		The annual regard ( regard )		
Fe **-331 (May 1963)	UNI.LD STATES DEPARTMENT OF THE INTE		5. LEASE DESIGNATION 14-20-603-21	an No. 42-R142 And Serial Lo. 199
	ORY NOTICES AND REPORTS  orm for proposals to drill or to deepen or pl  use "Application For PERMIT—" for su		6. 16 INDIAN, ALLOTTES Navajo	E OR TRIBE NAME
1. OIL C GAS	7		7. UNIT AGREEMENT NA Northwest Ch	
WELL WELL L	_ OTHER		S. FARM OR LEASE NAM	
	11 & Refining Company		NW Cha Cha U	
3. ADDRESS OF OPERATOR	il Chelling company		9. WELL NO.	
P. C. Box	k 120, Denver, Colorado		24-22	
4. LOCATION OF WELL (Re- See also space 17 below At surface	port location clearly and in accordance with		Cha Cha Gall  11. SEC., T., R., M., OR E SURVEY OR AREA  Sec 22-29N-14	Lup
14. PERMIT NO.	15, ELEVATIONS (Show whether	er DF. RT. GR. etc.)	12. COUNTY OR PARISH	d 13. Spare
II. Luidille No.	5664' KB	,,,	San Juan	New Nexi
16.	Check Appropriate Box To Indicat	• • •	Other Data	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	REPAIRING V ALTERING CA ABANDONMEN of multiple completion	ASING XX
(Other)  17. DESCRIBE PROPOSED OR Coproposed work. If years to this work.)	TOMPLETED OPERATIONS (Clearly state all pert wed is directionally drilled, give subsurface	Completion or Recompleinent details, and give pertinent dates,	ction Report and Leg for including estimated dat	rm.) e of stacting an
12-10-71 - Tul 27: 5q: 12-11-71 - Ser Ini	and pump 40 sack cement poing stuck at 5000%, shot to 50-2650%, 15 sack cement powered 12 sack cement in 50 to regulation dry hole marketervals between plugs filler ation cleaned ready for instantion cleaned ready for instantion cleaned ready for instantial process.	tbg off at 4620', spot 1 lug 950-1050',12 sack ce ½ x 8-5/8" annulus. er in top of casing. ed with mixed mud.	15 sack cement	plug
cc: 2- NM 0&	G Commission			

1 - Minerals Supervisor - Navajo Tribe

1 - Midland

1 - Clinton

TUDCET /ED

FER 1/1 1972

Jt. Operations

is. I hereby certify that the foregoing is true and o	correct					
SIGNED	TITLE !	Dist.	Superintendent	_ DATE	2.9-72	
(This space for Pederal or State office use)					Per de sale videbile delle escale i sillificate et a comme e a commence en une g	
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE _		*	_ DATE		

Form 9-331	U TED STA	TES	SUBMIT IN TR CA	ATE• Form	approved.
(May 1963) DEPA	RTMENT OF TH	E INTERIO	R (Other instructi on verse side)	re- Bligg	et Burcau No. 42-R1424. GNATION AND SERIAL NO.
	GEOLOGICAL	SURVEY		14-20-6	
	IOTICES AND R			6. IF INDIAN,	ALLOTTEE OR TRIBE NAME
(Do not use this form for Use "AP	proposals to drill or to d PLICATION FOR PERMI	eepen or plug bac T—" for such prop	ck to a different reservoir.	Navajo	
OIL GAS GAS WELL OTH				7. UNIT AGREE	MENT NAME st Cha Cha
WELL X WELL OTH  2. NAME OF OPERATOR	i GR			8. FARM OR LE	
Humble Oil & F	Refining Compan	у		Northwe	st Cha Cha Unit
3. ADDRESS OF OPERATOR				9. WELL NO.	
P. O. Box 120, 4. LOCATION OF WELL (Report local	Denver, Color	ado 80201	ate requirements •	24-22	POOL, OR WILDCAT
See also space 17 below.) At surface	tion cicarry and in accord	ance with any lov	sate requirements.	Cha Cha	•
	& 1980' FWL)	of Section	22	11. SEC., T., R.	M., OR BLK. AND
	· · · · · · · · · · · · · · · · · · ·				OR AREA 9N-14W NMPM
				-	
14. PERMIT NO.	15. ELEVATIONS (S	Show whether DF, R	T, GR, etc.)	12. COUNTY OF	
					New Hexico
16. Checl	k Appropriate Box T	o Indicate Na	ture of Notice, Report,	or Other Data	
NOTICE OF	INTENTION TO:		<b>8</b> 01	BSEQUENT REPORT OF	
TEST WATER SHUT-OFF	PULL OR ALTER CASI	NO	WATER SHUT-OFF	REP	AIRING WELL
FRACTUBE TREAT	MULTIPLE COMPLETE		FRACTURE TREATMENT	<del></del>	ERING CASING
SHOOT OR ACIDIZE	ABANDON* CHANGE PLANS	XX	SHOOTING OR ACIDIZING (Other)	ABA	NDONMENT*
(Other)	CHANGE FLAMS		(Note: Report re	esults of multiple com completion Report and	pletion on Well
17. DESCRIBE PROPOSED OR COMPLETE proposed work. If well is d nent to this work.)*	D OPERATIONS (Clearly stirectionally drilled, give	ate all pertinent subsurface location			
//Well is an uneconomic 6-13-68 4 BOPD & 218 E w/110 sxs cement circusxs cement, TOC 4050* Perforated 5229-5237* We propose to plug and 15 sxs cement 2650-275 12 sxs cement 0-30*, Sintervals between plug in top of production of	SWPD. TD 5395' ilated to surfacalc. Squeeze w/6 shots per ilabandon as fo inside 5½" iqueeze 10 sxs igs to be filled	, PBTD 534 ce. 5½" 1 d csg leak ft. llows: Sp csg, 15 sx cement in with mixe	7'. 8-5/8" csg s 4# csg set in 7-7 at 2600' w/400 s ot 40 sxs cement s cement 950-1050 annulus between 5 d mud. Place reg	set in 11" ho 7/8" hole @ 5 exs cement, T 5347-5100' i 5' inside 5'2" 5'2" and 8-5/8	le at 192' 391' w/210 0C 400' Calc.  nside 5½" csg, csg, " casing.
cc: 2 - NM O&G Commiss 1 - Minerals Super		Tribe			
1 - Midland	gisor - Mavajo	11106			
•					
	•	· ·			
				·	
40 V					
18. I hereby certify that the forego	ing is true and correct	TITLE Dis	t. Chief Engineer	DATE _	10-4-71
(This space for Federal or Stat	e office use)				
,,,,,,,, v. Nowe	<del></del> ,				

DATE .

TITLE \_

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

Form 9-331 (May 1963)	UN D ST		SUBMIT IN TRIPL Other instructions	re Bu	rm approved. dget Bureau N	
Į.	DEPARTMENT OF T GEOLOGICAL		K verse side)	l _	signation and -603-2139	
					, ALLOTTEE OR	
	RY NOTICES AND   m for proposals to drill or to se "APPLICATION FOR PERM			Bavaje	*	
1.				7. UNIT AGE	BEMENT NAME	1 7
WELL GAS WELL	OTRER				Che Che	arit:
2. NAME OF OPERATOR	At-to- Common				LEASE NAME	
3. ADDRESS OF OPERATOR	TIDING COMPANY			9. WELL NO.	A 2 A	<b>UB18</b>
P. O. Box 120.	Denver, Coloredo 8	0201	•	24-22		# <del>  13</del>
4. LOCATION OF WELL (Repo See also space 17 below.	ort location clearly and in accor	rdance with any St	ate requirements.*	10. FIELD-A	ND POOL, OR WI	ILDCAT
At surface	_				2., M., OR BLK.	
en en (660, let	& 1980' FWL) of Se	ction 22.		SURVI	Y OR AREA	3
				Sec. 2	22-298-14	M - BAPN
14. PERMIT NO.	15. ELEVATIONS	(Show whether DF, RT	r, GR, etc.)	12. COUNTY	OR PARISH 18	B. STATE
	5664° KB	<u> </u>		Sen Ji	Max. I	lev Hexic
16.	Check Appropriate Box	To Indicate Nat	ture of Notice, Report, o	or Other Data	발표 15 발표 15 발표 15	
NOT	ICE OF INTENTION TO:	ı	• • •	SEQUENT REPORT O		<b>基系形式</b>
SECOND WASSE STUDY	PULL OR ALTER CAS	- IVO	WATER SHUT-OFF		PPAIRING WELL	
TEST WATER SHUT-OFF FRACTURE TREAT	MULTIPLE COMPLET	<u> </u>	FRACTURE TREATMENT	( <del></del>	LTERING CASIN	
SHOOT OR ACIDIZE	ABANDON*		SHOOTING OR ACIDIZING		BANDONMENT*	
REPAIR WELL	CHANGE PLANS		(Other) Repair C			XX
(Other)			(Note: Report res Completion or Reco	ompletion Report a	ind Log form.)	Well
water behind casing, displ	ng at 3200' and du casing to clean ho aced with water.	le. Squeez Maximum pre	ed with 400 sacks	50-50 Post	rix, 25 g	el down
18. I hereby certify that the SIGNED COPY (Original Signet)	foregoing is true and correct ) J. ROY DORROUGH		t. Supt.	DATE	8-1-69	
(This space for Federal	or State office use)					<del></del>
		MITTER TO		1		
APPROVED BY CONDITIONS OF APPR	OVAL, IF ANY:	TITLE		DATE		
	•				· •	÷

## VITED STATES SUBMIT IN LICATE.

Form approved. Budget Bureau No. 42-R1424.

DEPA	RTMENT OF THE INTERIOR Verse side)  GEOLOGICAL SURVEY	5. LEASE DESIGNATION AND SERIAL NO.
	14-20-603-2199 6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
	NOTICES AND REPORTS ON WELLS proposals to drill or to deepen or plug back to a different prication for PERMIT—" for such proposals.)	
OIL GAS WELL OTE	TER	7. UNIT AGREEMENT NAME N. W. Cha Cha Unit
2. NAME OF OPERATOR		8. FARM OR LEASE NAME N. W. Cha Cha Unit
Humble Oil & Refining 3. ADDRESS OF OPERATOR	Company	9. WELL NO.
P. O. Box 120, Denve:	r, Colorado 80201	24-22 - 👯
4. LOCATION OF WELL (Report loca See also space 17 below.) At surface	tion clearly and in accordance with any State requirements.	Cha Cha Gallup  11. SEC., T., R., M., OR BLK. AND
sw sw (660' FSL & 19	980' FWL) of Section 22	Sec. 22-29N-14W - NMPM
14, PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5664 KB	12. COUNTY OR PARISH 13. STATE  Ban Juan New Mexico
	k Appropriate Box To Indicate Nature of Notice	
<del></del> 1	INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF FRACTURE TREAT	PULL OR ALTER CASING WATER SHU- MULTIPLE COMPLETE FRACTURE T	
SHOOT OR ACIDIZE	ABANDON* SHOOTING O	
REPAIR WELL	CHANGE PLANS (Other)	: Report results of multiple completion on Well
(Other)	Compl	etion or Recompletion Report and Log form.)
proposed work. If well is onent to this work.) *	ED OPERATIONS (Clearly state all pertinent details, and give lirectionally drilled, give subsurface locations and measured	pertinent dates, including estimated date of starting an and true vertical depths for all markers and zones pert
Repair leak in Wall	casing at approximately 2600' as fo	llove:
-		
sand. Establish cir 400 sacks 50-50 Pozz drill out cement, pr	retrievable bridge plug 200-300' b rculation through the leak with fre mix with 2% gel using water for dis ressure test casing to 800 psi. Re	sh water. Squeeze with placement. WOC 24 hours,
out and return to p	roduction status.	
		사람들은 사람들이 되었다. 그 사람들은 사람들이 되었다. 
Note: Casing failum Commission.	re report has been submitted to the	New Mexico Oil Conservation
		RECEIVED
		FEB 1 9 1968
		U. S. GEOLOGICAL SURVEY
		THE RESERVE THE PROPERTY OF TH
18. I hereby certify that the forest	oing is true and correct	
SIGNED J. Roy Borrow	TITLE Dist. Supt.	DATE 2-14-68
(This space for Pederal or State	e office úse)	

FEB 19 1968

\*See Instructions on Reverse Side

Budget Bureau No. 42-R359.4. Approval expires 12-31-00.	
(SUBMIT IN TRIPLICATE) Indian Agency  Indian Agency  Mavajo Tribal  UNITED STATES	
DEPARTMENT OF THE INTERIOR  GEOLOGICAL SURVEY.  GEOLOGICAL SURVEY.  Lan. No. 11-20-603-2199	
SUNDRY NOTICES AND REPORTS ON WELLS	
NOTICE OF INTENTION TO DRILL  SUBSEQUENT REPORT OF WATER SHUT-OFF  SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING  SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF  NOTICE OF INTENTION TO REDRILL OR REPAIR WELL  NOTICE OF INTENTION TO SHOOT OR ACIDIZE  NOTICE OF INTENTION TO SHOOT OR ACIDIZE  SUBSEQUENT REPORT OF REDRILLING OR REPAIR  SUBSEQUENT REPORT OF ABANDONMENT  SUBSEQUENT REPORT OF ABANDONMENT  SUBSEQUENT REPORT OF ABANDONMENT  SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING  NOTICE OF INTENTION TO ABANDON WELL  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)	
Mivale Telbal RES	
Well No is located 666 ft. from S line and 1980 ft. from W line of sec	
Trocesions to Galling San Yuan (Country or Bubdivision 1 (Biate or Territory)	
The elevation of the derrick floor above sea level is SEA - it LUB.  DETAILS OF WORK	
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, coments in proposed work)  Ping back depth 5317 Hoved in completion inly \$1,266. Rep tubing and disputed with oil. Species 500 gallens his nat bettoms. Tested casing with 3000 p	The second secon
the said bele with he indicated at bressure around around a said and the said and t	
Presence presents like party and the like the present 200 par increasing to present on clust grange injection to 1 harvest per minutes; landed 2 halfs at 5223 to female test out 12 look as closely of all its indestignated while at 5223 to female test out 12 look as closely of all the indestignated at the felds Pouggials test out 12 look closed by barrels of per day; all its ries pouggials test out 2 look closed by barrels of per 16/64% choke public pressure county.	
understand that this plan of work must recover approval in writing by the Geological Survey before operations may be commenced,	
Company Pan American Petroleum Corperation  Address P. C. Box 486  ORIGINAL SIGNED BY	
R. M. Bauer, Jr.  Attention L. O. Speer, Jr.  Title Area Engineer	
g. s. covernment relating corrict. 16—84577-4	

	For (A	n 9-8 pril 19	381 <b>b</b> 52)	
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	5 J. H.		, 192 1, 192	
I		25	100	

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3		3	4.24	IN TR ED S	(69 <u>,</u> 5)	S & 2 & 5		Indian _Nav	jo Trib	3 3 5 1 Sec. 15	
	DEP	5- VAC -	والأرادل والمستراج	OF SICAL	. ( *)	* * Book	23. 5 . 6	Allotte	20-6-يال	0 <b>3-21</b> 9	
										次。	*

SUNDRY NOTICES	AND REPORTS ON WELLS
<b>,我是是我们的一个人,我们就是这个人的。</b>	CHE TO THE PROPERTY OF THE PRO
NOTICE OF INTENTION TO DRILE	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF REDRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
· · · · · · · · · · · · · · · · · · ·	A LANGUAGE CONTRACTOR OF THE SECTION
(INDICATE ABOVE BY CHECK MAI	RK NATURE OF REPORT, NOTICE, OR OTHER DATA)
Navajo Tribal "E"	Farmington, New Mexico July 18, 1960
Vell No. 1 is located 660 ft f	from S line and 1980 ft. from W line of sec. 22
Sex San Service Management of	
SE/L SW/L of Section 22 T-298 (14 Sec. and Sec. No.) (Twp.)	R-LLW H.M.P.M.
(14 Sec. and Sec. No.)	(Range) (Meridian)
Undesignated Galling San Jus (Fleid), (Coun	
(Field) (Coun	aty or Subdivision) (State or Territory)
	1-1: r/4) 4 /pm)
he elevation of the derrick floor above sea	level is
DFT	AILS OF WORK
对抗对对对这个个。 <del>我们是不是一种种类似的是一种类似的人。</del>	sizes, weights, and lengths of proposed casings (indicate mudding jobs, comens-
ing points, and a	ll other important proposed work)
Matal danah 57051 Pen alastria	Log at 5380° and drilled to 5395°. Set 5-1/2
TOTAL DEPTH 3373 a name alocular	haven't sement containing 1-1/2 nounds that
dasing at 5371 with its access of	percent coment containing 1-1/2 pounds tuf
thurselant of Tasted Assing with it	000 psi for 15 minutes which held with ne
indication of pressure drop. Rele	Age of the July A 1060
I understand that this plan of work must receive approval	in writing by the Geological Survey before operations may be commenced.
ompany Pan American Petroleum Co	orporation
ddraw a bar law	ORIGINAL SIGNED BY
Address P. C. Ber. 480	R. M. Bauer, Jr.
Parmington New Mexico	By
AND AND THE PARTY OF THE PARTY	The state of the s
Attat L. O. Speer.	Title Area Engineer
Market & Comment of the Comment of t	- Company of the second of the

一分的意思Well mid 1000	Budget Bureau No. 42-R359.4
Form 9-331 b F16	Approval expires 12-31-60.
(SUBMIT IN	TRIPLICATE) Indian Agency
UNITE	STATES No Neva Jo Tribel
DEPARTMENT C	OF THE INTERIOR Allottee
	CAL SURVEY Lam No. 11-20-603-2199
SIINDRY NOTICES AN	D REPORTS ON WELLS
BONDA! NOTICES AN	D REPURIS ON WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUENT DEPOSIT OF WATER SIZE OF THE STATE OF THE STAT
NOTICE OF INTENTION TO CHANGE PLANS.	SUBSEQUENT REPORT OF WATER SHUT-OFF SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
(INDICATE ABOVE BY CHECK MADE NAT	INFO OF PROPER MOTION OF THE PROPERTY OF THE P
	URE OF REPORT, NOTICE, OR OTHER DATA)
Navajo Tribal "E"	armington, New Maries June 24, 1960
	The second of th
Well No. 1 is located 660 ft. from	Mine and load 6
	S   mic and Ayes 1t. from   W   line or sec:
SR/A SW/A of Section 22 T-29-W R-1/4 (M See and Sec No.) (Twp.) (B)	-W N.M.P.M.
Undesignated Gallup Sen Juan (Pield) (County or Su	
The elevation of the derrick floor above sea level	is 5664_ft. (RDB) 1
DETAILS	OF WORK
[인터 프랑크 프랑크 - 100 HTM]	
Fried to the state of the state	sights, and lengths of proposed casings; indicate mudding jobs, coment- important proposed work)
pudded 11" hole on June 21, 1960 and dr	illed to 193 4 8-5/8" casing was set at
92 with 110 sacks of coment with 2 per	cont calcium chloride. Circulated 15 sacks
ndication of pressure drop. Reduced ho	ted casing with 400 psi which held with no
I understand that this plan of work must receive approval in writi	ng by the Geological Survey before operations was to
	the way of the second of the s
Company Pan American Petroleum Corpor	ALLOR CONTRACTOR OF THE PROPERTY OF THE PROPER
Address P. O. Box 480	
	ORIGINAL SIGNED BY  R. M. Bauer, Jr.

O. Speer,

	Budget Bureau No. 42–R359.4. Approval expires 12-31–60.
ndian /	gency
Nav	ajo Tribal
llottee	***************************************
onso N	.14-20-603-2199

## Form 9-331 b (April 1952)

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

TE TO THE TENT OF		
SUNDRY NOTICES	AN	D REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL	I	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING.		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		
	<u></u>	
(Indicate above by Check M	IARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)
날까게 살린 이를 보고 있다.		
Navajo Tribal "E"	Fa	irmington, New Mexico June 20 , 1%0
44.	. 🦠	
Well No. 1 is located 660 ft.	from	S line and 1980 ft. from W line of sec. 22
10	ς΄΄,	(S) (W) (W)
SE/4 SW/4 of Section 22 T-20-N	R-	JA-W N.M.P.M.
(% Sec. and Sec. No.) (Twp.)	(R	ange) (Meridian)
	1 Juan	
(Field) (Con	unty or S	nbdivision) (State or Territory)
	. 11	
he elevation of the derrick noor above sea	a level	isft. (To be reported later)
DE	TAII C	OF WORK
State names of and expected depths to objective sands; sho ing points, and	i all other	veights, and lengths of proposed casings; indicate mudding jobe, cement- r important proposed work)
We propose to drill the above wel	1 to	approximately 5500! to test and develop
productive Gallup sones. Stimula	tion	will be as indicated upon penetration of
Gallup pay. Rotary tools will be	used	to total depth. Casing program as follows
SIZE DEPTH CEMENT	REN	ARKS
8-5/6" 2001 200 sack	s Nee	it - circulate
5-1/2# 5500 200 sack	<b>cs</b> 6 p	percent gel cement with 100 sacks neat on bo
a grand the same of the same o	esper .	and you have a first the first the first of
Copies of location plats attached	l. A	copy of any survey taken will be submitted
upon completion of well.		
	3. K.	
	21.	
I understand that this plan of work must receive approv	ral in wri	ting by the Geological Survey before operations may be commenced.
ompany Pan American Petroleum Co	roora	tion
Address_Box 480		Original signed by
	1.2	R. M. Bauer, Jr.
Fermington, New Mexico	<u> </u>	Ву
Attn: L. O. Speer, Jr.	-	Title Area Engineer

## WELLBORE DIAGRAM

	K.B.ELEV.: <u>5664</u> K.B.CORRECTION: <u>12</u> C.L.ELEV.: <u>5652</u>
	C>1234
HOLE SIZE:	
	SET AT 192 ' CENENT WITH 110 SX Top of Cement at CCC '
D.V. tool @   26  Cement withsx	50 715 5x 50 715 5x 50 715 5x not Usg + 160 4600
**TOP PERF: 5229.  **TOP PERF: 5229.  **BOT PERF: 5237.  **BOT PERF: 5	40 34
TOTAL DEPTH 5395 ' "INDIVIDUAL PERFS:  BY SPF = HOLES	5/2" 14   GRADE  SET AT 539/ SX STGS  Top of cement at
LEASE NAME:	L: 660 F3L 1980 FWL ROYALTY INTEREST:
COMPLETION DATE: 7.15.60 CURRENT STATUS: (PMP)	(FLOW) (INJ) ( $T/\Lambda$ ) (SI) $P+U$