



United States Department of the Interior

GEOLOGICAL SURVEY P. O. Drawer U Artesia, New Mexico 88210

September 28, 1978

Stevens Oil Company P. O. Box 2203 Roswell, New Mexico 88201

221) and the following conditions:

STEVENS OIL COMPANY Federal "A" No. 1 Well 660 FSL 660 FEL Sec. 13, T3S, R30E Chaves County Lease No. NM-29225

Above Data Required on Well Sign

Gentlemen:

Your APPLICATION FOR PERMIT TO RE-ENTER the above-described well to a depth of 3,680 feet to test the San Andres formation is hereby approved subject to compliance with the OIL AND GAS OPERATING RECULATIONS (30 G2R

- 1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
- 2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and his approval including the GENERAL REQUIREMENTS.
- 3. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should indentify the well.
- All above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate sandstone brown (Federal Standard Color # 595A, color 20318 or 30318).

Sincerely yours,

(Orig. Sgd.) ALBERT R. STALL.

Albert R. Stall Acting District Engineer

					N TRIPLICAT	E* Form approved
	UNI	TEL JTATES		(Other is	structions on the side)	E• Form approved. Budget Bureau No. 42-R1425.
	DEPARTMEN	T OF THE I	NTERI	OR	ine nidej	
		DGICAL SURVE		•		5. LEASE DEMIGNATION AND SERIAL NO.
APPLICATIO	N FOR PERMIT					NM 29225
II. THEOR WORK				N, OR PLUC	5 BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
DK b. TYPE OF WELL		DEEPEN []	PLUG	BACK 🕅	7. UNIT AGREEMENT NAME
WELL LA	WELL OTHER		RING		LTIPLE []	
2. NAME OF OPERATOR			ZONI			S. FARM OR LEADE NAME
STEVENS OII 3. ADDRESS OF OPERATOR	COMPANY				· · · · · · · · · · · · · · · · · · ·	Federal "A" 9. WELL NO.
P. O. Box	2203 - Roswe	11, New Me	exico	88201		10. FIELD AND POOL, OR WILDCAT
		in accordance with	any Stat	te requirements.*)	·	Wildcat
660' FSL & At proposed prod. zon	660' FEL					11. SEC., T., R., M., OR BLK, AND SURVEY OR AREA
Same						
IS. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST	OFFICE*			Sec. 13, T-8-5, R-30-
15. DISTANCE FROM PROPU	utheast of E	lkins, New	Mexi	ico		Charren
PROPERTY OF LEAREST	F		16. NO. O	F ACRES IN LEASE	17. NO. C	DF ACRES ASSIGNED HIS WELL
(Also to Dearest drig 18. DISTANCE FROM PROP	OFFR TOGATIONS			L20		40
TO NEAREST WELL, DI OR APPLIED FOR, ON THI				SED DEPTH	20. ROTAL	RY OB CABLE TOOLS
21. ELEVATIONS (Show whe	ther DF, RT, GR, etc.)	I	36	580'	Rot	tary
<u>3954' GR (c</u>	corrected)					22. APPROX. DATE WORK WILL START*
23.	ACTUAL AND P	ROPOSED CASING	AND CI	EMENTING PROC	PAN Est	Sept. 29, 1978
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO				
u <u>al 12-1/4"</u>	8-5/8"	23#	·	SETTING DEPTH		NOV 1978 QUANTATT OF COMENT
2000d 7 7 /0H		<u>LUT</u>				
posed 7-7/8"	<u> 4-1/2" </u>	9.5#		<u> </u>	200	
· · · · · · · · · · · · · · · · · · ·				3680'	200	sx. 2
· · · · · · · · · · · · · · · · · · ·			Luviu an No g mud	3680'	200	sx. 202
Surface format Propose to re- on 10-5-65, dr 625-1725', 34	enter Jack L Cill cement p 5-400' and 0	tocene All . McClella lugs using -20'.	Luviu an No g mud	3680' m on Bols ////////////////////////////////////	on depo -Federa hole @	sits. , P&A @ 3680' 3450-80',
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is ompletion by	enter Jack L cill cement p 5-400' and 0 successful perforating	tocene All . McClella lugs using -20'.	1 / 0 /	3680' m on Bols . 1 Smith left in	on depo -Federa hole @	sits J. P&A @ 3680' 3450-80',
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is ompletion by	enter Jack L cill cement p 5-400' and 0 successful perforating	tocene All . McClella lugs using -20'.	1 / 0 /	3680' m on Bols . 1 Smith left in	on depo -Federa hole @	sits. , P&A @ 3680' 3450-80',
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is ompletion by	enter Jack L cill cement p 5-400' and 0 successful perforating	tocene All . McClella lugs using -20'.	1 / 0 /	3680' m on Bols . 1 Smith left in	on depo -Federa hole @	sits J. P&A @ 3680' 3450-80',
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is ompletion by	enter Jack L cill cement p 5-400' and 0 successful perforating	tocene All . McClella lugs using -20'.	1 / 0 /	3680' m on Bols . 1 Smith left in	on depo -Federa hole @	sits J. P&A @ 3680' 3450-80',
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is	enter Jack L cill cement p 5-400' and 0 successful perforating	tocene All . McClella lugs using -20'.	1 / 0 /	3680' m on Bols . 1 Smith left in	on depo -Federa hole @	sits J. P&A @ 3680' 3450-80',
Surface format Propose to re- on 10-5-65, dr .625-1725', 34 f re-entry is completion by	cion is Pleis enter Jack L cill cement p 5-400' and 0 successful perforating	tocene All . McClella lugs using -20'.	1 / 0 /	3680' m on Bols . 1 Smith left in	on depo -Federa hole @	sits J. P&A @ 3680' 3450-80',
Surface format Propose to re- on 10-5-65, dr .625-1725', 34 f re-entry is ompletion by an Andres @ 2	tion is Pleis enter Jack L cill cement p 5-400' and 0 successful perforating 830'.	tocene All . McClella lugs using -20'. will run 4 and acidiz	-1/2' ing	3680' m on Bols . 1 Smith left in " casing from 3555	on depo -Federa hole @ to 3680 -82'.	sits. 1, P&A @ 3680' 3450-80', ' and attempt Estimate top of
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is ompletion by an Andres @ 2	tion is Pleis enter Jack L cill cement p 5-400' and 0 successful perforating 830'.	tocene All . McClella lugs using -20'. will run 4 and acidiz	-1/2' ing	3680' m on Bols . 1 Smith left in " casing from 3555	on depo -Federa hole @ to 3680 -82'.	sits. 1, P&A @ 3680' 3450-80', ' and attempt Estimate top of
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is ompletion by an Andres @ 2	tion is Pleis enter Jack L cill cement p 5-400' and 0 successful perforating 830'.	tocene All . McClella lugs using -20'. will run 4 and acidiz	-1/2' ing	3680' m on Bols . 1 Smith left in " casing from 3555	on depo -Federa hole @ to 3680 -82'.	sits. i, P&A @ 3680' 3450-80', ' and attempt Estimate top of
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is ompletion by an Andres @ 2	tion is Pleis enter Jack L cill cement p 5-400' and 0 successful perforating 830'.	tocene All . McClella lugs using -20'. will run 4 and acidiz	or plug b.	3680' m on Bols . 1 Smith left in " casing from 3555 from 3555	on depo -Federa hole @ to 3680 -82'.	sits. 1, P&A @ 3680' 3450-80', ' and attempt Estimate top of
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is completion by an Andres @ 2	cion is Pleis enter Jack L cill cement p 5-400' and 0 successful perforating 830'.	tocene All . McClella lugs using -20'. will run 4 and acidiz	or plug b.	3680' m on Bols . 1 Smith left in " casing from 3555	on depo -Federa hole @ to 3680 -82'.	sits. 1, P&A @ 3680' 3450-80', ' and attempt Estimate top of
Surface format Propose to re- on 10-5-65, dr .625-1725', 34 f re-entry is completion by an Andres @ 2	cion is Pleis enter Jack L cill cement p 5-400' and 0 successful perforating 830'.	tocene All . McClella lugs using -20'. will run 4 and acidiz	or plug b.	3680' m on Bols . 1 Smith left in " casing from 3555 from 3555	on depo -Federa hole @ to 3680 -82'.	sits. 1, P&A @ 3680' 3450-80', ' and attempt Estimate top of
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 f re-entry is completion by an Andres @ 2	cion is Pleis enter Jack L cill cement p 5-400' and 0 successful perforating 830'.	tocene All . McClella lugs using -20'. will run 4 and acidiz	or plug bits on sub	3680' m on Bols . 1 Smith left in " casing from 3555 from 3555	on depo -Federa hole @ to 3680 -82'.	sits. 1, P&A @ 3680' 3450-80', ' and attempt Estimate top of
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 if re-entry is completion by an Andres @ 2 IN ABOVE SPACE DESCRIBE P some. If proposal is to dr. preventer program, if any. Id. SIGNED (This space for Federal PERMIT NO.	cion is Pleis enter Jack L cill cement p 5-400' and 0 successful perforating 830'.	tocene All . McClella lugs using -20'. will run 4 and acidiz	or plug bits on sub	3680' m on Bols . 1 Smith left in " casing from 3555 from 3555	on depo -Federa hole @ to 3680 -82'.	sits. 1, P&A @ 3680' 3450-80', ' and attempt Estimate top of
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 if re-entry is completion by an Andres @ 2 in ABOVE SPACE DESCRIBE P some. If proposal is to dr preventer program, if any. 4. BICNED This space for Federal PERNIT NO	Cor State office use)	tocene All . McClella lugs using -20'. will run 4 and acidiz	or plug bits on sub	3680' m on Bols . 1 Smith left in " casing from 3555 from 3555	on depo -Federa hole @ to 3680 -82'.	sits. 1, P&A @ 3680' 3450-80', ' and attempt Estimate top of
Surface format Propose to re- on 10-5-65, dr 625-1725', 34 if re-entry is completion by an Andres @ 2 IN ABOVE SPACE DESCRIBE P some. If proposal is to dr. preventer program, if any. Id. SIGNED (This space for Federal PERMIT NO.	Cor State office use)	tocene All . McClella lugs using -20'. will run 4 and acidiz	or plug bits on sub	3680' m on Bols . 1 Smith left in " casing from 3555 from 3555	on depo -Federa hole @ to 3680 -82'.	sits. 1, P&A @ 3680' 3450-80', ' and attempt Estimate top of

i

i

*See Instructions On Reverse Side

WELL LOCATION AND ACREAGE DEDICATION PLAT

Cu, crisciles C-128 Effective 1-1-65

.

Stevens Oil Company Federal "A" Unit Letter Section Township P 13 8 South Actual Footage Location of Well: 660 feet from the South			All distances must be	from the out	ter boundaries of	the Section.		•	
Delevents Section 13 8 South 30 East Contry Astrial Pressor Leasting View Contry Township 13 8 South 30 East Contry Astrial Pressor Leasting View Contry Pressure Leasting View Contry Pressure Least Line Contry Astrial Pressor Leasting Township South Interest of the South Interest of Contry Chaves Astrial Pressor Leasting Township South Interest of Contry Chaves Acres 1. Outline the acreage dedicased to the subject well by colored pression that the plat below. It more than one lease is dedicated to the well, noutline each and identify the ownership is dedicated to the well, have the interests of all ownership is dedicated to the well, have the interests of all ownership is dedicated to the well, have actually been consolidated. (Use reverse side of this form if accessary). No If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if accessary). No allowable will be assigned to the well until all interests have been consolidated (by communitization, untilation, u	Operator			Lease		dava I I	א וו א וו	Well No.	
P 13 6 South 30 East Cheves Area South Internation of Mailing Geoded prevention of Mailing Opended Lavel Elaw: Descent Average: Area Area Area Descent average				1			<u>A</u>		l
650 test team the South time and 660 test team the East Oreand Lave: Producting Promotion Producting Promotion Producting Promotion Producting Promotion 4156' Producting Promotion Will Ideat Dedicated accesser 1. Outline the accessed dedicated to the subject well by colored pencil or hackure marks on the plat below. 2. If more than one lease of different ownership is dedicated to the well, have the interests of all owners there consolidated by communitization, force-pooling, etc? I have the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if accessary). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I have been to more on a ball will be common the information contained how the information c	Р	13		Rang	-		Chaves		
General Level Elever Freedrom for promotion Inter a construction of promotion 4156' Sen Andres Wildot Lot Arreage 1. Outline the acreage dedicated to the aubject well by colored pencil or hachure marks on the pilst below. If more than one lease is dedicated to the well, outline each and identify the ownership thereof form as the working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all propersident consolidated by communitization, force-pooling, etc? If mower is "no?" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form for descenter). No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of this form for descenter). No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of the form is a complete to the solution of the form is interests, has been approved by the Commission. CERTIFICATION I have the information contained below. I have the information contained below. I have the information contained below. I have the information contained below. I have the information contained below. I have the information contained below. I have the information contained below. I have the information contained below. I have the information contained below. I have the informatin the well location. I have the inform		S	outh .	660			Fact		
4156* Son Andres Wildcat Lo 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners heart consolidated by communitization, force-pooling, etc? Yes No If answer is "so;" type of consolidation We are the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, untitation, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained hearth is true and complete to the bear of my knowledge and belief. No allowable will be assigned to the well was a strue of complete to the bear of my knowledge and belief. No allowable will be approved by the communitization, forced-pooling. Otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained hearth is true and complete to the bear of my knowledge and belief. Nowledge and belief. Nowledge and belief. Nowledge and belief. Thereby certify that the set of my knowledge and belief. Thereby certify that the is approventing the set of my knowledge and belief	Ground Level Elev:	Teet nom the	ine and	·	fee	t from the			
 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (Bobly as its working interest and royalty). If more than one lease of different ownership is dedicated to the well, have the interests of all powners beer consolidated by communitization, unitization, force-pooling, etc? Yes No If answer is "res," type of consolidation If answer is "no," if is the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or unil a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify there the information control of any bandedge and batief. More the information control of any bandedge and batief. More the information control of any bandedge and batief. More the information control of any bandedge and batief. More the information control of any bandedge and batief. More the sell location in the same is true and complex to the area of any bandedge and batief. More the sell control of any bandedge and batief. More and set of any bandedge and batief. More and set of any bandedge and batief. More and batief. More and set of any bandedge and batief. More a	4156'			-	i Idcat			• •	
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (hold as is working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners indexed consolidated by communitization, unitization, force-pooling, etc? Yes No If answer is "no?" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form form force-opooling, or otherwise) or unit a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I have been consolidated. I have been consolidated. We set get an one bears of the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or unil a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I have been consolidated. I have been consolidated to the well well bear of my knowledge and belief. No allowable will be assigned to the well until all interests have been consolidated bear in to no decomplete to the bear of my knowledge and belief. No more the bear of my knowledge and belief. No more the bear of my knowledge and belief. No allowable will be appointed from field once of actual structure in the bear of my knowledge and belief. No allowable will be appointed from field once of actual structure. I have by certify that the solid from field once of actual structure in the bear of my knowledge and belief. No allowable will be appointed from field once of actual structure. I have by certify that the solid on the solid once of actual structure.		e acreage dedica	ted to the subject v	vell by co	lored pencil o	r hachure	marks on th	e plat below.	
dated by communitization, unitization, force-pooling. etc? Yes No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, intraction, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained down in the sole was downledge and belief. Now allowable will be assigned to the well until all interests have been consolidated (by communitization, inforce-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained content on the sole of my hon-ledge and belief. Now Deterned Owner Owner Owner Owner Owner I hereby certify that the well location in the sole of my hon-ledge and belief. I hereby certify that the sole of my hon-ledge and belief. I hereby certify that the sole of my hon-ledge and belief. I hereby certify that the sole of my hon-ledge and belief. I hereby certify that the bear of my hon-ledge and belief. <	2. If more th	an one lease is			-			-	working
If answer is "no;" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I haveby certify that the information contained herein is true and complete to the best of my knowledge and belief. CERTIFICATION I haveby certify that the well face; and the set of my knowledge and belief. Stevens Oil Company Date I hereby certify that the well face; and the set of my knowledge and belief. I hereby certify that the well face; and correct to the best of my knowledge and belief. I hereby certify that the well face; and the the set of my knowledge and belief. I hereby certify that the well face; and the the set of my knowledge and belief. I hereby certify that the set of my knowledge and belief. I hereby certify that the well face; and the the set of my knowledge and belief. I hereby certify that the set of my knowledge and belief. I hereby certify that the set of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby the company the the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the best of my knowledge and belief. I hereby certify that the solute th			-		to the well,	have the i	nterests of	all owners bee	consoli-
this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information con- tained herein is true and complete to the beer of my knowledge and belief. Now Mert Dete 1 hereby certify that the well location of the well location of the splat was plotted from the is a complete to the beer of my knowledge and belief. I hereby certify that the well location of the well location of the splat was plotted from the is a non-or splat was plotted from the is a now on this plat was plotted from the is a now on this plat was plotted from the is a now on this plat was plotted from the is a now on the splat was plotted from the is a now of actual surveys made by ne or under my supervision, and then the same is nowledge and belief. Date Surveysed 10-1-65 Registered Professional Engineer and/or Land Surveysed 2787	🛄 Yes	No If an	swer is "yes," type	of consoli	dation	<u></u>		ELUNT	<u>=:'}:0</u>
this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information con- tained herein is true and complete to the beer of my knowledge and belief. Now Mert Dete 1 hereby certify that the well location of the well location of the splat was plotted from the is a complete to the beer of my knowledge and belief. I hereby certify that the well location of the well location of the splat was plotted from the is a non-or splat was plotted from the is a now on this plat was plotted from the is a now on this plat was plotted from the is a now on this plat was plotted from the is a now on the splat was plotted from the is a now of actual surveys made by ne or under my supervision, and then the same is nowledge and belief. Date Surveysed 10-1-65 Registered Professional Engineer and/or Land Surveysed 2787							A.		
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained been in the me ond completes to the best of my knowledge and belief. Now Per Stevens Oil Company Date R-29-78 I hereby certify that the solid surveys mode by me or under my supervision, and that the same is three and correct to the best of my knowledge and belief. Date Surveys mode by me or under my supervision, and thet the same is true and correct to the best of my knowledge and belief. Date Surveysed 10-1-65 Fregistered Professional Engineer md/or Land Surveyse Certify Nowledge and belief. Certify Nowledge and belief. Date Surveysed Certify Shot the same Certify Shot Shot Shot Shot Shot Shot Shot Shot			owners and tract des	criptions	which have ac	ctually bee	en consolida	ited. (Use rever	se side of
forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis- sion. CERTIFICATION I hereby certify that the information con- tained herein is true and complete to the best of my knowledge and belief. Note: No		•	d to the well until a	linterest	s have been d	angalidat	ad the arm		ista at au
sion. CERTIFICATION I hereby certify that the information con- tained herein is true and complete to the best of my knowledge and belief. N. and N. And									
I hereby certify that the information con- tained herein is true and complete to the best of my knowledge and belief. North Structure M. Atten Owner 	,-	6, .			0		,		
toined herein is true and complete to the best of my knowledge and belief.		1			1	T		CERTIFICATION	
toined herein is true and complete to the best of my knowledge and belief.					1				
best of my knowledge and belief.		1			i		I hereby c	ertify that the infor	mation con-
A say of the second sec			I.		1	1			
Stevens Oil Company Date 8-29-78 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor Certification No. 2787		1			1		best of my	r knowledge and bei	ief.
Stevens Oil Company Date 8-29-78 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor Certification No. 2787					1				1
Stevens Oil Company Date 8-29-78 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and bellef. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor Out Survey Correct to the best of my knowledge and bellef.		·			, 	[N.ang	IM	11
Certification Certification Certification 2787		1					Paulin	uld I. X	Mu
Stevens Oil Company Date 8-29-78 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor Or Land Surveyor Or Land Surveyor Certificar No. 2787		ŀ			L .	ļ	Ov	vner	
Date 8-29-78 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor Mut Mut Mut Certificate No. 2787		1) 1	1			
8-29-78 1 hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. 660' 70 <td></td> <td></td> <td></td> <td>ъ.</td> <td>1</td> <td></td> <td></td> <td>ns Oil Cor</td> <td>npany</td>				ъ.	1			ns Oil Cor	npany
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor Certificant No. 2787					1		1	-29-78	
shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor Certificane No. 2787					l · ·				
shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor Certificane No. 2787		1							
notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor MM MWanh Certification No. 2787		1			1				,
under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-1-65 Registered Professional Engineer and/or Land Surveyor MM MWanh Certification No. 2787		i i					1		
knowledge and belief. Late Surveyed 10-1-65 TO Registered Professional Engineer and/or Land Surveyor MM Swam Certificate No. 2787		i j					1		-
Certification No. 2787		1			1		is true a	nd correct to the	best of my
TO TO Registered Professional Engineer and/or Land Surveyor MM SWarth Certificate No. 2787		1			1		knowledge	and belief.	
TO TO Registered Professional Engineer and/or Land Surveyor MM SWarth Certificate No. 2787		+			111				
Registered Professional Engineer and/or Land Surveyor MM SWA Certificate No. 2787		I ł			N . L	660	Date Survey	ad In I 45	
and/or Land Surveyor Certificate No. 2787		I				- 9		10-1-07	
Certificore No. 2787		1			K T		1 -	• /	ec _
Certificate No. 2787						- # 🔪	and/or Land	Surveyor	
Certificate No. 2787		1			1,4,			1 A Aura	T
							Certificate	10	7
	0 330 660	90 1320 1650 198	0. <u>2310_2640</u> 200	0 1500	1000 5	00.0		2101	Y

والمراجب والمستمع بعودات وتبرعت وسروتين تشويتهم والمستها ومتصفيها والمتصبقات المتنافعهم ووالمستوح والمور جميح

•

SURFACE USE PLAN

Stevens Oil Company Federal "A" No. 1 660' FSL & 660' FEL Section 13-T8S-R30E Chaves County, New Mexico Federal Lease NM 29225 U.S. EEDCOLIDAL SUAVEY ANTECIA, NEW MENDO

1.

Existing Roads Exhibit "A" is a portion of the Chaves County road map of the New Mexico State Highway Department, showing the proposed well site in relation to nearby highways and ranch-oil field roads. U. S. Highway 70 will be used for 26 miles from Roswell to the county road. This highway is maintained by the State of New Mexico and the U.S. Government, a paved, all-weather road. The county road will be used for approximately 15 miles. This road is constructed of caliche, is approximately 30' in width and is main-tained by the county. The oil field-ranch road will be used for approximately 6 miles. This road is constructed of caliche, is approximately 15 to 25' in width and is maintained by oil companies with production in the area and ranchers. All roads and highways to be used are marked in yellow and the proposed well site and nearby towns are marked in red.

2. Planned Access Road

Exhibit "B" shows the oil field and ranch roads and the access road to the proposed location. The proposed location is to be a re-entry of a well drilled in 1965 and will require no additional work for its use. The road is 12' wide and is caliche. Existing gates and cattleguards will be utilized and all existing fences will be left intact. In the event production is obtained the gate located in the approximate center of Section 13 will be replaced by a cattleguard. Exhibit "D" details the roads in the immediate area. Roads are marked in yellow and the proposed location in red.

3. Location of Existing Wells Exhibit "B" shows all of the producing and abandoned wells within more than 1 mile of the proposed well with ownership of various tracts.

4. Location of Tank Battery, Production Facilities & Production Gathering & Service Lines Exhibit "C" shows all of the above-stated facilities within 1 mile of

the proposed location. All currently producing oil wells, tank batteries, and flowlines are owned by Stevens Oil Company. Two buried lines connect the two tank batteries, one a crude oil line owned by Mobil Oil Company and the other a gas flowline owned by Cities Service Company. The route of a flowline for water for the use and drilling the proposed location is shown. The Temporary Use Permit, a copy of which is attached and marked Exhibit "F", has not as yet been approved but is expected to be approved by the time drilling commences. In the event production is encountered and the Temporary Use Permit is approved the water flowline will be converted to an oil and gas flowline going from the proposed location to the tank battery at the Stevens Oil Company No. 2 Smith-Federal. If production is encountered, a tank battery will be constructed at Stevens Oil Company No. 2 Smith-Federal and all production will be

kept separate from production at the Smith-Federal well. The reason for constructing the tank battery at the Smith-Federal lease rather than at the proposed location is to prevent a proliferation of tank batteries in the area and to have accessible the crude oil flowline and gas flowlines available for immediate use at first production. The alternative tank battery at the proposed location would require trucking of the crude oil and venting of the gas, at least until such time as sufficient production were established that Mobil and Cities Service might lay lines to the location. The proposed tank battery location will result in greater economies, less surface use in the area and prevent the flaring of produced casinghead gas.

5. Location and Type of Water Supply

There is no useable fresh water in this area. All water needed for drilling, testing, and completion will be pipelined from the Smith-Federal No. 2 lease over the Temporary Use Permit, if approved, shown on Exhibit "B". If the Temporary Use Permit is not approved prior to drilling all water will be trucked in by commercial transport on existing roads as shown on Exhibits "A", "B" and "D".

- 6. Source of Construction Materials As this is a re-entry operation it will not be necessary to construct roads or location with caliche topping since they are already in place.
- 7. Handling of Waste Disposal

All waste material remaining after the drilling of this well will be placed in mud pit as shown on Exhibit "E". Any combustible or biochemically degradable material will be placed in the "burn and trash pit." Drilling fluids and any produced oil or water recovered during testing operations will be allowed to dry out in the pit shown in Exhibit "E" and after drying out will be covered and leveled when the surface is restored.

- Ancillary Facilities No ancillary facilities are planned.
- 9. Well Site Layout

This information is shown on Exhibit "E". The pits will not be lined, since they were not lined in the original drilling of the well and the mud pits will be on the same location; further only a relatively small amount of saltwater will be used and only a small amount of cuttings accrue in the pit.

10. Plan for Restoration of Surface

All pits will be filled in and levelled. Deadmen will be removed if a dry hole. The access road and location will be left in its present state and the location will be cleared and maintained in an orderly manner.

11. Other Information

The area is in a marginal grassy portion of the typical mesquite and grassland range west of the Caprock in Eastern Chaves County. Grass and mesquite bushes constitute the majority of the flora and fauna consists principally of the usual field mice, rabbits, coyotes and snakes. The surface ownership is federal, leased under the Taylor Grazing Act to an

area rancher. The environmental impact on the area will be minimal since the proposed location is a re-entry of a well drilled in 1965. No unusual topography exists on this proposed well site and roads.

12. Operator Representatives

Donald G. Stevens	612 North Kansas Roswell, New Mexico	88201	623-3541
Curtis Stevens	2405-B North Grand Roswell, New Mexico Mobile Unit 4138 (Di		623-3741

13. Certification

I certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Stevens Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

STEVENS OIL COMPANY

Donald Stevens

G.



	11407 0 125 00	Ĭ · ĭ · ēž UV ind.Va − Morshoil&Winston,Ptt	18808	18877 72 58 T		16018 (15637 ()
Cigory	1 Der	L.G.Fernstramby 26 H.E.Yates 17 - 17 - 18 19 - 10 19 - 10 10 10 10 10 10 10 10 10 10 10 10 10	Sa Union 25		Vright J.J. Steele U.S.	28
		E + 18 - 61 Frank C. Miller, et al Yotes 0. A. Fernstrampo di 12 - 16 - 6 Thelme Creeky Te (Mortindew)	Gienn Pet. Sonders Ders & T. T. Sonders D'Sanders Jr ^m To soo Wi.mg Wood, Life Est	7. 11 71 ••••• • • • • • • • • • • • • • •	Mildred Wright Francis Gordon Dalca, dal W.W. West, etcl	M.R.MocCurdy (Ounten) Crips-And T04000 of [8:1:0] D04017.00 of [8:1:0] U.S.M.C.C. U.S.M.C.C.
	M.E. Yortes I.J. 5. 17. 11 Do Tor Ta (Panhare) M.E. Yortes Glenn M.E. Yortes Pet. 10:20: 1:1.1.60	H.E.Yates A Builden Glana	Martin dole itel Sun k stad sun 3/31 K 3259 Stells, etal (foun) 4. Creeby	Flog-Redfern,etal HBP Tills Ti 16677	G.Street App App App App App App App App App Ap	SundanceOil (Tex Poc. 1/2 (Allved Chem 18018 / 2) 3 044153
	(USSme#) TOTADO BATT 1949 34	H.E. Yoles	36 .	····· 31	L-SH9 12 32	0 ²⁴ 0 ¹⁸ 0 ³ Wor rzos rso Ir Sundance Oil 1
	" Heyco Crosby" H.E.Yeles V2MJ	6 - 1 - 83 16 808 U.S. MLE Yorkes MLE Yorkes MLE Yorkes	•	H.E. Yates B+ 1+ 82 71 31 21 "Rebecca Crosby"	G. Street stal Morenco	Colloson Fed " Tot
		HEYotes W 181 % Dale Jenneon 5M. W 181 % Dale Jenneon 5M. W 118 W 118 1 9 1 1 1 9 1 1 1 1 9 1 1 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	sun-St. State Sun-St. State 1 J 21 /	"Rebecce Creeby" U.S. TOSEC 1" 1	" 3754 3 5 Stote Westin Res-St"	Recent de la
- 8 1 - 1 3 	Chem Aller Chem. I Union Chem (19 bas) Chem (19 bas) I Chem (19 bas) Chem (19 bas) Chem (19 bas) Chem (19 bas) Chem (19 bas) Chem (19 bas) Chem (19 bas)	K. Street etail Votes K. 3784 703897 MWJ Prod. D/A87276		6 ² •4 (Exxon) ↓ Yates, S/R ⊥ ↓ ISDIE • ³ •1 "Exxon-Fed"	Sundance Sundance of 15678 T01771 	+
	Vite Vites Union Amo	1	Anoce-Fed Sundance Oil 5-22-80 Harvard Expl. Askored H. Yates, etal, Va	Votes Ca etal	o ⁷ Sundance M Fund	101970 4
mbie X	Theime Croth	4 1 ' "Coto-St" 2 State	TO JEES 6 · 2 · 80 · 1 · 8 MWJ · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 · 1 · 8 <	(R.M. Richardson) Thies Graves	0 ⁸ "Ingrem-Fed"	TO-LOGO JANEOS *Paye-Fed." TO-4007 U.S.
-iesby Union Tex. @2 54	Amoco e ¹ Amoco 0403706		Amoco Sundance Oil P Mehil Yi	Mobility 02 - MODI-Oroves	US. Sundance Oil 7 · 1 · 12 15670 Sundance	Sundance Oil 18837 02 Sundance, HBP
un Bjer	3 3 Violet Queen U.S.	Texos Boskeff	Horvard Expl. Hervard Expl.	MWJ, 7:23-76 HY Totes, et al, 78; Humble	Jundonce Totali ↓ ² Humble	
Union Tex 5	PonAm Toluga 2.v Union- Arroco I Tes Pet	Amore Baskerr Baskerr	AND 12 ····	Horvard Expl. 7 8 4 4 10 • 6:3 JU 90 - 7 8 1832 Exton 4 14 18 3 - 1 - 12 - 1 1952 15016 4 1992	R.R.Min. 8 5: 41:5 19: 1965 0/4:12:3:-51 Excon	Sundance Oil 7 · 1 · 82 15678
e ⁶ Thebne Trosby	Tende Boskett Tende Boskett Trespy, et al L.E. Colo, et al	F372 4 F372 A Boskerr RJ of elel Virgil Competal	u.s. Dophne Baskett	- 71 Der 10 184 Dr.4 4 - 7 - 57	3 - 1 - 82 Isois U. 5.	V \$.
• ^{2 H}	3 1-0 ed t t		1 Stevens Stevers J Oil 2 0-7751 "Coll" Sowesth Free)	1 ¹ Transmountain Prod. Hisp 067707	Transmountain Prod. 067~07	Read C Stevens Yates Pe 19.4080 . 1.65753 . HOP 1.65753 . HOP 1.125 K.745
э.н ө	TAKA 2-0 That - rolly, Tak #3 Bosker eleg 1. J.E. Colo, elel	• • Colles Wash	OIL THE COLL OF COLL-Fed	JL, McClellan Barb - Fed 10597 1 Ball-15-67 1 Ball-15-67 1	Z p (n) (v) mit F3 F3 F4 (TAI)	H.L.Brown, Jr. Read Ste I K-745 I 194090 Sunray St. I HBP Sunray St. I 6 K-745
• ^{12-H}	0177517	Аттосо 0177517 Олландар	Коор со Старон	Gulf S 17-84	SIETE	Read G Stevens Read E Stevens 10 4000 11 - 1 - 03
8	30 _{u.s.}	Coto Fed C.	ROJ 26 TH TOXAG	CATTON STATE	H.L.Brown.ir.S/R Fed (TM) JSA Disc. U.S.FISE H.L.Brown.it. Eastland	Thyse State K-745
tes - 82	Arroco e ^{i C} 0354 427 <u>Crasbur Feg</u> Union Tex. 3 7 5	• • • • • • • • • • • • • • • • • • •	Husky Texos Amer. Oil HBP 6-1-83 16808 035427	Exxon 3 · · · · · · · · · · · · · · · · · · ·	HLBrown, K fostland Shell/2004, 93 Field Fiel Ex Kon 9 - 1 - 82 31100 Te 19 K65	1 9 10 10 10 Pi0 75 2K6SI 17 1 Amoco
t, etai a) 12	0155454 Will Aloz Erd 2 "L.C. Horris" O ^{3-C} +C ZShell 3	"Cato-Fed" 23 "Cato-Fed."	2 4	- 1 19 Guiff 5-10-84		1 16443 1563 Aztec - 21 3-1-77 Pennzoil K65 H.8 P. 16443 M.8 P.
ile-sel	2-C 0276225	Sheil 022636	HBP 022636	- zi Jayne Taylor, efal, Mins.	Alexander Cattle Ca	1543 1553 233 Penazoil 233 Pubco-Fed Tosoge
n-Fed.	Hodges Fed " U.S. Brown-Fed"	• "Hodges Fed" U.S. •1-A Shell	U.S. Gulf Shell 3-1-83 TO3602	U.S. J.W.W.I.ex IPoHie Diskel0 3-0 Exxon	US US <u>J.M. Fields Hz</u> US H.L. Brow-1, Jr Cont 7, Cont 7, Factor PGS	Pennzoil
الح	4-A	0716225 •••	17803 DIAI7-77-64 (H.L. Brewn) (J.r. ebil	/4-(-79 5-1-92 92/2 158/6 7 158/6	027414 H L Brown Jr #2 Cont'l Fed	H B P 027395 -
IN-Fed INTIHFord 1 2413 €	27 • ^{5-A} • ^{3-A} ⊕ Sort For by 150 m	26	25 Texos Amer. 'Shell 1-1-84 (HBP) 19850 (ANKER)		l <u>o</u> o l	. n n
RCo. 124134 Configuration Fed	•2*A ** Hedges - Fed. ** F0 3561 U.S.	Brown Fed. Eastlond Shell Fed. U.S. TO Stell		St St	JRFACE USE PLA Exhibit "B"	N
3. el Ailford	e ^{ra} e ^{2-a} Shell	U.S. TD 3765 Texas Amer. 1-1-84 19850 ;	U.5 Existon 1 - 1 - 83		Dil Co. Federa	
154127 Far	Akaond Cottle Ca J. M.		나 936 15한4	_	on 13, T-8-S, 1 naves Co., N. 1	
•3	4 ²	Eastland Wilcon to 3543	36	Scale 1"		
•	4-9 "Mooges-For" Hugh 8. J.W. Wagson Wilson Wilson Wilson	U. S.	state	·		·
<i>!</i>	4 3 21 21		ا اد او او دور ام مرجعا	Superior	I Superior	7 al 1 Ceovina



SURFACE USE PLAN Exhibit "C" Stevens Oil Co. Federal "A" #1 Section 13, T-8-S, R-30-E Chaves Co., N. M.

Scale 1" = 800'



Roads

-x-x x y Farces

SURFACE USE PLAN Exhibit "D" Stevens Oil Co. Federal "A" #1 Section 13, T-8-S, R-30-E Chaves Co., N. M.

Scale 1" = 800'

EX15 Fing Mud Pit Trogh Pit old well Pip-rochs 5 Existing parl

٩,

SURFACE USE PLAN Exhibit "E" Stevens Oil Co. Federal "A" #1 Section 13, T-8-S, R-30-E Chaves Co., N. M.

1

Scale 1" = 50'

Form 2920-1 (November 1977) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT TEMPORARY USE APPLICATION AND PERMIT Title I, Sec. 28(e) of the Mineral Leasing Act of 1920, 30 U.S.C. 185, as amend- ed; Secs. 302(b) and 504(a) of P.L. 94-579, October 21, 1976, 43 U.S.C. 1732, 1764.					FORM APPROVED OMB NO. 42-R0996 Serial Number		
							ed; Secs, 502(0)
Stevens prietor	Stevens Oil Company, a sole pro- prietorship of Donald G. Stevens Roswell, New Mexico 88201						
TOWNSHIP	RANGE	SECTION					

8-South 30-East 13 S/2 NW/4, SW/4 NE/4, N/2 SE/4, SE/4 SE/4 (a 30' strip therein)

Мег	idian	State	County	Acres (number)			
	NMP	New Mexico	Chaves]			
3.	Proposed date(s) of use:	From 10-25-78	to 10-24-1	79			
4a.	Are you 21 years of age	or over?	b. Are you a citizen of the U your intention? XX Yes	Inited States or have you declared			
с.	c. As applicant, are you a Partnership Association Corporation; X Individual(s); or an agency of Federal Government State Government Political subdivision of any state?						
d.	Are the statements requir	ed by Instruction Number	2 attached? Yes No	X Not applicable			
5.	Are you making this appl	ication for your own use a	and benefit? 🔀 Yes 🗌 No	(1/ ''no,'' explain)			
6.	Are the lands now improv poses, identify users and		X Yes No (If "yes,"	describe improvements and pur-			
	No improvements lease land.	or occupations,	however cattle gra	izing occurs on			
	duction from the gas flow line.	re-drilled hol	d. In the event of e, the line would h	be used as an oil and			
b.	What improvements, include drawings, if convenient)	ding sanitation facilities	, do you intend to make? (D	escribe improvements and attach			
	The only improve property between	ement would be t the tank batte	he laying of a 2" p ry and old well.	lastic line over the			
с.	What is the estimated cost of proposed improve		ed source of water for domestic	or other uses?			
	ment? \$5,000.00	Not applicab	le				
8.	Have you enclosed filing	fee of \$10? X Yes	No (See Instruction Numbe	r 3)			
	ERTIFY That the informa owledge and belief and is p	given in good faith.	application is true, complete	e, and correct to the best of my			
	9-18-78	by					
	(Date)	•2 Do	nald G. Stevenissature of	of Applicant) Owner			

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

.

.

RECEIVED

SEP 29 1978

O. C. C.

.

.