

<p>U.S.</p> <p>Celsius Ener 1/4 J.S. Sprinkle, etal 7-1-83 18643</p> <p>24</p>	<p>U.S.</p> <p>Judy Chidress (S) K.G. Flatt (S)</p> <p>19</p>	<p>Cit. Serv. 10-1-87 91120</p> <p>Turner U.S. Mins. K.G. Flatt (S) RE Tapp, etal</p> <p>20</p>	<p>Tennessee Gas St. Sunray M.C. TD 8915 DIA 2 12 61 State</p> <p>7</p> <p>37</p>	<p>U.S.</p> <p>W. Wilson Cuccia Fed TO 4866 18643</p> <p>Pendleton Ld. & Expl. 4-1-88 32173</p> <p>25</p>	<p>U.S.</p> <p>Celsius Ener 1/4 J.S. Sprinkle, etal 7-1-83 18643</p> <p>Felmont HBP 021097</p> <p>30</p>	<p>U.S.</p> <p>U.S. Mins. K.G. Flatt (S)</p> <p>Pendleton Ld. & Expl. 4-1-88 32173</p> <p>Felmont HBP 021097 H.A. Lock</p> <p>29</p>	<p>Cit. Serv. 10-1-87 31120</p> <p>904 Barton, etal W.A. Yeager, etal</p> <p>RE Tapp, etal</p> <p>21</p>	<p>U.S.</p> <p>W. Wilson Cuccia Fed TO 4866 18643</p> <p>Pendleton Ld. & Expl. 4-1-88 32173</p> <p>Felmont HBP 021097</p> <p>28</p>	<p>U.S.</p> <p>U.S. Mins. K.G. Flatt (S)</p> <p>Pendleton Ld. & Expl. 4-1-88 32173</p> <p>Felmont HBP 021097</p> <p>27</p>	<p>U.S.</p> <p>U.S. Mins. K.G. Flatt (S)</p> <p>Pendleton Ld. & Expl. 4-1-88 32173</p> <p>Felmont HBP 021097</p> <p>26</p>	
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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised (12/1/55)

Santa Fe, New Mexico
AMENDED

NOTICE OF INTENTION TO DRILL 54 AM '65

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in **QUINTUPLICATE**. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form O-128 in triplicate to first 3 copies of form O-101

Midland, Texas

November 12, 1965

(Place)

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as
H. L. Brown, Jr. & Clem E. George

(Company or Operator)

Saunders "A"

(Lease)

Well No. **1**, in **Unit F** The well is

(Unit)

located **1650** feet from the **West** line and **1650** feet from the

North

line of Section **5**, T. **8-S**, R. **37-E**, NMPM.

(GIVE LOCATION FROM SECTION LINE) **Bluitt San Andres Gas Pool, Roosevelt** County

If State Land the Oil and Gas Lease is No. _____

If patented land the owner is **C. J. Saunders, et al**

Address **717 Alexander Drive, Dallas, Texas**

We propose to drill well with drilling equipment as follows: **Rotary from surface to total depth**

The status of plugging bond is **Blanket bond**

Drilling Contractor **Verna Drilling Company, Levelland, Texas**

We intend to complete this well in the **San Andres** formation at an approximate depth of **4600** feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
12-1/4"	8-5/8"	24 & 20#	Both	300	150 sacks
7-7/8"	4-1/2"	9.5 & 10.5#	Second Hand	4600	200 sacks

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work)
CEMENT MUST BE CIRCULATED BEHIND

878 CASING.

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,
EXPIRES Feb 14-66

NOV 15 1965

Approved _____
Except as follows:

RECEIVED

NOV 17 1965

OIL CONSERVATION COMMISSION
H. L. BROWN, JR.
MIDLAND, TEXAS

Sincerely yours,

H. L. Brown, Jr. & Clem E. George

(Company or Operator)

By R. Busby

Position **Agent**

Send Communications regarding well to

Name **R. Busby**

Address **606 N. Colorado, Midland, Texas**

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

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TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

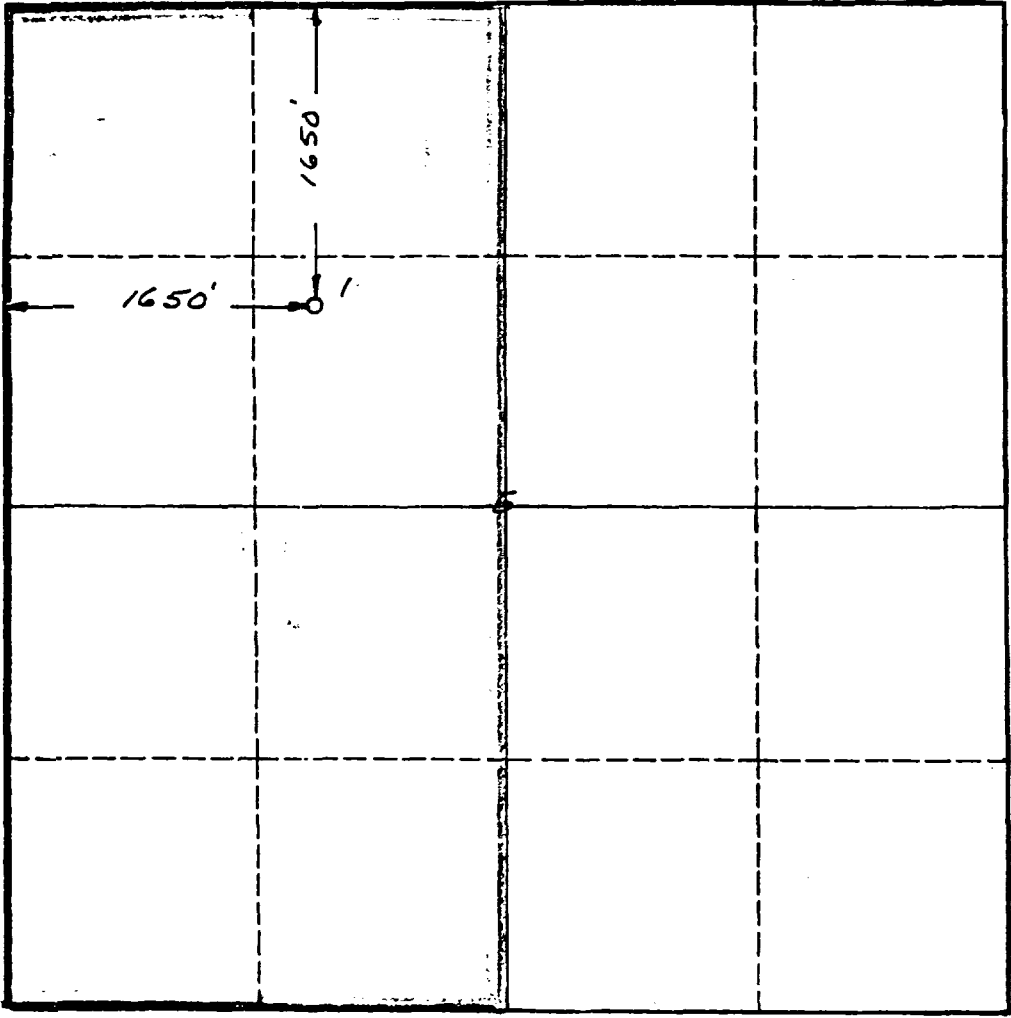
SECTION A

Operator H. L. Brown, Jr. & Clem E. George		Lease Saunders "A"		Well No. 1
Unit Letter F	Section 5	Township 8-South	Range 37-East	County Roosevelt
Actual Footage Location of Well: 1650 feet from the North line and 1650 feet from the West line				
Ground Level Elev. 4074	Producing Formation San Andres	Pool Bluitt San Andres (Gas)	Dedicated Acreage: 320 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO **X**. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES **X** NO _____. If answer is "yes," Type of Consolidation **Acreage pooled for gas unit allocation.**
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



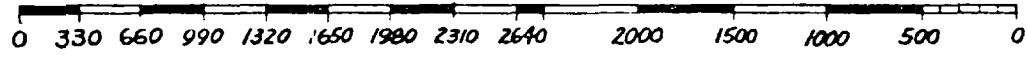
CERTIFICATION

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

Name	<i>R. Bursley</i>
Position	Agent
Company	H.L. Brown Jr. & Clem E. George
Date	November 12, 1965

I hereby certify that the well location shown on the plat in SECTION B 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	Nov. 12, 1965
Registered Professional Engineer and/or Land Surveyor	<i>Wm E. Showe</i>
Certificate No.	2189



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LAND OFFICE	
OPERATOR	

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NEW MEXICO OIL CONSERVATION COMMISSION

JUN 19 1968

H. L. BROWN, JR.
MIDLAND, TEXAS

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- H. L. Brown, Jr.	7. Unit Agreement Name Saunders "A"
2. Name of Operator	8. Farm or Lease Name 1
3. Address of Operator 704 Vaughn Building, Midland, Texas	9. Well No.
4. Location of Well F 1550 West 1550	10. Field and Pool, or wildcat Bluff San Andres
UNIT LETTER North FEET FROM THE 5 LINE AND 8-3 FEET FROM 37-2	
THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.	
15. Elevation 4080' GR (whether DF, RT, GR, etc.)	12. County Rockwell

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK
TEMPORARILY ABANDON
PULL OR ALTER CASING
OTHER _____

PLUG AND ABANDON
CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK
COMMENCE DRILLING OPNS.
CASING TEST AND CEMENT JOBS
OTHER _____
ALTERING CASING
PLUG AND ABANDONMENT

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.

This well was plugged and abandoned on February 5, 1968 as follows:

10 sacks cement at 4400'

Shot off 4-1/2" casing at 2196' and set 25 sacks cement at 2196'

25 sacks cement at 331'

10 sacks cement at the surface

Hole filled with 8.5# ml.

Erected steel marker.

Notification will be given when well site has been cleared and conditioned looking to final inspection and approval of abandonment.

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

SIGNED R. Busby TITLE Agent DATE February 12, 1968

APPROVED BY John W. Runyan TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

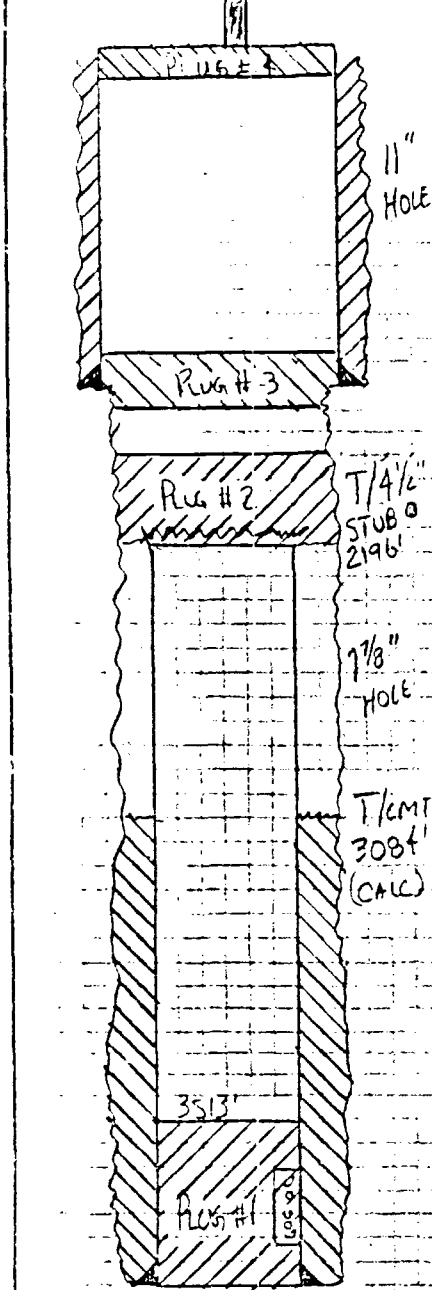
H.L. Brown, Jr.

BLWITT (SAN ANTONIO ASSOC.)

SAUNDERS A

COMPANY REP
CIRM GEORGE
COUNTY
ROOSEVELT
STATE
N.M.

CASING	SIZE	WEIGHT	GRADE	THREAD	TYPE COMPLETION FLUID IN CASING				
	8 7/8"	20.24	J-55	ST-C					
LINER	SIZE	WEIGHT	GRADE	THREAD	TUBING WT. ON	LOWER	MIDDLE	UPPER	
	4 1/2"	10.50#	-	-					
TUBING	UPPER	SIZE	WEIGHT	GRADE	THREAD	TYPE LATCH	LOWER	MIDDLE	UPPER
		NONE							
	MIDDLE	SIZE	WEIGHT	GRADE	THREAD	OPERATOR'S NAME			
						H.L. Brown, Jr.			
LOWER	SIZE	WEIGHT	GRADE	THREAD	OFFICE			DATE	
					MIDLAND, TX			11-19-	



ITEM	DEPTH	LENGTH	JTS	DESCRIPTION
				Loc: 1650' FN: WL's, SEC. 5, T- R-37-E, ROOSEVELT COUNTY, N.M.
				SPUD: 1600 HRS, 11-16-65
				COMPL: 5-11-66, 574 MCFD ON 1.
				PLUGGED: 2-4-67
1	281		10	8 5/8" 20:24# CSG, CMT'D w/ 75 INCOB + 4% GEL FOLLOWED BY 75SX + 2% CaCl ₂ . PD 10:30pm 11-16-65, CIR
2	4547		142	4 1/2" 10.50# J-55, ST-C, 3rt. CSG CMT'D w/ 350SX INCOB 50-50 P + 2% GEL + 8#/SX SALT, BUMPED PLUG 1700psi (11-27-65) T/CMT BEHIND CSG: 3084' (CALC.) PERFORATIONS: 4405', -13', -15', -29', -5' -65', -69', -73', -85', 4527', -29' AND - INITIAL STIM. SPOTTED ACID 4546'-10' BD @ 1400psi, ACIDIZED BELOW PSA 4488' w/ TOTAL OF 2000gal 15% ARO 1 1/2 BPM. ISDP = 1000#, 10" SIP OVERNIGHT SITP = 700psi, SFL 2000' SUIB'D DOWN REC. ALL LOAD. SWR 5-70 + 80-90% SW, RE/A w/ 5000gal REACTROL 4.4 BPM @ 2000psi AVG. PRESS. FLOWED 15' GOT BACK HVY OIL: WTR EMULSION. SWR CLEANED UP & FLOWED ARO 100 MCFD RE/A w/ 3000gal DS 30 ACID + 2% SEALERS ARO 4.4 BPM - BAL'D OUT. PRESS. 2000psi, ISDP 2100, 10" SIP = 10' FRAC / 20000gal GELLED BRINE + 1/4 #/g 20/40 SN, ARO 358 BPM ISDP 1000#, 10" SWABED: FLOWED. FLOWED BACK - W/LL TESTED 373 MCFD ON 150# FTP

TD: 4547'
PSTD: 4546' (orig.)
ELEV: 4085' RKB
4084' DF
4074' G

H.L. Brown, Jr. - SAUNDERS 'A' #1 - Sec 5, T-8-S, R-37-E, ROOSEVELT Co., N.M.

INITIAL HOOLUP: CAPITAN, 8-3-66.

WORKOVER: (1-29-67) - PULLED PKR LOOSE, FOUND FILL
OVER 23' PERFS. 100 JTS TRG PLUGGED w/ SALT.
WASHED OUT SALT - COULD NOT RETURN WELL TO
PRODUCTION.

PXA: PTG

SET 10SX PLUG @ 4400'

SHOT OFF 4 1/2" @ 2196'

SET 25SX PLUG @ 2196'

" 25SX " @ 331'

" 10SX " @ SURFACE

ERECTED DRY HOLE MARKER - CLEANED UP LOC.

ORIGINAL 4-POINT TEST: 5/10/66

SIBHP = 1297 psig @ MFP

ADF = 820 MCFD.

LOGS AVAIL: SCHLUMBERGER, 11-26-65, COMP. FDC/GR/CA
(4546'-SURF). WESTERN WIRELINE GR/CCL
LOG (4543'-4200') DATED 12-1-65.

33
3

INJECTION WELL DATA SHEET

SIDE 1

H. L. Brown, Jr. Saunders A

OPERATOR

LEASE

1650' N & 1650' W

5

8S

37E

WELL NO. FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Schematic

Tubular Data

Surface Casing

Size 8 5/8" " Cemented with 150 gx.

TOC Surface feet determined by circulation

Hole size 11"

Intermediate Casing

Size 4 1/2" " Cemented with 825 gx.

TOC 3084' feet determined by calculations

Hole size 7 7/8"

Long string

Size " Cemented with gx.

TOC feet determined by

Hole size

total depth

Injection Interval

4030' feet to 4535' feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8" 4.7# lined with internally plastic coated TK 5 set in a
Model AD-1 (material)
4 1/2" x 2 3/8" inj. packer, internally plastic coated Baker/ packer at 3950± feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the Injection formation San Andres

2. Name of Field or Pool (if applicable) Biditt (San Andres) Pool

3. Is this a new well drilled for injection? Yes No

If no, for what purpose was the well originally drilled? Gas well - dry hole

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

Form C-103

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None

COMPANY H.L. BROWN, JR.

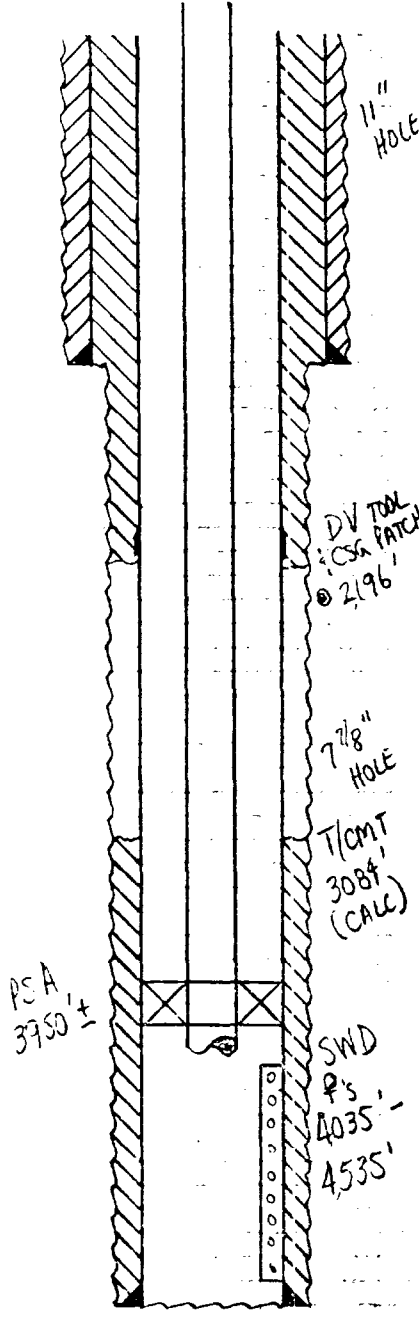
FIELD BLUETT (SAN ANTONIO ASSOC.)

WELL NAME SAUNDERS "A" No. 1

COMPANY REP GEORGE WELDON

COUNTY ROOSEVELT STATE NM

CASING	SIZE	WEIGHT	GRADE	THREAD	TYPE COMPLETION FLUID IN CASING			
					LOWER	MIDDLE	UPPER	
LINER	SIZE	WEIGHT	GRADE	THREAD	TUBING WT. ON	LOWER	MIDDLE	UPPER
TUBING	UPPER	SIZE	WEIGHT	GRADE	THREAD	OPERATOR'S NAME		MSO
	MIDDLE	SIZE	WEIGHT	GRADE	THREAD	H.L. BROWN, JR.		
	LOWER	SIZE	WEIGHT	GRADE	THREAD	OFFICE MIDLAND		DATE 9-25-85



TD: 4547'
 PSTD: 4546'
 ELEV'S: 4035' RKB
 4084' DF
 4074' G

ITEM	DEPTH	LENGTH	JTS	DESCRIPTION
				LOCATION: 1650' FN & WL's, SEC 5, T-8- R-37-E, ROOSEVELT COUNTY, NM
1	281		10	8 5/8" 20 & 24# CSG, CMT'D w/ 75 SX INCOR + 4% GEL FOLLOWED BY 75 SX REGULAR + 2% CaCl ₂ . CMT CIRCULATED
2	4547			4 1/2" 10.50# J-55, ST & C, 8rt CSG, CMT'D THROUGH SHOE w/ 350 SX INCOR 50-50 POZ + 2% GEL + 8#/SX SALT. T/CMT 3084' (CALC'D). CMT'D SECOND STAGE THROUGH DV TOOL @ 2196' w/ 475 SX CL "C" + 2% CaCl ₂ , CIRC. CMT PERFORATIONS: 4130'-35' 4130'-32' 4137'-42' 4144'-41', 4149' 4151'-63' 420', 4331'-34' 4400'-17' 4425'-30' 4454'-61' 4464'-75' 4483'-89' 4525' 35' 2 JSPF (176 HOLES) STIMULATION: 500 gal 7 1/2% NE-FE ACID (SPOTTED) FOLLOWED BY 4100 gal 15% NE-FE ACID w/ BALL SEALERS.
3	3950 ±			2 3/8" 4.7# J-55, EUE, 8rt TBA INTERNALLY PLASTIC COATED
4	3950 ±			4 1/2" x 2 3/8" INJECTION PACKER, INTERN PLASTIC COATED. ANNULUS BEHIND 2 3/8" TUBING TO BE FILLED WITH FRES WATER CONTAINING 2% (CORROSION) INHIB + BACTERIACIDE + OXYGEN SCAVENGER. PRESSURE GUAGES TO BE INSTALLED ON 4 1/2" x 2 3/8" ANNULUS AND ON 4 1/2" x 8 5/8" ANNULUS

WRITE IT - DON'T SAY IT

To FIELD FOREMAN
From LES SKINNER

Date 4-24-85
Answer Expected No

PROSPECT - LEASE - WELL

BLUITT FACILITY (441) - BLUITT SWD #1 - ROOSEVELT CO., NM

PURPOSE: TO RE-ENTER THE OLD SAUNDERS "A" #1 WELL, CONVERT AND EQUIP FOR SWD SERVICE.

COMMENCEMENT: UPON WIO APPROVAL

PROCEDURE (SEE ATTACHED WELLBORE SKETCH):

1. LOCATE "DRY HOLE" MARKER, MOVE-IN DIET CONTRACTOR AND PREPARE ROAD: LOCATION FOR RIG, RE-SET ANCHORS AND DIG SMALL PIT.
2. WITH BACKHOE, DIG OUT CELLAR AND EXPOSE $8\frac{5}{8}$ " CASING STUB. CUT OFF CAP AND WELD ON $8\frac{5}{8}$ " COMBINATION COLLAR (SRT CONNECTION ON TOP, SLICK SLIP-OVER ON BOTTOM). INSTALL 3-4' $8\frac{5}{8}$ " NEPPLE THEN WELD-ON $8\frac{5}{8}$ " LARKIN SLIP-ON HEAD (SCREWED).
3. MILL COMPLETION UNIT X INSTALL 2000 psi MANUAL BOP ON TOP OF $8\frac{5}{8}$ " HEAD. RU REVERSE CIRCULATING PUMP AND POWER SWIVEL.
4. PU $7\frac{7}{8}$ " MILL TOOTH BIT BORED FOR REVERSE CIRCULATING AND RUN ON $4\frac{1}{4}$ " COLLAR. DRILL OUT SURFACE PLUG PICKING UP A TOTAL OF 4 ea. $4\frac{1}{4}$ " COLLARS AND 4 ea. $3\frac{1}{8}$ " COLLARS AND RUNNING IN HOLE TO DRILL OUT PLUGS #3 AND #2. DRILL OUT USING FRESH WATER TO TOP OF $4\frac{1}{2}$ " CASING STUB AT ~~2196~~²¹⁹⁷' (RKB) AND CIRC CLEAN (USE JU STRIPPER).
2196
5. TOOH X STAND BACK $2\frac{3}{8}$ " TUBING WORKSTRING AND $3\frac{1}{8}$ " DC'S. LA DOWN $4\frac{1}{4}$ " DC'S. PU $7\frac{7}{8}$ " X $4\frac{1}{2}$ " DRESSING TOOL X TIH ON $3\frac{1}{8}$ " DC'S AND $2\frac{3}{8}$ " TUBING. DRESS OFF TOP OF $4\frac{1}{2}$ " CASING STUB AT ~~2196~~²¹⁹⁷' TOOH X LD DRESSING TOOL.
2196
6. PU $4\frac{1}{2}$ " BOWER'S CASING PATCH W/ LEAD SEAL PACKOFF + $4\frac{1}{2}$ " REGULAR DV TOOL AND TIH ON STRING OF $4\frac{1}{2}$ " 10.50#, JORK-55,

WRITE IT - DON'T SAY IT

To FIELD FOREMAN
From LES SKINNER

Date 4-24-85
Answer Expected No

PROSPECT - LEASE - WELL BLUETT SWD #1

PROCEDURE (CONT'D):

ST: C, 8ft CASING. LATCH ONTO 4 1/2" STUB, CHECK SEAL, THEN PUMP BULLET DOWN TO OPEN DV TOOL. CIRC TO CLEAN UP.

7. CEMENT 4 1/2" CASING THROUGH DV TOOL WITH 475 SK CLC + 2% CaCl₂. DISPLACE TOP RUBBER PLUG TO DV TOOL ABOVE CASING BOWL. BUMP PLUG TO CLOSE DV TOOL, THEN PRESSURE CHECK DV TOOL TO SEE THAT IT IS CLOSED. SION FOR CEMENT TO HARDEN.

8. PULL 10,000 # ON 4 1/2" CASING AND SET SLIPS IN 3 5/8" HEAD. CUT OFF 4 1/2" CASING, NO BOP, INSTALL SEAL IN 3 5/8" HEAD, WELD ON 4 1/2" BELL NIPPLE, THEN NU BOP ON 4 1/2" CSG.

9. PU 3 7/8" MILL TOOTH BIT BORED FOR REVERSE CIRCULATION, PLUS 4 ADDITIONAL 3 7/8" DC'S (8 TOTAL) AND TIH ON 2 3/8" TBG. DO RUBBER PLUG AND CEMENT ABOVE CASING PATCH, THEN DRILL OUT AND RUN TUBING THRU JU STRIPPER TO 4546' ±. DO NOT DRILL OUT OLD 4 1/2" SHOE. CIRC HOLE CLEAN.

10. WITH BIT ON BOTTOM, SPOT 500 gal 7 1/2% DOUBLE-INHIBITED HCl NE-FE ACID, THEN TOOH x LD 2 3/8" WORKSTRING, 3 7/8" COLLARS AND BIT.

11. RU WIRELINE UNIT AND PERFORATE 4 1/2" CASING WITH 3 7/8" CASING GUN USING LARGEST CHARGES AVAILABLE WITH 2 JSPP IN THE FOLLOWING INTERVALS: 4030'-35' (11 SHOTS), 4130'-32' (5 SHOTS), 4137'-42' (11 SHOTS), 4144'-47' (7 SHOTS), 4149' (2 SHOTS), 4159'-63' (9 SHOTS), 4204' (2 SHOTS), 4331'-34' (7 SHOTS), 4400'-19' (39 SHOTS), 4425'-30' (11 SHOTS), 4454'-61' (15 SHOTS), 4464'-75' (23 SHOTS)

WRITE IT - DON'T SAY IT

To FIELD FOREMAN
From LES SPINNER

Date 4-24-95
Answer Expected No

PROSPECT - LEASE - WELL BLUITT SWD #1

PROCEDURE (CONT'D):

- 4483'-89' (13 SHOTS) AND 4525'-35' (21 SHOTS) - TOTAL 176 SHOTS.
(LINE UP OFF OF WESTERN WIRELINE GR/CCL LOG DATED 12-1-65).
12. PICK UP INJECTION PACKER AND 2^{3/8}" INJECTION TUBING. TIH AND SET PACKER NEAR 4385' (LAND SO TUBING COLLAR IS NEAR TOP OF 4^{1/2}" CASING AT SURFACE - CASING COLLARS ARE AT 4368' AND 4402'). NO BOP, INSTALL SCREW-ON LARKIN HEAD AND SET SLIPS WITH TUBING AT NEUTRAL POSITION (NO TENSION ABOVE WEIGHT OF TUBING STRING). PRESSURE UP TO 500psi ONLY ON BACKSIDE (4^{1/2}" X 2^{3/8}" ANNULUS) TO SEE THAT PACKER IS HOLDING, MONITOR BACKSIDE PRESSURE (DO NOT RELEASE).
13. ACIDIZE WELL DOWN TUBING WITH 4100 gal 15% NE-FE ACID (EXCLUDING SPOTTED ACID) AT MAXIMUM RATE DOWN 2^{3/8}" TUBING (PROBABLY 8-9 BPM) DROPPING 2 BALL SEALERS PER BARREL OF ACID. FLUSH WITH FRESH WATER TO TOP PERFORATION ONLY. SI 2 hrs FOR ACID TO SPEND. RELEASE BACKSIDE
14. SWAB WELL TO CLEAN UP ACID RESIDUE - WHEN WATER GETS CLEAR, INSTALL INJECTION VALVE (FULL-OPENING 2^{3/8}" PLUS 2^{3/8}" "T" WITH TOP CAPPED WITH TAPPED PLUG (FOR 1/4" VALVE AND PRESSURE GAUGE). INSTALL 2" 1000psi BALL VALVE ON SIDE-OPENING OF "T" AND CHECK VALVE, THEN CONNECT FLOWLINE.

WRITE IT - DON'T SAY IT

To FIELD FOREMAN

Date 4-24-85

From LES SKINNER

Answer Expected No

PROSPECT - LEASE - WELL

BLUETT SWD #1

PROCEDURE (CONT'D):

15. Hook up to FLOWLINE WITH PUMP TRUCK AND PUMP DOWN TUBING WITH LEASE PRODUCED WATER AT VARIOUS RATES TO OBTAIN INJECTIVITY RATE AND PRESSURE ON WELL.
16. AFTER PUMPING, RIG UP WIRELINE UNIT AND OBTAIN TEMPERATURE SURVEY TO INSURE THAT WATER IS BEING INJECTED INTO PERFORATED INTERVAL (i.e., NOT CHANNELING OUT OF ZONE).
17. IF ANYTHING OCCURS DURING THE JOB WHICH WOULD PREVENT THE NORMAL, STEPWISE COMPLETION OF THIS WORK, SHUT DOWN, CALL THE MIDLAND OFFICE AND DISCUSS WITH THE ENGINEERS. DO NOT CONTINUE WITHOUT SPECIFIC INSTRUCTIONS.

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
<p>Richardson 15 00057</p>	<p>Monsanto 7-1-85 29645</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	<p>Cit. Serv. 10-1-87 3120</p>	
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	
<p>Marcia Brook (M) Lignum Oil F. Feat. (S)</p>	<p>Marcia Brook (M) R.G. Bartlett O.M. Spitzer</p>	<p>Ranadero C. Johnson M.L. Mary Hays (S)</p>	<p>Tenneco 4-1-88 32592</p>	<p>Featherstone Fed El 408 TO 4800 SA 3803 DA 10 3-83</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>	<p>U.S. M.I. Mary Hays et al (S)</p>

BLUITT
U.S. R.N. Ainsworth (S)

ALLISON

EKS

SAUNDERS A-1 INJECTION ZONE (4040'-4535')

Lithology: Tn-Gy dolomite, microcrystalline, interbedded with thin layers of anhydrite.

Geological Name: San Andres. Top: 3720'. TD (4547')

Thickness and Depth: 4030' - 4535' (505') Injection zone.

Lower Ogallala contains water with approximately 5000 ppm Chlorides. Not fit for human consumption but is used for watering cattle.

AFFIDAVIT

STATE OF TEXAS

COUNTY OF MIDLAND

Before me, the undersigned authority, personally appeared Les Skinner, the Operations Manager of H. L. Brown, Jr., independent oil operator, who, being duly sworn, deposes and says that in regard to the application to inject disposal fluids into the Saunders A Well No. 1, Section 5, T8S, R-37E, Roosevelt County, New Mexico, available geologic and engineering data have been examined, and no evidence was found of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

Subscribed and sworn to before me on the 7th day of October, 1985, to certify which witness my hand and seal of office.

Erind W. Davis
Notary Public in and for
Midland
County, Texas

Commission expires 3-24-89

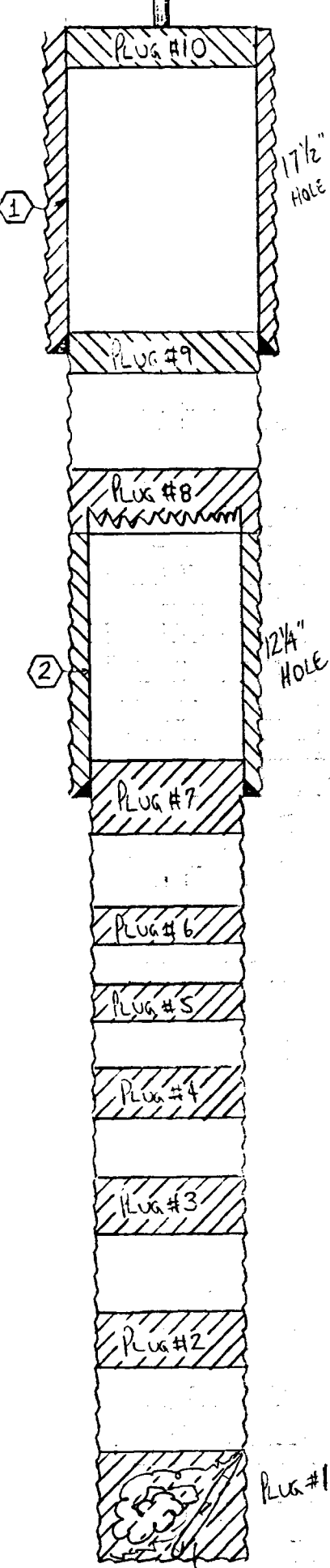
COMPANY H.L. BROWN, JR.

FIELD WILDCAT (DEVONIAN)

WELL NAME SAUNDERS EST. #1

COMPANY REP CLEM GEORGE
 COUNTY ROOSEVELT STATE N.M.

CASING	SIZE	WEIGHT	GRADE	THREAD	TYPE COMPLETION FLUID IN CASING			
	13 3/8"	48#	-	ST:C				
LINER CSG	SIZE	WEIGHT	GRADE	THREAD	TUBING WT. ON	LOWER	MIDDLE	UPPER
	8 5/8"	32#	-	-				
TUBING	SIZE	WEIGHT	GRADE	THREAD	TYPE LATCH	LOWER	MIDDLE	UPPER
UPPER	NONE							
MIDDLE								
LOWER								
OPERATOR'S NAME								MSO
H.L. BROWN, JR.								
OFFICE								DATE
MIDLAND								11-21-53



ITEM	DEPTH	LENGTH	JTS	DESCRIPTION
				Loc: 1980' FNL x 660' FWL, Sec 5, T-8-S, R-37-E, ROOSEVELT Co., N.M. SPUD: 1930 hrs, 8-2-61 PLUGGED: 9-21-61
1	300'		9	13 3/8" 48# ST:C CSG, CMT'D W/ 300SX INCOR + 2% HALAD-5 (CaCl2) PD 1000 hrs, 8-3-61. CIR 50SX
2	4010'		126	8 5/8" 32# CSG, CMT'D W/ 650SX 50-50 POR + 6% GEL FOLLOWED BY 150SX CLASS C + 2% CaCl2 DGT #5 (DEVONIAN) - 9475'-9565' (90') TO W/ STRONG BLOW. REC 270 Ø MUD + 6250' SWL. 30" ISIP 3725, FFP 2125-2350, 30' FSIP 3625 LOGS AVAILABLE: GR/N DATED 8-17- NOTE - LATERAL LOG TOOL + 150' WIRELINE LEFT IN HOLE. PLUGS: #1 9565'-9490' 25SX #2 9255'-9180' 25SX #3 9275'-9210' 25SX #4 7215'-7140' 25SX #5 6605'-6530' 25SX #6 5235'-5160' 25SX #7 4065'-3990' 25SX SHOT off 8 5/8" CSG AT 1513' (FREEPOINT) #8 1525'-1500' 25SX #9 325'-300' 25SX #10 SURFACE 10SX DRY HOLE MARKER INSTALLED.

TD: 9565'
 PBTD: SURFACE
 ELEV: 4083' G
 4094' RKB
 4093' DF

JUNK