filtration recommended) brines such as potassium, calcium, and sodium chloride water are all compatible with the formation and could be used for these purposes.

Due to the lack of migratable clay fines, it will be possible to perforate underbalanced with a differential pressure in the range of 500-1000 psi without damaging the formation. Any residual cement, mud, or perforating damage may be removed by acidizing. As the reservoir rocks contain extensive pore-lining corrensite clay coats (rich in iron-bearing chlorite) care should be taken in acidizing to minimize problems associated with re-precipitation of secondary iron hydroxide compounds from spent acid. If acidization is performed for this purpose, we recommend use of 7.5 to 10% HCl acid containing nonionic surfactant, iron chelating, and mutual solvent additives. It will be desirable to recover the acid from the formation prior to complete spending if possible.



Richard K. Vessell, Ph.D.
Vice President-Operations



David K. Davies, D.Sc., Ph.D.
President
Certified Professional
Geologist No. 4188

Amtex Energy, Inc.

Closest Fresh water well

C-108
Digger Lake
State 5 #1

NM WAIDS

DATA

MAPS

HOME

SCALE

CORROSION

General Information About: Sample 2532			
Section/ Township/Range	28 / 21 S / 33 E	Lat/Long	32.4506 / -103.5778
Elevation	3688	Depth	224
Date Collected	11/2/1995	Chlorides	176
Collector / Point of Collection	SEO / DP	Use	Stock
Formation	CHINLE	TDS	0



3 MILES NNE

Amtex Energy, Inc.
Dagger Lake State 5, Well #1
Section 5, T22S, R33E, Lea County, NM

Oil Conservation Division
Form C-108

Data for operators/leaseholds within 2 mile radius

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, July 17, 2008 5:31 PM
To: 'Ann Ritchie'
Cc: Ezeanyim, Richard, EMNRD; Kautz, Paul, EMNRD; Warnell, Terry G, EMNRD; Kautz, Paul, EMNRD
Subject: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

Hello Ann:

Your application seems complete - sans the certified receipts from the notices (Please Send) - also the newspaper notice uses the wrong PO Box for Amtex (This is OK).

The issue here is this well is very near the Reef and the operator is proposing to use it as a Commercial Disposal well. The offsetting well to the east has the Reef marked on the log - yet all the lithology logs show this interval to be anhydrite - it looks very similar in the proposed well - although it is uphole.

Please ask the operator how it intends to ensure injection waters stay in the Ramsey sand and do not migrate into the Reef uphole and to the east?

Any permit issued here would likely be limited in injection pressure (no future increases allowed) require annual reporting to the engineering bureau in Santa Fe - an analyzed Falloff Test, Injection Rate and Pressure vs Time plot, and a Hall Plot. Please ask them if they are prepared to do this annual reporting?

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

Antex Energy, Inc.
 Dagger Lake State 5, Well #1
 Sec. 5, T22S, R33E, Lea County, TX

30-025-31653

Received 7/24/08

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Sent To Merchant Livestock, Inc.
 Street, Apt. No., or PO Box No. P.O. Box 1166
 City, State, ZIP+4 CARLSBAD, NM 88220

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Sent To Nearburg Exploration Co., LLC
 Street, Apt. No., or PO Box No. 3300 N. "A" St. Bldg. 2, Ste. 120
 City, State, ZIP+4 MIDLAND, TX 79705

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Sent To Chesapeake Exploration, LP
 Street, Apt. No., or PO Box No. P.O. Box 18496
 City, State, ZIP+4 OKLAHOMA CITY, OK 73154

Jones, William V., EMNRD

From: Ann Ritchie [ann.ritchie@wtor.net]
Sent: Tuesday, July 29, 2008 3:11 PM
To: Jones, William V., EMNRD
Subject: Re: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

Will,
I sent your message on to Bill Savage with Amtex and thought he had gotten in touc with you. I will let him know this will need to go to hearing, if he wants to continue.

Thanks,

Ann
WEST TEXAS OIL REPORTS
P.O. Box 953
Midland, TX 79702
ann.ritchie@wtor.net
432 684-6381;682-1458-fax

----- Original Message -----

From: Jones, William V., EMNRD
To: Ann Ritchie
Cc: Ezeanyim, Richard, EMNRD
Sent: Tuesday, July 29, 2008 2:49 PM
Subject: RE: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

Hello Ann:
Have not heard anything from you on the data request below:

Please advise this applicant for commercial injection that this application is being denied. AMTEX Energy Inc. is welcome to present a case at hearing for injection into this well at these depths near the Capitan Reef.

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

From: Jones, William V., EMNRD
Sent: Thursday, July 17, 2008 5:31 PM
To: 'Ann Ritchie'
Cc: Ezeanyim, Richard, EMNRD; Kautz, Paul, EMNRD; Warnell, Terry G, EMNRD; Kautz, Paul, EMNRD
Subject: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

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The issue here is this well is very near the Reef and the operator is proposing to use it as a Commercial Disposal well. The offsetting well to the east has the Reef marked on the log - yet all the lithology logs show this interval to be anhydrite - it looks very similar in the proposed

7/29/2008

well - although it is uphole.

Please ask the operator how it intends to ensure injection waters stay in the Ramsey sand and do not migrate into the Reef uphole and to the east?

Any permit issued here would likely be limited in injection pressure (no future increases allowed) require annual reporting to the engineering bureau in Santa Fe - an analyzed Falloff Test, Injection Rate and Pressure vs Time plot, and a Hall Plot. Please ask them if they are prepared to do this annual reporting?

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

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This inbound email has been scanned by the MessageLabs Email Security System.

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Monday, September 15, 2008 4:14 PM
To: 'Ann Ritchie'
Subject: RE: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

Hey Ann:
Getting ready to release this permit - but would you please send a copy of the proof of notice to the State land office?

Thanks,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

From: Ann Ritchie [mailto:ann.ritchie@wtor.net]
Sent: Wednesday, August 20, 2008 7:28 AM
To: Jones, William V., EMNRD
Cc: Bill Savage
Subject: Re: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

Will,
I will submit by certified mail to SLO today.
We really appreciate your help on this well.
Thank you,

Ann
WEST TEXAS OIL REPORTS
P.O. Box 953
Midland, TX 79702
ann.ritchie@wtor.net
432 684-6381;682-1458-fax

----- Original Message -----

From: Jones, William V., EMNRD
To: Ann Ritchie
Cc: Ezeanyim, Richard, EMNRD ; Warnell, Terry G, EMNRD
Sent: Tuesday, August 19, 2008 6:05 PM
Subject: FW: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

Hello Ann:
I received wonderful supporting data from Amtex pertaining to my questions about the Reef and today have this application ready to release. However our database says the surface and minerals under this location is owned by the State of New Mexico instead of by "Merchant Livestock" as the application says - and the returned receipts you sent did not include the State Land Office.

Please send the receipt from the notice to the SLO - and the date they were notified. Alternately, If you can get a signed waiver from them, send it and I will release this earlier. Mr. Savage has notified me that this injection well will not be for use by other

9/15/2008

7007 2560 0003 3757 3355

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 City, State, ZIP+4 Santa Fe, NM 87504-1148

PS Form 3800, August 2006 See Reverse for Instructions

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1130'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1265'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>3525'</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand <u>4910'</u>	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs <u>8745'</u>	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

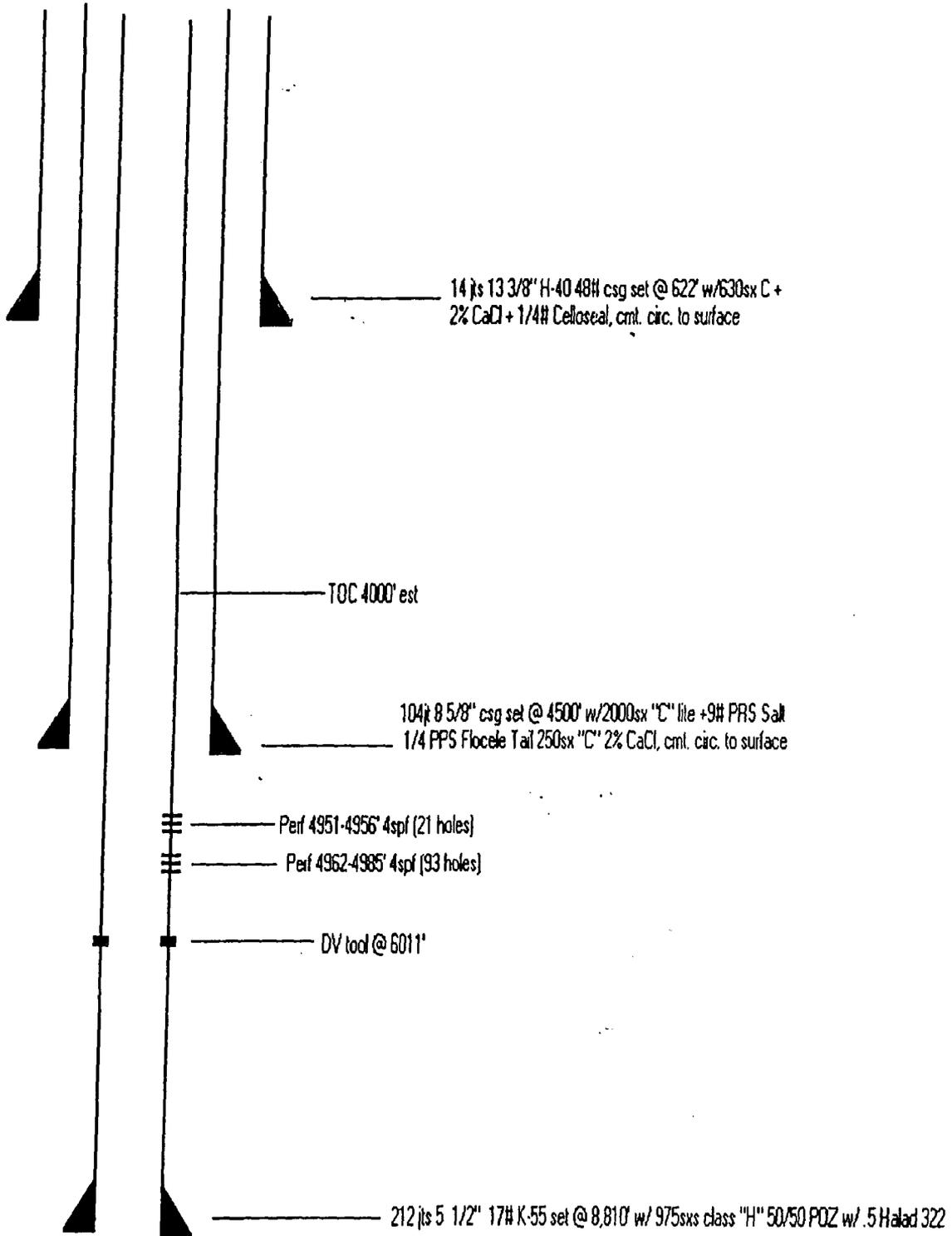
No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

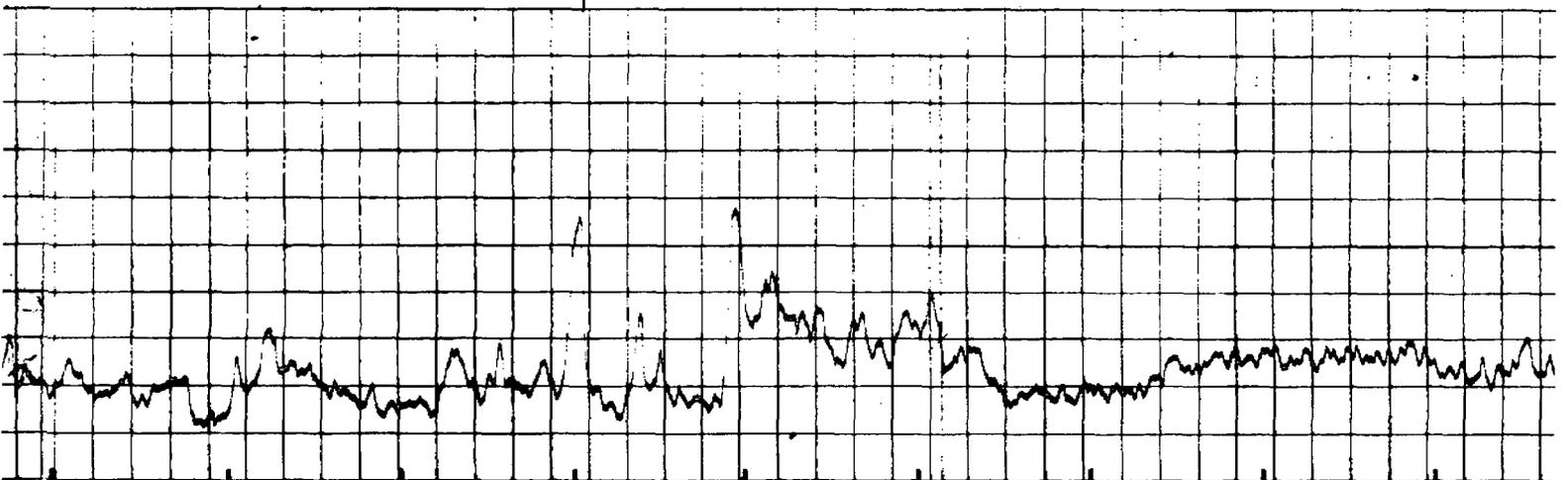
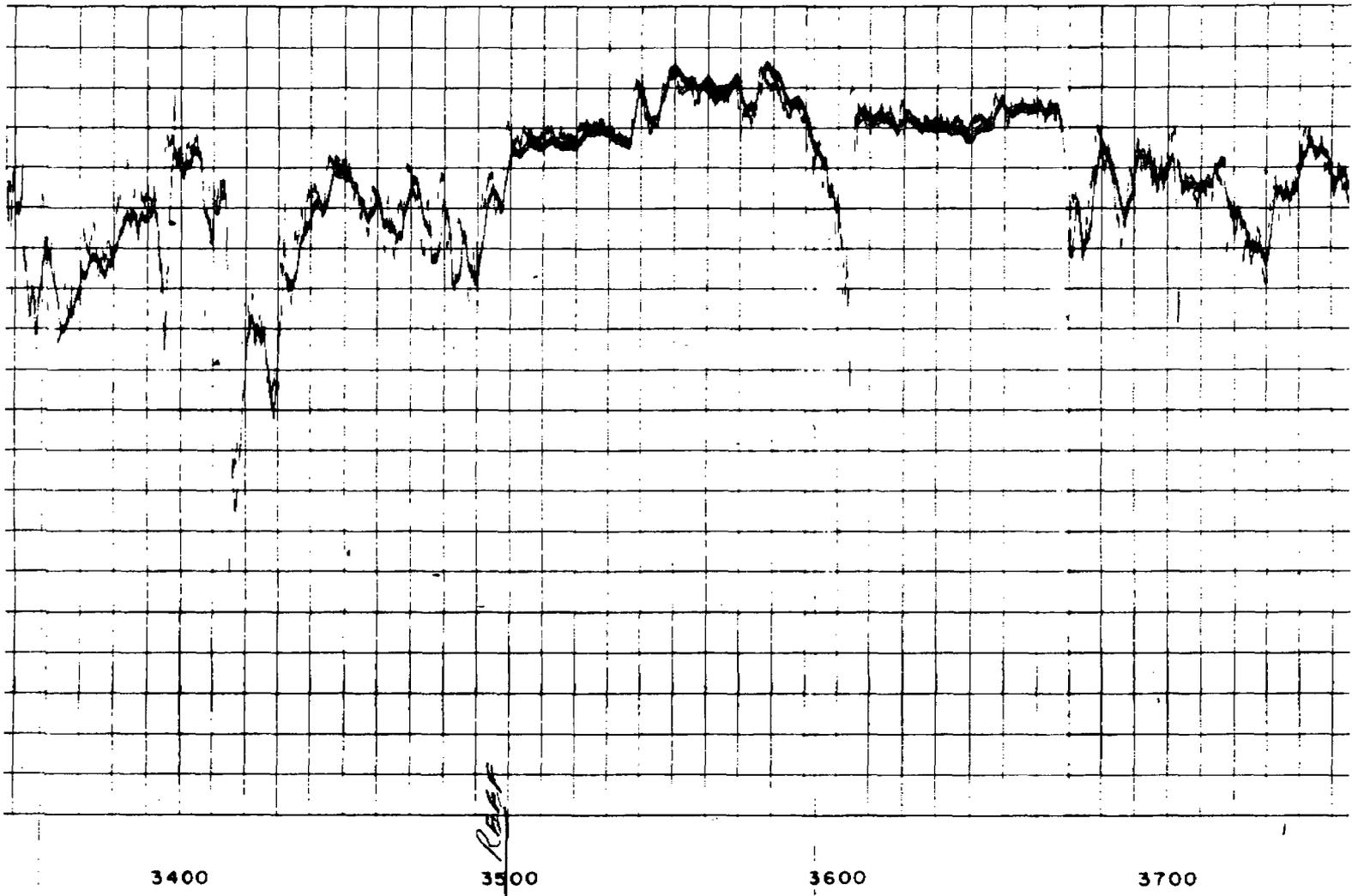
LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	1130	1130	RED BEDS				
1130	1265	135	ANHY.				
1265	3525	2260	SALT & ANHY.				
3525	4635	1110	ANHY.				
4635	4910	275	LIMESTONE & DOLOMITE				
4910	8745	3835	SANDSTONE				
8745	TD <u>8810</u>	<u>65'</u>	LIMESTONE & SHALE				

RECEIVED
 OCT 26 1992
 OCD HOBBS

OPERATOR: AMTEX ENERGY	NAME OF LEASE: Dagger Lake "5" State	WELL: No. 1
LOCATION: 330' FSL & 1980' FEL Sec. 6, T 22-S, R 33-E Lea County, New Mexico		





Injection Permit Checklist (7/8/08)

Case R- SWD 1139 WFX PMX IPI Permit Date 8/19/08 MC Qtr July/Aug/Sept
 # Wells 1 Well Name: DAGEEL STATE #1
 API Num: (30-) 025-31653 Spud Date: 7/30/92 New/Old: N (UIC primacy March 7, 1982)
 Footages 330 FSL/1980 FEL Unit 0 Sec 5 Tsp 225 Rge 33E County Lea
 Operator: AMTEX Energy INC. Contact WILLIAM J. SAVAGE
 OGRID: 785 RULE 40 Compliance (Wells) i/10 OK (Finan Assur) OK
 Operator Address: PO. BOX 3418, MIDLAND, TX, 79702

Current Status of Well: TAED 8/17 CIBRO 4910
 Planned Work to Well: Com in Same Zone Planned Tubing Size/Depth: 2 7/8 @ 4900

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing <input checked="" type="checkbox"/> Surface	<u>17 1/2 13 3/8</u>	<u>622</u>	<u>630</u>	<u>CIRC</u>
Existing <input checked="" type="checkbox"/> Intermediate	<u>12 1/4 8 5/8</u>	<u>4486</u>	<u>2250</u>	<u>CIRC</u>
Existing <input checked="" type="checkbox"/> Long String	<u>7 7/8 5 1/2</u>	<u>8810</u>	<u>1675</u>	<u>2580 CBL</u>

DV Tool 6011 Liner — Open Hole — Total Depth 8810 PBDT 6628
 Well File Reviewed
 Diagrams: Before Conversion After Conversion Elogs in Imaging File: CN/FDC/PUL/MSFL/CBL

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)			
Above (Name and Top)	<u>4910</u>	<u>Del TOP</u>	
Injection..... Interval TOP:	<u>4951</u>	<u>Roney Del SMD NO</u>	<u>990</u> PSI Max. WHIP
Injection..... Interval BOTTOM:	<u>4985</u>	<u>" " "</u>	<u>NO</u> Open Hole (Y/N)
Below (Name and Top)	<u>6060</u> <u>8745</u>	<u>Chery C.</u> <u>ES</u>	<u>NO</u> Deviated Hole?

Sensitive Areas: Capitan Reef EDGE of Reef Salt Depths 1265-3525
 Potash Area (R-111-P) _____ Potash Lessee _____ Noticed? _____
 Fresh Water: Depths: 150-1150 Wells(Y/N) NO Analysis Included (Y/N): Yes Affirmative Statement
 Salt Water: Injection Water Types: Brushy C. / Morrow / COMMERCIAL Analysis? Yes
 Injection Interval: Water Analysis: Yes Hydrocarbon Potential _____

Notice: Newspaper(Y/N) Surface Owner: M. SLO. Mechanical Mineral Owner(s) _____
 RULE 701B(2) Affected Parties: Nearby / Ches / Devon / OXY / J Bar Cone

Area of Review: Adequate Map (Y/N) and Well List (Y/N)
 Active Wells 1 Num Repairs 0 Producing in Injection Interval in AOR NO
 P&A Wells 3 Num Repairs 0 All Wellbore Diagrams Included? Yes

Questions to be Answered:
What is FROM 3525 TO 4630? ANY?
FROM 4630 TO 4910 (LS/OL)

Required Work on This Well: Periodic Falloff Tests Request Sent _____ Reply: _____
 AOR Repairs Needed: _____ Request Sent _____ Reply: _____
 Request Sent _____ Reply: _____

4951
9902

THIS well is WITHIN 1/2 mile of Reef

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, August 19, 2008 5:06 PM
To: 'Ann Ritchie'
Cc: Ezeanyim, Richard, EMNRD; Warnell, Terry G, EMNRD
Subject: FW: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

Hello Ann:

I received wonderful supporting data from Amtex pertaining to my questions about the Reef and today have this application ready to release. However our database says the surface and minerals under this location is owned by the State of New Mexico instead of by "Merchant Livestock" as the application says - and the returned receipts you sent did not include the State Land Office.

Please send the receipt from the notice to the SLO - and the date they were notified. Alternately, If you can get a signed waiver from them, send it and I will release this earlier. Mr. Savage has notified me that this injection well will not be for use by other operators - only Amtex's operations. Please make that clarification prior to sending to the SLO.

I have no email contact info from Mr. Savage or Ms. Roberts - please forward this to Mr. Savage at Amtex so he will know when to expect his permit and that he may need to answer some questions concerning a possible business license from the SLO.

Thank You and Regards,

William V. Jones PE
 New Mexico Oil Conservation Division
 1220 South St. Francis
 Santa Fe, NM 87505
 505-476-3448

From: Jones, William V., EMNRD
Sent: Thursday, July 17, 2008 5:31 PM
To: 'Ann Ritchie'
Cc: Ezeanyim, Richard, EMNRD; Kautz, Paul, EMNRD; Warnell, Terry G, EMNRD; Kautz, Paul, EMNRD
Subject: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

Hello Ann:

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The issue here is this well is very near the Reef and the operator is proposing to use it as a Commercial Disposal well. The offsetting well to the east has the Reef marked on the log - yet all the lithology logs show this interval to be anhydrite - it looks very similar in the proposed well - although it is uphole.

Please ask the operator how it intends to ensure injection waters stay in the Ramsey sand and do not migrate into the Reef uphole and to the east?

Any permit issued here would likely be limited in injection pressure (no future increases allowed) require annual reporting to the engineering bureau in Santa Fe - an analyzed Falloff Test, Injection Rate and Pressure vs Time plot, and a Hall Plot. Please ask them if they are prepared to do this annual reporting?

Regards,

8/19/2008

CMD :
OG5SEC2

ONGARD
VIEW LAND BY ULSTR

08/19/08 16:47:31
OGOWVJ -TQVP
PAGE NO: 3

Sec : 5 Twp : 22S Rng : 33E Cnty1 : Lea
Cnty2 : Cnty3 :

U Lot/ Qtr	SRF SUB	ACTIVE	Bene	REMARKS
L Trct Qtr	ACREAGE	OWNER	LEASE #	(may show restrictions codes)
K NE4SW4	40.00	ST ST	V0 6152 0001	
L NW4SW4	40.00	ST ST	GT 2533 0000 CS	
			V0 6152 0001	
M SW4SW4	40.00	ST ST	GT 2533 0000 CS	
			V0 6152 0001	
N SE4SW4	40.00	ST ST	GT 2533 0000 CS	
			V0 6152 0001	
O SW4SE4	40.00	ST ST	GT 2533 0000 CS	
			V0 6152 0001	
P SE4SE4	40.00	ST ST	GT 2533 0000 CS	
			V0 6152 0001	

PF01 HELP PF02 PREV PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

RECEIVED
2008 AUG 19 PM 2 47



AMTEX ENERGY, INC.
P. O. BOX 3418
MIDLAND, TEXAS 79702
(432) 686-0847 Office
(432) 686-0994 - Fax

August 13, 2008

Mr. William V. Jones, PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

RE: Amtex Energy, Inc.
Application for Authorization to Inject
Form C-108
Dagger Lake 5 State #1
330' FSL 1980' FEL
Section 5(O), T-22-S, R-33-E
Lea County, New Mexico

Dear Mr. Jones,

Pursuant to our phone conversation on Tuesday, August 5, 2008, Amtex Energy, Inc., is requesting that this application remain open for Administrative approval. Amtex Energy, Inc., would also like to remove the "commercial" request from this application. Amtex Energy, Inc., will be using the Dagger Lake 5 State #1 well to only dispose of water produced on Amtex Energy, Inc., operated leases.

The Ramsey sand gave up over 100,000 barrels of fluid (over 95% water) with only a small acid job. It is anticipated that the zone will take fluid without major additional stimulation. After initial tests, fluids and pressures will be tested every 2 years provided surface injection pressures exceed 1000 psi. Below 1000 psi surface injection pressures, injectivity tests will be run every 5 years. Please contact me if these periods do not comply with NMOCD regulations and I will adjust the testing accordingly.

Amtex Energy, Inc., is also including copies of all wells within the 1/2 mile radius of the Dagger Lake 5 State #1 well with the basal Capitan Reef, top of the Delaware Mountain Group, and Ramsey Sand (proposed injection zone) marked on all copies. Additionally, NW-SE and SW-NE cross-sections to scale and a composite E-logs/Mud Log with perforations marked for the Dagger Lake 5 State #1 are enclosed for your reference along with a brief Geological Summary.

Should you have any additional questions or require any additional data, please do not hesitate to give me a call at 432-770-0913. Additionally, Sally Meader-Roberts, Independent Geologist, has done the Geological work in this area for Amtex Energy, Inc., and can answer any Geological questions you may have. She can be reached at 432-559-3971.

Respectfully,

William J. Savage

William J. Savage, President
Amtex Energy, Inc.

AMTEX ENERGY, INC.
PROPOSED INJECTION WELL
DAGGER LAKE 5 STATE #1
330 FSL & 1980 FEL
SECTION 5(O), T-22-S, R-33-E
LEA COUNTY, NEW MEXICO

GEOLOGICAL REVIEW

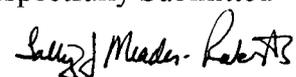
The Amtex Energy, Inc., (Meridian) Dagger Lake 5 State #1 well, located 330 FSL & 1980 FEL, Section 5, T-22-S, R-33-E, Lea County, New Mexico, was drilled on the fore reef edge of the Capitan Reef complex (see attached copy of the Capitan Reef Map by the USGS, red arrow). The main Capitan Reef complex lies to the North of the proposed injection well. As can be seen on the accompanying composite electric logs / mud log of the Dagger Lake 5 State #1 well, the lower 150 feet of the basal Capitan Reef beds are tight anhydrite. The accompanying SW-NE and NW-SE Stratigraphic Cross-Sections further show that the Ramsey sand (proposed injection zone) is between 150 and 280 feet below the base of the Capitan Reef. The Lamar limestone overlies the Ramsey sand. As can be seen on the composite log, the Lamar limestone is fairly tight. There is a porous and permeable dolomite wedge within the Lamar interval of the uppermost Delaware Mountain Group in the Dagger Lake 5 State #1. This dolomite appears to thicken to the Southeast, in the Dual Production Hudson Federal #1 well located 660' FN & WL, Section 9, T-22-S, R-33-E. However, the dolomite pinches out to the West, North, and Northeast (see SW-NE and NW-SE Cross-Sections) and is approximately 135 feet above the Ramsey sand (proposed injection zone). Approximately 105 feet of tight Lamar limestone are between the Ramsey sand and the dolomite wedge in the Dagger Lake 5 State #1. Additionally, approximately 350 feet of tight anhydrite lie between the porous dolomite wedge and the lower most porosity of the Capitan Reef (see both cross-sections). The dolomite is not present in any of the updip wells.

Based on subsurface mapping in the area, there are no faults within several miles of the Dagger Lake 5 State #1 well. There are several faults approximately 4-6 miles Northwest of the area but these are deep seated faults (Cisco/Canyon age) that do not effect the overlying Bone Spring and Delaware intervals. Other than faulting there is no geological way for the Ramsey sand to be in lateral juxtaposition with the Capitan Reef.

The Ramsey sand does pinch out approximately 3-4 miles North of the Dagger Lake 5 State #1 well. However, it pinches out against the upper Delaware Mountain Group carbonate slope deposits, not against the Capitan Reef.

Based on the fact that the Ramsey sand is some 280 feet below the base of the Capitan Reef, which is anhydrite in this area, and approximately 600 feet below the closest porosity in the Capitan Reef in the Dagger Lake 5 State #1 well, there does not appear to be a viable path for fluids injected into the Ramsey sand to vertically reach the porosity within the Capitan Reef.

Respectfully Submitted



Sally J. Meader-Roberts
Geologist CPG 2690

Jones, William V., EMNRD

From: Ann Ritchie [ann.ritchie@wtor.net]
Sent: Wednesday, August 20, 2008 7:28 AM
To: Jones, William V., EMNRD
Cc: Bill Savage
Subject: Re: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

Will,
 I will submit by certified mail to SLO today.
 We really appreciate your help on this well.
 Thank you,
 Ann
 WEST TEXAS OIL REPORTS
 P.O. Box 953
 Midland, TX 79702
 ann.ritchie@wtor.net
 432 684-6381;682-1458-fax

----- Original Message -----

From: Jones, William V., EMNRD
To: Ann Ritchie
Cc: Ezeanyim, Richard, EMNRD ; Warnell, Terry G, EMNRD
Sent: Tuesday, August 19, 2008 6:05 PM
Subject: FW: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

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 New Mexico Oil Conservation Division
 1220 South St. Francis
 Santa Fe, NM 87505
 505-476-3448

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To: 'Ann Ritchie'
Cc: Ezeanyim, Richard, EMNRD; Kautz, Paul, EMNRD; Warnell, Terry G, EMNRD; Kautz, Paul, EMNRD

8/25/2008

Subject: Injection application from AMTEX Energy Inc.: Dagger Lake 5 State #1 30-025-31653 Unit O, Sec 5, T22S, R33E, Lea County

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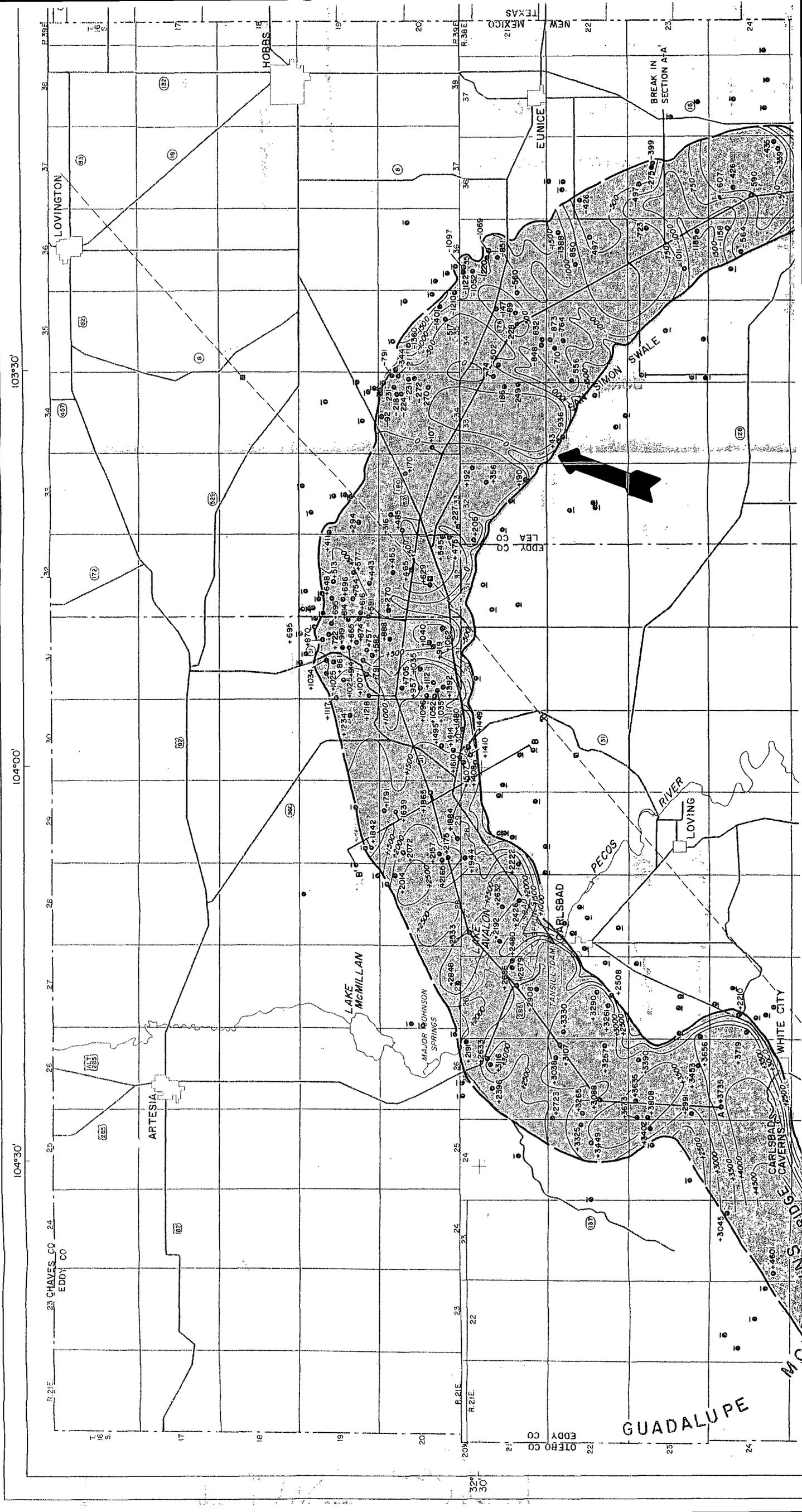
Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

This inbound email has been scanned by the MessageLabs Email Security System.

8/25/2008

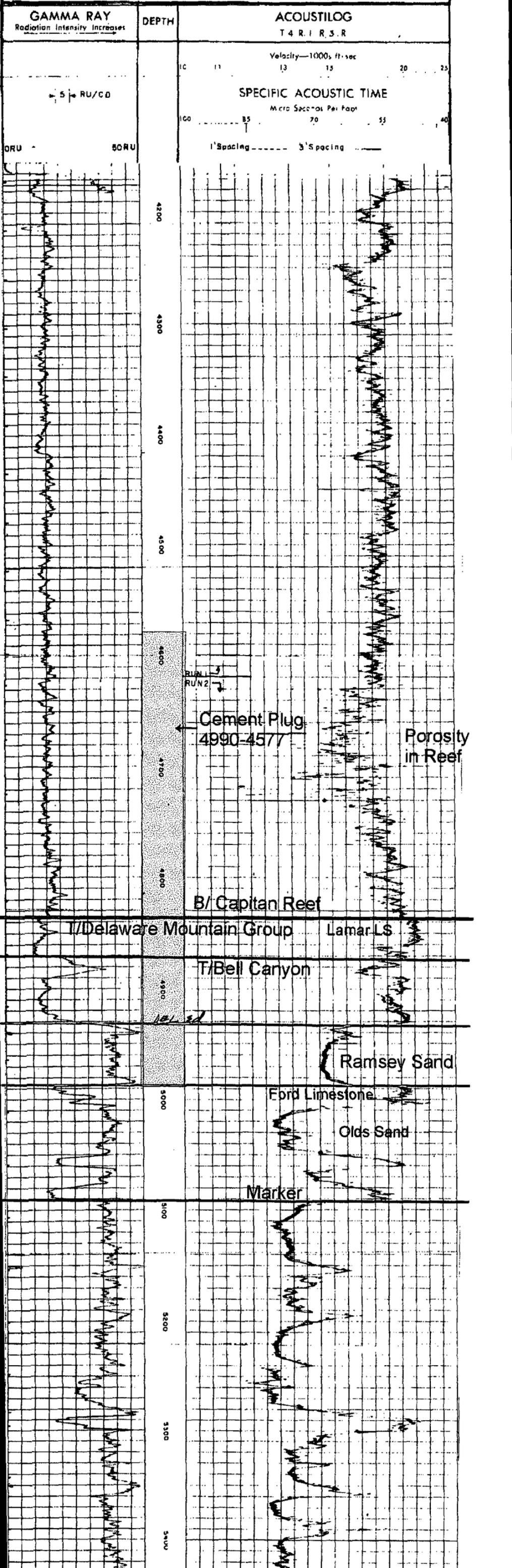




Drilling Measured from K.D.B. 9 ft. Above Permanent Datum
 Date 7-26-60 8-1-60
 Run No. 1 2
 Depth—Driller 4700 5510
 Depth—Logger 4702 5511
 Bottom Logged Interval 4696 5507
 Top Logged Interval Surface 4698
 Casing—Driller 8 5/8" 326 8 5/8" 326
 Casing—Logger 8 3/4" 326
 Oil Size Salt Gal. 6 3/4"
 Type Fluid in Hole Salt Gal. 102.00 PPM
 Density and Viscosity 10.5 36 25 55
 pH and Fluid Loss 10.5 36 25 55
 Source of Sample Flow Line 82 82 82 82
 Run @ Meas. Temp. 0.45 0.82 0.82 0.82
 Run @ Meas. Temp. 0.07 0.82 0.82 0.82
 Run @ Meas. Temp. 0.07 0.82 0.82 0.82
 Source of Seal and Pack Meas. Meas. Meas. Meas.
 Km @ BHT 0.5 0.5 0.40 0.03
 Time Since Circ. 96 2 Hours 103
 Meas. Rec. Temp. Deg. F 1.4596/4698 1.4596/4698
 Equip. No. and Location Greatest & Most Greatest & Most
 Recorded by Mc Miller Mc Miller & Mc Miller

COMPANY: DUAL PRODUCTION COMPANY
 WELL: RICHARDSON-BASS STATE NO.1
 FIELD: WILD CAT
 COUNTY: LEA STATE: NEW MEXICO
 LOCATION: 680' FST & 330' FEL
 SEC: 5 TWP: 22-S RGE: 33-E
 GROUND LEVEL: 9 ft. Above Permanent Datum
 K.D.B. Cl. 3650
 Elevation: K8 3659
 Cl. 3650
 Oil: Services CALIPER 8 F/L

5P T22S R33E



D-8-T22S-R33E 330FN 2310FE
 MERIDIAN OIL INC
 DAGGER LAKE # FEDERAL # 2
 30-028-32830

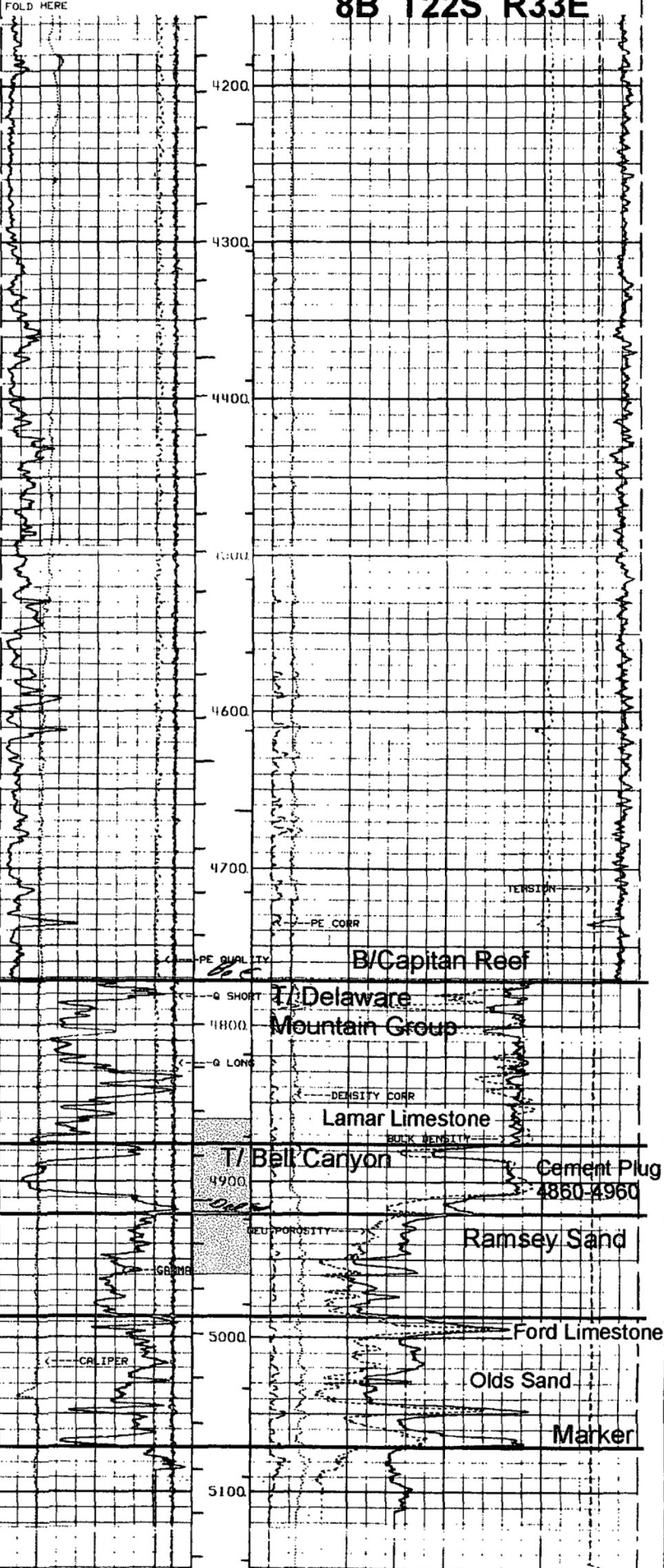
IBURTON
 SPECTRAL DENSITY
 DUAL SPACED
 NEUTRON LOG
 096197

COMPANY: MERIDIAN OIL INC
 WELL: DAGGER LAKE - 8 - FEDERAL NO. 2
 FIELD: DAGGER LAKE (DELMAR) CO
 COUNTY: LER
 API NO: NR
 LOCATION: 330 FN. AND 2310 FEEL
 STATE: NM
 OTHER SERVICES: H&I CO

COM: WEL: FIE: COU:
 SECTION: 8
 TAP: 22-S ROD: 33-E
 PERFORMING DRILLING: G. L. ELEV: 3634
 LOG MEASURED FROM: K. B. 10 5 FT ABOVE PERM DRILLING
 DRILLING MEASURED FROM: K. B. 8
 DATE: 02/26/95
 RUN NO: ONE
 BERTH-ROLLER: S150
 BERTH-LOCKER: S14
 BIT: LOG INTER: S104
 TOP LOG INTER: SQUARE
 CRUISING DRILLER: 8.6284622
 CRUISING-LOCKER: 617
 BIT SIZE: 7.875 INCH
 TYPE FLUID IN HOLE: FRESH AIR
 DENS: 10.3 LB/ GAL
 PH: 11.45
 PH: 11.45
 SURFACE LOSS: 10.14 S
 SURFACE SAMPLE AND PITS:
 BR # MEAS: LEW 0.16 # 75
 BR # MEAS: TEMP 0.14 # 75
 BR # MEAS: TEMP 0.22 # 75
 SOURCE REF: IHC
 BR UNIT: 0.13 # 95
 TIME SINCE CLRC: 4 HOURS
 TIME TO BOTTOM: 18.48 HOURS
 MAX. REC. TEMP: 95 #10
 EQUIP. LOCATION: SCSSTHARBS
 M.L. NAME: SCSSTHARBS
 MEASURED BY: CRIBLANDO

COM	WEL	FIE	COU
SECTION	TAP	ROD	
PERFORMING DRILLING	G. L.	ELEV	
LOG MEASURED FROM	K. B.	10 5	FT ABOVE PERM DRILLING
DRILLING MEASURED FROM	K. B.	8	
DATE	02/26/95		
RUN NO	ONE		
BERTH-ROLLER	S150		
BERTH-LOCKER	S14		
BIT	LOG INTER	S104	
TOP LOG INTER	SQUARE		
CRUISING DRILLER	8.6284622		
CRUISING-LOCKER	617		
BIT SIZE	7.875 INCH		
TYPE FLUID IN HOLE	FRESH AIR		
DENS	10.3 LB/ GAL		
PH	11.45		
PH	11.45		
SURFACE LOSS	10.14 S		
SURFACE SAMPLE AND PITS			
BR # MEAS	LEW 0.16 # 75		
BR # MEAS	TEMP 0.14 # 75		
BR # MEAS	TEMP 0.22 # 75		
SOURCE REF	IHC		
BR UNIT	0.13 # 95		
TIME SINCE CLRC	4 HOURS		
TIME TO BOTTOM	18.48 HOURS		
MAX. REC. TEMP	95 #10		
EQUIP. LOCATION	SCSSTHARBS		
M.L. NAME	SCSSTHARBS		
MEASURED BY	CRIBLANDO		

8B T22S R33E



PE QUALITY	B	-2	PE CORR	-1	.9	TENSION	
Q SHORT	-4.5	0.5	DENSITY CORR	-0.2	0.8	18000	POUNDS
Q LONG	4.5	-0.5	GM/CC				
GAMMA	AHV		BULK DENSITY				
GAMMA API	100	2.0	GM/CC				3.0
CALIPER	BHV		NEU POROSITY				
INCHES	16	30	PERCENT NEUTRON MATRIX - LIME				-10

OIL, INC.
 FEDERAL #1
 MERIDIANT OIL, INC.

DAGGER LAKE "8" FEDERAL # 1
 DAGGER LAKE (DELAWARE)

STATE: NEW MEXICO

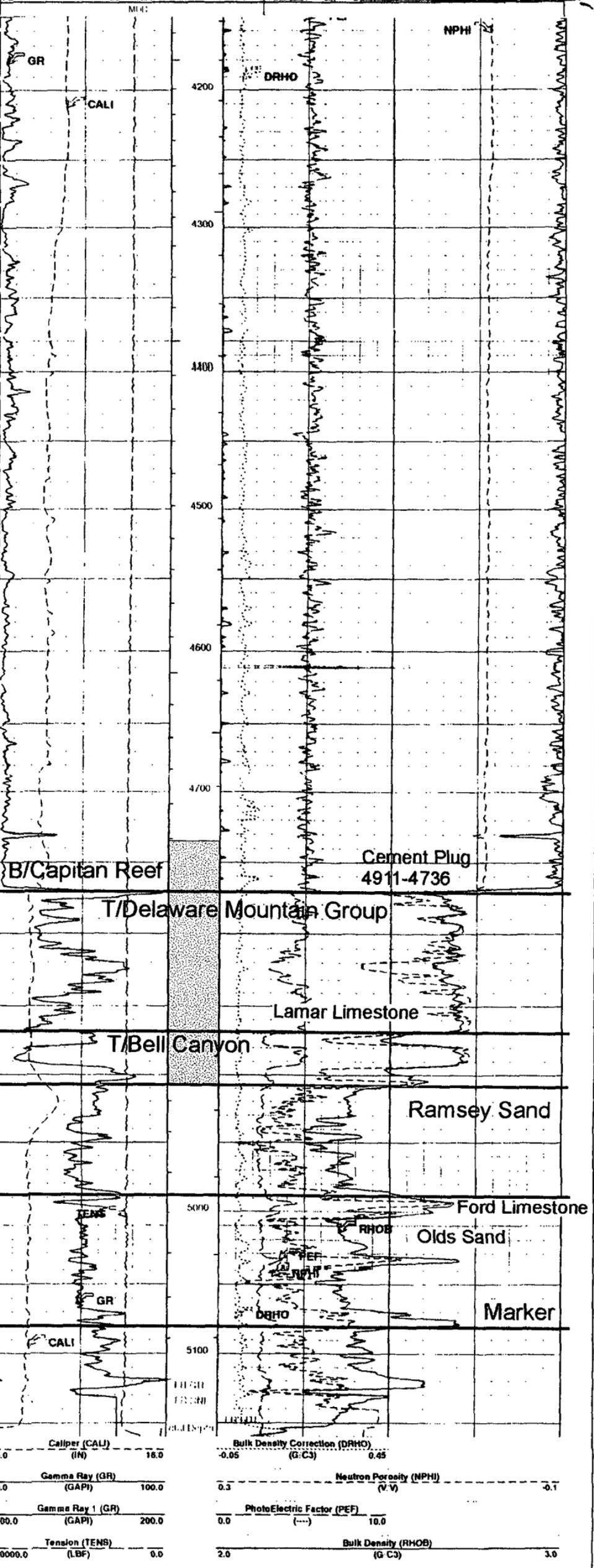
FINAL PRINT
 Schlumberger
 COMPENSATED NEUTRON
 LITHO-DENSITY
 GAMMA RAY

695183
 507 PUL & 19807 WIL.
 Log Measured From: K.H.
 Drilling Measured From: K.H.
 App Serial No.: N/A

COUNTY: 1
 Field: 1
 Location: 1
 Well: 1
 Company: 1

800EN 4800CW
 BURLINGTON RESOURCES OIL & GAS CO
 DAGGER LAKE 8 FEDERAL # 1
 30-028-31886

Logging Date: FEBRUARY 4, 1993
 Run Number: 1
 Depth: 5150 F
 Depth: 5120 F
 Depth: 5100 F
 Depth: 5080 F
 Depth: 5060 F
 Depth: 5040 F
 Depth: 5020 F
 Depth: 5000 F
 Depth: 4980 F
 Depth: 4960 F
 Depth: 4940 F
 Depth: 4920 F
 Depth: 4900 F
 Depth: 4880 F
 Depth: 4860 F
 Depth: 4840 F
 Depth: 4820 F
 Depth: 4800 F
 Depth: 4780 F
 Depth: 4760 F
 Depth: 4740 F
 Depth: 4720 F
 Depth: 4700 F
 Depth: 4680 F
 Depth: 4660 F
 Depth: 4640 F
 Depth: 4620 F
 Depth: 4600 F
 Depth: 4580 F
 Depth: 4560 F
 Depth: 4540 F
 Depth: 4520 F
 Depth: 4500 F
 Depth: 4480 F
 Depth: 4460 F
 Depth: 4440 F
 Depth: 4420 F
 Depth: 4400 F
 Depth: 4380 F
 Depth: 4360 F
 Depth: 4340 F
 Depth: 4320 F
 Depth: 4300 F
 Depth: 4280 F
 Depth: 4260 F
 Depth: 4240 F
 Depth: 4220 F
 Depth: 4200 F
 Depth: 4180 F
 Depth: 4160 F
 Depth: 4140 F
 Depth: 4120 F
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 Depth: 4000 F
 Depth: 3980 F
 Depth: 3960 F
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 Depth: 3360 F
 Depth: 3340 F
 Depth: 3320 F
 Depth: 3300 F
 Depth: 3280 F
 Depth: 3260 F
 Depth: 3240 F
 Depth: 3220 F
 Depth: 3200 F
 Depth: 3180 F
 Depth: 3160 F
 Depth: 3140 F
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