

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR
(Other instructi
verse side)CATE
on reForm approved
Budget Bureau No. 42-B1424.
5. LEASE DESIGNATION AND SERIAL NO.

LC 029392 B

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. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR WESTALL MASK ✓	8. FARM OR LEASE NAME HINKLE FEDERAL
3. ADDRESS OF OPERATOR DRAWER 1477, ROSWELL NM 88201	9. WELL NO. 1 X
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 330' FROM SOUTH LINE, 1650' FROM EAST LINE	10. FIELD AND POOL, OR WILDCAT SHUGART
11. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 27-18s-31E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3642	12. COUNTY OR PARISH EDDY
	13. STATE N MEX

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.) *

PERFORATED 13 HOLES 2614-2726

PERFORATED 17 HOLES 2752-2524

NEW POTENTIAL SAME AS BEFORE, NO SUBSTANTIAL INCREASE

ENCLOSED IS COPY OF DOWELL WELL REPORT

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

SIGNED

(This space for Federal or State office use)

TITLE CO-OWNER

DATE 7/18/74

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

FORMATION TREATMENT REPORT

PRINTED IN U.S.A.

WELL DIVISION OF THE DOW CHEMICAL COMPANY

WELL NO. **FEDERAL No. 1-B**

SUNGART

EDDY

ACIDIZE - FRACTURING

CUST. NAME **WESTALL & MASK**

ADDRESS

CITY, STATE & ZIP CODE

REMARKS:

Box 1477

Roswell, New Mexico 88240

FORMATION **SILVER RIVERS - YATES**

STATE **New Mexico**

CUSTOMER NO.

Mc Graw-Hill

FOR DONE DOWN

TUBING **A**

CASING **B**

ANNULUS **C**

YDS:

CSG: **2500**

TYPE OF WELL

NEW WELL **A**

REWORK **B**

WATER **C**

INA. **D**

AGE OF WELL

DATE OF WELL

DATE OF WELL

DATE OF WELL

CASING SIZE

CASING DEPTH

TUBING SIZE

TUBING DEPTH

LINER SIZE

LINER DEPTH

PACKER TYPE

PACKER DEPTH

OPEN HOLE

CSG. OR ANNUL. VOL.

YDS VOLUME

SVATIC. SVT.

52.0

10.8

2776

N/A

2776

13

17

2524

PERFORATED INTERVALS

DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
2614		2752			
To		2524	17		
2776	13				

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION: **1300**

TIME	INJECTION		PRESSURE		PAGE No. 1	SERVICE LOG
	RATE	BBLs IN	CSG.	TBG.		
1330						Rig up equipment - standby for KCl - premix KCl water
1522						Start KCl water to load
1528	7	52				Start acid to spot
1529	6	3/55				Start KCl water flush
1530	6	8/63				Shut down acid on spot - pull six joints tubing
1610						Start KCl water to load & breakdown
1613		5/68				Loaded - shut down - pump down
1624	4		1800			Restart acid & 20 RCN Ball sealers - feeding
1630	4	21/89	2000			Shut down - pump down 151P 1600
						Unable to restart pump - allow acid to equalize - pull tubing to perforate additional zone
						06-07-74 - Arrive on location 0800
0905	4		1500			Start KCl water + 12 RCN Ball sealers
0912	4.2	24/24	1600			Start 7 1/2% XE75 acid + 30 RCN Ball sealers
0918	4	24/48	1700			Acid in - start KCl flush
0923	3.2	15/63	2300			Flush complete - shut down - good ball action 151P 1300 PSI

TIME LEFT LOCATION	AVG. LIQUID INJ. RATE	ADJ. RATE (SOLIDS INJ.)	TOTAL PUMPED	PROPS AND LIQUIDS INJECTED
1730	3.5		OIL WATER	TYPE SIZE OR PURPOSE AMOUNT
MAX. PRESSURE	AVG. PRESSURE	FINAL PUMP IN PRESSURE	SHUT IN PRESSURE	7 1/2% XE75 ACIDIZE 48 BBLs
2300	1700	2300	IMMEDIATE 15 MINUTES	2% KCl + FTS Flush 99 BBLs
WELL LOCATION	DOWELL ENGINEER			RCN Balls DIVERTER 62 BBLs
Artesia, New Mexico	G. H. CARNETT			
CALL DATE	CUSTOMER REP. CONTACTED	CUSTOMER CONSIDERED SERVICE	SATISFACTORY UNSATISFACTORY UNKNOWN	PROD. BEFORE TREATMENT TEST ALLOWABLE DAYS
				PROD. AFTER TREATMENT TEST ALLOWABLE

FORMATION TREATMENT REPORT

DATE		D		LL DIVISION OF THE NEW CHEMICAL COMPANY	
WELL NUMBER		LOCATION		CUSTOMER REFERENCE	
Fed. No. 1-B		SEVEN RIVERS - Yates		Mr. G. H. Carnett	
STATE		NEW MEXICO		ALLOWABLE PRESSURE	
TUBING		CASING		ANNULUS	
A		B		C	
TYPE OF WELL		WATER		INJ.	
OIL		GAS		W	
AGE OF WELL		REWORK		TOTAL DEPTH	
NEW WELL		A		POTD	
Casing Size		Casing Depth		Tubing Size	
5 1/2		3900		NA	
Liner Size		Liner Depth		Packer Type	
5 1/2		15.5		NA	
OPEN HOLE		CSG. OR ANNUL. VOL.		TBS VOLUME	
		67.2			
PERFORATED INTERVALS					
DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
2614		2752			
2726	13	2824	17		

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS				
ARRIVED ON LOCATION: 0800				
TIME	INJECTION RATE	BBLs IN	PRESSURE CSG.	PRESSURE TBG.
1100				
1105				
1111	34		1900	
1115	26	94/96	1600	
1135	27	157	1650	
1136	27	29/620	1600	
1138	25		2500	
1139	25	94/96	2400	
1204	24	1176	2400	
1207 1/2	24	8/1256	2400	

SERVICE LOG

Page No. 2

Pull tubing - prepare to frac via 5 1/2 casing

Test Downell lines to 3000 psi - OK

Start WF 30 Pao 1

Start 1" 20/40 sand/gal + 100" L35 Gypban

1st stage frac complete - start WF 30 pao + 15 RCN Balls

Balls in - continue pao

Ball hitting

Pao complete - start 1" sand/gal + 100" L35 Gypban

Frac complete - start KCl water flush

Flush in - shut down

1510 = 1400

5 min = 1350

10 min = 1300

15 min = 1300

Average Rates - 1st stage @ avg. 1600 psi

2nd stage @ avg. 2400 psi

Aug. liquid rate = 23 BPM

Aug. liquid rate = 23 BPM

W/ SAND = 23.8

W/ SAND = 25.0 BPM

TIME LEFT LOCATION	AVG. LIQUID INJ. RATE	ADJ. RATE (SOLIDS INC.)	TOTAL FLUID PUMPED	PROPS AND LIQUIDS INJECTED		
1300	ABOVE	ABOVE	OIL 1256	TYPE	SIZE OR PURPOSE	AMOUNT
MAX. PRESSURE	AVG. PRESSURE	FINAL PUMP IN PRESSURE	SHUT IN PRESSURE	24. KCl F75-7154	FRAC	1256 Bbls
2500	1st stage 1600	2400	IMMEDIATE 1400	20/40	PROP	40,000 lbs
	2nd stage 2400		15 MINUTES 1300	L35	SCALE INJ.	200 lbs
DOWELL LOCATION	DOWELL ENGINEER		RCN Balls DIVERTER 15 BBLs			
Artesia, New Mexico	G. H. Carnett					
DATE	CUSTOMER REP. CONTACTED	CUSTOMER	PROB. BEFORE TREATMENT		PROB. AFTER TREATMENT	
CALL BACK		CONSIDERED	TEST		TEST	
		SERVICE	ALLOWABLE		ALLOWABLE	



DOWELL VISION OF DOW CHEMICAL COMPANY

RECORDED SERVICE

TREATMENT NO. 05-13-6152

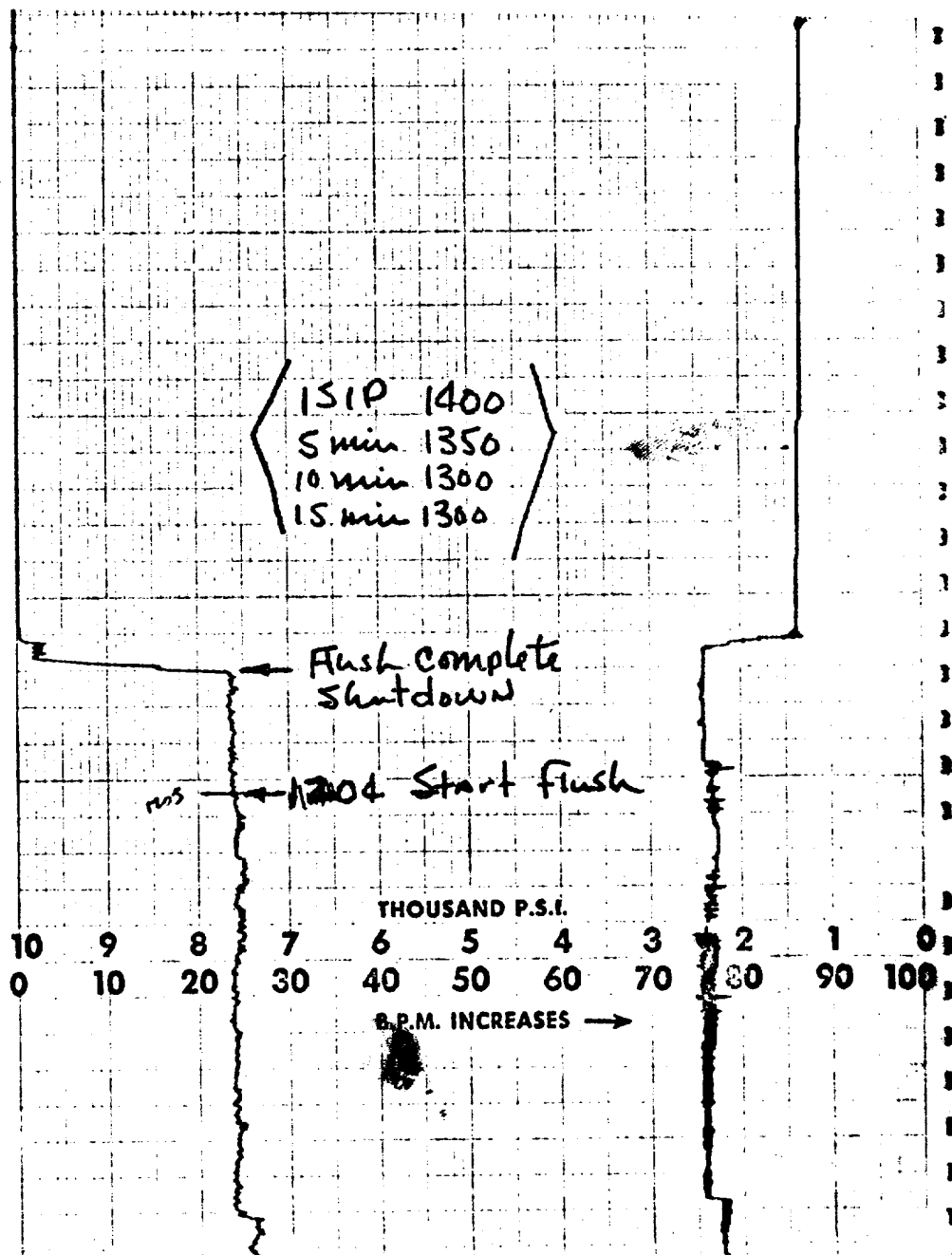
TYPE OF
SERVICE

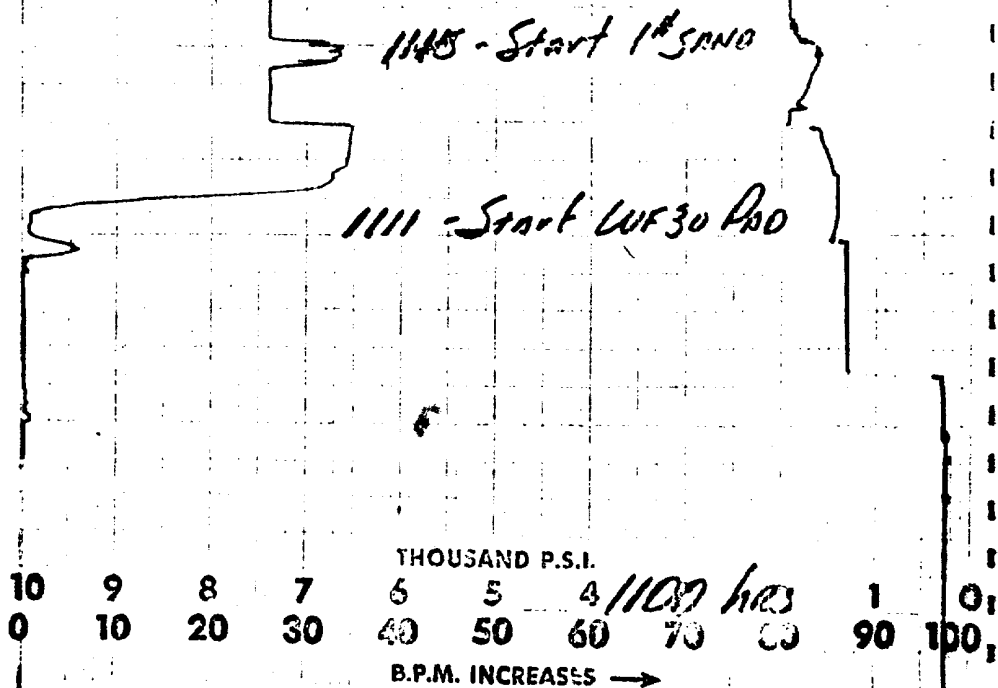
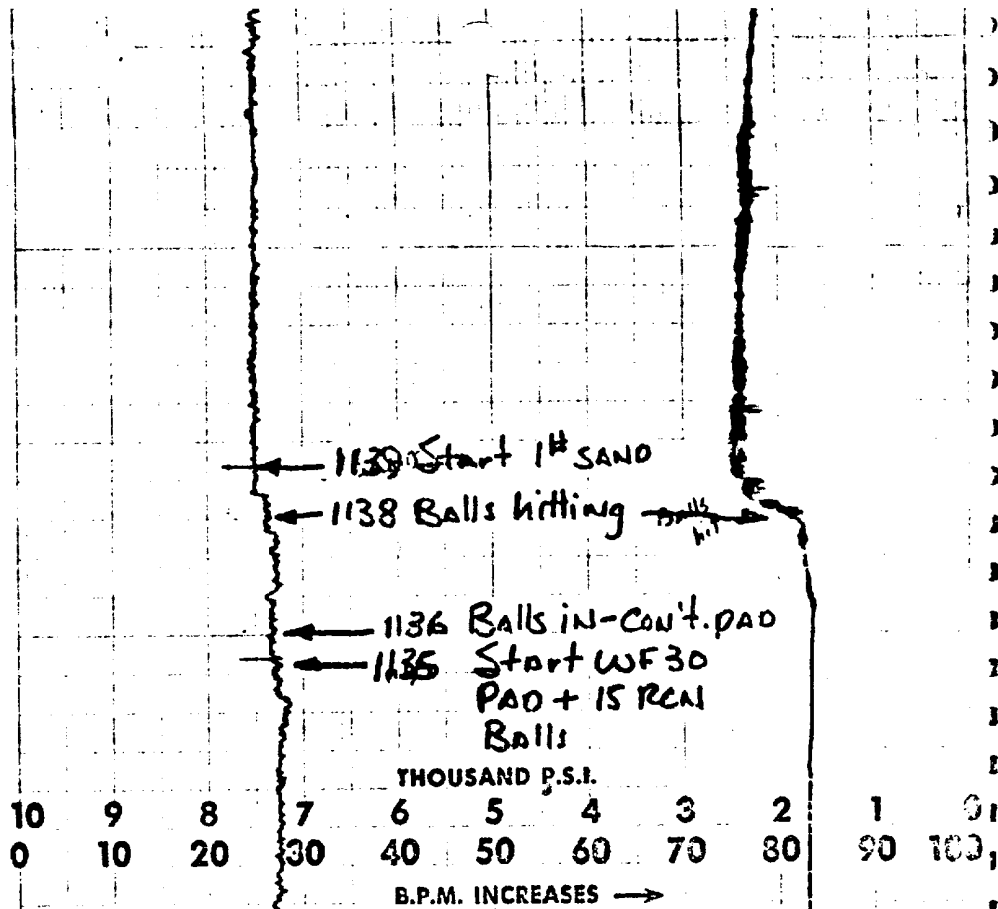
Acid Fracturing

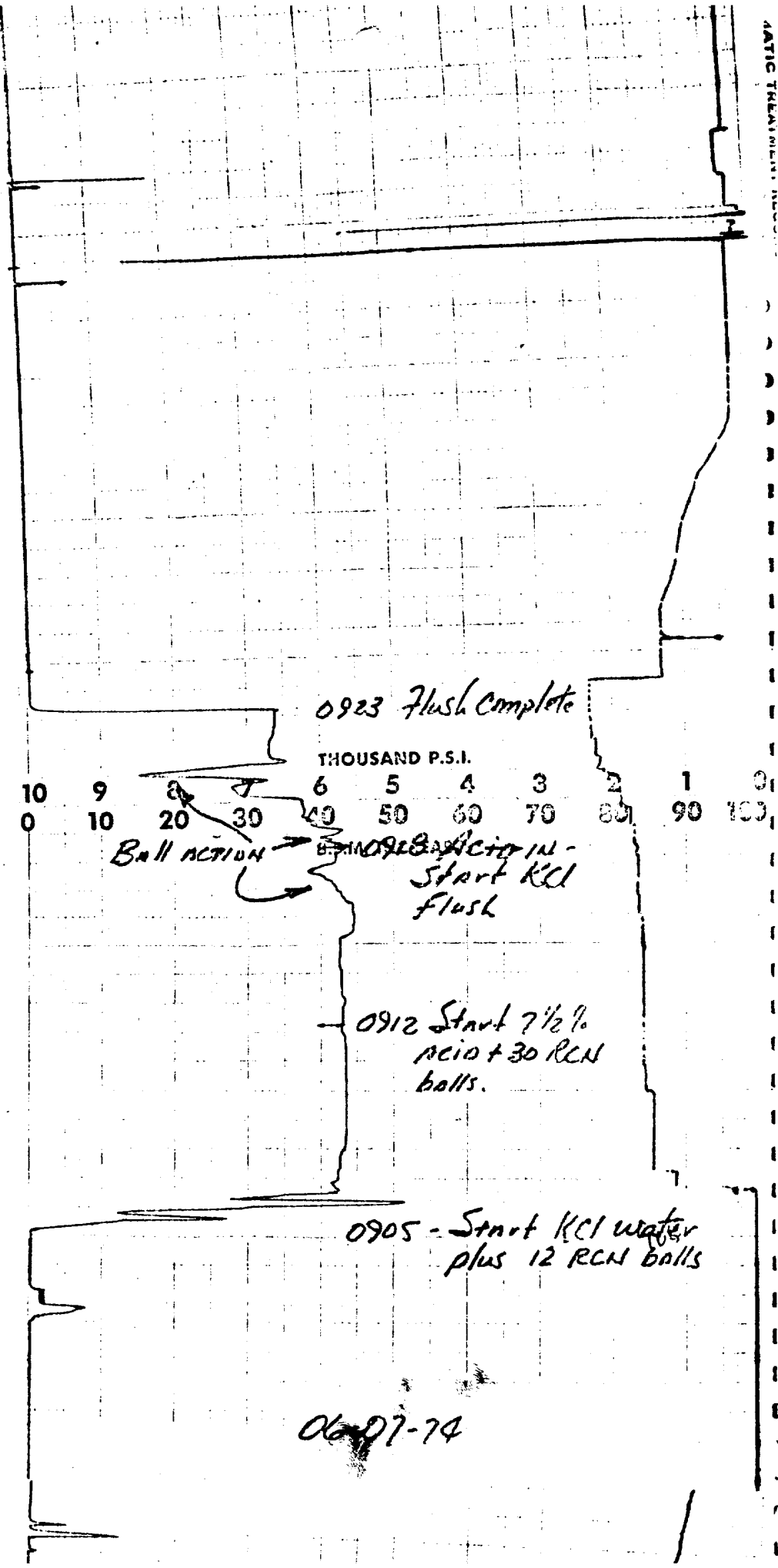
DATE 06-07-74

OWNER <i>WESTALL & MASIK</i>	WELL NAME AND NUMBER <i>Hinkle Federal 1-B</i>
OWNER'S REPRESENTATIVE <i>GERALD WESTALL</i>	SERVICE ENGINEER <i>G. N. CARNETT</i>

REMARKS:







06-27-74

THOU. ID P.S.I.

10	9	8	7	6	5	4	3	2	1	0
0	10	20	30	40	50	60	70	80	90	100

1630
B.P. INCREASES down
All Acid gone

SWAB
2/10
balls

1625
1624 Start Acid + balls

1613 Pump down

1610 Start KCl to breakdown

THOUSAND P.S.I.

10	9	8	7	6	5	4	3	2	1	0
0	10	20	30	40	50	60	70	80	90	100

B.P.M. INCREASES →

