N. M. O. C. C. COPY

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

Copy to JF

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 [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: WESTALL MASK ✓

3. ADDRESS OF OPERATOR: DRAWER 1477, ROSWELL NM 88201

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 AND 990' FROM WEST LINE

5. LEASE DESIGNATION AND SERIAL NO.: LC 029392 (B)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: HINKLE "B" FEDERAL

9. WELL NO.: 3

10. FIELD AND POOL, OR WILDCAT: SHUGART

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 27-18-31

12. COUNTY OR PARISH: EDDY

13. STATE: N.M.

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3623 GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(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.)*

DRILLED 3350-3500 16 HOLES FRAC

960 BBLS WATER, 46,500 LBS 20/40 SAND, 50 GAL L 37 SCALE INHIBITOR

RUN RODS & TUBING, BEGAN PUMPING

8 5/8 28# SET AT DEPTH 650 250 SKS CEMENT
4 1/2 9.5 SET AT DEPTH 3572 400 SKS CEMENT
2 3/8 EUE SET AT DEPTH 3500
TOTAL DEPTH DRILLED 3600'

RECEIVED
SEP 20 1974
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED Jack Mask TITLE CO-OWNER DATE 9/19/74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

A. L. Porter

STIMULATION TREATMENT REPORT

DWL-494-J PRINTED IN U.S.A.

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

DATE: 08-14-74

WELL NAME AND NUMBER: Hinkle Federal 3-B

LOCATION

FIELD: Shugart

FORMATION: Queen

COUNTY: Eddy

STATE: New Mexico

TYPE OF SERVICE: F63 Ezefrac Fracturing

CUSTOMER REPRESENTATIVE: Mr. Gerol Westall

JOB DONE DOWN: TUBING A ☐ CASING B ☒ ANNULUS C ☐

TREATMENT NUMBER: 05-13-6214

ALLOWABLE PRESSURE: TBG. Dual CSG 3000

CUST. NAME: Westall & Mask

ADDRESS:

CITY STATE & ZIP CODE: Box 1477, Roswell, New Mexico 88201

REMARKS:

TYPE OF WELL: OIL A ☒ GAS B ☐ WATER C ☐ INJ. C ☐

AGE OF WELL: NEW WELL A ☒ REWORK B ☐

TOTAL DEPTH	CIRC. BHT.
3572	

CASING SIZE	CASING DEPTH	TUBING SIZE	TUBING DEPTH
4½ 9.5#	3572	N/A	N/A

LINER SIZE	LINER DEPTH	PACKER TYPE	PACKER DEPTH
N/A	N/A	N/A	N/A

OPEN HOLE	CSG. OR ANN. VOL.	TBG. VOLUME	STATIC BHT.
N/A	56.7	N/A	

PERFORATED INTERVALS

DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
3350 to 3500	16				

FOR CONVENIENCE IN PURPOSES 42 GALS EQUALS 1000 GALLONS

ARRIVED ON LOCATION 0730

TIME	INJECTION RATE	BBLS IN	PRESSURE CSG.	PRESSURE TBG.	SERVICE LOG
0850					Rig up-mix chemicals - Standby to perforate
1130					TEST Dowell lines to 4500 psi - OK
1150		0			Start Ezefrac frac pad to breakdown & est. rate
1052		300			Shut down - bell collar leaking - Standby for repair
1231					Start pad - formation broke @ 2660 psi
1233					Shut down - bell collar leaking
1414	14	3 00			Start frac pad
1454	23	120/120	3000		Pad in - start ½# sand/gal
1459	29	120/540	2700		Increase sand to 1# /gal
1504	30	120/360	2700		Increase sand to 1½# /gal
1512	30.5	240/600	2600		Sand conc. to 2# /gal
1518	31	119/168	2600		Start 50 gal L37 scale inhibitor
1522	31.5	126/888	2600		Frac complete - start flush
1525½	21	70/70	2550		Shut down - flush complete
					ISIP = 1600
					5 min = 1550
					10 min = 1500

MAX. RATE	AVG. RATE	AVG. PRESSURE	SHUT IN PRESSURE IMMEDIATE	SHUT IN PRESSURE 15 MINUTES	TOTAL FLUID PUMPED
30.00	27.1	2700	29.5 / 2500	1600	760 BBLS

PROPS AND LIQUIDS INJECTED

TYPE	SIZE OR PURPOSE	AMOUNT
3% XFC3 (15%)	Frac-Flush	186 BBLS
L37	Scale Inh.	5 gal
Sand	2/40	46,500 lbs

DOWELL LOCATION: Artesia, N.M.

DOWELL ENGINEER: G. H. Garnett

CALL BACK DATE

OTHER PERSONNEL CONTACTED

CUSTOMER CONSIDERED SATISFACTORY ☐ UNSATISFACTORY ☐ DUE TO

PROD. BEFORE TREATMENT: TEST ☐ ALLOWABLE ☐

PROD. AFTER TREATMENT: TEST ☐ ALLOWABLE ☐