DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
7/24/08		W Jones	7/24/08	WFX	PKVR0820651106

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 _____

Carlsbad Pecos Fed Unit #15

RECEIVED
2008 JUL 24 PM 1 50

[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.

Stan Wagner	Stan Wagner	Regulatory Analyst	7/21/08
Print or Type Name	Signature	Title	Date

e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: EOG Resources, Inc.

ADDRESS: P.O. Box 2267 Midland, TX 79702

CONTACT PARTY: Stan Wagner PHONE: 432-686-3689

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? X Yes ____ No
If yes, give the Division order number authorizing the project: R-11099

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: Stan Wagner TITLE: Regulatory Analyst

SIGNATURE: Stan Wagner DATE: 7/21/08

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: Case #12047 9/17/98

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

eog resources

EOG Resources, Inc.
4000 North Big Spring, Suite 500
Midland, TX 79705
(915) 686-3600

July 9, 2008

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Bureau of Land Management
620 E. Greene
Carlsbad, NM 88220

Re: Application of EOG Resources, Inc. for administrative approval of Expansion of its Corbin Delaware Federal Unit Pressure Maintenance Project, Lea, County, New Mexico.

To Whom it May Concern,

Enclosed please find a copy of the application of EOG Resources, Inc. (Oil Conservation Division Form C-108) in the above-referenced matter for approval of the expansion of its Corbin Delaware Federal Unit Pressure Maintenance Project with the addition of one injection well: the Corbin Delaware Federal Unit Well No. 15 located 810 feet from the North line and 1980 feet from the East line of Section 18, Township 18 South, Range 33 East, NMPM, Lea County, New Mexico. EOG proposes to re-inject water produced from the Delaware formation into the unitized interval of the Delaware formation in the Corbin Delaware Federal Unit Area at a measured depth of 4950 feet to 5142 feet in Well No. 15. The injection will occur with a maximum injection pressure of 1500 psi and a maximum injection rate of 1000 barrels of water per day as fully described in the application.

This application is provided to you as owner of the surface of the land upon which the subject well is located. If you object to this application your objection must be filed in writing with the Santa Fe Office of the Oil Conservation Division located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within 15 days of the date of this letter. If there is no objection, the Division Director may approve this application.

Sincerely,

EOG RESOURCES, INC.

Stan Wagner
Regulatory Analyst

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bureau of Land Management
620 E. Greene
Carlsbad, NM 88220

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* Margo Bowell

B. Date of Delivery 7-11

C. Signature
x Margo Bowell ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7099 3220 0005 7554 9153

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

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

July 12 2008

and ending with the issue dated

July 12 2008

Kathi Bearden

PUBLISHER

Sworn and subscribed to before me this 14th day of July 2008

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.

LEGAL
July 12, 2008

EOG Resources, Inc., P.O. Box 2267, Midland, TX 79702, will file form C-108 (Application for Authorization To Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a water injection well.

The **Corbin Federal Delaware Unit No. 15** is located 810' FNL & 1980' FEL, Section 18, Township 18 South, Range 33 East, Lea County, New Mexico. Injection water will be sourced from area wells producing from the Delaware formation. The injection water will be injected into the Delaware sand formation at a depth of 4950'- 5102', a maximum surface pressure of 1500 psi, and a maximum rate of 1000 BWPD.

All interested parties opposing the action must file objection or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 within 15 days. Additional information may be obtained by contacting Stan Wagner at P.O. Box 2267, Midland, TX 79702, or 432.686.3600.
#24220

01105308000 67551879

EOG RESOURCES,INC.
P.O. BOX 2267
MIDLAND, TX 79702

Side I

INJECTION WELL DATA SHEET

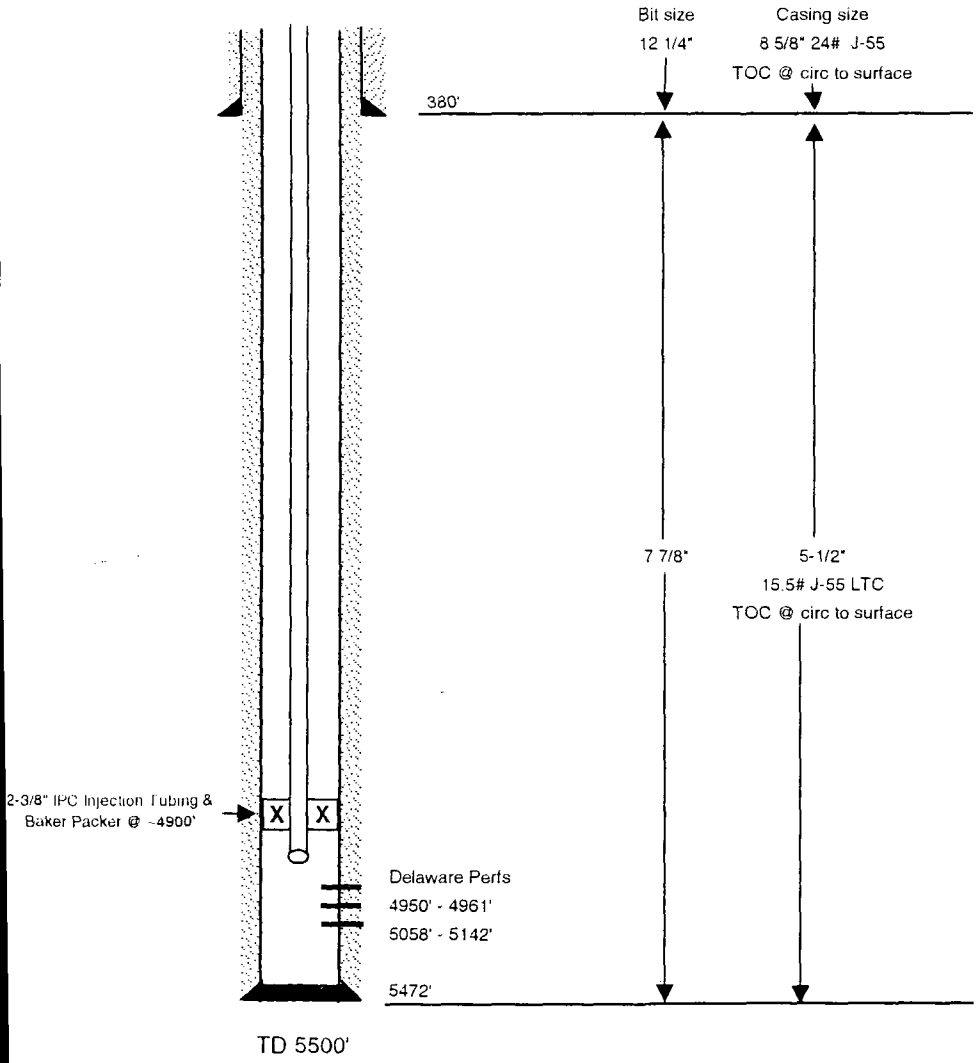
OPERATOR: EOG Resources, Inc.

WELL NAME & NUMBER: Corbin Federal Delaware Unit # 15

WELL LOCATION:	810' FNL & 1980' FEL	B	18	18S	33E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

Proposed Wellbore



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12-1/4 Casing Size: 8-5/8

Cemented with: 220 sx. *or* _____ ft³

Top of Cement: surface Method Determined: circulation

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: 5-1/2

Cemented with: 1650 sx. *or* _____ ft³

Top of Cement: surface Method Determined: circulation

Total Depth: 5500'

Injection Interval

4950' feet to 5102'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8" Lining Material: Internal Plastic Coating

Type of Packer: Baker Injection

Packer Setting Depth: +/- 4900'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

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

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

2. Name of the Injection Formation: Delaware Sand

3. Name of Field or Pool (if applicable): Corbin; Delaware, West

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

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Bone Spring 7800'

   Wolfcamp 11200'

APPLICATION FOR AUTHORIZATION TO INJECT
CORBIN FEDERAL DELAWARE UNIT NO. 15

VII. PROPOSED OPERATION

(1) Proposed Average Daily Rate and Volume: 500 BWIPD
Proposed Maximum Daily Rate and Volume: 1000 BWIPD

(2) Open or Closed System: Closed

(3) Proposed Average Injection Surface Pressure: 500 psi
Proposed Maximum Injection Surface Pressure: 1500 psi
Note: Original Delaware formation BHP 9500 psi.

(4) Produced Delaware, Wolfcamp, & Bone Spring Formation Water from West Corbin Delaware Field (see attached analysis)

(5) N/A

VIII. GEOLOGIC DATA ON INJECTION ZONE

Injection Zone: Delaware Sandstone Perfs 4950' – 5142'
Lithologic Detail: Fine grain sandstone
Geological Name: Delaware Mountain Group (Guadalupian)
Thickness: Delaware – 200'
Depth: Top of Delaware at 4950'
Underground Sources of Drinking Water:

Fresh water sources in the immediate area have been encountered in aquifers above 250'. These aquifers are found in the Pliocene age Ogallala and Pleistocene age alluvial sediments and consist for the most part of alternating calcareous silt, fine sand and clay. There are no other sources of fresh water underlying the injection interval.

IX. PROPOSED STIMULATION

None at this time

X. LOGGING AND TESTING DATA ON INJECTION WELL

Logs have previously been submitted

XI. CHEMICAL ANALYSIS OF WATER FROM FRESH WATER WELLS WITHIN ONE MILE OF THE INJECTION WELL

A review of the State Engineers records shows no fresh water wells within one mile of the injection well.

XII. Available geologic and engineering data has been examined and no evidence has been found of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

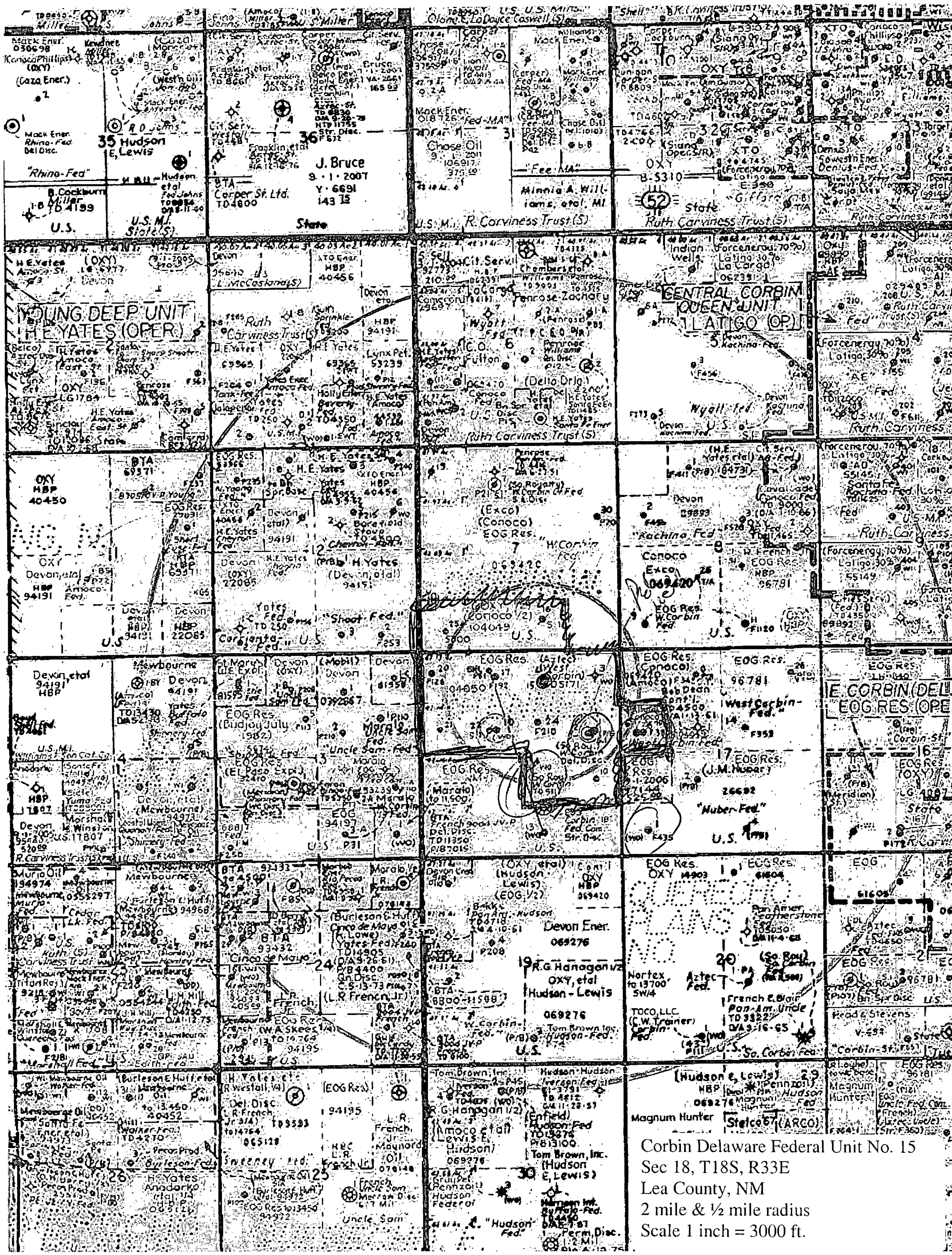
XIII. See attached "Proof of Notice".

Surface Owner:

Bureau of Land Management
P.O. Box 620 E. Greene
Carlsbad, NM 88220

Offset Operators:

EOG is the only operator within a ½ mile radius of the injector.



Corbin Delaware Federal Unit No. 15
Sec 18, T18S, R33E
Lea County, NM
2 mile & ½ mile radius
Scale 1 inch = 3000 ft.

EOG Resources, Inc
1/2 Mile Area of Review
Application for Authorization to Inject CFDU No. 15

						Surface Casing			Production Casing			
Operator	Lease/Well	Status	Location	Spud Date	TMD	Size	Depth	Cement	Size	Depth	Cement	Producing Perfs
EOG Resources	West Corbin Federal # 25	Producer	Sec 07-18S-33E	01/06/91	11510'	13-3/8"	386'	400 C	5-1/2"	11510'	1980 H	10826' - 11398'
EOG Resources	West Corbin Federal # 16	SWD	Sec 07-18S-33E	10/15/89	11700'	13-3/8"	365'	1500 C	5-1/2"	11700'	2825 H	8666' - 8982'
EOG Resources	West Corbin Federal # 3	P&A	Sec 18-18S-33E	01/25/77	5170'	8-5/8"	332'	295 C	none			
EOG Resources	West Corbin Federal # 12	Producer	Sec 18-18S-33E	04/18/89	11450'	13-3/8"	347'	375 C	5-1/2"	11450'	1755 H	10880' - 11318'
EOG Resources	Corbin Fed Delaware Unit # 15	Producer	Sec 18-18S-33E	09/15/89	5500'	8-5/8"	380'	220 C	5-1/2"	5500'	1650 C	4950' - 4961'
EOG Resources	Corbin Fed Delaware Unit # 17	Producer	Sec 18-18S-33E	11/22/89	5520'	8-5/8"	368'	310 C	5-1/2"	5520'	1280 C	4902' - 5006'
EOG Resources	Corbin Fed Delaware Unit # 20	Producer	Sec 18-18S-33E	04/01/90	5500'	8-5/8"	415'	340 C	5-1/2"	5500'	1255 C	4912' - 5014'
EOG Resources	West Corbin Federal # 18	Producer	Sec 18-18S-33E	11/08/89	11532'	13-3/8"	367'	400 C	5-1/2"	11532'	1600 H	8374' - 11303'
EOG Resources	Corbin Fed Delaware Unit # 22	Producer	Sec 18-18S-33E	04/14/90	5500'	8-5/8"	437'	280 C	5-1/2"	5500'	1350 C	4942' - 5088'
EOG Resources	Corbin Fed Delaware Unit # 24	Producer	Sec 07-18S-33E	01/06/91	5550'	8-5/8"	430'	400 C	5-1/2"	5550'	1980 H	4962' - 5014'
EOG Resources	West Corbin Federal # 1	Producer	Sec 18-18S-33E	08/14/74	13700'	13-3/8"	367'	320 sx	5-1/2"	13700'	300 sx Class H	10940' - 11285'
EOG Resources	Corbin Fed Delaware Unit # 2	Producer	Sec 18-18S-33E	07/29/76	5207'	8-5/8"	363'	270 C	5-1/2"	5206'	660 Hal Lite & C	5030' - 5086'
EOG Resources	West Corbin Federal # 10	Producer	Sec 18-18S-33E	10/09/88	11450'	13-3/8"	360'	370 C	5-1/2"	11450'	1712 H	10858' - 11330'
EOG Resources	Corbin Fed Delaware Unit # 4	WIW	Sec 18-18S-33E	02/04/78	5117'	8-5/8"	340'	250 C	5-1/2"	5117'	700 Lite & C	5032' - 5062'
EOG Resources	Corbin Fed Delaware Unit # 6	Producer	Sec 17-18S-33E	04/24/89	5450'	8-5/8"	377'	200 C	5-1/2"	5450'	900 C & H	5004' - 5144'

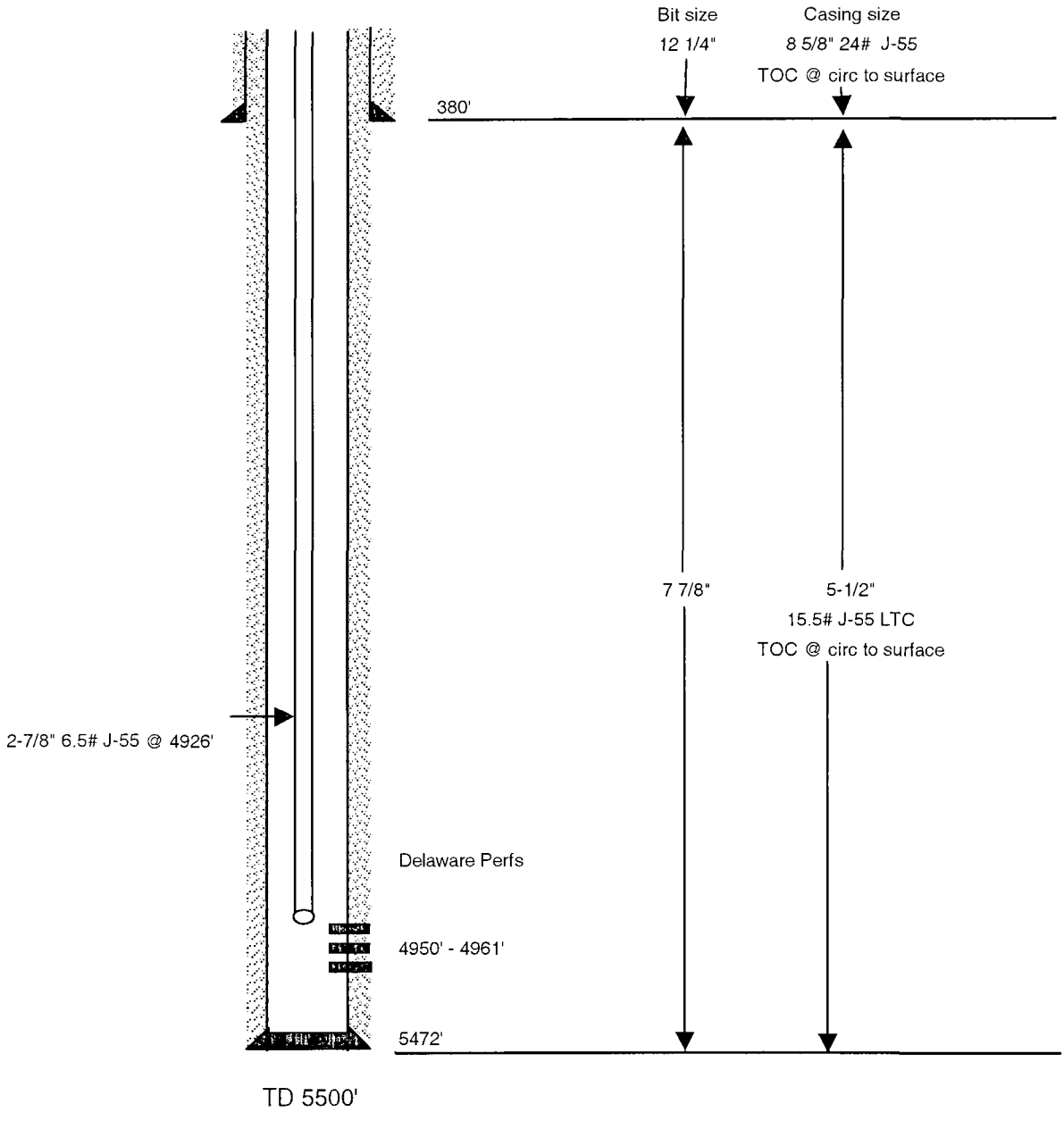
NO DIAGRAM, BUT OK

eog resources

Corbin Federal Delaware Unit No. 15

810' FNL & 1980' FEL
Sec. 18-18S-33E
Lea County, New Mexico
30-025-30658

Current Wellbore

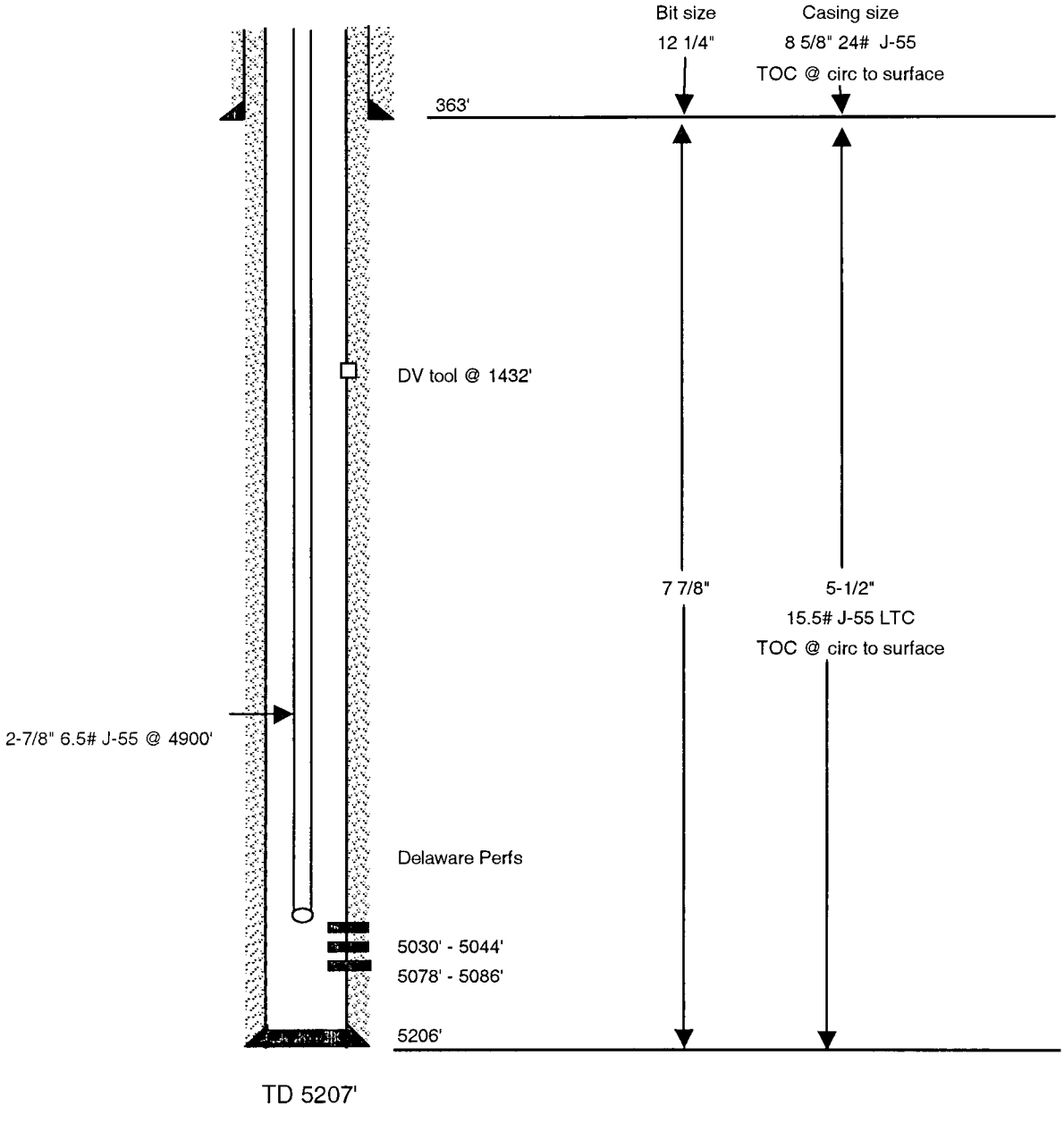


7/9/2008

eog resources

Corbin Federal Delaware Unit No. 2

2080' FNL & 860' FEL
Sec. 18-18S-33E
Lea County, New Mexico
30-025-25309

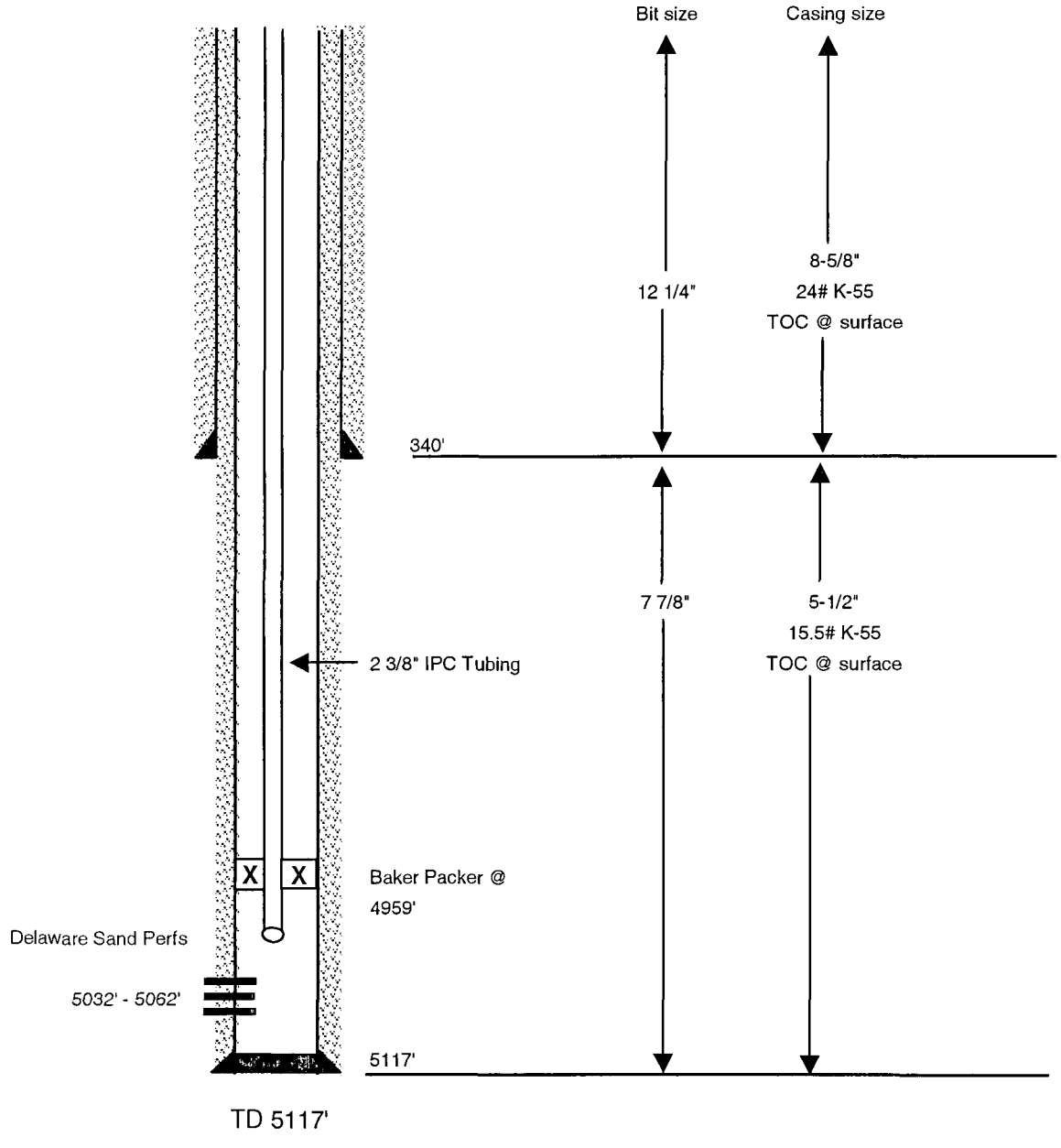


6/5/2008

eog resources

Corbin Federal Delaware Unit No. 4

2310' FSL & 2310' FEL
Sec. 18-18S-33E
Lea County, New Mexico
30-025-25448

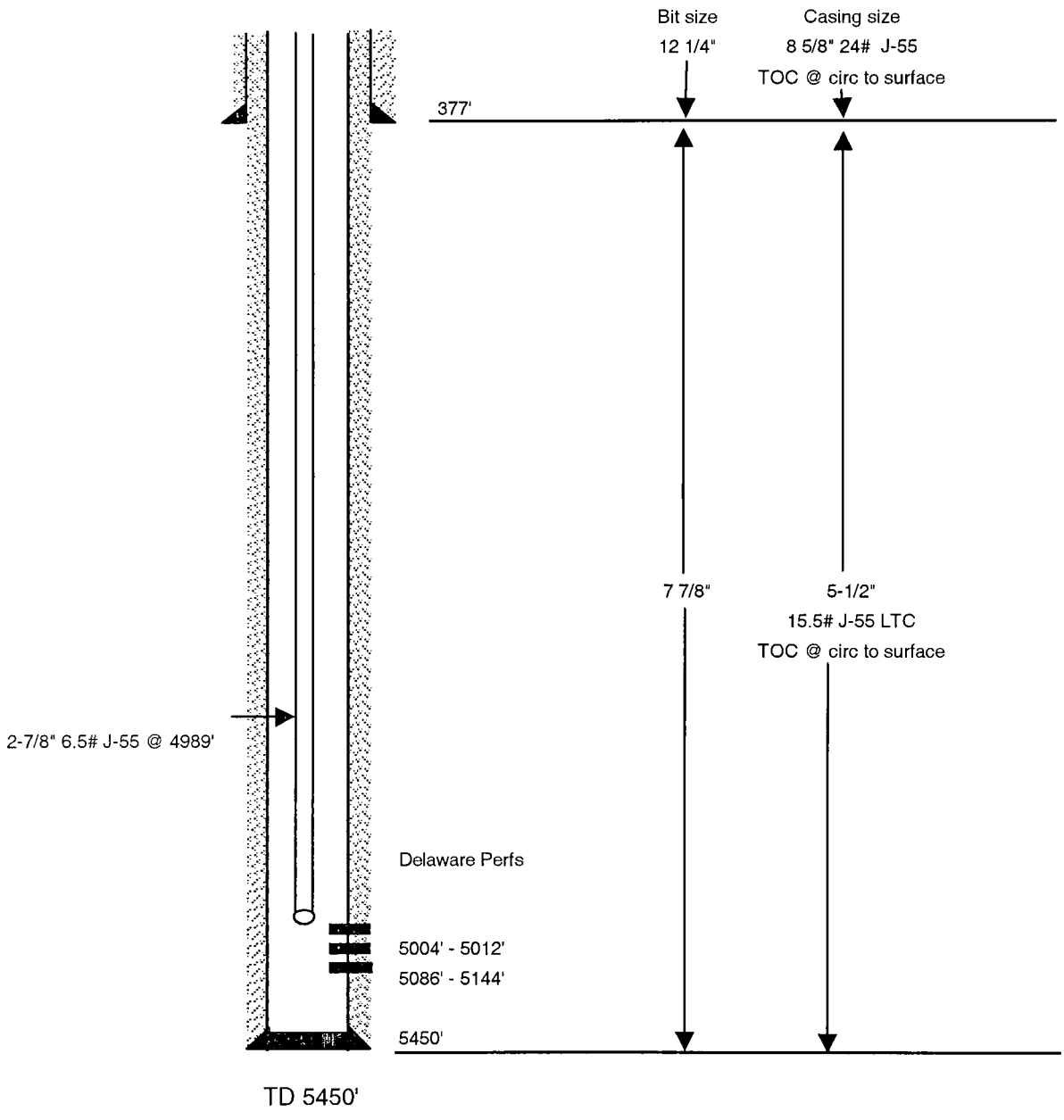


6/5/2008

eog resources

Corbin Federal Delaware Unit No. 6

2076' FNL & 411' FWL
Sec. 17-18S-33E
Lea County, New Mexico
30-025-30430



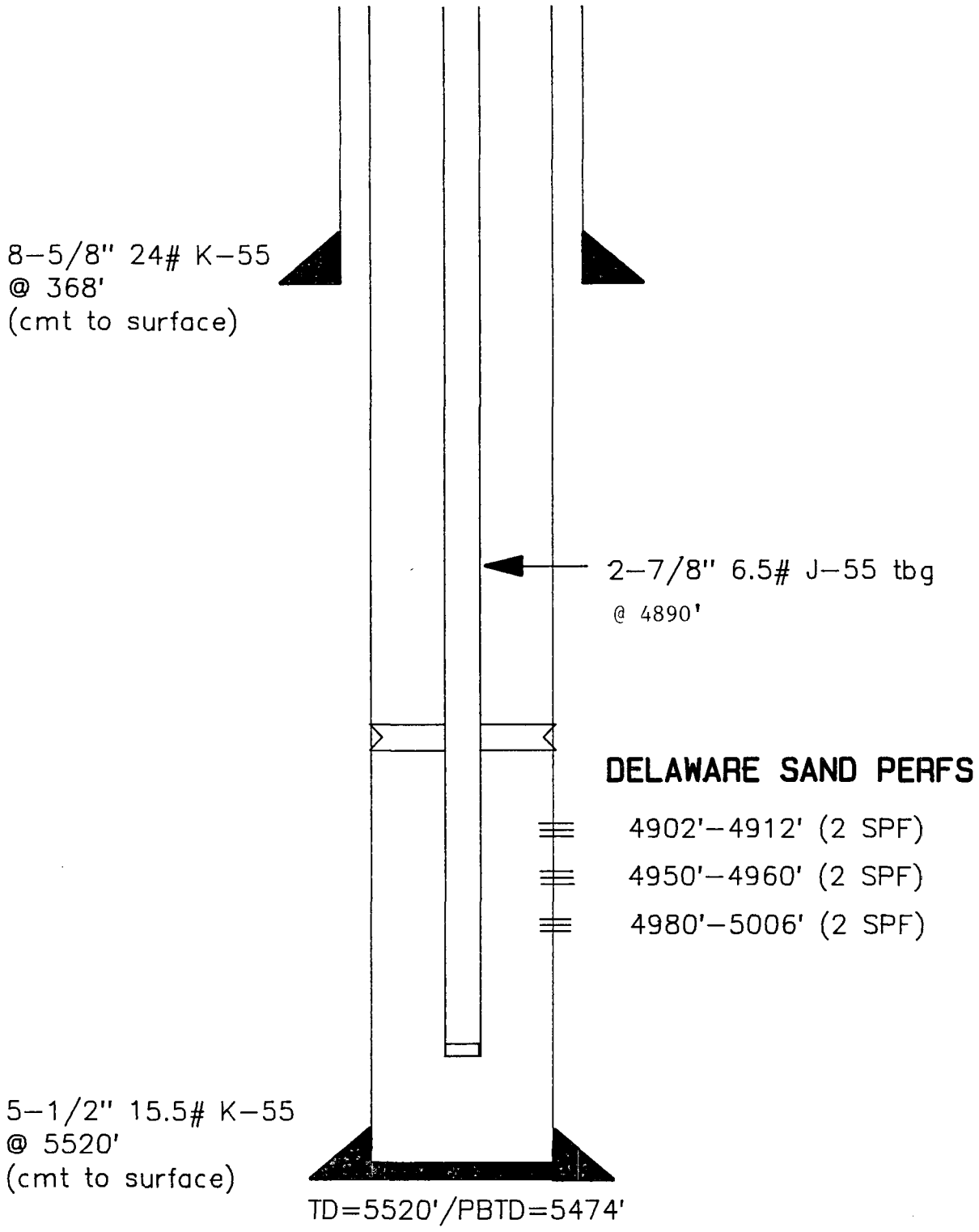
6/5/2008

Corbin Federal Delaware Unit # 17

WEST CORBIN (DELAWARE) FIELD

LEA COUNTY, NEW MEXICO

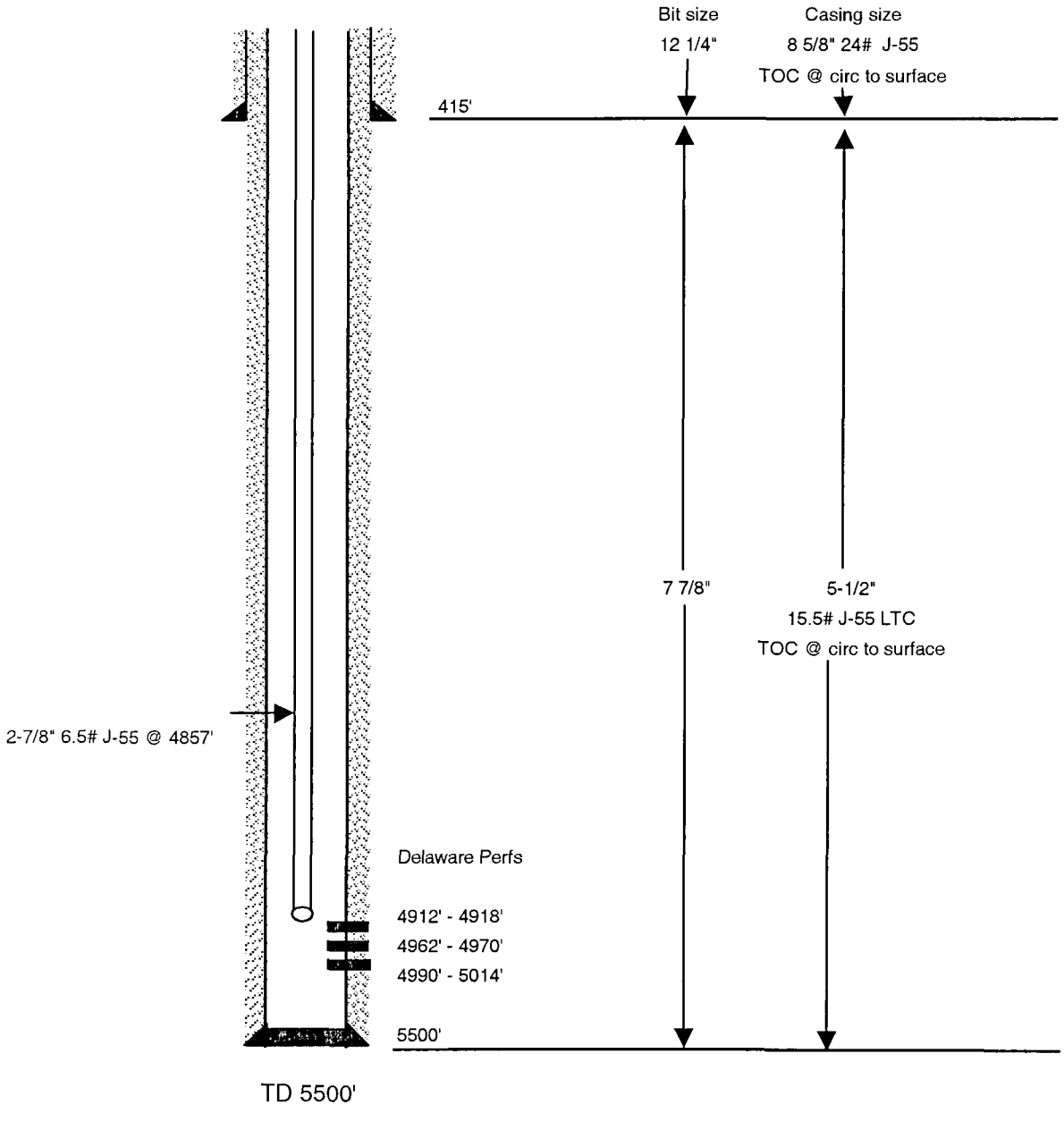
30-025-30727



eog resources

Corbin Federal Delaware Unit No. 20

500' FNL & 330' FWL
Sec. 18-18S-33E
Lea County, New Mexico
30-025-30810

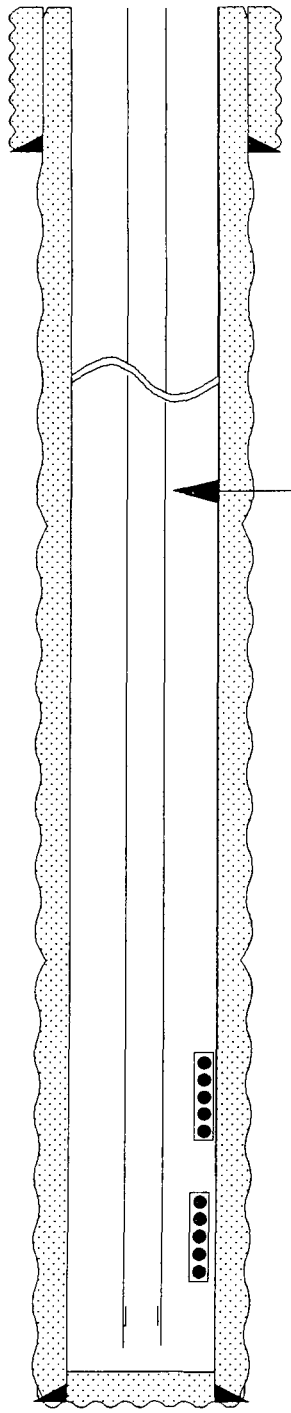


TD 5500'

6/5/2008

Corbin Federal Delaware Unit #22

FIELD: WEST CORBIN (DELAWARE)
DATE SPUD: 04/14/90 **COMP:** 05/10/90
LEASE: CFDU **WELL NO.** 22
ELEVATION: 3896' KB/3880' GL
LOCATION: 1980' FNL & 1780' FWL
LEA COUNTY, NEW MEXICO
30-025-30860



8 5/8", 24#, K-55 @ 437'
TOC @ SURFACE

TUBING STRING:
2 7/8", 6.5#, J-55
@ 5124'

DELAWARE PERFORATIONS:
4942'-4948'
5004'-5008'
5026'-5060'
5084'-5088'
2 SPF, 104 HOLES

5 1/2", 15.5#, K-55 @ 5500'
TOC @ SURFACE

PRESENT CONFIGURATION
TD: 5500'
PBTD: 5455'

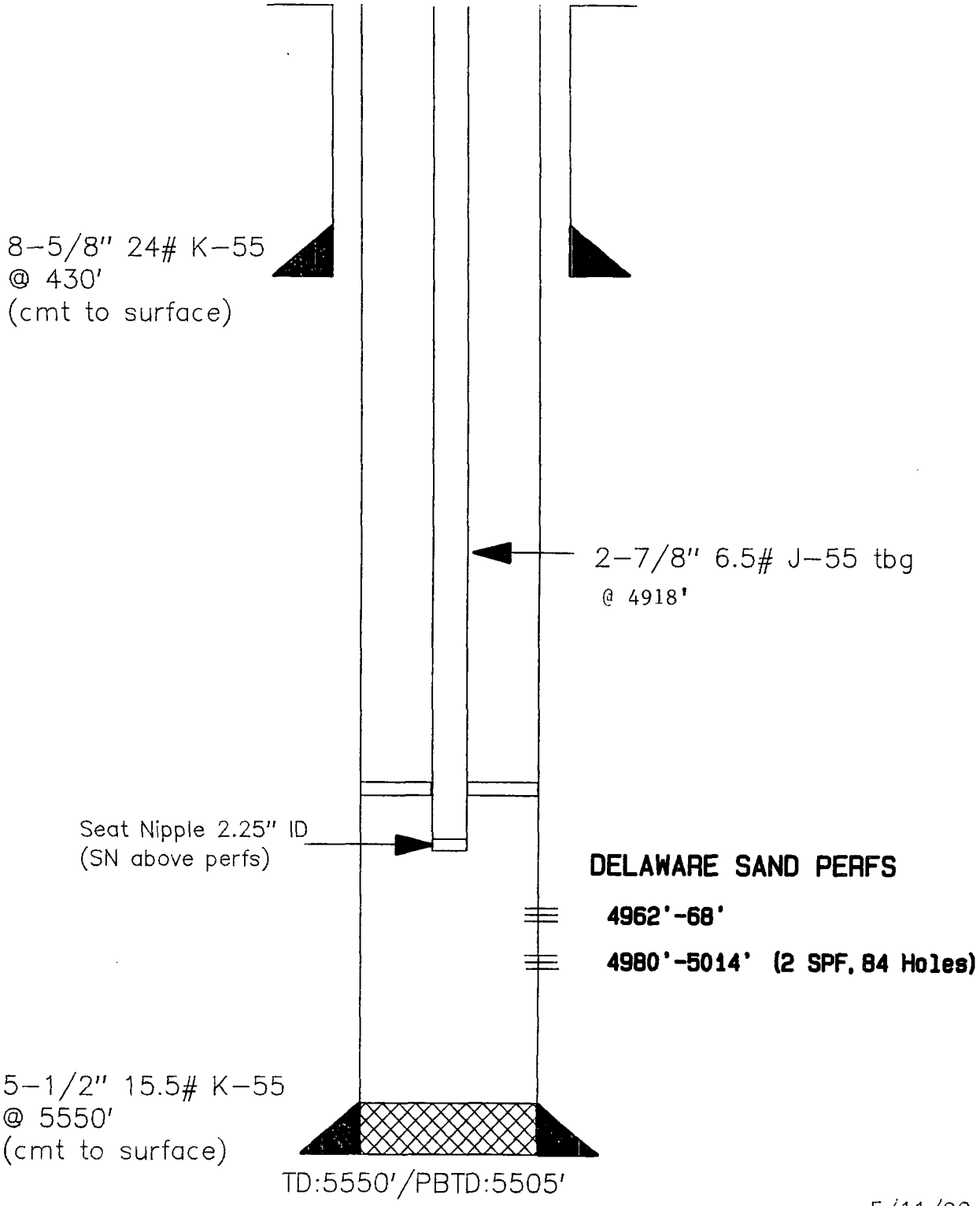
DJC/WC22
05/05/93

Corbin Federal Delaware Unit #24

WEST CORBIN (DELAWARE) FIELD

LEA COUNTY, NEW MEXICO

30-025-30889



5/11/90 JEK

eog resources

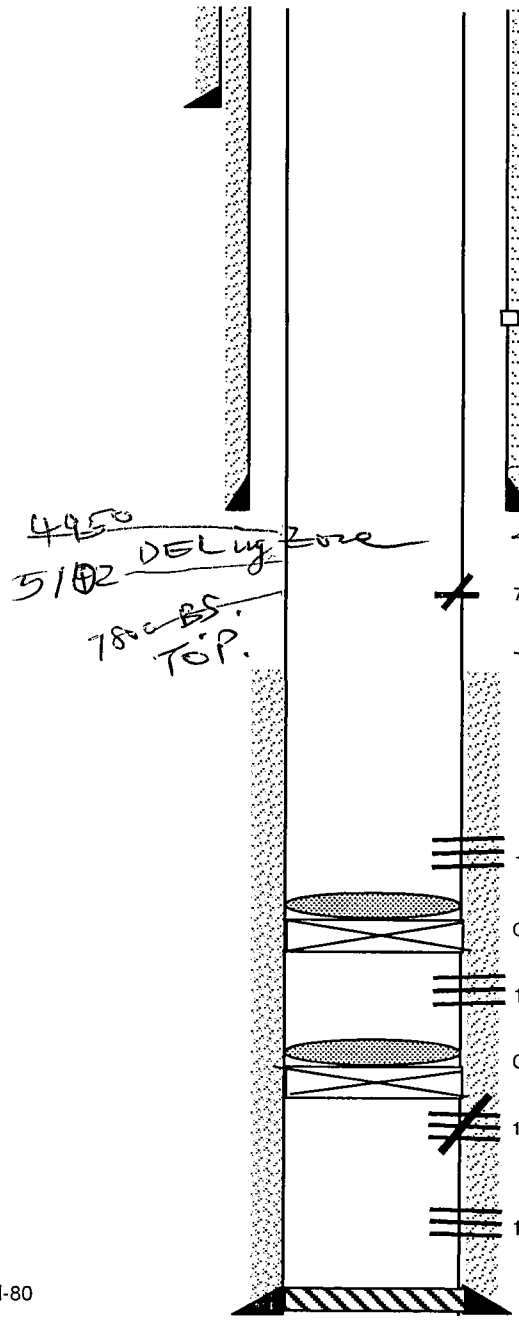
West Corbin Federal No. 1

1980' FNL & 660' FEL
Sec. 18-18S-33E
Lea County, New Mexico
API 30-025-24744

17-1/2" hole
13-3/8", 48#, H-40
320 sx, circ to surface

12-1/4" hole
8-5/8", 32# K-55 & 24#, K-55
2400 sx Homco Lite, 265 sx C
circ to surface

7-7/8 hole
5-1/2", 20# P-110 & 20# & 17# N-80
300 sx H
TOC at 10330' CBL

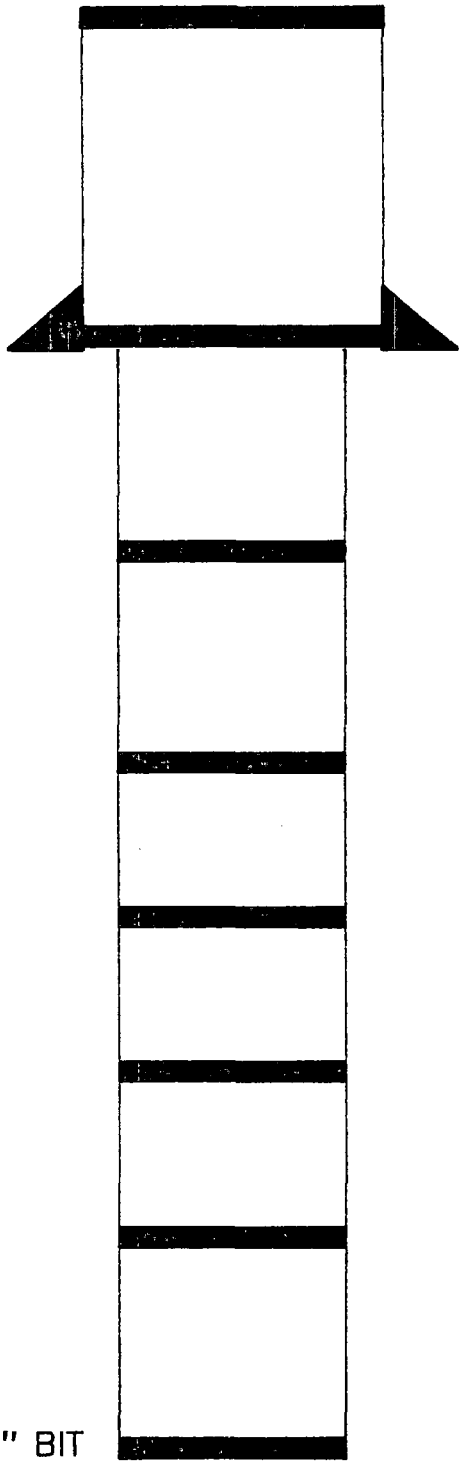


TD 13700'

6/12/2008

WEST CORBIN FEDERAL #3 30-025-25423

WEST CORBIN FIELD
LEA COUNTY, NEW MEXICO
CURRENT SCHEMATIC (2/77)



10 sx @ surface

8-5/8" 24# K-55
@ 332'
(cmt to surface)

50 sx @ 332' (shoe)

50 sx @ 1380' (Anhydrite)

50 sx @ 2700' (Base salt)

50 sx @ 3295' (Yates)

50 sx @ 4090' (Queen)

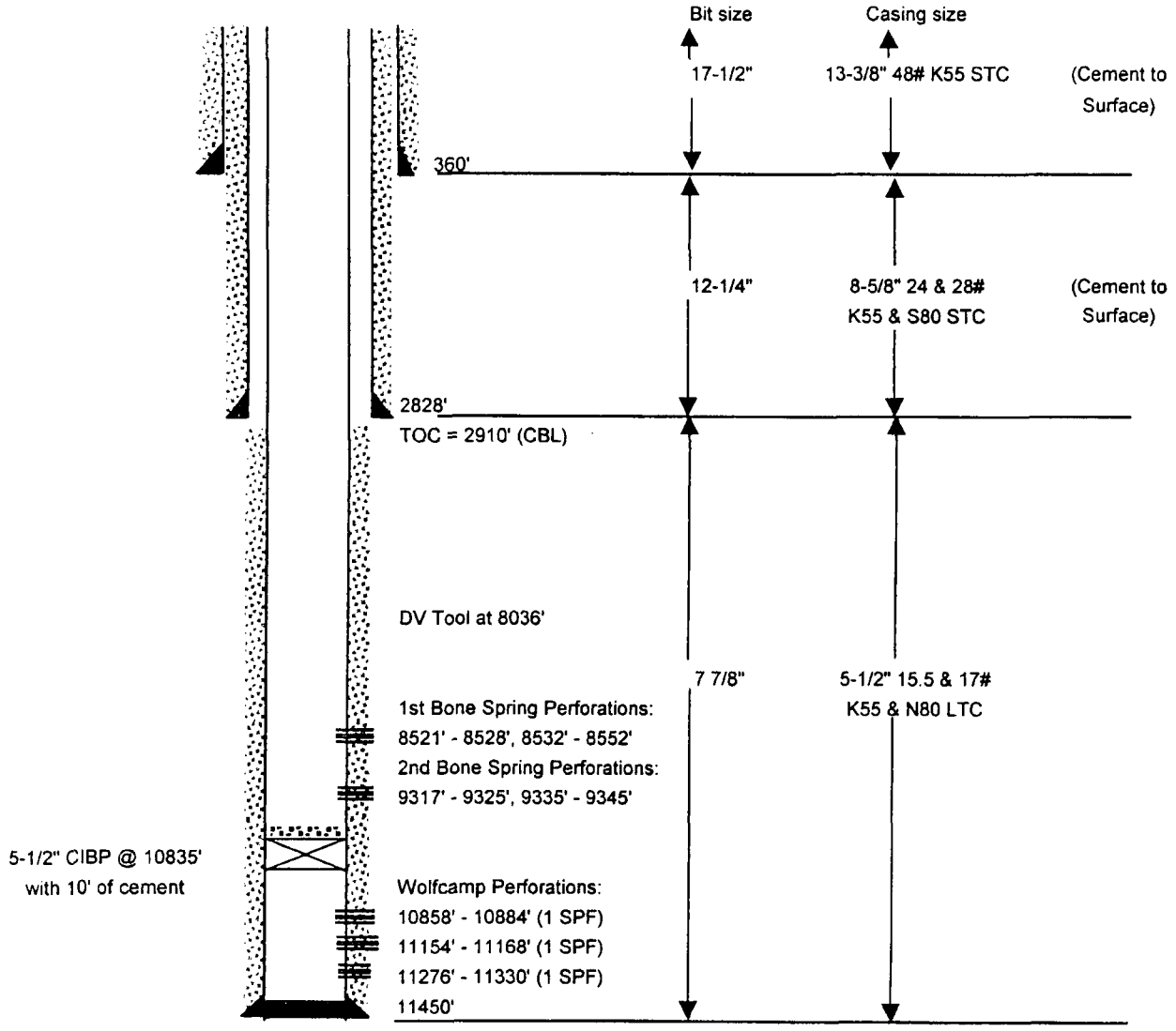
50 sx @ 4840' (San Andres)

OPEN HOLE TO TD
DRILLED W/ 7-7/8" BIT

TD = 5170'

eog resources

West Corbin Federal #10
1980' FSL & 660' FEL
Sec 18,T18S, R34E
Lea County, New Mexico
API No: 30-025-30466

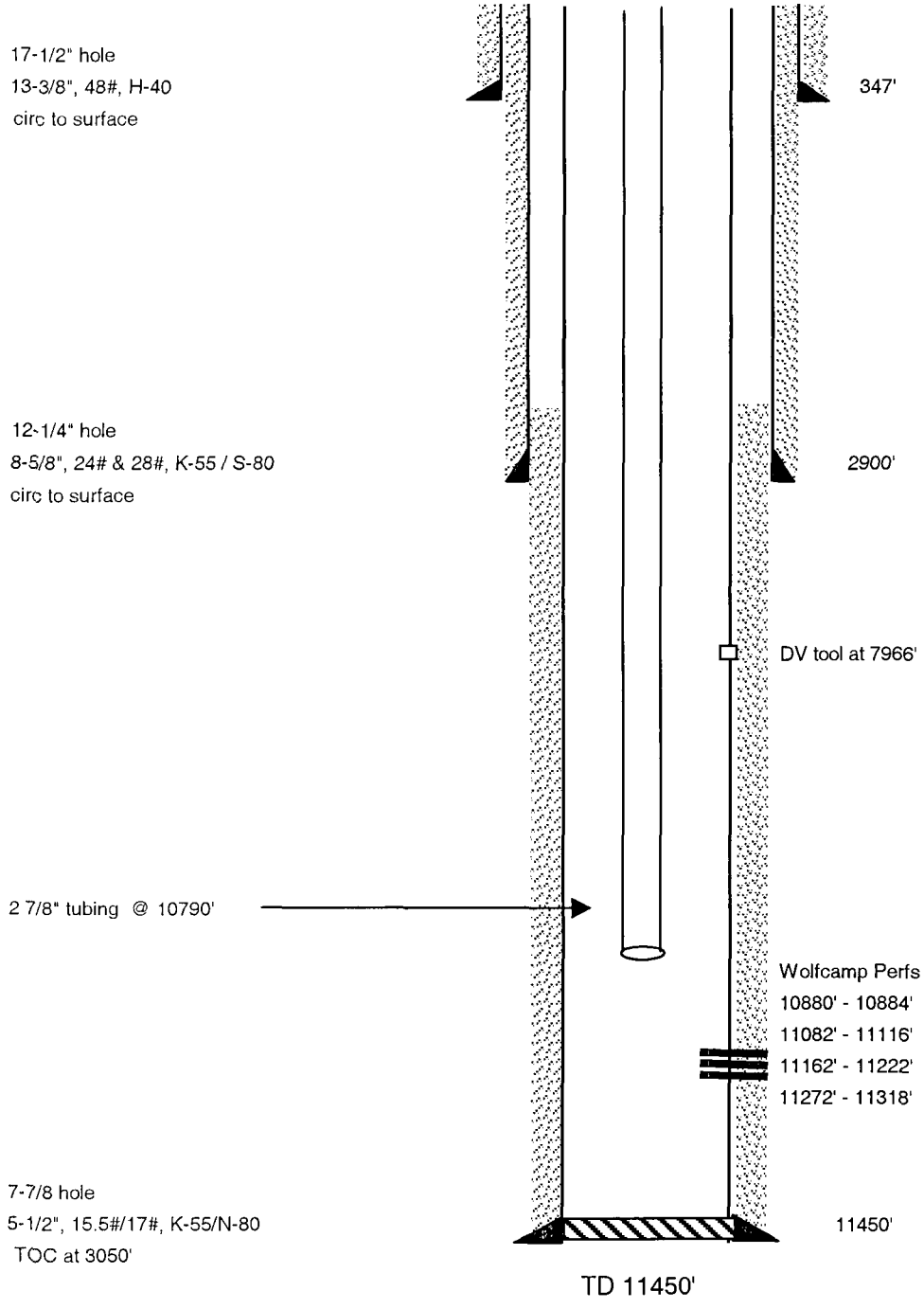


6/4/2007

eog resources

West Corbin Federal No. 12

660' FNL & 1980' FEL
Sec. 18-18S-33E
Lea County, New Mexico
API 30-025-30573

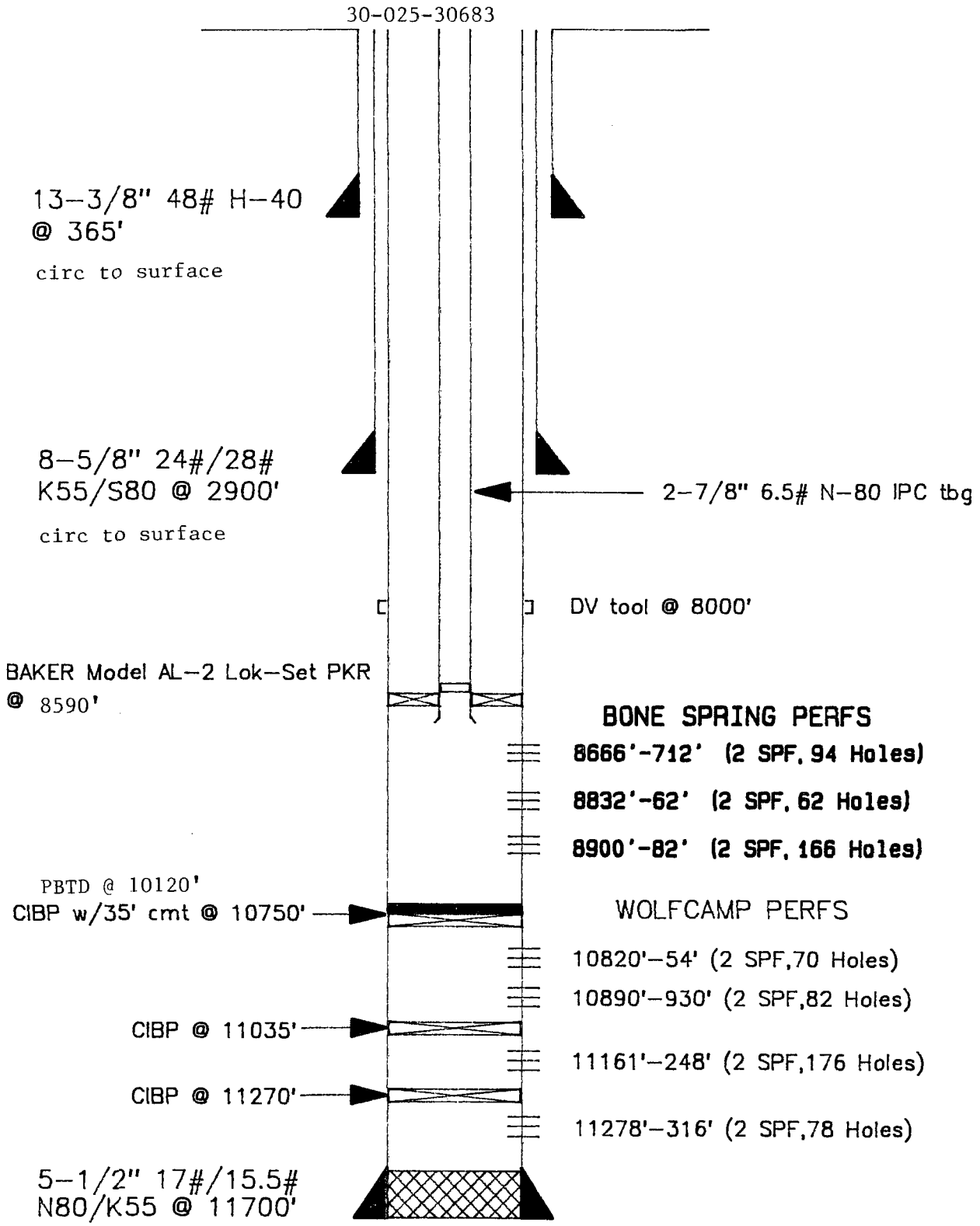


6/5/2008

WEST CORBIN FEDERAL #16 SWD

SOUTH CORBIN (BONE SPRING) FIELD

LEA COUNTY, NEW MEXICO

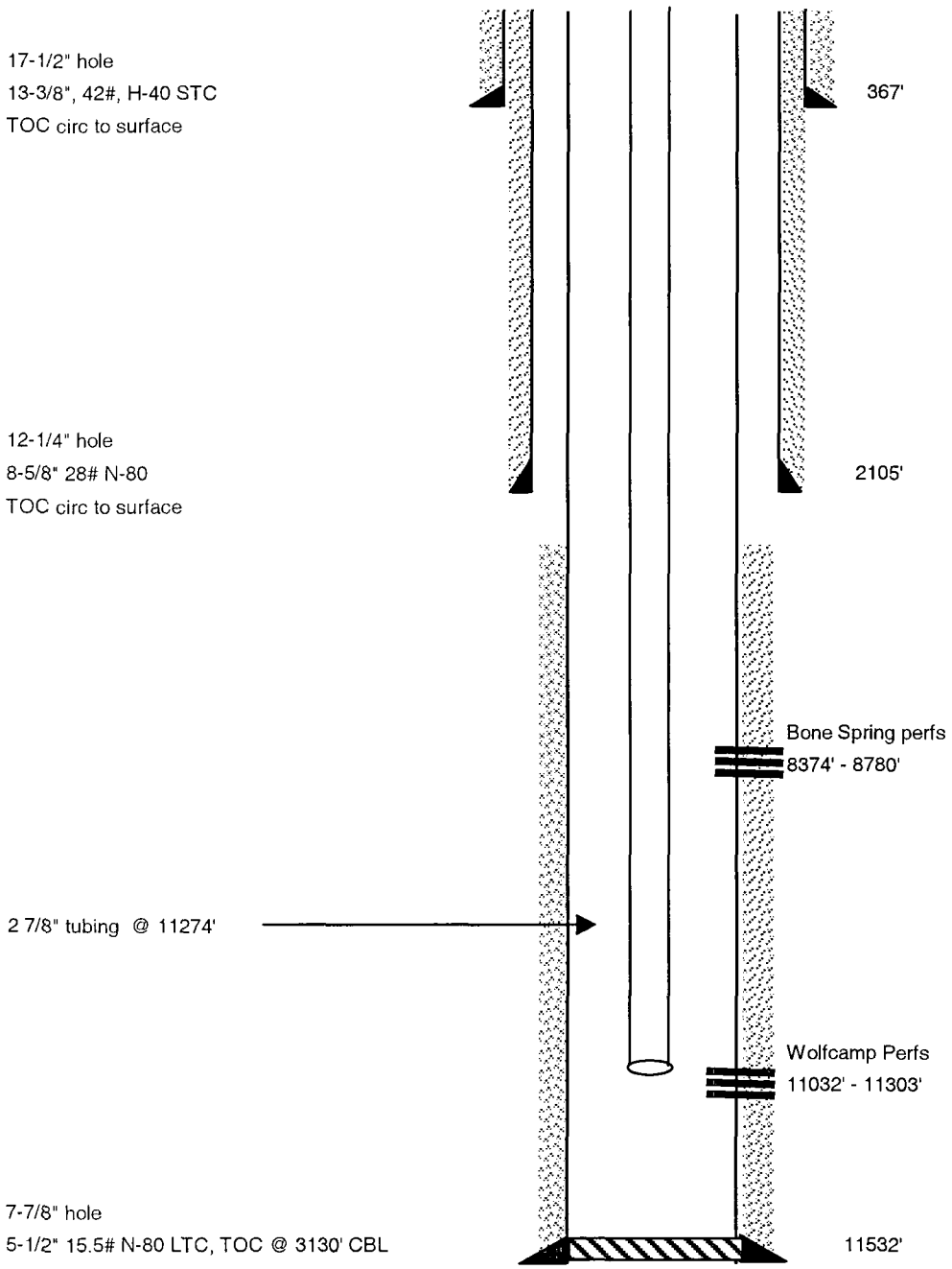


4/23/90 JEK

eog resources

West Corbin Federal No. 18

1980' FNL & 1980' FWL
Sec. 18-18S-33E
Lea County, New Mexico
API 30-025-30726



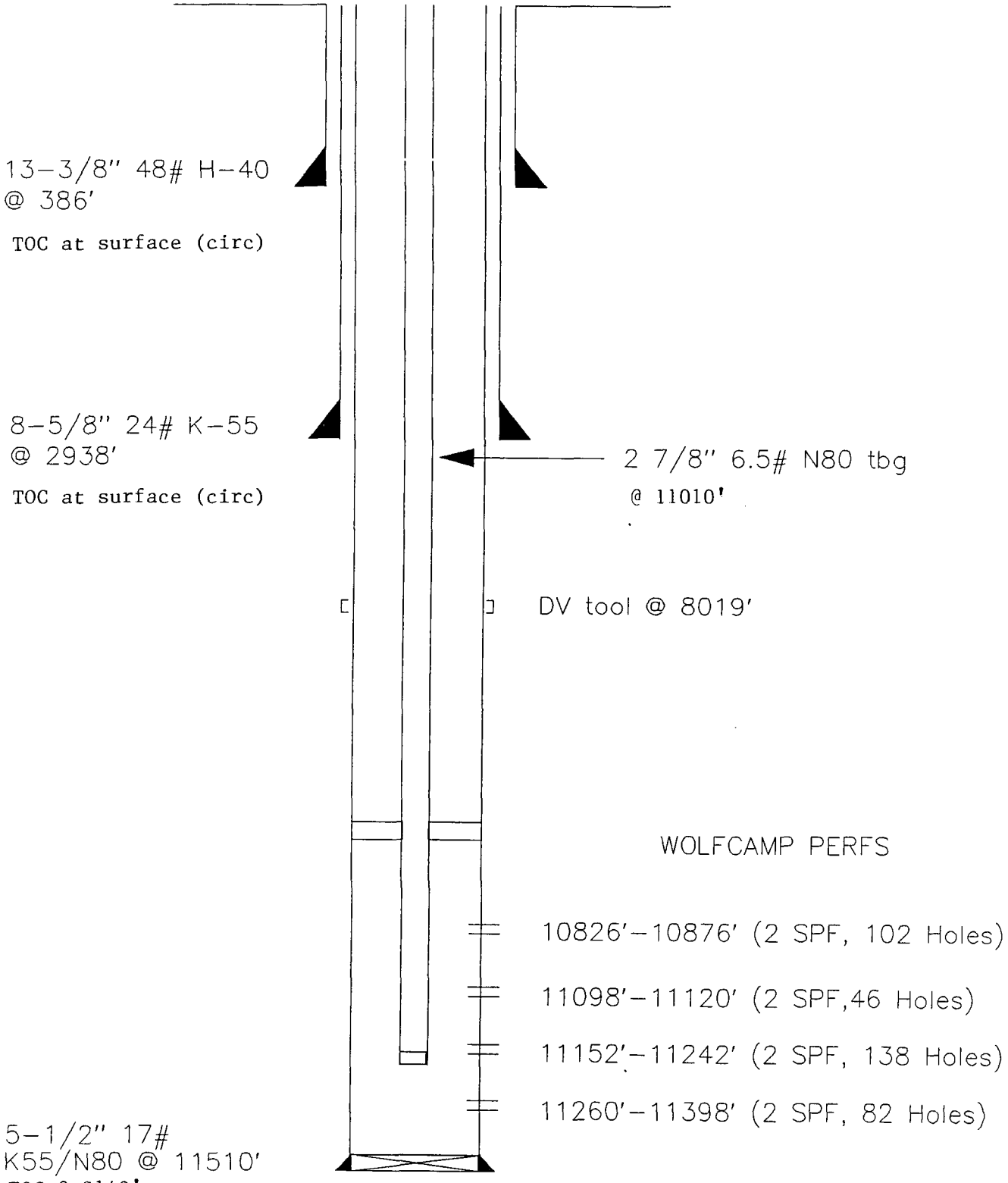
TD 11532'

6/5/2008

2/4/91 DDC

WEST CORBIN FEDERAL #25
SOUTH CORBIN (WOLFCAMP) FIELD
LEA COUNTY, NEW MEXICO

30-025-31065



Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. ~~25586~~ NM-104049

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry Other

b. Type of Completion: [ ] New Well [X] Work Over [ ] Deepen [ ] Plug Back [ ] Diff.Resvr,. Other

6. If Indian, Allotee or Tribe Name

7. Unit or CA Agreement Name and No.
West Corbin Federal

2. Name of Operator
EOG Resources Inc.

8. Lease Name and Well No.
West Corbin Federal 5

3. Address
P.O. Box 2267 Midland TX 79702

3a. Phone No. (include area code)
432 686 3689

9. API Well No.
30-025-29298 0052

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2080' FNL & 560' FWL

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory
Corbin; Bone Spring, South

11. Sec., T., R., M., or Block and Survey or Area
17 - T18S - R33E

12. County or Parish
Lea

13. State
NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
WO 10/7/03		[ ] D & A [X] Ready to Prod. 10/15/03	3872 GR

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
11427	10705	10725

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run [X] No [ ] Yes (Submit report
Directional Survey? [X] No [ ] Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	48,54.5		354		400 C		Surface	
12 1/4	8 5/8	24		2920		1225 Lite		Surface	
7 7/8	5 1/2	17		11427		800 POZ H		7075 TS	
						200 H			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	9346							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	1st Bone Spring	8440		8440 - 8570		22	Producing
B)	2nd Bone Spring	9337		9337 - 9406		20	Producing
C)	Wolfcamp	11049		11049 - 11333		94	Abandoned
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8440-8570	Frac w/ 1000 gal 15% HCL acid, 206,000 gal AMGEL-1010, 95,000 # 20/40 Ottawa Sd
9337 - 9406	Frac w/ 1000 gal 15% HCL acid, 175,550 gal AMGEL-1010, 88,040 # 20/40 Ottawa Sd

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
10/15/03	10/29/03	24		100	109	8			Pumping
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
							1090	POW	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	

(See instructions and spaces for additional data on reverse side)

RECEIVED
NOV 2003
OCD
HOBBS

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS
NOV 13 2003
DAVID R. GLASS
PETROLEUM ENGINEER

Form 3160-4
(November 1983)
(Formerly 9-330)

UNITED STATES SUBMIT IN DUPLICATE*
DEPARTMENT OF THE INTERIOR (See other instructions on reverse side)
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM-26692
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:

1a. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] DRY [ ] Other
b. TYPE OF COMPLETION: NEW WELL [XX] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

8. FARM OR LEASE NAME: Huber "17" Federal
2. NAME OF OPERATOR: Southland Royalty Company
9. WELL NO.: 1
3. ADDRESS OF OPERATOR: 21 Desta Drive, Midland, Texas 79705
10. FIELD AND POOL, OR WILDCAT: S. Corbin (Wolfcamp)
4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 660' FSL & 660' FWL, Sec. 17, T-18-S, R-33-E
At top prod. interval reported below
At total depth
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 17, T-18-S, R-33-E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
30-025-29425		Lea	N.M.

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
10-2-85	11-6-85	1-3-86	3849.4' GR	-

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
11,440'	11,000'		→	XX	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 10,870-10,910' (Middle Wolfcamp)
25. WAS DIRECTIONAL SURVEY MADE: Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL/GR, DLL w/MSFL, CET & Cement Bond Log
27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	358'	17 1/2"	400 sx. Cl "C"	Circ.
8 5/8"	24#	2920'	12 1/4"	800 sx Lite & 200 sx C Neat	Circ.
5 1/2"	17#	11,440'	7 7/8"	1200 sx "H" 50-50 Poz	TOC @ 6500'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	10,910'	10,788'

31. PERFORATION RECORD (*Interval, size and number*)
11,050-11,223' (110) Cmt ret @ 11,000'
10,870-10,910' (41)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
1-3-86	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-3-86	24	14/64"		370	-	20	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
420	-		370	-	20	48.2

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): None
JAN 17 1986
TEST WITNESSED BY: Ronnie Pryor

35. LIST OF ATTACHMENTS: Logs, Temperature Survey, Inclination Survey, Form C-104

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED John Stark TITLE Operations Engineer DATE 1/8/86

*(See Instructions and Spaces for Additional Data on Reverse Side)

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

Exhibit 25

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

LABORATORY NO. 791270

TO: Mr. David Cook
21 Desta Drive, Midland, TX 79701

SAMPLE RECEIVED 7-29-91

RESULTS REPORTED 8-2-91

COMPANY Meridian Oil Company LEASE As Listed

FIELD OR POOL

SECTION ___ BLOCK ___ SURVEY ___ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Disposal water-taken from West Corbin salt water disposal (flotation cell upstream line

NO. 2 Disposal water-taken from West Corbin salt water disposal (flotation cell downstream line)

NO. 3 Produced water-taken from West Corbin #24.

NO. 4 Produced water-taken from Federal 21 #4.

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1431	1.1428	1.1662	1.1716
pH When Sampled				
pH When Received	6.06	6.03	5.94	5.89
Bicarbonate as HCO_3	303	298	185	217
Supersaturation as $CaCO_3$	14	16	4	12
Undersaturation as $CaCO_3$	--	--	--	--
Total Hardness as $CaCO_3$	39,000	38,000	61,000	66,500
Calcium as Ca	11,400	11,400	17,600	19,100
Magnesium as Mg	2,552	2,308	4,131	4,556
Sodium and/or Potassium	66,481	66,005	74,546	77,050
Sulfate as SO_4	986	960	576	483
Chloride as Cl	129,255	127,834	157,662	165,474
Iron as Fe	16.6	15.2	2.8	5.0
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	210,975	208,805	254,700	266,880
Temperature °F.				
Carbon Dioxide, Calculated	484	476	389	565
Dissolved Oxygen,				
Hydrogen Sulfide	0.0	0.0	0.0	0.0
Resistivity, ohms/m at 77° F.	0.056	0.056	0.050	0.049
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Total Dissolved Solids, 180°C.	210,686	211,276	245,414	255,686

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks A careful study of the characteristics of all the waters involved herein reveals no evidence of any incompatibility between any combination of these waters. This is to say that there should be no precipitation or scaling potential that would result from combining any of these waters.

Form No. 3

By _____
Waylan C. Martin, M.A.

FORM C-108
ITEM NO. VII

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division

September 18, 2008

Stan Wagner
EOG Resources, Inc.
PO Box 2267
Midland, TX 79702

Re: Administrative Application for Waterflood Expansion
Corbin Federal Delaware Unit #15 (API No. 30-025-30658)
810 FNL, 1980 FEL (Unit B), Sec 18, T18S, R33E, NMPM, Lea County
Proposed Injection into the Delaware formation from 4950 to 5142 feet

You have submitted a request on behalf of EOG to expand this waterflood by adding one injection well. After reviewing your application the Division has the following questions or concerns:

1) Is there a Division order calling this a Pressure Maintenance Unit? Or is R-11099 the pertinent Division order – which calls this a "Waterflood Project"?
R-11099 is the pertinent order refering to as "Waterflood Project."

2) Would you ask your landman to check and verify that Rule 701B(2) is complied with for acreage in the SE/4 SE/4 of Section 7? Is EOG the operator of record or the lessee for that acreage in the Delaware? EOG only operator – verified by land dept.
BLM is surface owner.

3) Would you ask your geologist & landman to look at Division Order R-11098 as to the definition of the Unitized interval and give reasoning for adding additional lower perforations in this well for injection – these lower perfs appear to be below the Unitized interval. Amend injection interval to 4950 - 5102

4) The West Corbin Federal #1 30-025-24744 appears to not have cement coverage isolating the Delaware from the lower Queen and the San Andres. This well would have to be repaired with new cement squeezed across the Unitized interval and up to the intermediate casing prior to injection into the proposed injection well. We can write the permit with this as a pre-condition? We will plug the well. Make a condition of approval.

Rule 40 looks fine for EOG. I will save your application pending your reply.

Replied to email : 12/17/08

Sincerely,

William V. Jones
Engineer

cc: Oil Conservation Division – Hobbs
Bureau of Land Management – Carlsbad

eog resources

RECEIVED
2008 DEC 22 PM 12 56

EOG Resources, Inc.
4000 North Big Spring, Suite 500
Midland, TX 79705
(915) 686-3600

December 18, 2008

Mr. William V. Jones
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Administrative Application for Waterflood Expansion
Corbin Federal Delaware Unit #15, API # 30-025-30658

Enclosed please find a copy of your letter dated September 18, 2008 regarding Division concerns associated with our application for waterflood expansion.

Please see below for our response to each question:

Item 1 - Division Order R-11099 is the pertinent order in which the project is referred to as a "Waterflood Project". I find no other order calling it a Pressure Maintenance Unit.

Item 2 - Our land department checked and shows EOG as the only operator of record for acreage in the Delaware. BLM is the surface owner.

Item 3 - We wish to amend our requested injection interval so that it will remain in the unitized interval. Please amend interval from 4950' to 5102'.

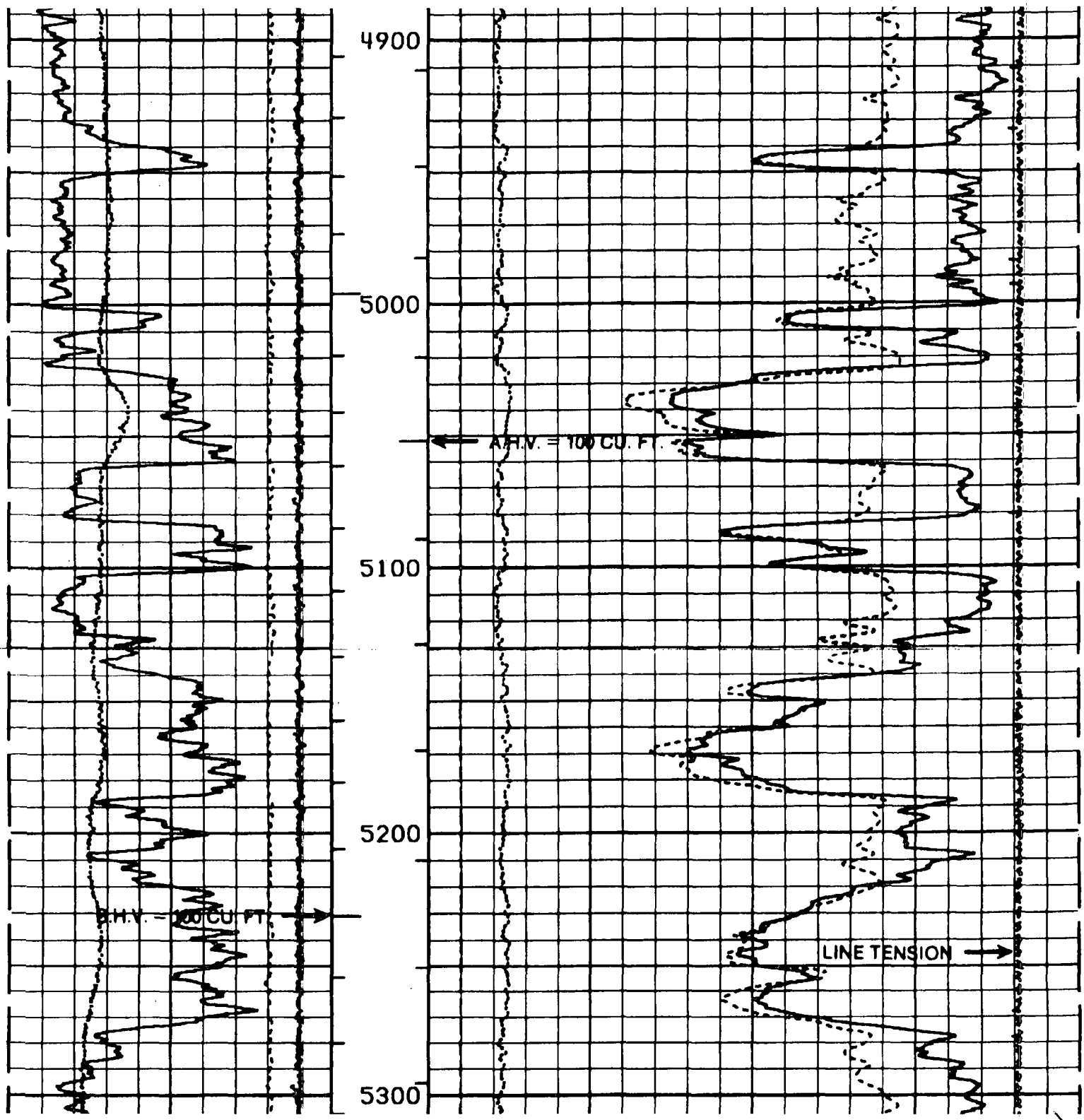
Item 4 - We will plug the West Corbin Federal No.1, 30-025-24744. Please make this a pre-condition of approval for this permit.

We hope that this response will meet your approval. If additional questions or concerns arise, please contact me by email or at the letterhead address.

Sincerely,

EOG RESOURCES, INC.

Stan Wagner
Regulatory Analyst



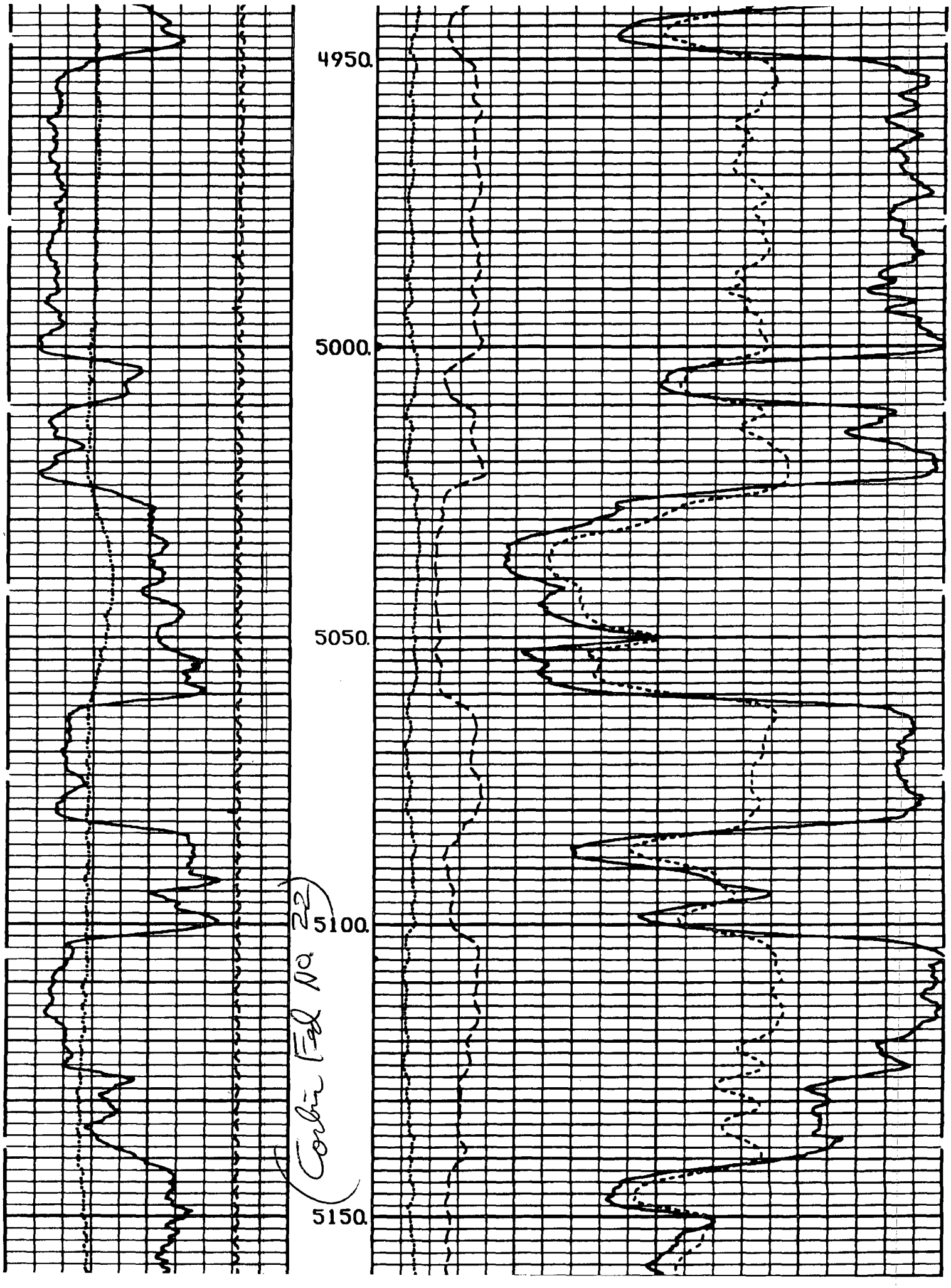
UNITIZED INTERVAL (5,002 - 5,102)

30-025-30860

Corbin Federal No. 22

UNIT F, SEC 18, 18S, 33E

R-11029


4950.
5000.
5050.
5100.
5150.
Corbin Fed No 22

Injection Permit Checklist (7/8/08)

Case ______ R-______ SWD ______ WFX 849 PMX ______ IPI ______ Permit Date 12/26/08 UIC Qtr OCT/NOV/DEC

\# Wells 1 Well Name: CORBIN DELAWARE Fed. UNIT #15

API Num: (30-) 025-30658 Spud Date: >86 New/Old: N (UIC primacy March 7, 1982)

Footages 810 FNL/1980 FEL Unit B Sec 18 Tsp 18S Rge 33E County LEA

Operator: EOG RESOURCES, INC Contact Stan Wagner

OGRID: 7377 RULE 40 Compliance (Wells) 4/529 (OK) (Finan Assur) OK

Operator Address: P.O. Box 2267, MIDLAND TX 79702

Current Status of Well: ______ (Currently a Producer)

Planned Work to Well: ______ Planned Tubing Size/Depth: 2 3/8 @ 4900'

	Sizes Hole.......Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
~~Existing~~ Surface	12 1/4 8 5/8	220	220	CIRC
~~Existing Intermediate~~				
~~Existing~~ Long String	7 7/8 5 1/2	5472	1650	CIRC

DV Tool ______ Liner ______ Open Hole ______ Total Depth ______ PBTD ______

Well File Reviewed ______

Diagrams: Before Conversion ✓ After Conversion ✓ Elogs in Imaging File: ______

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)			
Above (Name and Top)			
Injection...... Interval TOP:	4950	DEL	
Injection........... Interval BOTTOM:	5102	DEL	
Below (Name and Top)	7800 / 11200	BS. / WC	

12046 / R-11098 UNIT 12047 12/9/98 R-11099 CORBIN DELAWARE Fed. UNIT WF ~~Bone Main Proj~~ ~~West~~ Corbin; DEL Pool (13195)

990 PSI Max. WHP

NO Open Hole (Y/N)

NO Deviated Hole?

Sensitive Areas: ~~Capitan Reef~~ ______ ~~Cliff House~~ ______ Salt Depths 1380 - 2700

....~~Potash Area (R-111-P)~~ ~~Potash Lessee~~ ~~Noticed?~~

Fresh Water: Depths: 0-250' Wells(Y/N) No Analysis Included (Y/N): — Affirmative Statement ✓

Salt Water: Injection Water Types: DEL./WC/BS. Analysis? Yes

Injection Interval.....Water Analysis: ✓ Hydrocarbon Potential waterflood

Notice: Newspaper(Y/N) ✓ Surface Owner BLM Mineral Owner(s) ______

RULE 701B(2) Affected Parties: EOG only

Area of Review: Adequate Map (Y/N) Y and Well List (Y/N) Y

Active Wells 14 Num Repairs 3 Producing in Injection Interval in AOR Yes

..P&A Wells 1 Num Repairs — All Wellbore Diagrams Included? Yes

Questions to be Answered:

Bradenhead/Cmt @ 30-025-24744 W. Corbin Fed #1 (H 18)

SQZ & Verify to cover

NOTICE in Sec 17 & Sec 7?

Required Work on This Well: ______ Request Sent ______ Reply: ______

AOR Repairs Needed: Bal of UNITIZED Request Sent ______ Reply: ______

Request Sent ______ Reply: ______

(Margin notes: UNIT FB 5002 UNIT 5102 interval; 4950' 990 psi; continuous injection since 1994; (4, 6, 22) #4 SWD-205 R-11099; 5080 5040 BOT; upper interval approved)

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Friday, December 26, 2008 5:05 PM
To: 'Stan_Wagner@eogresources.com'
Cc: Warnell, Terry G, EMNRD; Brooks, David K., EMNRD; Ezeanyim, Richard, EMNRD; 'Wesley_Ingram@blm.gov'; Kautz, Paul, EMNRD; Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD; Hill, Larry, EMNRD
Subject: Injection Application from EOG Resources Inc: Corbin Federal Delaware Unit #15 30-025-30658 Unit B Sec 18, 18S 33E

Hello Stan:
Got your reply to my September data request and have processed your application to expand your waterflood by adding the second well. I am placing this in Mark's inbox for his signature WFX-849.

It appears that this waterflood was approved in the late 1990's through hearing. Order R-11099 required repair work on three AOR wells prior to ANY injection into this Unitized Interval. The operator has never done the required cement squeeze repair work, but continued injection into Well No. 4 which was approved in R-11099 but was also an existing disposal well into the same interval (SWD-205.) The operator asked at the hearing for this SWD well to be re-classified as an Injection Well in this project.

Prior to any injection into well #15, EOG must do the AOR cement repair work required about 10 years ago. Please work with the BLM and Hobbs OCD to get this work completed. If EOG wishes to contest this required work on three AOR wells, then please have your attorney contact Gail MacQuesten as to how to proceed - and likely enter a case for an examiner hearing.

Unless documents exist granting the operator relief from the requirements of R-11099, it appears that EOG as the successor operator is out of compliance with R-11099.
Furthermore, this is now a "compliance matter" as injection has proceeded for 10 years without the required cement area repair work – and "waste" issues may exist. If EOG does not proceed with this work, repairing the three AOR wells, and converting the proposed well to injection, then it may be subject to penalties – depending on what the OCD compliance team determines.

Thank You for the Prior submittal,
Regards,

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