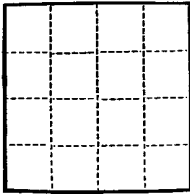


Copy to J. J.

Land Office Santa Fe
Lease No. LC 068127
Unit _____

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING <u>& Frac</u> <u>X</u>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 17, 19 64

Well No. 2 England Federal is located 1980 ft. from N line and 660 ft. from E line of sec. 30

SE NE Sec. 30 6S 26E NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Linda San Andres Chaves New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3788 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Copy Acid and Frac treatment attached

RECEIVED

SEP 28 1964

ARTESIAN OFFICE

NOTED
SEP 29 1964
SHOGER

RECEIVED
JUL 21 1964
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Ray Smith

Address Box 953, Midland, Texas

By [Signature]

Title Agent



W.V. WELLS, INC. COMPANY

"Engineered Well Services"

GENERAL OFFICES - FORT WORTH, TEXAS

TREATMENT REPORT

RECEIVED JUL 21 1964

SEP 28 1964

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

O. E. O.
ARTEZIA, OFFICE

Date 5-25-64

Well Data

Operator Ray Smith

Case England Federal Well No. #2

Field Linda

Location 30-6-26

County Chaves State New Mexico

Formation San Andres Depth 986 to 1023.5

Age No. 1 this section. Old New Well

Depth: TD 1052 PSTD 1052

Size Casing 7" Weight 29 7/8 Set thru

Size Liner Weight Set from to

Setting Perforations w/holes per foot 20 holes
986-1023.5

Size Tubing 2 3/8 Tubing Perf. 9 1/8

Size Packer Hovco R-3 Set at 9 1/8

Previous Treatment new well

Production Prior to this treatment

Operator Representative Bill Cravey

Western Engineer Larry Foster

Western District Artesia, New Mexico

Operator Max. Trtg Pressure: 4000

Field Receipt No. 64348

Treatment Data

Volume & Type 1250 gal 1 1/2 Spent Acid

Amount Sand Size

Perforation Sealers 30 in. cont. Stages

Misc. Mtls.

Pumping Eqpt. 1 FM 600

Tbg Cap. 3.67 Csg. Cap. 2.78

Annular Cap. Open hole cap.

Fluid to load 6 Trtg. Fluid 10

Flush 6.45 Overflush 1.95

Total load to recover 38 Type Flush water

TIME	PRESSURE TEG	FLUID CSG	RATE PMPD	RATE IPM	REMARKS
12:23					Start acid via tubing
12:25	2300				Tubn. break 2300 to 2000
12:26	2000	6			Start ball sealer cont.
12:28	3000	12			Pressure increase & break
12:31	4000	22			Perfs balled out
12:35	4000	22			Drop ball off
12:45	400	22	4		Resume with acid
12:47	1600	30	4		All acid-start flush
12:49	1600				All flush - complete

Max. Press. 4000 Min. Press. 1600

Rate of Acid 2.5 Flush 4 Avg. Rate 2.7

ISDP 1000 Type Flush water

Test Western Connections to: 6000

Remarks Treat casing perfs via tubing below packer with acid and ball sealers - 15 minute shutin pressure. 700 psi

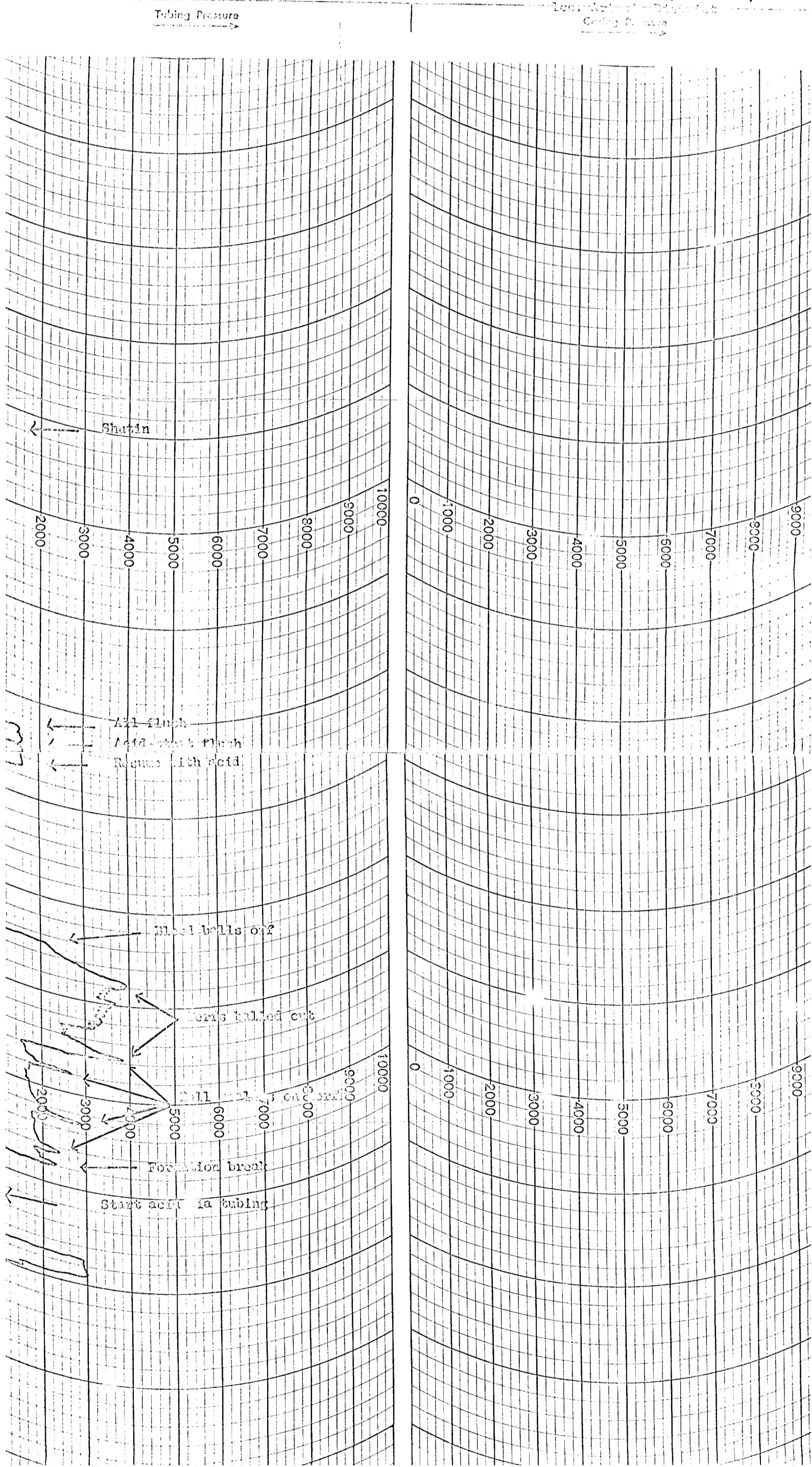
DISTRIBUTION

1. cc: Ray Smith Drlg. Co. - 409 Milk

2. cc: Con-Foster Bldg. - Midland, Tex

3. cc: Bill Cravey & Larry Foster - 1001 Sunnyside

4. cc: Bill Cravey - 1001 Sunnyside - Artesia, New Mexico





RECEIVED THE WESTERN COMPANY

RECEIVED JUL 21 1964

SEP 28 1964

"Engineered Well Services"

GENERAL OFFICES - FORT WORTH, TEXAS

U. S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

O. C. C. ARTESIA, OFFICE

TREATMENT REPORT

Date 5-26-64

Well Data

Operator Ray Smith Drlg. Co.

Lease England Federal Well No. #2

Field Linda San Andres

Location _____

County Chaves State New Mexico

Formation San Andres Depth 986 to 1023.5

Stage No. 1 this section. Old _____ New X Well _____

Field Receipt No. 64349

Treatment Data

Volume & Type 15,000 gal refined oil

Amount Sand 9000# 1000# Size 20-40 10

Perforation Sealers _____ in _____ Stages _____

Misc Mtls. 250# Adomite Mark II 200# P-2

Pumping Eqpt. 3 FM 600

Depth: TD _____ PBD 1052

Size Casing 7" Weight 29# Set thru

Size Liner _____ Weight _____ Set from _____ to _____

Size hole below _____

Casing Perforations w/holes per foot 20 holes .7/8
986-1023.5

Tbg Cap. _____ Csg. Cap. 38

Annular Cap. _____ Open hole cap. _____

Fluid to load est. rate 56 Trtg. Fluid 360

Flush 38 Overflush 12

Total load to recover 466 Type Flush lease oil

TIME	PRESSURE TBG	CSG	FLUID PMPD	RATE BPM	REMARKS
4:02		0			Start l/o to load w/Adomi
4:04		2300	56		Start refined oil
4:06		2200	104		Start sand @ 1/2"
4:08		2500	152		Increase sand to 3/4"
4:11		2450	248		Increase sand to 1 1/4" & P-2
4:20		2300	368		Start 10-20 sand @ 1/2"
4:22		2300	416		All frac-start flush
4:24		2000	466		All flush - complete

Max. Press. 2500 Min. Press. 2000

Rate on Frac. 20.8 Flush 25 Avg. Rate 21.6

ISDP 1400 Type Flush lease oil

Test Western Connections to: 4500

Previous Treatment Acid to breakdown

Production Prior to this treatment _____

Operator Representative Bill Cravey

Western Engineer V.L. Foster

Western District Artesia, New Mexico

Operator Max. Trtg Pressure: 4000

Remarks Treat casing perms via casing with refined oil with Adomite - 9000# 20-40 sand - tail in with 1000# 10-20 sand - 15 minute shutin - 1000 psi.

- DISTRIBUTION
1. lcc: Ray Smith Drlg. - 409 Wilkins
 2. Foster Bldg. - Midland, Tex
 3. lcc: Durlson & Huff - Box 935 - Mid
 4. lcc: Bill Cravey - 1001 Canyon - Artesia
- lcc: Artesia District

