

DATE IN 11/6/06	SUSPENSE	ENGINEER W. Jones	LOGGED IN 11/7/06	TYPE SWD	APP NO. p TDS0631149003
-----------------	----------	-------------------	-------------------	----------	-------------------------

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 CHECKLIST

THIS CHECKLIST 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] [NSP-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]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-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 [B] or [C]
 [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
 [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ 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
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

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

Print or Type Name _____	Signature _____	Title _____	Date _____
e-mail Address _____			

Inactive Well List

Total Well Count:8 Inactive Well Count:1 Since:10/10/2005

Printed On: Wednesday, January 03 2007

District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	Days in TA
1	30-025-30832	STATE 8 #003	D-8 -16S-34E	D	1340	AVRA OIL CO	S	O	10/2002	WOLFCAMP		

WHERE Ogrid:1340, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15



AVRA OIL COMPANY

November 3, 2006

RECEIVED

NOV 03 2006

Mr. David Catanach
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: Application for Salt Water Disposal Well
Williams #2 - API #: 30-025-27643
Unit H, Sec 11, T-18S, R-38E
Lea County, NM

Gentlemen:

Enclosed please find the application for disposal of salt water into Williams #2.

As you are cognizant, the Bishop Canyon Queen formation has low permeability. Therefore we request, as we were granted on our Charlcia A. Taylor well #1, that the maximum surface injection pressure of 2100 psi be granted for the Williams #2 also.

I'm hoping that our application is complete and satisfactory to you. Should you require or desire any additional information in regard to this matter, please contact me at (432) 682-4866.

Your prompt attention and your consideration is greatly appreciated.

Sincerely,

Saeed Afghahi
Petroleum Engineer

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: AVRA OIL COMPANY
ADDRESS: PO BOX 3193 MIDLAND, TX 79702
CONTACT PARTY: SAEED AFGHAHI PHONE: 432-682-4866
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes X No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate 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: SAEED AFGHAHI TITLE: PRESIDENT
SIGNATURE: Saeed Afghahi DATE: 10/12/06
E-MAIL ADDRESS: avraoil@sbcglobal.net
- * 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

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.

FORM C-108 cont.

Part III. A

- 1.) Williams No. 2
2310 FNL and 560 FEL
Sec. 11 – T18S – R38E
Lea County, New Mexico
- 2.) See attached wellbore schematic.
- 3.) Propose to run approximately 4050' of 2 3/8" plastic lined tubing.
- 4.) Propose to use a tension Packer as a seal, and set at approximately 50'
The top perforation. The casing annulus will be loaded with packer fluid.

Part III. B

- 1.) The injection interval will be in the Queen Sand in the Bishop Canyon Queen field.
- 2.) The injection interval is from 4092' to 4102'.
- 3.) The well was originally drilled as an oil and gas well.
- 4.) See wellbore schematic.
- 5.) There is production from the San Andres, at 4800' – 4900' in this area.
The Queen produces within one mile of this location.

Part VII.

- 1.) Proposed average daily injection will be 350 bbls/day. Maximum will be 1000 bbls./day.
- 2.) The system will be closed.
- 3.) Based on historical data from the offset well, the maximum pressure will not exceed 2100 PSI.
- 4.) The source of the water will be from San Andres wells operated by Avra
- 5.) The Queen productive within one mile of the Williams No. 2.

Part VIII.

The injection interval is the Queen Sand, and is composed of primarily sandstone and sandy dolomite with occasional anhydrite stringers, and is approximately 20' thick. The top of the Queen is at Quaternary Alluvium. The Ogallala is the major source of fresh water in this area at a depth of 100' to 300' deep.

Part IX

The disposal interval will be treated with a breakdown acid job.

Part X

The logs have been previously submitted by Quanah Petroleum Casper in January of 1982.

Part XI

There are active fresh water wells within one mile of the two locations. The analysis for these wells are attached.

Part XII

We have examined all available geologic and engineering data, and find Evidence of open faults or any other hydrologic connection between the disposal interval and any underground source of drinking water.

Part XIV

A copy of this application has been sent to:

KERR-MCGEE CORPORATION, PO BOX 25861, OKLAHOMA CITY, OK 73125

BEACH EXPLORATION, 800 N. MARIENFELD, STE 200, MIDLAND, TX 79701

V.R. "COWBOY" JONES c/o TOM JONES, 1417 ROSE ROAD, HOBBS, NM 88242

CHRISTINE WILLIAMS, 1100 GRAHAM DRIVE, APT 1103, TOMBALL, TX 77375

Christine Williams is the surface owner of unit H, Sec 11 – T18S – R38E, Lea County, New Mexico.

INJECTION WELL DATA SHEET

OPERATOR: AVRA OIL COMPANYWELL NAME & NUMBER: WILLIAMS WELL NO. 2WELL LOCATION: 2310' FNL & 560 FEL
FOOTAGE LOCATIONUNIT LETTER H SECTION 11 TOWNSHIP 18S RANGE 38EWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 11" Casing Size: 8 5/8"
Cemented with: 300 sx. or ft³
Top of Cement: SURFACE Method Determined: CIRCULATED

Intermediate Casing

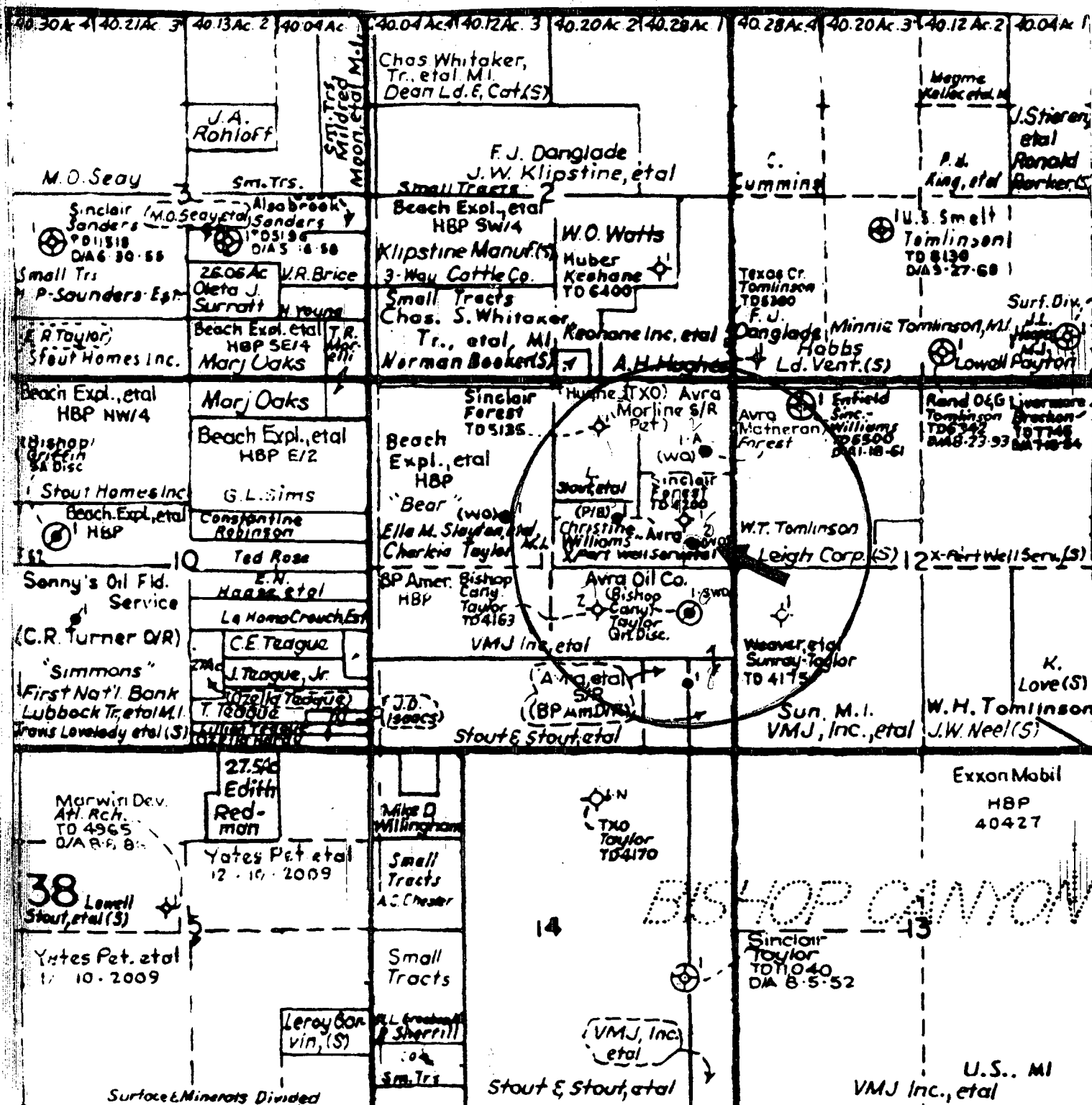
Hole Size: Casing Size:
Cemented with: sx. or ft³
Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 4 1/2"
Cemented with: 1000 sx. or ft³
Top of Cement: 300 Method Determined: Temperature
Survey

Total Depth: 5100Injection Interval4092 feet to 4102

INJECTION WELL DATA SHEETTubing Size: 2 3/8" Lining Material: PLASTIC COATEDType of Packer: BAKER MODEL AD-1Packer Setting Depth: 4050Other Type of Tubing/Casing Seal (if applicable): Additional Data1. Is this a new well drilled for injection? Yes X No If no, for what purpose was the well originally drilled? OIL & GAS PRODUCER2. Name of the Injection Formation: QUEEN3. Name of Field or Pool (if applicable): BISHOP CANYON QUEEN4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. 4850-4873'SAN ADRES - SET A CAST IRON BRIDGE PLUG @ 4800' AND 2 SXS OF CEMENT5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: SAN ADRES 4800-4900



AVRA OIL COMPANY

Williams No. 2
Sec. 11 - T18S - R38E
Lea County, New Mexico

Avra Oil Company

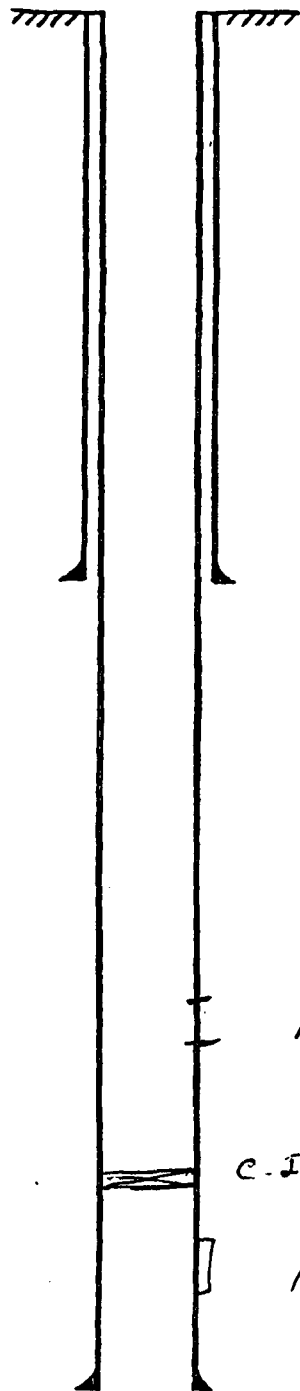
LIST OF WELLS IN AREA OF REVIEW

COMPANY	WELL	UNIT	TD	STATUS
<u>Sec 11 – T18S – R38E</u>				
Avra Oil Company	Williams #2	H	5100'	Shut-In (Proposed SWD)
Avra Oil Company	Williams #1	G	5100'	Producing
Avra Oil Company	Charlcia Ann Taylor #1	I	6480'	Active SWD
Avra Oil Company	C.A. Taylor #1	P	4150'	P & A
Avra Oil Company	Forest A #1	A	5112'	P & A
W.R. Weaver	Charlcia A. Taylor #2	J	4165'	P & A
Sinclair Oil & Gas	Pearl Forest #1	H	4200'	P & A
Bishop Canyon Uranium	(Pearl) Forest	B	5137'	P & A
<u>Sec 12 – T18S – R34E</u>				
Robert N. Enrield	Sinclair Williams	D	6500'	P & A
W.R. Weaver	Sunray – Taylor	L	4175'	P & A

OPERATOR	AVKA Oil Company		DATE	10-14-06
LEASE	Williams	WELL No.	2	LOCATION SEC 11-T195-R38E

Unit H 2310' FNL + SW' FEL

Proposed to be converted to
Salt water disposal well



8 7/8 " casing set at 318 ' with 225 sx of _____ cement
Hole size 11 " Cement Circulated

PACKER SET APPROXIMATELY 50' ABOVE
T.P. PERF

PERF ~~4101-4110~~

C.I.B.P. @ 4800'

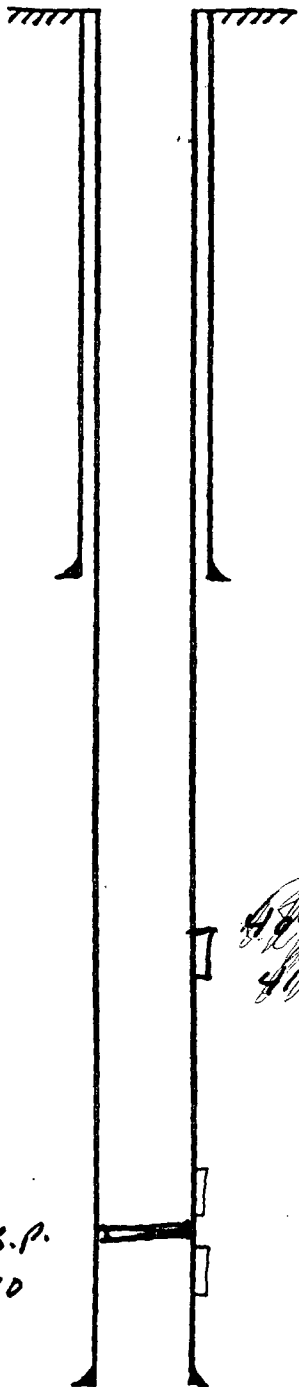
perf 4863 - 4873

4 1/2 " casing set at 5098 ' with 1000 sx of _____ cement
Total Depth 5100 ' Hole size 7 7/8 " TOC by TS
@ 300'

OPERATOR <i>AVRA Oil Company</i>	DATE <i>10 14 - 2006</i>	
LEASE <i>Williams</i>	WELL No. <i>1</i>	LOCATION <i>SEC 11 - T18S - R23E</i>

Unit G 1980' ENL + 1660' FEL

*Active producer Bishop Canyon
COMINGLED SAN ANDRES & QUEEN*



*8 5/8" casing set at 369' with 300 sx of cement
Hole size 11" Cement Circulated*

*4892
4102*

Queen

*C.E.B.P.
4940*

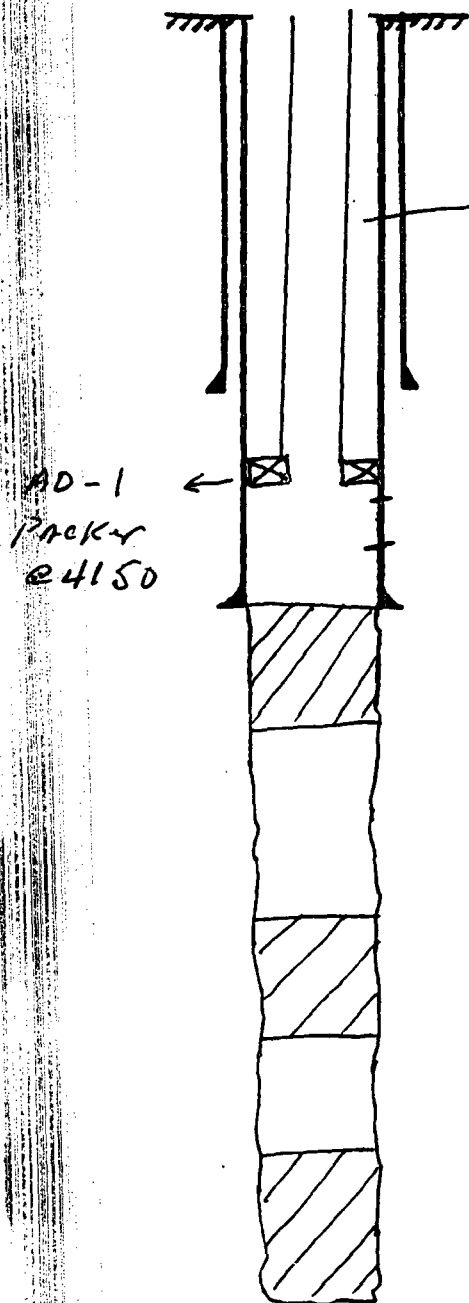
*perf 4876 - 4860
PERF 4955 - 4956*

*4 1/2" casing set at 5100' with 1700 sx of cement
Total Depth 5100' Hole size 7 7/8" TOC by TS
C 600'*

OPERATOR	AVRA Oil COMPANY		DATE	10-14-2006
LEASE	CHAUCIA A. TAYLOR	WELL No.	1	LOCATION
		Sec 11-T18S-R38E		

(Unit I) 1980' FSL + 660' FEL

ACTIVE DISPOSAL WELL



13 3/8" casing set at 336' with 350 sx of _____ cemen

Hole size 17 1/2" Cement Circulated

perf 4108 - 4110, packer set @ 4450'

5 1/2" casing set at 4272' with 800 sx of _____ cemen

Hole size 8 3/4"

1st stage cmt w/ 400 sx

dv @ 2065'

2nd stage cmt w/ 400 sx

TOC By TS @ 1185'

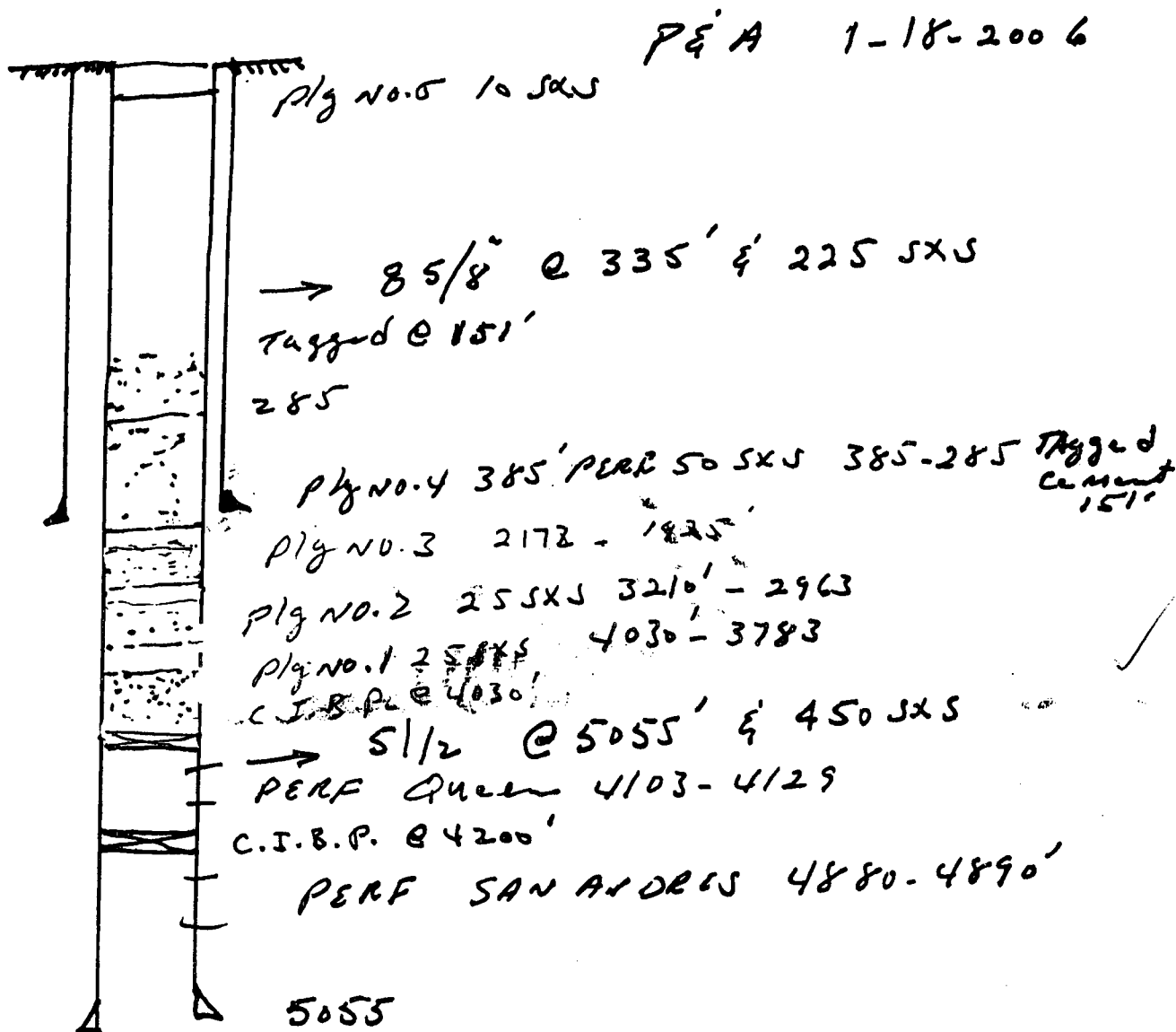
80 sx @ 4950' - 4750'

100 sx @ 5400' - 5150'

102 sx @ 6480' - 6225'

Total Depth 6480' Hole size 8 3/4"

OPERATOR Avra Oil Company		DATE 10-14-2006
LEASE Forest "A"	WELL NO. 1	LOCATION Sec 11 - T18S - R38E



Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
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
May 27, 2004

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

WELL API NO. 30-025-07327
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Forest "A"
8. Well Number 1
9. OGRID Number
10. Pool name or Wildcat Bishop Canyon Queen
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,651' GR

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 ☒ SWD

2. Name of Operator

Avra Oil Company

3. Address of Operator

P O Box 3193, Midland, Texas 79702

4. Well Location

Unit Letter **A** **990** feet from the **North** line and **330** feet from the **East** line
Section **11** Township **18-S** Range **38-E** NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,651' GR

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type **STEEL** Depth to Groundwater Distance from nearest fresh water well **< 1 mile** Distance from nearest surface water **> 1 mile**

Pit Liner Thickness: **STEEL** mil Below-Grade Tank: Volume **180** bbls; Construction Material **STEEL**

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING ORNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐
OTHER: ☐

13. 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 recompletion.

01/16/06 thru 01/17/06

Notified NMOCD, Sylvia Dickey. MIRU Triple N rig #25 and plugging equipment. Set steel working pit. NU BOP. POOH w/ production tubing. RIH w/ gauge ring on wireline to 4,100', POOH. Set CIBP @ 4,030'. Circulated hole w/ mud and pumped 25 sx C cmt 4,030 - 3783'. Pumped 25 sx C cmt 3,210 - 2,963'. Pumped 25 sx C cmt 2,172 - 1,925'. Perforated casing @ 385'. RIH w/ packer and squeezed 50 sx C cmt 385 - 285'. WOC overnight and tagged cmt @ 151'. Pumped 10 sx C cmt 60' to surface. RDMO.

Cut off wellhead & anchors, installed dry hole marker, backfilled cellar.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

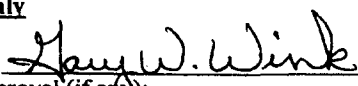
SIGNATURE  TITLE Engineer DATE 1/18/06

Type or print name **James F. Newman, P.E.**

E-mail address: **jim@triplenservices.com**

Telephone No. **432-687-1994**

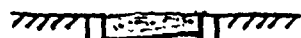
For State Use Only

APPROVED BY: 
Conditions of Approval (if any):

TITLE FIELD REPRESENTATIVE II/STAFF MANAGER DATE JAN 24 2006

OPERATOR <i>AVKA Oil Company</i>	DATE <i>10-14-2006</i>	
LEASE <i>TAYLOR</i>	WELL No. <i>1</i>	LOCATION <i>SEC 11-T1B5-R38E</i>

Unit D



10545

PEA 1-16-2006

← 145' Tagged

8 5/8" casing set at 270' with 200 sx of cement

Hole size 12 3/4" Cement Circulated

PERF @ 309', SQUEEZED 50 SXS FROM 309 TO 209

PER 2090, SQUEEZED 40 SXS, 2090'-1990' Tagged @ 1977

*plug 25 SXS
3317-2947*

*plug 25 SXS
4105-3645*

*@ 4105
C.T.B.P.*

*parts @ 4096 + Additional parts in
Queen SAND*

4 1/2" casing set at 4147' with 225 sx of cement

*Total Depth 4150' Hole size 6 3/4" TOC by Calculative
using 50% efficient 3153'*

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
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
May 27, 2004

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

WELL API NO. 30-025-21276
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name C.A. Taylor
8. Well Number 1
9. OGRID Number 134D
10. Pool name or Wildcat Bishop Canyon Queen

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,637' DR

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type STEEL Depth to Groundwater _____ Distance from nearest fresh water well < 1 mile Distance from nearest surface water > 1 mile

Pit Liner Thickness: STEEL mil Below-Grade Tank: Volume 180 bbls; Construction Material STEEL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☒ P AND A ☒
CASING/CEMENT JOB ☐
OTHER: ☐

13. 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 recompletion.

1/12/06 – 1/16/06

MIRU Triple N rig #25 and plugging equipment. Set steel working pit. Notified Sylvia Dickey & Gary Wink w/ NMOCD. ND wellhead, NU BOP. Tagged CIBP @ 4,045'. Circulated hole w/ mud, pumped 25 sx C cmt 4,045 – 3,645'. POOH w/ tbg to 3,317' and pumped 25 sx C cmt 3,317 – 2,947'. Perforated casing @ 2,090'. Established rate of 1 1/4 BPM @ 1,100 psi, and squeezed 40 sx C cmt 2,090 – 1,990', ISIP 1,000 psi. Tagged cmt @ 1,977'. Perforated casing @ 309'. Established circulation, and squeezed 50 sx C cmt 309 – 209'. RIH w/ wireline and tagged cmt @ 145'. ND BOP, pumped 10 sx C cmt 60' to surface. RDMO.

Cut off wellhead & anchors, installed dry hole marker, backfilled cellar.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE James F. Newman TITLE Engineer DATE 1/17/06

Type or print name James F. Newman, P.E. E-mail address: jim@triplenservices.com Telephone No. 432-687-1994

For State Use Only

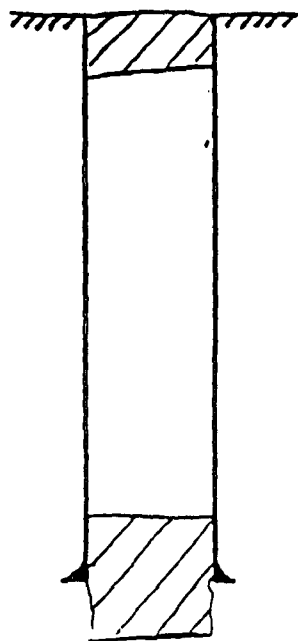
APPROVED BY: Gay W. Wink TITLE GE FIELD REPRESENTATIVE II/STAFF MANAGER

Conditions of Approval (if any):

DATE JAN 24 2006

OPERATOR	W. R. Weaver		DATE	10-14-2006
LEASE	CHARLIE A TAYLOR	WELL NO.	2	LOCATION SEC 11-T18S-R38E

Unit J 1980' FSL +
1980' FEL

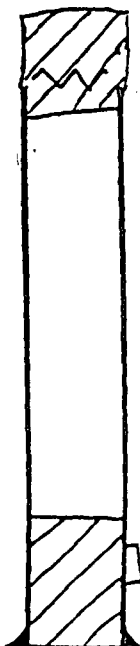


10 SX @ SURFACE

Plugged and Abandoned

25 SACK plug @ 342'

$8\frac{5}{8}$ " casing set at 342' with 200 sx of _____ cement
Hole size $12\frac{1}{4}$ " Cement Circulated



25 SX plug @ 2000'

SHOT + pulled $5\frac{1}{2}$ " @ 2700'

25 SX plug @ 2700'

25 SX plug @ 4165 -

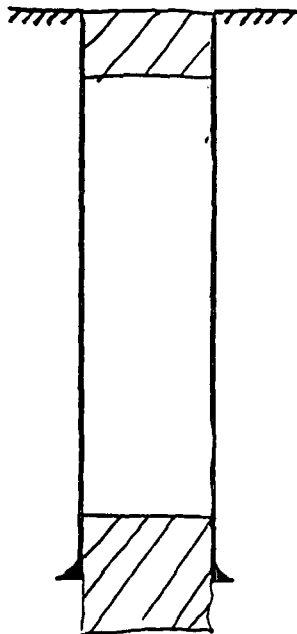
perf 4107 - 4118

$5\frac{1}{2}$ " casing set at 4165' with 400 sx of _____ cement

Total Depth 4165' Hole size $7\frac{7}{8}$ " TOC by TS
2740'

OPERATOR	Sinclair Oil and Gas		DATE	10-14-06
LEASE	Pearl Forest	WELL No	1	
		LOCATION	SEC 11- T18S- R38E	

unit H 1980' FNL + 660' FEI

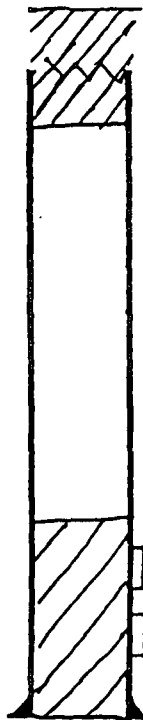


10 SXS @ SURFACE

Plugged + ABANDONED
7-3-57

15 SX plug @ 280 - 320'

$10\frac{3}{4}$ " casing set at 306' with 275 sx of _____ cement
Hole size ?" Cement Circulated.



SHOT AND pulled 7" @ 1176'
15 SX plug @ 1150 - 1200

Set 25 SX plug @ 4060 - 4200

perf 4084 - 96 , 4108 - 12

perf 4170 - 4180

7" casing set at 4200' with 200 sx of _____ cement

Total Depth 4200' Hole size $8\frac{3}{4}$ " / 1st stage 100 SX

AV @ 1914

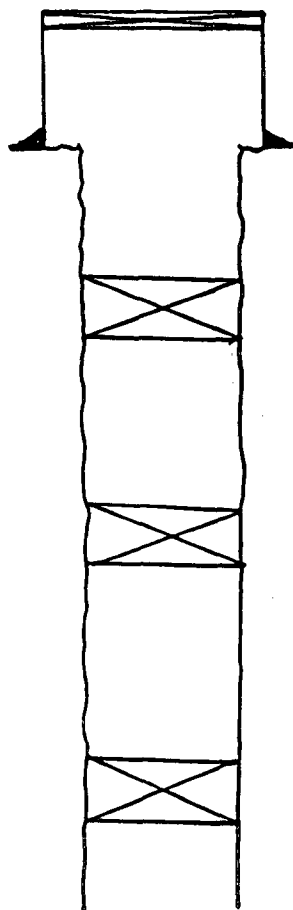
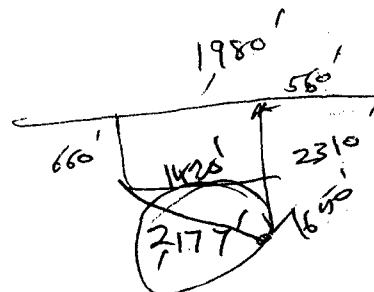
2nd stage 100 SX

TOC By TS @
1190'

OPERATOR Bishop Canyon Uranium Corp.		DATE 10-14-2006
LEASE (Pearl) Forest	WELL NO. 1	LOCATION Sec 11 - T18S - R38E

Location: Sec. 11, T-18-S, R-38-E
1980' FEL & 660' FNL, Unit B
Lea County, New Mexico

Operator: Bishop Canyon Uranium Corp.
Field: Bishop Canyon Queen
Perfs: Dry hole
Spud Date: 5/10/57
Plugging Date: 5/28/57
Total Depth: 5137'
Casing: 8-5/8" @ 319', 250 sx



PLUG @ SURFACE 10'-0'

PLUG @ 2050-2000'

PLUG @ 3200'-3150'

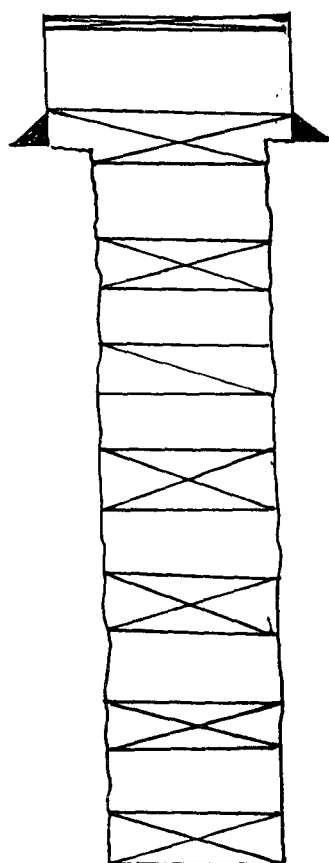
PLUG @ 4900'-4860'

T.D. 5137'

OPERATOR Robert N. Enrield		DATE 10-14-2006
LEASE Sinclair Williams	WELL NO. 1	LOCATION Sec 12 - T18S - R38E

Location: Sec. 12, T-18-S, R-38-E
990' FWL & 330' FNL, Unit D
Lea County, New Mexico

Operator: Robert N. Enrield
Field: Wildcat
Spud Date: 12/21/60
Plugging Date: 1/18/61
Total Depth: 6500'
Casing: 8-5/8" @ 353', 250 sx



PLUG @ SURFACE 10 SX5

PLUG @ 353' 25 SX5

PLUG @ 2000' 20 SX5

PLUG @ 3300' 20 SX5

PLUG @ 4100' 20 SX5

PLUG @ 4900' 20 SX5

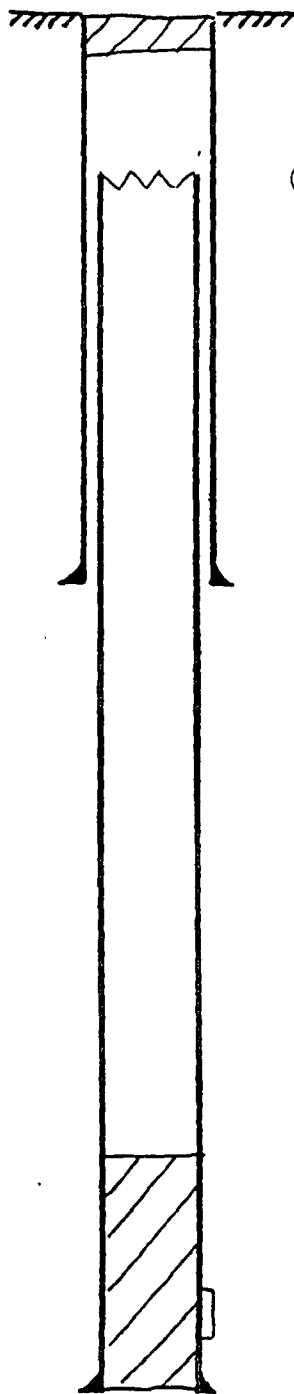
PLUG @ 6200' 20 SX5

PLUG @ 6500' 20 SX5

OPERATOR W. R. Weaver		DATE 10-14-2006	
LEASE SUNRAY-TAYLOR	WELL No. 1	LOCATION SEC 12-T18S-R38E	

Unit L 1980' FSL + 660' FWL

Plugged + Abandoned



10 SXS @ SURFACE

Cut 5 1/2" CSG @ 220' pulled 220'

8 5/8" casing set at 279' with 100 sx of cement

Hole size 12" Cement Circulated

40 SX plug @ 4175' - 3875'

perf 4108 - 4135'

5 1/2" casing set at 4175' with 800 sx of cement

Total Depth 4175' Hole size 7 7/8" 1st stage 400 SXS

AV @ 2045'

2nd stage 400 SXS

Fresh WATER WIND Mill



CAPROCK
LABORATORIES, INC.

3312 Bankhead Hwy.
Midland, Texas 79701
(915) 689-7252
FAX # (915) 689-0130

WATER ANALYSIS REPORT

N/A Sec. 11 - 185

38E

SAMPLE

Oil Co. : Seaco
Lease : Avra Oil Co.
Well No. : Williams Lease
Job No. : 0610095

Sample Loc. :
Date Analyzed : 25-October-2006
Date Sampled :
Analysis No. : 1

ANALYSIS

1. pH 6.450
2. Specific Gravity 60/60 F. 1.003
3. CaCO₃ Saturation Index @ 80 F. -0.285
@ 140 F. +0.315

Dissolved Gasses

4. Hydrogen Sulfide 16
5. Carbon Dioxide Not Determined
6. Dissolved Oxygen Not Determined

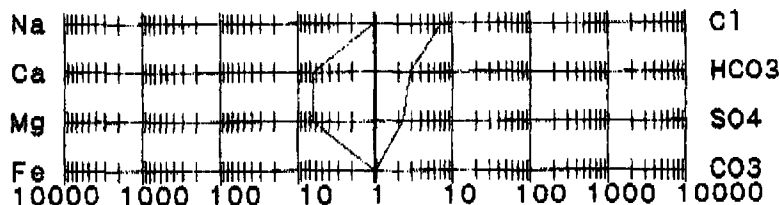
Cations

- | | | | | |
|----------------------------------|----------------|---|--------|------|
| 7. Calcium (Ca ⁺⁺) | 120 | / | 20.1 = | 5.97 |
| 8. Magnesium (Mg ⁺⁺) | 73 | / | 12.2 = | 5.98 |
| 9. Sodium (Na ⁺) | 0 | / | 23.0 = | 0.00 |
| 10. Barium (Ba ⁺⁺) | (Calculated) | | | |
| | Not Determined | | | |

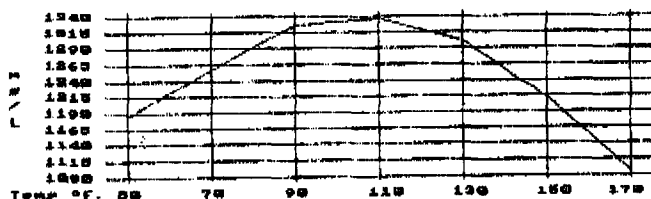
Anions

- | | | | | |
|--|------------|---|--------|------|
| 11. Hydroxyl (OH ⁻) | 0 | / | 17.0 = | 0.00 |
| 12. Carbonate (CO ₃ ⁼) | 0 | / | 30.0 = | 0.00 |
| 13. Bicarbonate (HCO ₃ ⁻) | 171 | / | 61.1 = | 2.80 |
| 14. Sulfate (SO ₄ ⁼) | 105 | / | 48.8 = | 2.15 |
| 15. Chloride (Cl ⁻) | 248 | / | 35.5 = | 6.99 |
| 16. Total Dissolved Solids | 717 | | | |
| 17. Total Iron (Fe) | 0 | / | 18.2 = | 0.00 |
| 18. Total Hardness As CaCO ₃ | 601 | | | |
| 19. Resistivity @ 75 F. (Calculated) | 2.783 /cm. | | | |

LOGARITHMIC WATER PATTERN *meq/L.



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION COMPOUND EQ. WT. X *meq/L = mg/L.

Ca(HCO ₃) ₂	81.04	2.80	227
CaSO ₄	68.07	2.15	146
CaCl ₂	55.50	1.02	57
Mg(HCO ₃) ₂	73.17	0.00	0
MgSO ₄	60.19	0.00	0
MgCl ₂	47.62	5.98	285
NaHCO ₃	84.00	0.00	0
NaSO ₄	71.03	0.00	0
NaCl	58.46	-0.02	-1

*Milli Equivalents per Liter

James L. Smith
Analyst

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION
P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

3a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
3. State Oil & Gas Lease No. N/A	

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name N/A
2. Name of Operator QUANAH PETROLEUM, INC.		8. Farm or Lease Name WILLIAMS
3. Address of Operator 4835 LBJ FREEWAY SUITE 525 DALLAS, TEXAS 75234		9. Well No. 2
4. Location of Well UNIT LETTER <u>H</u> <u>2310</u> FEET FROM THE <u>NORTH</u> LINE AND <u>560</u> FEET FROM THE <u>EAST</u> LINE, SECTION <u>11</u> TOWNSHIP <u>18N</u> RANGE <u>38E</u> NMPM.		10. Field and Pool, or Village BISHOP CANYON
15. Elevation (Show whether DF, RT, CR, etc.) 3640.9 GL		12. County LEA

16. 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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. 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.

1-21-82: Ran 118 jts. of 4 1/2", 9.5 #/ft., J55, 8rd, ST&C casing w/shoe @ 5098.80 and float collar @ 5053.12 RKB.

1-21-82: Cement 4 1/2" casing w/800 sx BJ Lite w/10#/sx salt, 1/4#/sxflocele, .5% D19 @ an av. slurry wt. of 12.7 ppg tailed in w/200sx Class C (50/50 poz) w/ 1% D 19 @ an average slurry wt. of 13.7 ppg. Good mud returns throughout job, no cement to surface. Calculated top of cement @ + 300 ft. from surface.

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

SIGNED Jerry Sexton TITLE Drilling Superintendent DATE Feb. 1, 1982
Orig. Signed By
Jerry Sexton
APPROVED BY Diet L. Surge TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

FEDERAL CONSERVATION DIVISION
P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
N/A	
7. Unit Agreement Name	
N/A	
8. Farm or Lease Name	
Williams	
9. Well No.	
2	
10. Field and Pool, or Wildcat	
Bishop Canyon	
12. County	
Lea	

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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	
2. Name of Operator	
Quanah Petroleum, Inc.	
3. Address of Operator	
4835 LBJ Freeway, Suite 525 Dallas, Texas 75234	
4. Location of Well	
UNIT LETTER <u>H</u> , <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>560</u> FEET FROM	
THE <u>East</u> LINE, SECTION <u>11</u> TOWNSHIP <u>18S</u> RANGE <u>38E</u> NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	
3640.9 GR	

16. 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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER <u>Spud well, run surface casing</u> <input checked="" type="checkbox"/>	

17. 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.

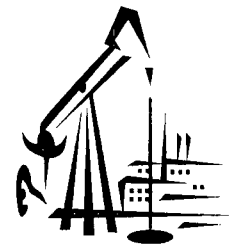
- The Williams #2 well was spudded at 0700 hours 1-9-82.
- Ran 9 joints 8-5/8", 23# surface casing set at 318'. Cemented with 225 sacks Class C 2% CaCl₂. Cement circulated to surface.

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

SIGNED [Signature] TITLE Operations Engineer DATE 1-13-82

APPROVED BY [Signature] TITLE Supervisor DATE 1-13-82
CONDITIONS OF APPROVAL, IF ANY:

Avra Oil Company



RECEIVED

November 29, 2006

DEC 28 2006

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

David Catanach
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Re: Application to Dispose of Oil and Gas Waste by Injection into a
Reservoir Not Productive of Oil or Gas – Williams Lease Well No. 2
API #: 30-025-27643
Unit H, Sec. 11, T-18S, R38E
Lea County, NM

Gentleman:

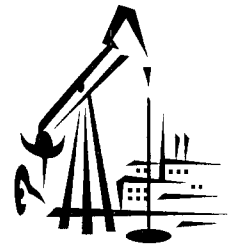
Enclosed please find the following documents required for approval of the above
Referenced application:

Newspaper publication of application and Publisher's Affidavit from
Hobbs News-Sun, the newspaper for general circulation for this
application.

Sincerely,

Saeed Afghahi
Petroleum Engineer

Avra Oil Company



RECEIVED

DEC 28 2006

December 22, 2006

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Mr. Will Jones
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Re: Publication in Newspaper for Application for Salt Water Disposal Well
Williams #2 – API #: 30-025-27643
Unit H, Sec 11, T-18S, R-38E
Lea County, NM

Gentleman:

Enclosed please find a copy of the affidavit and newspaper publication for the Application for Salt Water Disposal well for the Williams #2.

Should you need any additional information, please do not hesitate to call at (432) 682-4866.

Sincerely,

Saeed Afghahi

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

December 3 2006

and ending with the issue dated

December 3 2006

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 4th day of

December 2006

[Signature]
Notary Public.

My Commission expires
February 07, 2009
(Seal)



My Commission Expires: _____

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

RECEIVED

DEC 28 2006

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

LEGAL NOTICE
DECEMBER 3, 2006

Avra Oil Company, P.O. Box
3193, Midland, Texas
79702, has filed form C-108
(Application for Authorization
to Inject) with the New Mexi-
co Oil Conservation Division
seeking administrative ap-
proval for an injection well.
The proposed well, The Wil-
liams No. 2 located 2310'
ENL & 560' FEL, Unit L,
Section 11, Township 18
South, Range 38 East of Lea
County, New Mexico, will be
used for salt water disposal.
Disposal waters from the
San Andres and Queen will
be injected into the Queen
Sand at a depth of 4092' -
4102' with maximum pres-
sure of 2100 psi and a maxi-
mum rate of 1,000 BWPD.

All interested parties oppos-
ing the aforementioned must
file objections or requests for
a hearing with the Oil Con-
servation Division, 1220
South Saint Francis Drive,
Santa Fe, New Mexico
87505-5472, within 15 days.
Additional information can
be obtained by contacting
Saeed Afghani at (432) 682-
4866.
#22809

67102059000 67541092
AVRA OIL CO.
P.O. BOX
MIDLAND, TX

Injection Permit Checklist

SWD Order Number: 1066 Dates: Division Approved _____ District Approved _____

Information Request Letter or Email sent _____

Well Name/Num: Williams #2 Date Spudded: 1/19/82

API Num: (30-) 025-27643 County: LEA

Footages: 2310 FNL/560 FEL Sec 11 Tsp 18S Rge 38E

Operator Name: AVRA OIL COMPANY Contact: SAEED AFGHAHI

Operator Address: PO BOX 3193 MIDLAND, TX 79702

	Hole/Pipe Sizes	Depths	Cement	Top/Method
Surface	11 8 5/8	318	300 225	CIRC
Intermediate				
Production	7 7/8 4 1/2	5100'	1000	300' T.S.
Last DV Tool				
Open Hole/Liner				
Plug Back Depth				

Diagrams Included (Y/N): Before Conversion ☒ After Conversion ☒

Checks (Y/N): Well File Reviewed ☒ ELogs in Imaging ☒

Intervals:	Depths	Formation	Producing (Yes/No)
Salt/Potash			
Capitan Reef			
Cliff House, Etc:			
Formation Above			
Top Inj Interval	4092	Queen	Yes (first mile) 818 PSI Max. WHIP
Bottom Inj Interval	4102	Queen	Yes "
Formation Below	4800-4900	SA	Yes

Fresh Water Site Exists (Y/N) Yes Analysis Included (Y/N) Yes

Salt Water Analysis: Injection Zone (Y/N/NA) SA Disposal Waters (Y/N/NA) SA Types: SA

Affirmative Statement Included (Y/N): Newspaper Notice Adequate (Y/N) Yes Well Table Adequate (Y/N) Yes

Surface Owner: Christine Williams Noticed (Y/N) Yes Mineral Owner(s) _____

AOR Owners: Kerr McGee, Branch, Tom Jones other _____ Noticed (Y/N) _____

CID/Potash/Etc Owners: _____ Noticed (Y/N) _____

AOR Num Active Wells 2 Repairs? _____ Producing in Injection Interval in AOR NO

AOR Num of P&A Wells 7 Repairs? _____ Diagrams Included? Yes

Data to Generate New AOR Table

New Table Generated? (Y/N) _____

	STR	E-W Footages	N-S Footages
Wellsite			
Northeast			
North			
Northwest			
West			
Southwest			
South			
Southeast			
East			

Conditions of Approval:

1. w/2 of 12 = who?
2. _____
3. _____
4. _____

RBDMS Updated (Y/N) _____

UIC Form Completed (Y/N) _____

This Form completed _____

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, November 21, 2006 8:14 PM
To: 'avraoil@sbcglobal.net'
Cc: Ezeanyim, Richard, EMNRD; Williams, Chris, EMNRD
Subject: SWD Application: Williams Well No. 2 30-025-27643

Hello Mr. Afghahi:

The Division has reviewed your application and has the following requests:

- 1) Our new rules for notification are copied below:

701B. Method of making application.

(2) The applicant shall furnish, by certified or registered mail, a copy of the application to each owner of the surface of the land on which each injection or disposal well is to be located and to each leasehold operator or other "affected person" within any tract wholly or partially contained within one-half mile of the well. Affected person shall mean the (a) division designated operator; (b) in the absence of an operator, any lessee whose interest is evidenced by a written conveyance document either of record or known to the applicant as of the date he files the application; and (c) in the absence of an operator or lessee, any mineral interest owner whose interest is evidenced by a written conveyance document either of record or known to the applicant as of the date he filed the application.

Within Section 12 to the East, it appears there is no "operator"....Have you noticed the lessees (or if no lessees, the mineral owners)?

- 2) Please send a copy of the notice as published in the newspaper. ✓
 3) Please send a copies of water analysis for the Queen and for the San Andres and a statement about compatibility. ✓
 4) Send a wellbore diagram of the well after conversion to injection - showing the tubing and packer in place. ✓
 5) Your perfs to inject (4092 - 4102) are the same as on the Williams #1 diagram (instead of on the Williams #2 diagram) ✓

It appears the well diagrams had some mistakes but are you sure of these perforations?

- 6) Your Queen Sand interval to inject into is very narrow and the Queen is notoriously tight.... Have you considered injecting into the San Andres after squeezing the Queen or even into both intervals at once? The San Andres is a carbonate and appears to have decent porosity and already perforated and depleted. You would have to make sure there will be no harm to San Andres producing wells by your injection operations....Just wondering if you had considered this.
 7) You will have to obtain additional pressure increases for this well by proving the fracture pressure with Step Rate Tests on this well. Offset wells could have different stresses in the Queen. The stresses will change after years of injection into the Queen.

Thank you in advance for answering these questions.

Regards,

William V. Jones PE

(432-682-4866)

Called Sholly
 12/21
 reminder of newspaper
 notice.
 will