

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP. DATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 073240

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wallen Tonto

9. WELL NO.

#6

10. FIELD AND POOL, OR WILDCAT
Rivers
S Tonto Yates-Seven11. SEC., T., E., M., OR BLE. AND
SURVEY OR AREA

Sec 30, T 19 S, R 33 E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

3591

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We set 496' of 4½", K-55, 10.5# A.P.I. new casing with 2 3/8" tubing to 3096' and cemented with 60 sxs of class "c" neat cement. We ran a Halliburton temperature survey afterwards (8 hrs) and it showed cement to top of liner 300' up inside the the 7" salt string. This was done at 11 AM 4/11/78.

U.S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

SIGNED

Walter W. Krug

TITLE

Engineer

DATE

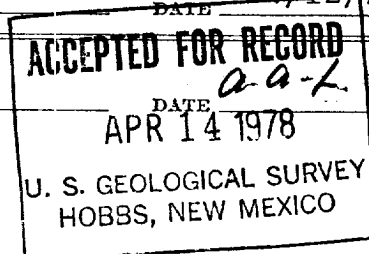
4/12/78

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE



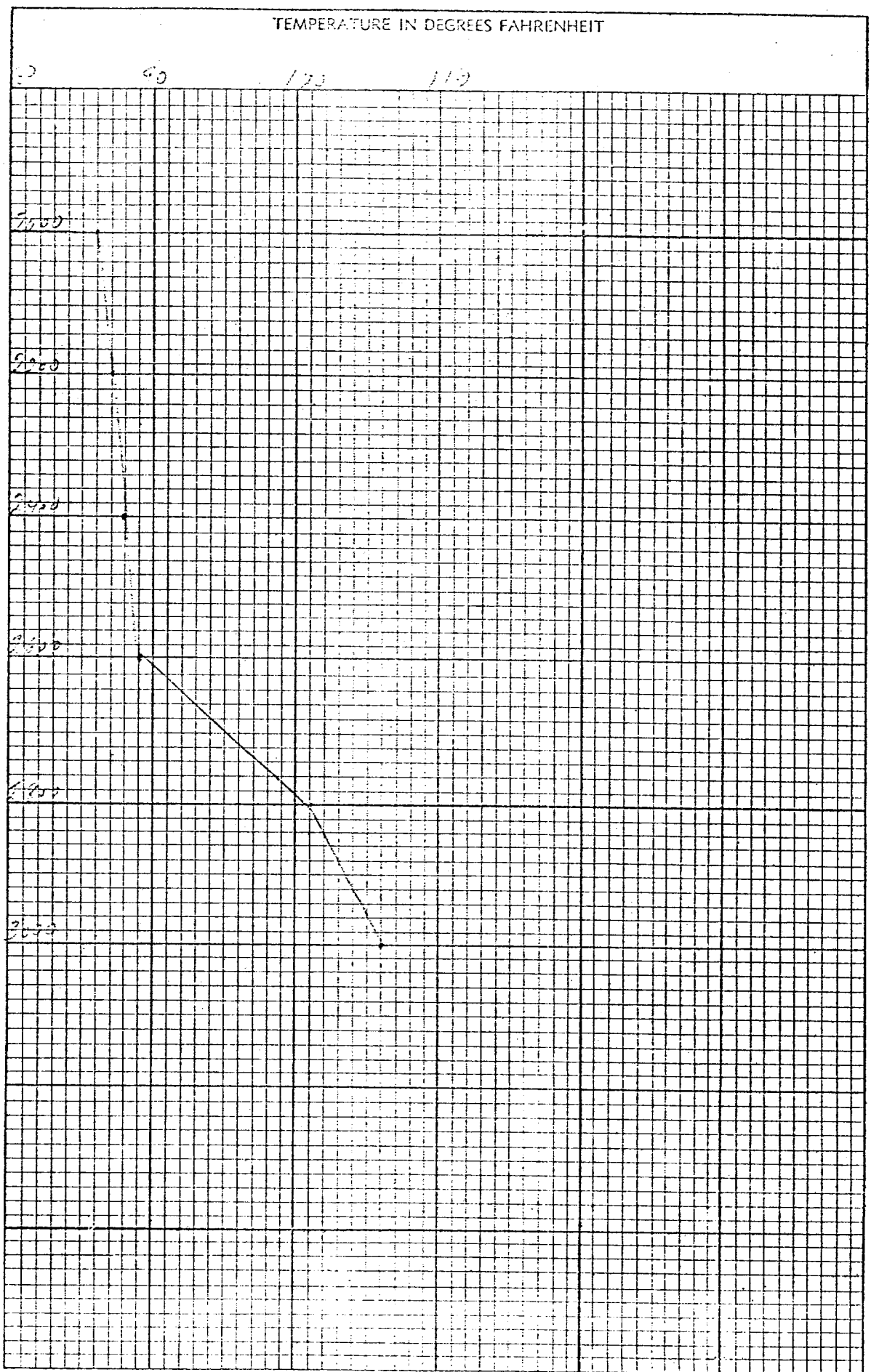
*See Instructions on Reverse Side

CASING SIZE 4 1/2 FROM 2607 TO 3096 DIAM. OF HOLE 1 5/8 FROM 2600 TO 3000 DEPTH
 SURVEY BEGINS AT 2000 FEET. ENDS AT 3000 FEET.
 APPROX. CALCULATED FILL-UP OF 106 FT. BASED ON PERFECT HOLE AND ON AN AVERAGE OF
 APPROX. TOP CEMENT 2637 CU. FT. PER SACK OF SET CEMENT
 RECORDED BY W. M. M. M. M. FELT. MAX. TEMP. 106 FEET. WITNESSED
 REMARKS OR OTHER DATA

COMPANY W. M. M. M. M. COUNTY LA
 WELL NO. 6 DATE OF CEMENTING 4-11-78 TIME 11:00 AM
 POOL 6000 DATE OF SURVEY 4-11-78 TIME 7:00 PM
 STATE LA AMOUNT OF CEMENT 60 TYPE Class C
 LOG MEASURED FROM 60 TYPE
 DRILLING MEASURED FROM 60



MEASURING LINE TEMPERATURE SURVEY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions
reverse side)Form approved.
Budget Bureau No. 42-R1424.

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—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM 073240
2. NAME OF OPERATOR Walter W. Krug DBA Wallen Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____
3. ADDRESS OF OPERATOR Box 1960, Midland, Texas 79702		7. UNIT AGREEMENT NAME _____
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 990' F E L & 990' F S L		8. FARM OR LEASE NAME Wallen Tonto
14. PERMIT NO. _____		9. WELL NO. # 6
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3591		10. FIELD AND POOL, OR WILDCAT Rivers Tonto Yates-Seven
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec 30, T 19 S, R 33 E
		12. COUNTY OR PARISH Lea
		13. STATE New Mexico

15. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Salt protection casing

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

On March 29, 1978 at 2 PM we cemented the 2901' of 7", 23# casing with 1000 sacks of class "c" cement containing 1/4# flo-cel per sack. The well did not circulate consequently we ran a temp survey and the cement came to 1150' from the surface. We ran 604' of 1" Kobe tubing and cemented to surface with 420 sacks of class "H" and finally circulated 5 sacks to the pit. A USGS representative was present. A copy of the temperature survey is included.

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

SIGNED

Walter W. Krug

TITLE

Engineer

DATE

3/31/1978

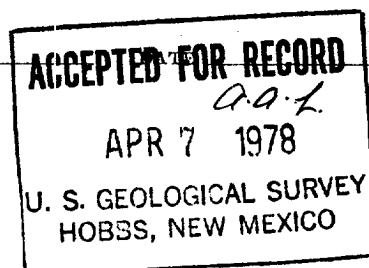
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APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



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APR 11 1978

**OIL CONSERVATION COMM.
HOBBS, N. M.**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions reverse side)Form approved.
Budget Bureau No. 42-R1424.
LEASE DESIGNATION AND SERIAL NO.

NM 073240

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—" for such proposals.)RECEIVED
FEB 15 1978

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Walter W. Krug DBA Wallen Production Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 1960, Midland, Texas 79702		8. FARM OR LEASE NAME Wallen Tonto	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 990 feet from the South and East lines		9. WELL NO. # 6	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT South Tonto Yates	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 3591		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 30, T 19 S, R 33 E	
		12. COUNTY OR PARISH Lea	
		13. STATE New Mexico	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 2/7/78 at 3 PM we cemented 225' of 72#/ft, 13 3/8" casing in the above subject well. We used 300 scs of class "c" cement with 2% NACL and 1/4# of flocele/sx (lost circulation material) and circulated 80 sxs into the pit (job ticket attached).

Spudded 2-4-78

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

SIGNED

Walter W. Krug

TITLE Engineer

DATE 2/9/78

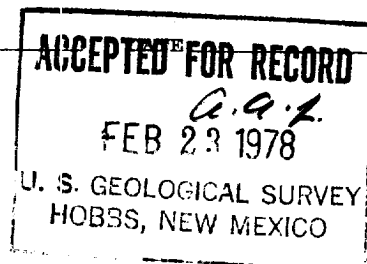
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APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side



RECEIVED

FEB 28 1978

OIL CONSERVATION COMM.
HOBBS, N. M.

HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON
LOCATION

**BILLED ON
TICKET NO.**

142374

WELL DATA

FIELD _____ SEC. _____ TWP. _____

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	1	22#	13 3/4	0	225	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 2-7-78	DATE 2-7-78	DATE 2-7-78	DATE 2-7-78
TIME 2:00	TIME 3:00	TIME 3:30	TIME 4:00

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD	1	Howell
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
R. Caperton S. Davis Turnipseed	H.T. 400 3889 261X Bulk	H. 5th H.
B. W. Cooper	Adm	"

DEPARTMENT Conf
DESCRIPTION OF JOB 19314 Sub-Exp

JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X Walter H. Long

HALLIBURTON
OPERATOR

CEMENT DATA

[illegible]

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____	DISPLACEMENT _____	PRESLUSH: BBL-GAL. _____	TYPE <u>HSD</u>
BREAKDOWN _____	MAXIMUM _____	LOAD & SHDN: BBL-GAL. _____	PAD: BBL-GAL. <u>11</u>
AVERAGE _____	FRACTURE GRADIENT _____	TREATMENT: BBL-GAL. _____	DISPL: BBL-GAL. <u>31</u>
SHUT-IN: INSTANT _____	0-MIN. _____	15-MIN. _____	CEMENT SLURRY: BBL-GAL. <u>70</u>

HYDRAULIC HORSEPOWER

COPIES	AVAILABLE	USED
1	1	0

AVERAGE RATES IN BPM

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE

FILE	REASON
1	
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100	

TOTAL VOLUME: 2BL-GAL. _____

REMARKS

~~7~~ 8X1 collected

CUSTOMER

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FEB 28 1978

GIL CONSERVATION COMM.
HOBBS, N. M.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Conservation Division
P. O. Box 26124
Albuquerque, New Mexico 87125

JUL 01 1977

Walter W. Krug
Wallen Production Company
P. O. Box 1960
Midland, Texas 79701

Dear Mr. Krug:

Your Application for Permit to Drill well No. 6 Wallen Tonto in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 19 S., R. 33 E., Lea County, New Mexico, Lease New Mexico 073240, to a depth of 3085 feet to test the Seven Rivers formation in the Oil Potash area is hereby approved, as amended by stipulations attached to the application.

One copy of the application is returned herewith. Please notify the District Engineer, Geological Survey, Hobbs, New Mexico, in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

(ORIG. SGD.) GENE F. DANIEL

Acting Area Oil and Gas Supervisor

Enclosure

cc: Conservation Manager, Denver
Area Mining Supervisor, Albuquerque (2)
NMOCC, Hobbs (2) (w/2 copies Notice)
Roswell Area Office
Hobbs District Office

STATE OF NEW YORK
OFFICE OF THE ATTORNEY GENERAL
ALBANY, N. Y.

IN SENATE
JANUARY 10, 1977
REPORT OF THE

COMMISSIONER

OF THE
OFFICE OF THE ATTORNEY GENERAL
ALBANY, N. Y.

REPORT OF THE

COMMISSIONER OF THE OFFICE OF THE ATTORNEY GENERAL
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REPORT OF THE

COMMISSIONER OF THE

OFFICE OF THE ATTORNEY GENERAL

RECEIVED

(1) SUPPLEMENTAL REPORT

JUL 5 1977

OIL CONSERVATION COMM.
HOBBS, N. M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Walter W. Krug DBA Wallen Production Company

3. ADDRESS OF OPERATOR

Box 1960, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

990' FSL & 990' FEL

At proposed prod. zone

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

32 miles WSW of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

80 7/3

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

935'

19. PROPOSED DEPTH

3085'

20. ROTARY OR CABLE TOOLS

cabletool

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 3591

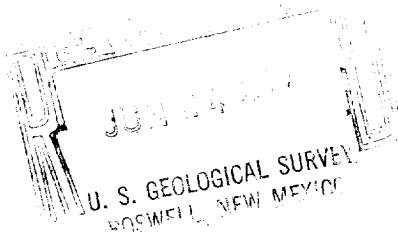
22. APPROX. DATE WORK WILL START*

8/15/77

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13 3/8"	61# K55	225' new	175 sxs
12 1/2"	10 3/4"	45# K55	595' used	mudded in, to be pulled
10"	8 5/8"	24# H40K55	1050' used	" " " " "
8"	7"	23# K55	2890' new	1000sxs class "c" w/2% gel & 1/4# cello flake/sx



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Engineer

DATE

12/30/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUL 5 1977

OIL CONSERVATION COMM.
HOBBS, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

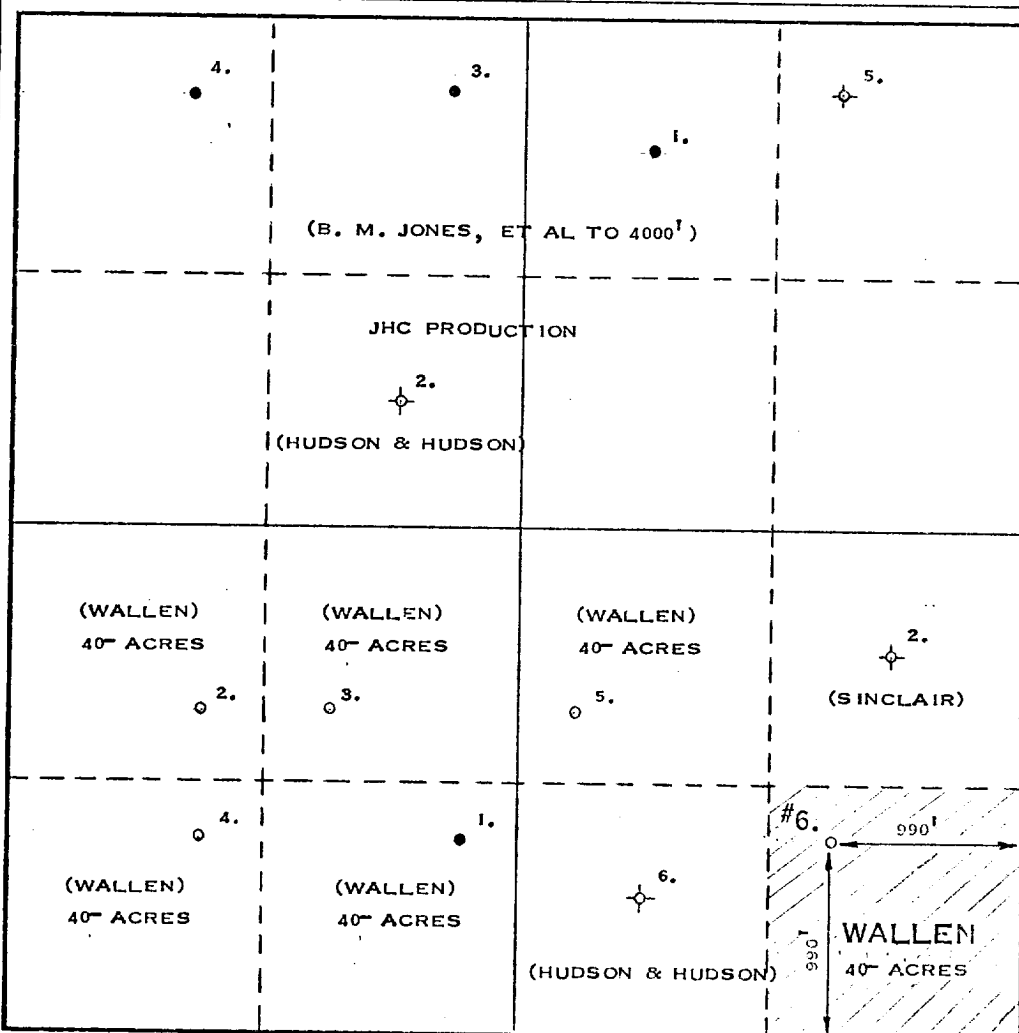
Operator WALLEN PRODUCTION CO.			Lease TONTO		Well No. 6
Unit Letter "P"	Section 30	Township 19-S	Range 33-E	County LEA	
Actual Footage Location of Well: 990 feet from the SOUTH line and 990 feet from the EAST line					
Ground Level Elev. 3591	Producing Formation SEVEN RIVER YATES		Pool SOUTH TONTO	Dedicated Acreage: 40 Acres	

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

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

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

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



CERTIFICATION

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

Name Walter H. King
Position Engineer
Company Wallen Prod. Co.
Date 1/19/77

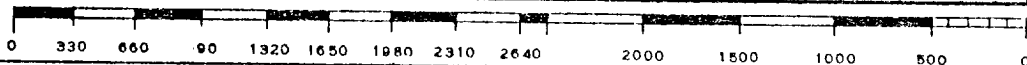
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
JANUARY 5, 1977

Registered Professional Engineer
and/or Land Surveyor
Walter H. King

Certificate No.

1510



RECEIVED

JUL 5 1977

OIL CONSERVATION COMM.
HOBBS, N. M.

U. S. Geological Survey

HC28S DISTRICT

Wallen Production Company

Walter W. Krug

No. 6 Wallen Tonto

SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 19 S., R. 30 E.
Lea County, New Mexico

Above Data Required on Well Sign

CONDITIONS OF APPROVAL

1. Drilling operations authorized are subject to compliance with the attached General Requirements for Drilling Operations on Federal Oil and Gas Leases, dated January 1, 1977.
2. Notify this office (telephone (505) 393-3612) when the well is to be spudded and in sufficient time for a representative to witness all cementing operations. Attached are names and telephone numbers of Geological Survey and Bureau of Land Management personnel who are available for consultation during construction, drilling, completion, and rehabilitation activities.
3. Immediate notice is required of all blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life.
4. Secure prior approval of the District Engineer for variance from the approved drilling program and before commencing plugging operations, plug-back work, casing repair work, corrective cementing operations, or suspending drilling operations indefinitely.
5. Blowout prevention equipment is to be installed, tested, and in working order before drilling below the surface casing and shall be maintained ready for use until drilling operations are completed.
6. All pits found to contain toxic liquids will be fenced and covered with a fine-mesh netting for the protection of wildlife as directed by the responsible BLM representative.
7. In the event the oil or gas test results in a dry hole, the drill pad and access road will be ripped in accordance with "BLM Roswell Districts' Ripping Recommendations for Caliche or Compacted Drill Pads and Access Roads" (3109).
8. All structures and pipelines above ground, not subject to applicable conservation and safety requirements, should be painted a non-glare, non-reflective, non-chalking color that simulates the natural colors of the site. The Federal Standard Number to be used is Fed. Stand. 595, Color 30318.

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JUL 15 1977

OIL CONSERVATION COMM.
HOBBS, N. M.