DEPARTMEN OF THE INTERIOR (Other instructions GEOLOGICAL SURVEY)  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.)  OIL GAS WELL OTHER  NAME OF OPERATOR  Brunson & McKnight  ADDRESS OF OPERATOR  P. O. Box 1039, Hobbs, New Mexico 88240  1. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)  At surface  1980'/FNL & 660'/FEL of Section 33, T21S, R33E  14. PERMIT NO.  15. ELEVATIONS (Show whether DF, BT, CR. etc.)  Gr. 3644' DF 3654'  Lea N. M.	Form 9-331	Į	JNITED STAT	ES	SUBMIT IN TRIPLICAME.	Form approv	
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.  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  (BIL GAS WELL OF "APPLICATION FOR PERMIT—" for such proposals.)  7. UNIT AGREEMENT NAME  7. UNIT AGREEMENT NAME  8. VARM OF OPERATOR  8. VARM OF DEEATOR  9. O. BOX 1039, Hobbs, New Mexico 88240  1. ODITION OF WELL (Report location clearly and in accordance with any State requirements.*  See also Spute 17 below.)  At surface  1980 / FNL & 660 / FEL of Section 33, T21s, R33E  11. SEC., T. R. M., OB BLE. AND  SOBRETOR REPORT OF RANGE  12. COUNTY OR PARISH  13. STATE  Gr. 3644 ' DF 3654'  14. PERMIT NO.  15. ELEVATIONS (Show whether DF, BT, GR, etc.)  Gr. 3644 ' DF 3654'  16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  SUBSEQUENT REPORT OF:  TEST WATER SBUT-OFF  PALCTER TREAT  NOTICE OF INTENTION TO:  SUBSEQUENT REPORT OF:  REPAIRING CASHING  ABANDON'  SBOOTING OR ACIDIZE  ABANDON'  ABANDOM AND ALTER CASHING  ALTERING CASHING  ABANDOM AND ALTER SHOCT-OFF  PRACTICE TREAT  SHOOT OR ACIDIZE OF INTENTION OF CHANGE PLANS  (Other)  (O	(May 1963) DEPAR		If Ither (netroctions was			Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.	
SUNDRY NOTICES AND REPORTS ON WELLS  IDO not use this form for proposals to drill or to deepen or plug back to a different reservoir.  OR OFFICIATION FOR PERMIT—for such proposals.  OR OFFICIATION FOR PERMIT—for such proposals.  OR OFFICIAL WILL OTHER  OR OF OPERATOR  S. MANG OF OPERATOR  P. O. BOX 1039, Hobbs, New Mexico 88240  P. O. BOX 1039, Hobbs, New Mexico 88240  14. Location of well (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)  At surface  1980'/FNL & 660'/FEL of Section 33, T21S, R33E  11. SEC., T., R., M., OB BLE. AND SUBVEY OR AREA  Sec. 33, T21S, R33E  14. PERMIT NO.  15. LIEVATIONS (Show whether DP, BT, CR. etc.)  Gr. 3644'  DF 3654'  Lea N. M.  Check Appropriate Box To Indicate Noture of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  TEST WATER SHOT-OFF  PRACTURE TREAT MELL  (Other)  (Oth			EOLOGICAL SI	JRVEY		NM-0379454	
OIL WELL OTHER  STUNSON & MCKNight  S. ADDRESS OF OPERATOR  Brunson & McKnight  P. O. Box 1039, Hobbs, New Mexico 88240  P. O. Box 1039, Hobbs, New Mexico 88240  10. FIELD AND FOOL, OR WILL CREPORT LOCATION OF WELL (Report Location clearly and in accordance with any State requirements.*  1980'/FNL & 660'/FEL of Section 33, T21S, R33E  1980'/FNL & 660'/FEL of Section 33, T21S, R33E  11. SEC., T. R., M., OB BLE. AND SOULT OF ARISE SOLVEY OF AREA SEC. 33, T21S, R33E  14. PERMIT NO.  15. ELEVATIONS (Show whether DF, BT, GR, etc.)  Gr. 3644'  DF 3654'  Lea  N. M.  16.  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  SUBSTQUENT REPORT OF:  WATER SHUT-OFF  PRACTURE TREAT  SHOOT OR ACIDIZE  ABANDON*  ABANDON*  WATER SHUT-OFF  PRACTURE TREAT  SHOOT OR ACIDIZE  ABANDON*  CHANGE PLANS  (Other)  (O		NDRY NOTI	CES AND RE	PORTS ON		I	E OR TRIBE NAME
Brunson & McKnight  3. Address of Operator  P. O. Box 1039, Hobbs, New Mexico 88240  1. Location of well (Report location clearly and in accordance with any State requirements.*  See also Space 17 below.)  At surface  1980'/FNL & 660'/FEL of Section 33, T21S, R33E  11. SEC, T. R., M., OB BLK. AND SUBVET OR AREA  Sec. 33, T21S, R33E  14. Permit No.  15. Elevations (Show whether DF, St., CR., etc.)  Gr. 3644'  DF 3654'  Lea  Notice of intention to:  SUBSEQUENT REPORT OF:  TEST WATER SBUT-OFF  PULL OR ALTER CASING  MULTIPLE COMPLETE  SHOOT OB ACIDIZE  ABANDON*  SUBSEQUENT REPORT OF:  WATER SHOT-OFF  PRACTURE TREAT  MULTIPLE COMPLETE  ABANDON*  SUBSEQUENT REPORT OF:  WATER SHOOT OR ACIDIZING  ABANDONMENT*  (Other)  (Other)  ONTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)  17. DEXCRIBE TROTOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertionet dates, including estimated date of starting an 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.)*		. OTHER		. •		7. UNIT AGREEMENT NA	ANE
8. ADDRESS OF OPERATOR P. O. Box 1039, Hobbs, New Mexico 88240 1. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.) At surface  1980'/FNL & 660'/FEL of Section 33, T21S, R33E  11. SEC., T. E. M., OB BLE. AND SURVEY OF AREA  Sec. 33, T21S, R33E  12. COUNTY OR PARISH 13. STATE  Gr. 3644' DF 3654' Lea N. M.  16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF FRACTURE TREAT  SHOOT OB ACIDIZE  ABANDON*  CHANGE PLANS  (Other)  (Other)  (Other)  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting an 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.)*	2. NAME OF OPERATOR					8. FARM OR LEASE NA	ME
P. O. Box 1039, Hobbs, New Mexico 88240  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)  At surface  1980'/FNL & 660'/FEL of Section 33, T21S, R33E  11. SEC., T. E., M., OR BLE. AND SURVYOR AREA  Sec. 33, T21S, R33E  12. COUNTY OR PARISH 13. STATE  Gr. 3644' DF 3654' Lea N. M.  16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  TEST WATER SBUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE ABANDON' SHOOTING OR ACIDIZING ABANDONMENT* SHOOT OR ACIDIZING ABANDONMENT*  (Other)  (Other)  (Other)  (Other)  17. DESCRIBE PROFOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertioent dates, including estimated date of starting an 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.)*			nt			R. F. Legg	gett
10. FIELD AND FOOL, OR WILDCAT  11. SEC., T. R., M., OB BLE. AND SUBPET OR AREA  12. COUNTY OR FARISH  13. STATE  14. PERMIT NO.  15. ELEVATIONS (Show whether DF. Rt. GR. etc.)  16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF PRACTURE TRBAT SHOUT-OFF PRACTURE TRBAT SHOUT-OFF PRACTURE TRBAT SHOUT-OFF BEPAIRING WELL  ABANDON'S  CHANGE PLANS  (Other)  (Other)  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting an proposed work. If well is directionally drilled, give subsurface locations and mensured and true vertical depths for all markers and zones pertinent to this work.)*			Hobbs, New	Mexico	88240		
SERVEY OR AREA  SEC. 33, T21S, R33E  14. PERMIT NO.  15. ELEVATIONS (Show whether DF, BT, GR, etc.)  Gr. 3644'  DF 3654'  Lea  N. M.  16.  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  SUBSEQUENT REPORT OF:  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  BEPAIR WELL  (Other)  (Other)  (Other)  T. DENSCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting an 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.)*	See also space 17 b	(Report location cle elow.)	arly and in accordan	nce with any Stat	e requirements.•	10. FIELD AND POOL, O	R WILDCAT
14. PERMIT NO.  15. ELEVATIONS (Show whether DF, BT, GR, etc.)  Gr. 3644 DF 3654 Lea N. M.  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 WATER SHUT-OFF REPAIRING WELL  FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CASING ABANDON*  SHOOTING OR ACIDIZE ABANDON*  (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 an 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.)*	1980'/FNI	& 660'/F	EL of Sect	ion 33, 1	21S, R33E	SURVEY OR AREA	<b>L</b>
Gr. 3644 DF 3654' Lea N. M.  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF RECTURE TREAT  SHOOT OB ACIDIZE ABANDON' X SHOOTING OR ACIDIZING ABANDONMENT' ALTERING CASING ABANDONMENT' (Other)  (Other)  (Other)  (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 an 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.)*						Sec. 33, T218	5,R33E
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF PULL OR ALTER CASING PRACTURE TREAT MULTIPLE COMPLETE SHOOT OB ACIDIZE ABANDON* (Other)  (	14. PERMIT NO.	······································				12. COUNTY OR PARISE	1 13. STATE
NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF  PULL OR ALTER CASING  WATER SHUT-OFF  REPAIRING WELL  SHOOT OB ACIDIZE  ABANDON*  (Other)  (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)  (Other)  (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)  (Other)  (O			Gr. 364	4'	DF 3654'	Lea	N. M.
SHOOT OR ACIDIZE  ABANDON®  ABANDON®  ABANDON®  ABANDON®  ABANDONMENT®  (Other)  (Other)  (Other)  (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)  17. Describe 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.)®	16.		•	Indicate Natur	• •		
(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 an 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.)	FRACTURE TREAT SHOOT OR ACIDIZE	M Al	ULTIPLE COMPLETE BANDON®	X	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ALTERING C	Taine
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.).	(Other)				(Note: Report results Completion or Recompl	etion Report and Log for	rm.)
(see attachment)	proposed work.	If well is direction	ATIONS (Clearly state ally drilled, give sul	e ali pertinent dei bsurface locations	alls, and give pertioent dates, and measured and true vertice	including estimated dat il depths for all marker	e of starting any s and zones perti-
	(see att	tachment)					٠
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18. I hereby certify that the foregoing is true and correct SIGNED		Agent	TO VED	DATE _	February	<u>26,1</u> 97
(This space for Federal or State office use)	TITLE _	APP	1976	DA SE		
CONDITIONS OF APPROVAL, IF ANY:	_	liv)	AR I G 18 BYONN			
*s	ee Instruct	Alions on Reverse ST	THUR R. BROWN	المتاسم ميل	;	

Section 33, T21S, R33E Lea County, New Mexico

## PLUGGING PROCEDURE

- Blow well down for at least 24 hours. 1.
- Check all casing valves and determine which casing annalus is 2. venting gas.
- Tie into 2 3/8 tubing and kill well with 10# brine. 3.
- Install BOP, unseat Guiberson Uni-set VI packer. Allow time for 4. well to stabilize. Pump 75 bbls mud down tubing and displace with brine to 9500' (37 bbls) to load 5" liner with mud.
- Pull tubing and packer. Lay 4000' of tubing down. Put rest in 5. derrick.
- Rig up wire line unit and set CIBP in 5" 19.5# Drill pipe (ID 4.276 6. This DP was reamed with 4.1875 mill to 13,890') at 13,500'±, cap with 3 sacks cement.
- Go into hole with tubing and bridge plug, set BP just above 5" liner 7. 9588'±, get off of BP and circulate 360 bbls mud into hole.
- Tag top of BP with tubing and set a 50 sack plug (245') top of plug 8. at 9343'±.
- Set a 50 sx plug (245') from 8550' to 8305'±, this covers top of 9. Bone Springs.
- 10. Set a 75 sack plug (368') from 5100' to 4732'±. This covers liner splice at 4939'.
- Set a 50 sack plug (245') from 3900' to 3655'± 11. This covers DV tool at 8820' and top of reef.
- Set a 50 sack plug (245') from 3500' to 3255'±. This covers DV tool 12. at 3406'.
- Tie into 13 3/8 and 9 5/8 annalus and pressure up to 100 psi, hold for 13. 10 minutes, increase slowly to 200 psi, hold for 10 minutes, increase slowly to 300 psi. If this annalus holds up in the above tests. proceed with step 14.
- Pull tubing and perforate 7 5/8 liner and 9 5/8 casing at 600't, observe 14. action of 13 3/8 casing valve and 9 5/8 casing valves.
- Run tubing back to 600'±, close rams on pipe, start pumping water and 15. see if returns are gained out of 9 5/8 - 13 3/8 and 9 5/8 - 7 5/8annalus. If returns are gained, cement with 125 sack cement plug 200'±.
- 16. Set 25' plug at surface, install dry hole marker, clean location.

16.

## UNITED STATES SUEMIT IN TRIPLICATE.

Form approved.
Budget Bureau No. 42-81424

DEPARTI FINT OF THE INTE	RIOR verse side)  5. LEASE DESIGNATION AND SERIAL NO.  NM-0379454
SUNDRY NOTICES AND REPORTS (Do not use this form for proposals to drill or to deepen or phouse "APPLICATION FOR PERMIT—" for suc	
1.  OUL. GAS WELL X OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR	8, FARM OR LEASE NAME
Brunson & McKnight	R. F. Leggett
3. ADDRESS OF OPERATOR	9. WELL NO.
P. O. Box 1039, Hobbs, New Mex	ico 88240   1
<ol> <li>LOCATION OF WELL (Report location clearly and in accordance with a See also space 17 helow.) At surface</li> </ol>	ny State requirements.* 10. Field and Pool, or Wildcar
1980'/FNL & 660'/FEL of Section 3	3, T21S, R33E  11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  Sec. 33, T21S, R33E
14. PERMIT NO.   15. ELEVATIONS (Show whether	DF. BT. CR. etc.) 12. COUNTY OR PARISH 13. STATE
Gr. 3644'	DF 3654' Lea N.M.

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

NOTICE OF IN	TENTION TO:	SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	PULL OR ALTER CASING	<del>-</del> ]	WATER SHUT-OFF	
) <del></del>	}-			REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	]	FRACTURE TREATMENT	ALTERING CASING
SHOUT OR ACIDIZE	ABANDON*		SHOOTING OR ACIDIZING	ABANDONMENT* X
REPAIR WELL	CHANGE PLANS		(Other)	
(Other)	L		(Note: Report results of multi- Completion or Recompletion Re-	iple completion on Well

17. DESCRIBE PROPOSED OF 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.)\*

- 1. Killed well down 2 3/8 tubing with 55 bbls brine, unseated packer, displace hole with mud to 9588'.
- 2. Pulled tubing, set bridge plug on wire line at 13,490' in 5" liner capped with 36' cement.
- 3. Ran tubing with bridge plug and set plug at 9578', circulated hole with mud set 50 sx plug from 9578' - 9333'.
- 4. Set 50 sx plug from 8524' 8299'.
- 5. Set 75 sx plug from 5100' 4732'.
- 6. Set 50 sx plug 3900' 3655'.
- 7. Set 50 sx plug 3500' 3255'.
- 8. Pulled tubing perforated 7 5/8" liner at 615', re-ran tubing, circulated 9 5/8 - 7 5/8 annalus.
- 9. Squeezed 13 3/8 9 5/8 annalus from surface with 50 sx cement.
- 10. Cemented 9 5/8 7 5/8 annalus from 615' to surface. 11. Cemented 7 5/8 liner from 615' with 75 sx cement.
- 12. Cut wellhead off, set surface plug, installed dry hole marker.

Job complete March 25, 1976.

18. I hereby certify that the foregoing is true and correct	<del></del>	<del></del>		
SIGNED JOE T. Janica	TITLE	Agent	DATE April	21, 1976
(This space for Federal or State office use)			100 W S 24 100	
APPROVED BY	TITLE	APPR	OV DATE	
		MAY 1  Reverse Side AKTHUR  DISTRIC	0 197	
*Se	e Instructions or	Reverse Side AKTHUR	R. BROWN.	
		1 6121415	•	