Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: LC-030556 (A)

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.: Stevens A-35 No. 2

2. Name of Operator: Doyle Hartman

9. API Well No.: 30-025-09467

3. Address and Telephone No.: 500 N. Main St., Midland, TX 79701, (915) 684-4011

10. Field and Pool, or Exploratory Area: Jalmat (T-Y-7R)

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

1650' FSL & 990' FWL (Unit L),
Section 35, T-23-S, R-36-E, N.M.P.M

11. County or Parish, State: Lea, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☒ Casing Repair & Cement Repair	☒ Water Shut-Off
	☒ Altering Casing (Install 4 1/2" O.D. FJL)	☐ Conversion to Injection
	☒ Other Cement open-hole interval to isolate indivdual Jalmat strata	☐ 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 pertinet 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 markders and zones pertinent to this work.)*

The Stevens "A-35" No. 2 well was completed, on 5-27-49, as an open-hole Jalmat (Yates-Seven Rivers) gas producer, from 3015' to 3507', for an initial potential of 4590 MCFPD.

On 11-3-92, Conoco plugged and abandoned the well, as follows:

1. Set CIBP at 2850', with 40' of cement on top of plug (open-hole Jalmat strata was **not** squeezed).
2. Set 25 sx cement plug from 1167' to 1322'.
3. Perforated 5 ½" O.D. casing at 375'. Circulated 175 sx of cement down 5 ½" O.D. casing and back up 7 5/8" x 5 ½" annulus.

Because the Stevens "A-35" No. 2 open-hole interval remains unsqueezed, and certain Seven Rivers strata (in the vicinity of the Stevens "A-35" No. 2) are known to be water productive, it is **necessary** that the following remediation work be performed (as outlined on pages 2 of 3 and 3 of 3 attached hereto), in order to prevent the waste of valuable Jalmat gas reserves, as a result of the crossflow of water, from water-productive Jalmat strata, into still gas-productive Jalmat strata.

RECEIVED
Hobbs
OCD

APPROVED FOR 3 MONTH PERIOD

ENDING 7-1-03

APPROVED
APR - 1 2003
GARY GOURLEY
PETROLEUM ENGINEER

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

Signed [signature] Title Engineer Date 03/26/2003

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

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

GWW

Necessary Remediation Procedure

1. Move in and rig up well service unit.

2. Hook up reverse drilling unit. Drill out existing cement plugs:

Interval	Net sx.
0' to 375'	38
1167' to 1322'	25
2810' to 2850'	4

3. Hook up high-volume air-foam circulating unit and blowdown tank. Drill up CIBP at 2850'.

4. Clean out open hole, from 2887' to 3507'.

5. Drill 4 3/4" hole from 3507' to 3700'.

6. Circulate hole with foam, until hole is clean and formation caving have ceased.

7. Ream and condition open-hole section, by running 4 3/4" string-mill assembly, and rotating and circulating to bottom.

8. Rig up Schlumberger. Log well.

9. Based upon logging and cleanout results, if Jalmat open-hole interval still appears to be commercially productive, run 4 1/2" O.D. flush-joint liner. Squeeze liner into place, at a cementing rate of 14 BPM, with 1600 sx of API Class "C" cement, containing 2.5% $CaCl_2$, 5 lb/sx Gilsonite, 0.25 lb/sx Flocele.

10. Squeeze perfs at 375', with 1000 sx API Class "C" cement, containing 3% $CaCl_2$, 5 lb/sx Gilsonite, 0.25 lb/sx Flocele.

11. Drill cement to 3695'. Pressure test liner.

12. Perforate and acidize productive portion of Jalmat interval.

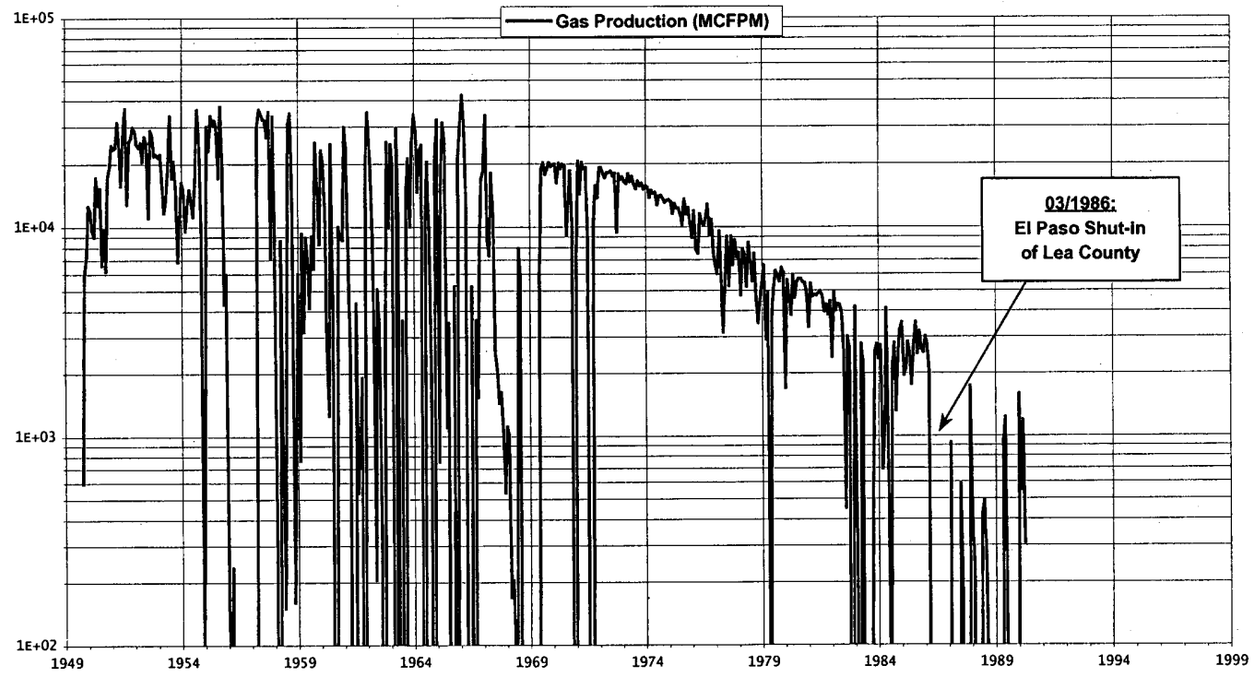
13. Run rods and pump. Return well to active Jalmat producing status.

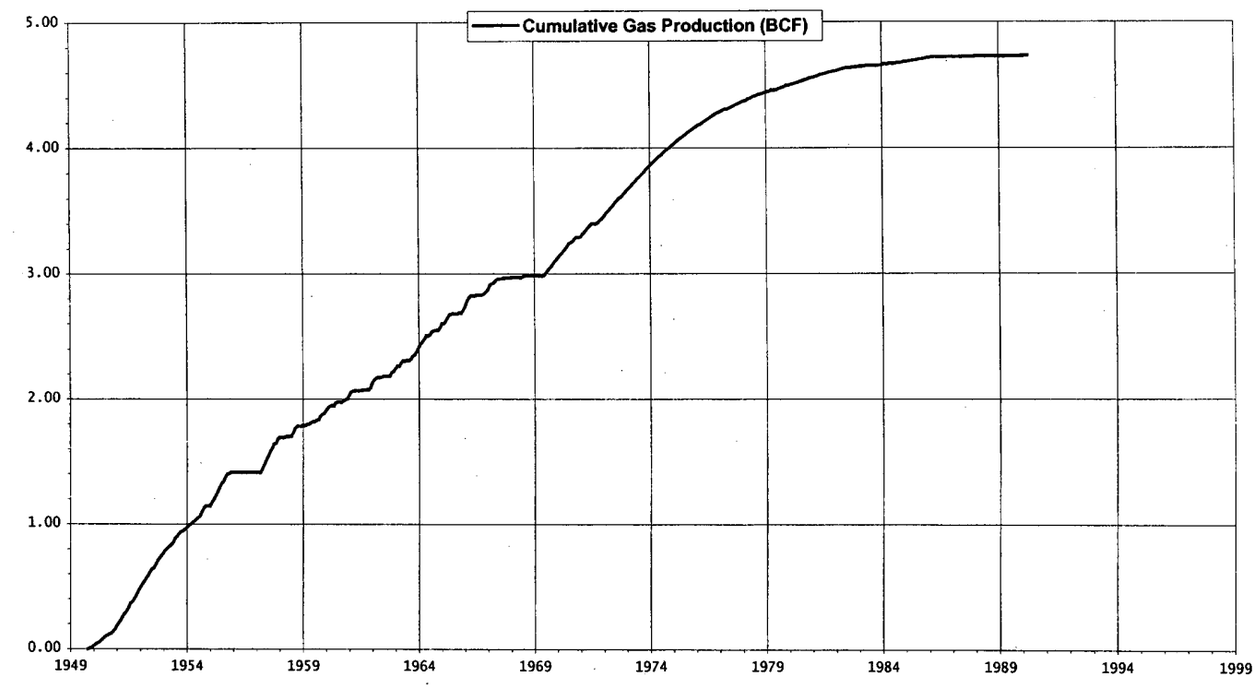
14. If logging results indicate that Jalmat interval is no longer commercially productive (i.e., watered out), set cementing retainer at 2850'. Squeeze open-hole interval, from 2887' to 3700', with 300 sx of API Class "C" cement, containing 2.5% $CaCl_2$, 5 lb/sx Gilsonite, 0.25 lb/sx Flocele.

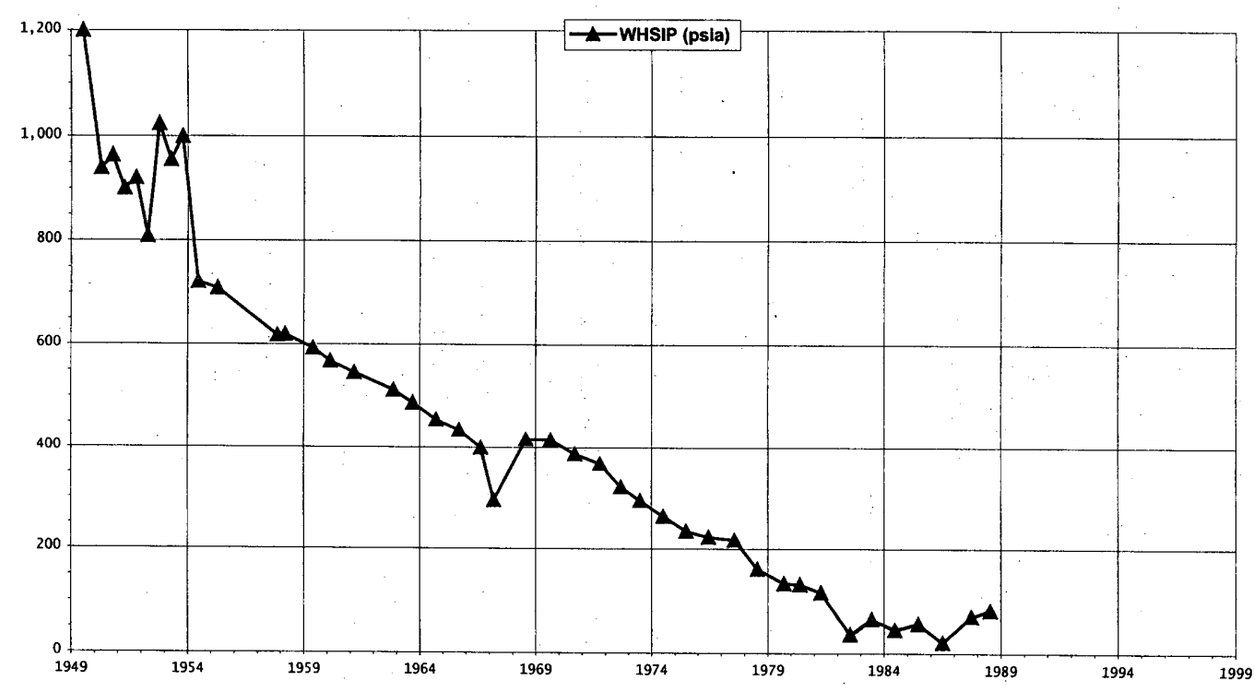
15. Finish plugging well, by setting 25-sx Class "C" cement plug at 1150' to 1400', and 40-sx cement plug from 0' to 375'.

16. Cleanup and restore location, as necessary.

Stevens A-35 #2
Jalmat (Tansill-Yates-Seven Rivers)
L-35-23S-36E
Conoco Inc



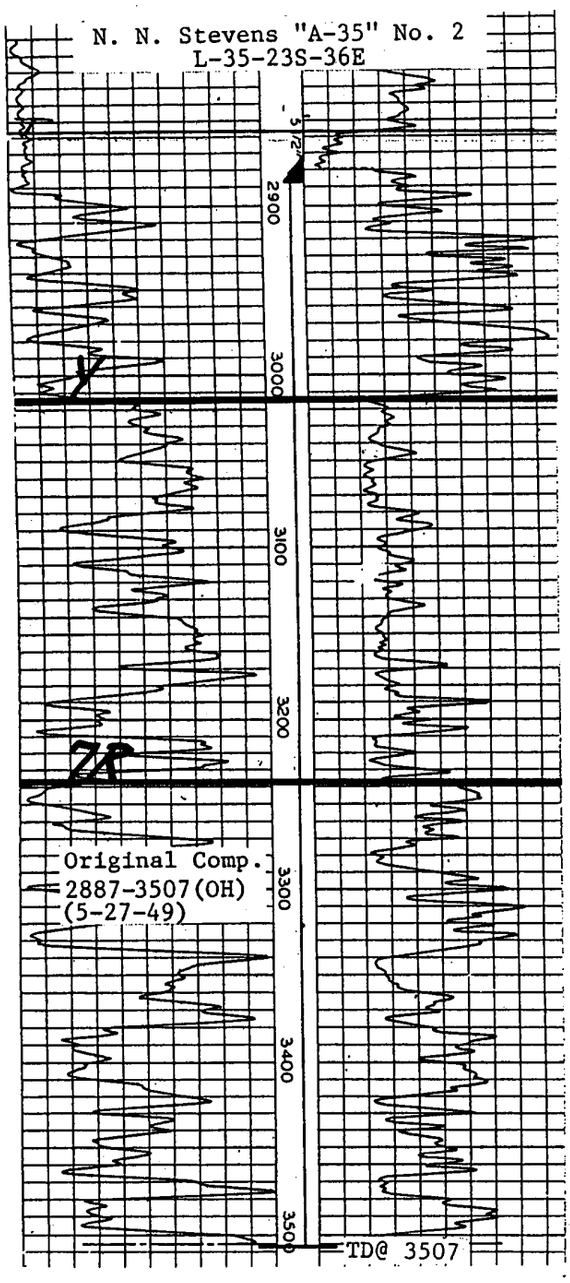




03/90: 4.730 BCF 0.0 MBO

COMPANY Doyle Hartman
(Conoco, Inc.)
WELL N. N. Stevens "A-35" No. 2

FIELD Jalmat (Gas)
LOCATION 1650' FSL & 990' FWL (L)
Section 35, T-23-S, R-36-E
COUNTY Lea
STATE New Mexico
ELEVATIONS: KB
DF
5-03-85 GL 3361'



COMPLETION RECORD

SPUD DATE 5-06-49 COMP. DATE 5-27-49
TD 3507' PBTD
CASING RECORD 10 3/4" @ 336' w/300 sx.
5 1/2" @ 2887' w/950 sx.

PERFORATING RECORD OH: 2887-3507'
(Yates-Seven Rivers)

STIMULATION Natural

IP IPF= 4590 MCFPD
GOR GR
TP CP 1187
CHOKE TUBING @
REMARKS 4-17-57: Installed 2 3/8" tbg @ 3410.

L-35-23S-36E