SHOOT OR ACIDIZE

REPAIR WELL

## HAUTED STATES

ABANDON\*

CHANGE PLANS

Form approved.

(May 1963)	ONLIED SIVIES	(Other instructions on re-	5. LEASE DESIGNATION AND	
(May 1000)	DEPARTMENT OF THE IN	TERIOR verse side)	1	/
	GEOLOGICAL SURV	EY	1-89-1HD-5	
	SUNDRY NOTICES AND REPO	RTS ON WELLS	6. IF INDIAN, ALLOTTEE OR	, TRIBE NAME
(Do not	use this form for proposals to drill or to deepen of Use "APPLICATION FOR PERMIT—" for	r plug back to a different reservoir.	Havajo	4
1.			7. UNIT AGREEMENT NAME	
OIL E	GAS WELL OTHER			
2. NAME OF OPE	RATOR		8. FARM OR LEASE NAME	
AM	CO PRODUCTION COMPANY		USG Section	1.7
3. ADDRESS OF	PERATOR		9. WELL NO.	
	L Airport Brive, Fernington, M	ew Mexico 87401	35	
4. LOCATION OF See also space At surface	WELL (Report location clearly and in accordance w	10. FIELD AND POOL, OR WILDCAT		
	70' PWL & 630' PWL		11. SEC., T., R., M., OR BLK	
44	to san a gay sam		T-29-H, R-16-W	ne er
	15. ELEVATIONS (Show w	hether DF, RT, GR, etc.)	12. COUNTY OR PARISH 1	3. STATE
14. PERMIT NO.	3001' - CL		Sen Juan 1	low Hexter
16.	Check Appropriate Box To Ind	icate Nature of Notice, Report, or (	Other Data	
	• •		UENT REPORT OF:	
	NOTICE OF INTENTION TO:			
TEST WATE	R SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WEI	
FRACTURE T	ACCOUNT FOR COMPLETE	FRACTURE TREATMENT	ALTERING CASI	NG
rancion on a		SHOOTING OR ACIDIZING	ABANDON MENT	' <u>                                    </u>

er)
(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.) \* (Other)

An 11" surface hole was specified at 9:25 om, July 11, 1973 and drilled to 64'. The 7-5/8" casing was set at 64' with 50 eachs Clase "A" cement with 2% CaCly on July 11, 1973. The count disculated.





Spud & set casing

18. I hereby certify the toregoing, is true and correct				t-1- 11 1071
SIGNED J. ARRIOLD SHELL	TITLE	Area Engineer	DATE _	July 11, 1973
(This space for Federal or State office use)				
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE _	

Form 9-331 (May 1963)

1. OIL WELL.

## UNITED STATES DEPARTMENT OF THE INTERIOR SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

GEOLOGICAL SURVEY

Form approved. Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

### 1-89-IND-58

		6. I	F INDIAN,	ALLOTTEE OR
SUNDRY NOTICES AND REPORTS	ON WELLS			

(Do not use this form for proposals to Use "APPLICATION	drill or to deepen or plug back to a FOR PERMIT—" for such proposals.)	different reservoir.

Levale 7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME **USG Section 19** 

2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR 501 Airport Drive, Fernington, New Mexico 9. WELL NO. 35

LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT

T-29-N, R-16-W

2470' PML & 630' PML

Hogback Dakota 11. SEC., T., R., M., OR BLK. AND XE/4 WW/4 Section 19.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, 5003' GL

12. COUNTY OR PARISH | 13. STATE San Juan

TRIBE NAME

16.

or Other Data Check Appropriate Box To Indicate Nati SUBSEQUENT REPORT OF:

NOTICE OF INTENTION TO:

WATER SHUT-OFF

REPAIRING WELL ALTERING CASING

TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE

PULL OR ALTER CASING MILTIPLE COMPLETE ABANDON\*

FRACTURE TREATMENT SHOOTING OR ACIDIZING

ABANDON MENT

Sped & set casing & part CHANGE PLANS (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) REPAIR WELL 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.) \*

An 11" surface hole was spudded at 9:25 a.m., July 11, 1973 and drilled to 64'. The 7-5/8" casing was set at 64' with 50 sacks Class "A" canest with 2% CaCl2 on July 11, 1973. The cement circulated. The hele was reduced to 6-3/4" at 64' and drilling continued.

The well was drilled to a total depth of 660' with the 5-1/2" casing set at 657'. The casing was comented July 13, 1973 with 100 masks Class "A" with 2% CeCl2. The coment circulated.

A 5-1/2" coment retainer was set at 654' and squeezed with 50 sacks Class "A" coment with 2% CaCl2. Breakdown pressure 1000 pei, maximum squeeze pressure 1300 and final squeeze pressure 1000 pai. Reversed out 1 barrel coment.

Perforated 548-549' with 4 SPT on July 16, 1973. Alternately shut in and swabbed well with no fluid. Perforated 652-1/2-653-1/2" with 4 SPT on July 17, 1973. Acidized with 250 gallone 15% acid. Dropped 4 balls after 80 gallons. Displaced acid to perferations. Breshdown pressure 1000, maximum rate 1.2 MPM, AIR 1 MPM. Drilled coment retainer to 655-1/2'. Perferated 653-1/2-654-1/2' with 4 SPF. On July 18, 1973 acidized with 500 gallons 15% seid. Dropped 8 balls. Bronkdown pressure 900, average (avez)

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

J. ARNOLD SNELD

Area Engineer TITLE

July 23, 1973 DATE \_

(This space for Federal or State office use)

SIGNED

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

JUL 24 1973

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.

						/	
Form 9-331 (May 1963)		UNITED STATI	ES INTERIO	SUBMIT IN TRIPLICATE (Other instructions on reverse side)			d. u No. 42-R1424. AND SERIAL NO.
	DEPAR	IMENI OF THE GEOLOGICAL SU		verse side)	3. LEASE DE	D-IMD-	
	LINIDDY NO	TICES AND REP		I WELLS	6. IF INDIAN	, ALLOTTEE	OR TRIBE NAME
(Do not use	this form for proj	posals to drill or to deep CATION FOR PERMIT—	en or plug back	to a different reservoir.	May	eje	
1.	Use "APPLI	CATION FOR PERMIT—	— Propo	acts.,	7. UNIT AGR	EEMENT NA	ME
OIL GA	S OTHER				8, FARM OR	rmace Mak	
2. NAME OF OPERAT						ection	
3. ADDRESS OF OPE					9. WELL NO		
501 ALTH	rt brive,	Permission, Her	Mexico Sto	87401	10. FIELD A	ND POOL O	R WILDCAT
4. LOCATION OF WE See also space 1 At surface	LL (Report location 7 below.)	n clearly and in accordan	ce with any Sta	te requirements.	Torba	ack Dale	
M. Dura					11. SEC., T., SURVI	R., M., OR B	LK. AND
2470 THE	. 4 630' THE	<b>L</b>			3E/4 36	1/4 Sec	kion 19,
14. PERMIT NO.		15. ELEVATIONS (Sho	w whether DF, RT	, GR, etc.)	12. COUNTY	OR PARISH	13. STATE
		50031	<b>GL</b>		Sen Ju		New Mexi
16.	Check A	Appropriate Box To	Indicate Nat	ure of Notice, Report, or	Other Data		
	NOTICE OF IN	TENTION TO:		SUBSE	QUENT REPORT	OF:	<del></del>
TEST WATER SI	HUT-OFF	PULL OR ALTER CASING		WATER SHUT-OFF	<del></del>	REPAIRING V	[]
FRACTURE TREA		MULTIPLE COMPLETE	<b>T</b>	FRACTURE TREATMENT SHOOTING OR ACIDIZING		ALTERING C. ABANDONME	
SHOOT OR ACID	IZE	ABANDON* CHANGE PLANS		(Other)			
(Other)				(Note: Report resultant Completion or Recon	apletion Report	and Log Io	rm.)
proposed wor nent to this w	k. If well is dire	ectionally drilled, give sur	osuriace location	etails, and give pertinent dat is and measured and true vert	.scar aoptilis 191		•
1.	Squaasa 20	sacks Class "		ment into the for		OF	PFIVEN
2.	Fill the S	-1/2" casing to	, the sur	face with Class "A	" Heat or	e e	
3.	Cut off w	libead, erect	PAA market	r and close up los	ation.	APR	
						OIL	CON. COM. DIST. 3
			hone eens	ersation March 29,	. 1974. be	denotes !	dr.
M. L. Se	elinger, V	.s.G.s., and Hr	. 2. K, K	obbe, Amoso Produt	tid.	The state of the s	WED.
			•			APR :	n 107.
					9	nr K	3 1974

### SUBMIT IN DUPLICATE\* UNITED STATES

(See other in-

Budget Bureau No. 42-R355.5.

May 8, 1974

DATE .

structions on reverse side) DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY ALLOTTEE OR TRIBE NAME 6. IF INDIAN WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* 1a. TYPE OF WELL: 7. UNIT AGREEMENT NAME Other b. TYPE OF COMPLETION: WORK OVER DEEP-EN NEW WELL PLUG BACK DIFF. RESVR. Dry Hele S. FARM OR LEASE NAME Other . **BSG Section 19** 2. NAME OF OPERATOR 9. WELL NO. AMOCO PRODUCTION COMPANY 35 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT 501 Airport Brive, Farmington, New Mexico 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* Hoghack Dakota RECEIVED 11. SEC., T., R., M., OR BLOCK AND SURVEY 2476' Full & 630' Full At surface NE/4 Mi/4 Section 19. At top prod. interval reported below 7-29-8. R-16-8 MAY 1 0 1974 Same At total depth 13. STATE COUNTY OR PARISH New Mexico 16. DATE T.D. REACHED 17. DATE COMPL. (Recov to 9706) GERA CHICAGICAL SURVEY
FARMINGTON TOWNS MOF, REB. 19. ELEV. CASINGHEAD 15. DATE SPUDDED T. GR. ETC.)\* 7-11-73 CABLE TOOLS 23. INTERVALS ROTARY TOOLS 22. IF MULTIPLE COMPL., 21. PLUG, BACK T.D., MD & TVD 20. TOTAL DEPTH, MD & TVD DRILLED BY HOW MANY 0-TD 660' KB 25. WAS DIRECTIONAL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\* SURVEY MADE Dry Rele 27. WAS WELL CORED 26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Neutron Zo. CASING RECORD (Report all strings set in well) 28 CEMENTING RECORD AMOUNT PULLED WEIGHT, LB./FT. CABING SIZE DEPTH SET (MD) 11" 64' KB 50 ex (circ ent) 7-5/8" 24/ <del>(-1/4</del>' 100 ex (circ ent 5-1/2° 15.54 TUBING RECORD 30 LINER RECORD 29. PACKER SET (MD) DEPTH SET (MD) SCREEN (MD) SIZE SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT\* -31. PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 250 gal. LEE ECI 441-43 648-49' = 4 STT 452-55' x 4 SFF PRODUCTION 33.\* ELL STATUS (Producing or shut-in) PRODUCTION METHOD (Flowing, gas lift, pumpingpump) DATE FIRST PRODUCTION 3 1974 Dry Hele GAS-OIL BATIO OIL-BBL CHOKE SIZE PROD'N. FOR DATE OF TEST HOURS TESTED TEST PERIOD CON. COM. DISTERS BBL OIL GRAVITY-API (CORR.) GAS-FLOW, TURING PRESS. CASING PRESSURE CALCULATED OH -BRL. 24-HOUR RATE TEST WITNESSED BY 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

TITLE Ages Adm. Supvr.

Original Signed by

G. L. HARMION

SIGNED

Form	9-331
(May	1963)

# UNITED STATES SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

GEOLOGICAL SURVEY

Form approved. Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL

-	-		_		
- 17		-			
- 20	_	т.		-	-
-				_	

	6. IF INDIAN, ALLOTTEE OR TRIBE	NAME
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.	Havaio /	

Manage 1	4-
	30

	,-			Use	"APPLICATION	FOR PERMIT-	-" for suc	ch proposals.)	
1.		•				<del></del>			
	OIL WELL		GAS WELL		OTHER				

7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME

NAME OF OPERATOR

AMOOD PROBUCTION COMPANY USS Section 19

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, New Manice

3001 CL

LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT

2470' Fil & 630' Fil, Section 19, T-29-H, N-16-W

Rogback Dakets 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

ME/4 NH/4 Section 19 1-16

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

12 COUNTY OR PARISH 13. STATE

9. WELL NO.

Her Hexte

16.

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

SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: REPAIRING WELL WATER SHUT-OFF PULL OR ALTER CASING TEST WATER SHUT-OFF ALTERING CASING FRACTURE TREATMENT FRACTURE TREAT MULTIPLE COMPLETE SHOOTING OR ACIDIZING ABANDONMENT\* ABANDON\* SHOOT OR ACIDIZE REPAIR WELL CHANGE PLANS (Other) (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other)

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.)\*

After failing to find connertial quantities of hydrocarbons, the USG Section 19 No. 35 was plugged and abandoned on April 6, 1974, as follows:

- Squeezed 20 packs Glass "A" Neat coment into formation.
- Filled the 3-1/2" copies to surface with 75 cooks Class
- Cut off valibood and exceted P&A marker.
- Classed up location for inspection.



8. I hereby certify that the torregoing is true and correct SIGNED G. L. HAMILTON	TITLE Area Air. Super.	DATE May 7, 1974
(This space for Federal or State office use)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE