APPROVED BY _

CONDITIONS OF APPROVAL, IF ANY:

SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

(1124) 1000)	UNIT DEPARTMENT	ED STATE			reverse sic		_	
		I OF ITE GICAL SUR		CIOR			5. LEASE DESIGNATION	
A DDL ICATION				ENL OD	DI LIG D	A CV	6. IF INDIAN, ALLOTTE	
1a. TYPE OF WORK	Y FOR PERMIT 1	O DRILL,	DEEPE	<u> </u>	PLUG B	ACK	Navajo Tri	
DRI	LL 🕱	DEEPEN		I	LUG BAC	K 🔼	7. UNIT AGREEMENT N	AME
	AS			NGLE	MULTIPI ZONE	ж 🗀	8. FARM OR LEASE NAI	ME
WELL LAND W 2. NAME OF OPERATOR	ELL OTHER		ZU	NE L	ZUNK		USG Section	18
APRICO PI	RODUCTION COMPA	Y					9. WELL NO.	
3. ADDRESS OF OPERATOR					7401		10. FIELD AND POOL. C	WILDCATE
4. LOCATION OF WELL (R	port Drive, Far.	in accordance w	vith any S		•		Sogback Da	
At surface	' FSL & 2383' F			:			11. SEC., T., R., M., OR :	BLK.
At proposed prod. zon							SE/4 Section	18,
	Same	DOWN OF PO	OM OMBIA				7-29-k, R-16-	1 13 STATE
	AND DIRECTION FROM NEA						San Juan	New Hexic
DISTANCE FROM PROPORTION		hiprock, 3	16. NO	X1CO). OF ACRES	IN LEASE		OF ACRES ASSIGNED	1 Been French
LOCATION TO NEARES: PROPERTY OR LEASE I (Also to nearest dr);	LINE, FT.	2383*		4.1	60	10 1		joint)
18. DISTANCE FROM PROF TO NEAREST WELL, D OR APPLIED FOR, ON TH	POSED LOCATION* PRILLING, COMPLETED,	160'	19. PE	OPOSED DEI	тн	20. ROTA	ARY OR CABLE TOOLS	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)		<u> </u>				22. APPROX. DATE WO	
5038' R							Kovenba	et 1973
23.	I	PROPOSED CAS	SING ANI	O CEMENI	ING PROGRA	М		
SIZE OF HOLE.	SIZE OF CASING	WEIGHT PER	FOOT		NG DEPTH		QUANTITY OF CEME	
8-3/4"	7"	17#		1	10'		35 ex (eire	
6-1/4"	4-1/2"	9.5		9	<u> </u>		153 av /erre	5467
coment reta 194-210' an	te PROPOSED PROGRAM: If drill or deepen direction ny.	toot the	Calling to ON ST	ning back.	NO. U. S. GEO	2 2 DECCIOAL	1973 SURVEY	ed new productive
	Original Signed by ARMAI BOS APPL		TITLE	Area	Engineer		DATE OCT	ober 31, 197
	eral or State office use)							
PERMIT NO.				APPROVAL	DATE	-		

TITLE .

__ DATE ___

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES (Other instruc

		OF THE INTER GICAL SURVEY	RIOR	5. LEASE DESIGNATION AND SERIAL NO. 1-89-110-58
A PPI ICATION			N, OR PLUG BA	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
la. TYPE OF WORK	TOR TERRITOR	O DRIEL, DELIT	EN, ON LEGG DA	Seafle Trreer
	LL 🗵	DEEPEN	PLUG BACK	7. UNIT AGREEMENT NAME
OIL GA	AS OTHER		NGLE MULTIPLE ZONE	C. PARIA OR DEADS MARIN
2. NAME OF OPERATOR				USC Section 18
AMOCO PI 3. ADDRESS OF OPERATOR	RODUCTION COMPAN	¥¥		9. WELL NO.
	port Drive, Far	sinotan. Nas Ma	rico 27401	10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (Re	eport location clearly and	in accordance with any S	state requirements.*)	Bogback Dakota
At surface	' FSL & 2383' F			11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zon				SE/4 Section 18,
	Same			T-29-N, R-16-V
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POST OFFICE	*	12. COUNTY OR PARISH 13. STATE
9 miles	southeast of S	piprock, New Me	rico	San Juan New Haxle
15. DISTANCE FROM PROPO LOCATION TO NEAREST	osed*	16. No). OF ACRES IN LEASE	17. NO, OF ACRES ASSIGNED TO THIS WELL
PROPERTY OR LEASE I. (Also to nearest drig		2383'	4160	40 (jeint)
18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	İ	COPOSED DEPTH	20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (Show who		160'		22. APPROX. DATE WORK WILL START*
5038' R	D.M.			November 1973
23.		PROPOSED CASING ANI	CEMENTING PROGRAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	THE OF CASING	176	60'	35 ex (circ ent)
8-3/4" 6-1/4"	4-1/2"	9.54	691'	125 ex (circ ent)
IN ABOVE SPACE DESCRIBION. If proposal is to	iner at 550', and 220-225' and	test the Gallup	NOV 2 U. S. GEOLOGICAL FAMOUR BACK, give data on pre	below retainer, perferete 1973 SURVEY sent productive zone and proposed new productive measured and true vertical depths. Give blowout
preventer program, if an 24.				
	hightel Signed by AAHOLD SMEL <mark>L</mark>	TITLE	Area Engineer	DATE October 31, 197
(This space for Fede	eral or State office use)			
PERMIT NO.		<u></u>	APPROVAL DATE	
APPROVED BY	VAL, IF ANY:	TITLE		DATE

16.	Check Appropriate Box To Indicate Nature of Notice, Report, o	SEQUENT REPORT OF:	
	5038° RDB	Other Deter	New Mexic
14. PERMIT NO	_	12. COUNTY OR PARISE	13. STATE
763		T-29-H, 1-16	-¥
1941	PSL & 2383' FEL	11. SEC., T., R., M., OR I SURVEY OR AREA SE/4 Section	
4. LOCATION O See also sp At surface	F WELL (Report location clearly and in accordance with any State requirements.* pace 17 below.)		nd Gallup
	irport Drive, Fernington, New Mexico 87401	10. FIELD AND POOL, O	R WILDCAT
3. ADDRESS O		9. WELL NO.	
2. NAME OF C	PRODUCTION COMPANY	USG Section	
OIL WELL	GAS OTHER	7. UNIT AGREEMENT NA 8. FARM OR LEASE NAM	
(Do no	SUNDRY NOTICES AND REPORTS ON WELLS t use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTE	Fribal
(124,) 2000/	DEPARTMENT OF THE INTERIOR (Other Instructions on GEOLOGICAL SURVEY	5. LEASE DESIGNATION	9-58
Form 9-331 (May 1963)	UNITED STATES SUBMIT IN TRIPLICATION ON COLOR OF THE PROPERTY	Budget Bures	u No. 42-R1424.

(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.)*

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

TEST WATER SHUT-OFF

FRACTURE TREAT

REPAIR WELL

SHOOT OR ACIDIZE

WATER SHUT-OFF

(Other)

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

Plug Back

Moved in a service unit on November 26, 1973 and pulled rods and pump. Set a 4-1/2" coment retainer at 553' and coment squeezed below retainer with 35 sacks Class "A" Heat coment at 3 MPH and 400 psi. Maximum pressure 500 and final pressure 150 psi. Reversed out 1/2 barrel coment. Perforated Gallup intervals 194-210' and 220-225' with 4 SPF. The 2-3/8" production tubing landed at 212'. Alternately shutting in and swabbing well with no fluid recovery.



RECEIVED

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

NOV 3 0 1973

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

18. I hereby certify that the foregoing is true and correct SIGNED J. ARRICLD SHALL	TITLE _	Ares Engineer	DATE Hovenber 29, 197
(This space for Federal or State office use)			
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE _		DATE

Form	9-331
(Мау	1963)

J	DEPARTMENT OF THE INTE GEOLOGICAL SURVEY		5. LEASE DESIGNATION .	AND SERIAL NO.
(T) Abia da	RY NOTICES AND REPORTS rm for proposals to drill or to deepen or pl Jse "APPLICATION FOR PERMIT—" for su	ug back to a different reservoir.	6. IF INDIAN, ALLOTTEE	_
OIL GAS WELL	OTHER		7. UNIT AGREEMENT NA	ME
2. NAME OF OPERATOR	PION COMPANY		8. FARM OR LEASE NAM	i.s
3. ADDRESS OF OPERATOR	Brive, Farmington, New Men	ilee 87401	9. WELL NO.	
4. LOCATION OF WELL (Rep See also space 17 below At surface	port location clearly and in accordance with	any State requirements.*	10. FIELD AND POO	THE DE
185' PSL 4	2383' YKL		11. SEC., T., E., M., OR B SURVEY OR ARMA SE/4 Section 1-29-2, R-16-	18, V
14. PERMIT NO.	15. ELEVATIONS (Show whether	er DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR O	MULTIPLE COMPLETE ABANDON* CHANGE PLANS	Completion or Recomp	ALTERING VALUE ABANDONMENT ABA	on Well
proposed work. If nent to this work.) *	ilure of the subject well we propose to chanden the	to protoco convertial q	ar ucpus for an markets	

18. I hereby certify that the foregoing is true and correct Unicipal Signed by SIGNED J. ARLOTTE STORY	TITLE	Area Rugineer	DATE .	April 2, 1	1974
(This space for Federal or State office use)					
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE _		DATE .		

SUBMIT IN DUPLICATE*

Form approved.

DATE May 8, 1974

			עבוו				_	(See of	her in-	F	Budget	Bureau No. 42-R355.5.
	DEPAR	TMEN GEOL				rerio	R		ons on	5. LEASE DE		ION AND SERIAL NO.
WELL CO	MPLETION	I OR I	RECON	APLET	ION F	REPORT	AN	D LOG	*	I	, ALLO	TTEE OR TRIBE NAME
1a. TYPE OF WEL	L: OI	I,	GAS WELL] p	RY 🗶	Other	usama garawang b Usa di			7. UNIT 4GB		
b. TYPE OF COMP	PLETION: WORK DE	EP-	PLUG [г. ГЭЭЭ	Other		III V E	au }	S. FARM OR	LEASE	NAME
WELL	OVER L E	·	BACK L		V R. L	Other	AAY .	t o 19 7	4	USC Sec	tie	18
	PRODUCTIO	ON COM	PANT							9. WELL NO.		
3. ADDRESS OF OPER						U. S.	GEOLO	GICAL SU	JRVEY		32	
501 A	irport Dr	ive, T	galara	ton, i	iov He	mice FA	17401	TON, N.	M	10. FIELD AN	D POO	L, OR WILDCAT
4. LOCATION OF WEI	L (Report local	tion clearly	and in a	ccordance	with an	y State requ	irement	(8) *		Under ign		
At surface	85' YEL 4	2383	PEL							11. SEC., T., OR AREA		OR BLOCK AND SURVEY
At top prod. into	erval reported b	oelow S	1004							outs ex		jection 18,
	.									T-29-H	•	
At total depth	3			1 14 DE	RMIT NO.		DATE	ISSUED		12. COUNTY		13. STATE
				14. FE	KMII NO.			185022		PARISH See Ju-		Yes Maxi
15. DATE SPUDDED	16. DATE T.D.	REACHED	17. DATE	COMPL.	(Ready to	o prod.) -	18 ELEV	ATIONS (DE	r. RKB. I	RT, GR, ETC.)*		ELEV. CASINGHEAD
12-23-69	12-29-			4-6-7				PDB.				-
20. TOTAL DEPTH, MD		LUG, BACK 1	l		. IF MUL	TIPLE COMP		23. INTE	RVALS	ROTARY TOO	Ls	CABLE TOOLS
693'		553	•		HOW M	ANY* 2		DRILL	LED BY	0-TD		-
24. PRODUCING INTER	RVAL(S), OF THI			, воттом,	NAME (1	MD AND TVD)*	<u> </u>	<u></u>		2	5. WAS DIRECTIONAL SURVEY MADE
692-1/2-6	93° Daket	a PIA	11-28-	-73 (d	ry)							
Gallup -	dry bele											No
26. TYPE ELECTRIC	AND OTHER LOGS	RUN									27. ₹	VAS WELL CORED
Game Ray	-lieut ren											No.
2 8.						ort all strir	igs set i		ENTING	DECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LE	-	60° I		_	3/4"			SX			Hone
7"	174		691	EDB Pro		3/4 1/4"	-			(cire en	£)	Hone
4-1/2"	7.	5#	971 :			4/7				1		
			. , .		-		-					
29.		LINER	RECORD			· · · · · · · · · · · · · · · · · · ·		30.		TUBING REC	ORD	<u> </u>
SIZE	TOP (MD)	воттоз	M (MD)	SACKS C	EMENT*	SCREEN	(MD)	SIZE		DEPTH SET (M	(D)	PACKER SET (MD)
								-		•		
31. PERFORATION RE	CORD (Interval,	size and 1	iumber)			82.	AC	ID, SHOT,	FRACI	URE, CEMEN	T SQU	JEEZE, ETC.
						DEPTH	INTERVA	L (MD)	AM	OUNT AND KI	- 2 -	MATERIAL USED
194-210	A SPE	(Gelle	.)			553-0	93'			2440204	W/3	5 ex Class "
220-225') ~ 55- '	,				100	1201		Neat		-76	0 bbls. leas
						174-2	mei				#/3	A AATS: Yess
33.*					PRG	DUCTION			011.			
DATE FIRST PRODUCT	CION PRO	DUCTION 1	METHOD (Flowing,			利	Awa	ip)			B (Producing or
		De	ry Hol	•		10	511	AED.	\	811	ut-in)	Abandoned
DATE OF TEST	HOURS TESTE		OKE SIZE	PROD	'N. FOR	OIL—BBI	1	GAS-MC	F.	WATER-BB	L.	GAS-OIL RATIO
				TEST	PERIOD	1	4	3 1974	1			
FLOW. TUBING PRESS.	CASING PRESS		CULATED HOUR RAT	OIL-	-BBL.	開開	-MCT.		W TER-	BBL.	OIL	GRAVITY-API (CORR.)
							000	COM				
34. DISPOSITION OF	GAS (Sold, used	for fuel, ve	nted, etc.))		OFF	DIS	r. 3 /	_	TEST WITNE	SSED :	вұ
							D10			1		
35. LIST OF ATTACH	MENTS											
36. I hereby certify	that the farm	oing and	ttached (nformatio	n is com	nlete and or	preet o	s determine	ed from	all available	record	<u> </u>
oo, I hereby certify	mar the lotes	igned by	таспец 1	TTOLING IIC	AL THE COIN	prese and C	ALCUL A	- Acterimine	- 11UM	an available		-

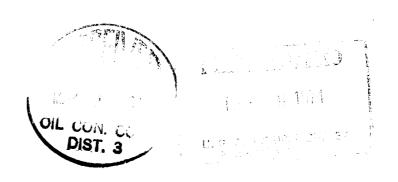
TITLE

G. L. HAMILTON

SIGNED _

Form 9-331 (May 1963)	UNITED STAT DEPARTMENT OF THE GEOLOGICAL SI	E INTERIOR (Other Instructions on verse side)	5. LEASE DESIGNATION	reau No. 42-R1424. ON AND SERIAL NO.
(Do not use	UNDRY NOTICES AND RE this form for proposals to drill or to dee Use "APPLICATION FOR PERMIT-	PORTS ON WELLS ppen or plug back to a different reservoir. " for such proposals.)		Tribal
OIL GAS WELL WE			7. UNIT AGREEMENT	NAME
2. NAME OF OPERATO			8. FARM OR LEASE 1	AME
AMOC			******	tion 18
3. ADDRESS OF OPER	ATOR		9. WELL NO.	
501	Airport Drive, Parmington	n, New Mexico #7401	32	
	L (Report location clearly and in accorda-	nce with any State requirements.	10. FIELD AND POOL	OR WILDCAT
See also space 17 At surface	below.)		Undenimate	ed Salius
			11. SEC., T., R., M., O	R BLK. AND
145' PEL	& 2383' FEL, Section 18,	. Turbus Buldus	SURVEY OR AS	etion 18.
		,		redamen am 1 Cata
14. PERMIT NO.	15 RIEVATIONS (Sh	ow whether DF, RT, GR, etc.)	12. COUNTY OF PARI	SH 13. STATE
11. I BRAIL NO.				
	5034' (L, 3038' RDB	San Juan	NAM MERTO
16.	Check Appropriate Box To	Indicate Nature of Notice, Report, o	r Other Data	
	NOTICE OF INTENTION TO:		SEQUENT REPORT OF:	
	MOTION 15.		SEQUENT NATURE OF .	
TEST WATER SH	UT-OFF PULL OR ALTER CASING	G WATER SHUT-OFF	REPAIRING	G WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING	CASING
SHOOT OR ACIDIZ	E ABANDON*	SHOOTING OR ACIDIZING	ABANDON	MENT*
REPAIR WELL	CHANGE PLANS	(Other)	······································	
(Other)	Consequent of the Consequence of		ults of multiple completion mpletion Report and Log	
	. If well is directionally drilled, give su	te all pertinent details, and give pertinent da absurface locations and measured and true ver	tes, including estimated of	late of starting any
	iling to find commercial as plugged and abandoned	quantities of oil or gas, on April 6, 1974, so follo	the USG Section	18

4. Glacaci up well location for inspection.



18. I hereby certify that the foregoing is true and correct SIGNED G. L. HAMILTON	TITLE	Area Adm. Super.	DATE	May 7, 1974
(This space for Federal or State office use)	77.27.27.2		·	
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		_ DATE	