(See other in-DEPARTMENT OF THE INTERIOR structions on reverse side) D. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY NM-01614 6. IF INDIAN, ALLOTTER OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 7. UNIT AGREEMENT NAME 1a. TYPE OF WELL: WELL WELL X Other L TYPE OF COMPLETION: DIFF. BESVR. S. PARM OR LEASE NAME WORK [] DEEP. WELL X Other Thompson 2. NAME OF OPERATOR 9. WELL NO. Southland Royalty Company #7-A 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT P. O. Drawer 570, Farmington, N1 87401 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). Blanco Mesa Verde 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 1780' FNL & 1570' FWL At top prod. interval reported below Section 34, T3lN, R12W At total depth 12. COUNTY OR PARISH DATE ISSUED 14. PERMIT NO. San Juan New Mexico 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) | 18. ELEVATIONS (DF. RKE, RT, GR. ETC.) | 19. ELEV. CASINGHEAD 6057 GR 5-18-79 2 - 1 - 79CABLE TOOLS ROTARY TOOLS 23. INTERVALS 21. PLUC, BACK T.D., MD & TVD 22 IF MULTIPLE COMPL. 20. TOTAL DEPTH, MD & TVD DEALTED BY b'-5170' 5081' 5170' 25. WAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL(S), OF THIS COMPLETION TOP, BOTTOM, NAME (MD AND TYP). Point Lookout: 4771' - 5031' Deviation 27. WAS WELL CORED 26 TYPE ELECTRIC AND OTHER LOGS BUN NO IES, GR-Density, GR-Correlation, Coment Bond Log CASING RESCORD (Report all strings set in well) CEMESTING BELORD CASING SIZE WEIGHT, LB TT. DEPTH SET (MD) HOTE SIZE 9 5/8ⁱⁱ 12 1/4" 105 sacks 36# 2351 8 3/2" 205 sx 7" 26871 20# TUBING RECORD LINER RECORD PACKER SET (MI) DEFTH SET (MD) SACKS CEMENT* SIZE BOTTOM (MD) SIZE TOP (MD) 50091 $2.3/8^{\circ}$ 4 1/2" 2534 50841 360 sx Point Lookout: 4771', 4777', 4784', 4790', ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED PERTH INTERVAL (MD) 4795', 4801', 4807', 4813', 4819', 4826' 4771' - 5031', 120,708 gals water 4845', 4851', 4857', 4893', 4899', 4013', 64.500 # 20/40sand 4930', 4939', 4944', 4950', 4958', 4964', 4971', 4983', 5002', 5031'. (26 total) PRODUCTION 33.* WELL STATUS (Producing or PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) DATE FIRST PRODUCTION shut in Shut- In Flowing CHOSE SIZE OIL BBL. GAS WATER-BBL. PROD'S FOR DATE OF TEST HOURS TESTED TEST PERIOD 3/4" 5-25-79 3 hours GAS -MCF VS ATER OIL GRAVITY-API (CORR) CALCULATED 24-HOUR RATE FLOW, TUB'NG PRESS. CASING PRESSURE 4422 574 TEST WITNESSED BY 34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Mick Ferrari 35. LIST OF ATTACHMENTS UN 12 1979 correct as determined from all available records 36. I hereby certify that the foregoing and attached info moton is equiplete and

*(See Instructions and Spaces for Additional Data on Reverse Side)

SIGNED.

TITE STEET

DATE 6-1-79

roduction Manager

NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or state laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, juriticularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

Here 12. Indicate which elevation are as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Here 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) Consult local State should be listed on this form, see item 35.

Ifem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

or Federal office for specific instructions.

; ,

1.10.00

drage of or a sub-

37. SUMMARY OF POROUS ZONES: BILOW ALL IMPORTANT ZONES POROSITY AND CONTENTS THEREOF; DEPTH INTERNAL TESTED. CUSHION USED. THE TOOL OPEN. PLOWING	OUS ZONES: TANT ZONES OF POI TESTED, CUSHION	ROSITY AND CONTEN	TS THERROF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING	38. GEOLO	GEOLOGIC MARKERS	
FORMATION	TOP	воттом	DESCRIPTION, CONTENTS, ETC.		Ě	TOP
		-		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
itland tured Cliffs	1809' 2411'					
Pt. Lookout Cliff House						*41
						·
					-	ang Bright
	•					2 3円を
		·				<u>, 17 j. </u>
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Form Approved. Budget Bureau No. 42-R1424

BY _____

5. LEASE

UNITED STATES DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR	NM-01614
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WEL	l .
reservoir, Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas 🔀 other	Thompson
	9. WELL NO.
2. NAME OF OPERATOR	7-A 10. FIELD ORILDCAT NAME
Southland Royalty Company 3. ADDRESS OF OPERATOR	Blanco Mesa Verde/Flora Vista Frtln
P.O. Drawer 570, Farmington, N.M. 87401 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See spa	11. SEC., T., R., M OR BLK. AND SURVEY OR
below.)	Section 34, T31N, R12W
AT SURFACE: 1780' FNL & 1570' FWL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	San Juan New Mexico
	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NO REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF	OF: 6057' GR
Frac'd Fruitland with 48,680 gallo 20/40 sand. AIR 9 BPM, ATP 24 10/06/80 Landed 156 joints (4990.82') of 2- Set Model "R" packer at 2600'.	ell is directionally drilled, give subsurface locations and pertinent to this work.)* , 2225', 2231' 2237'. Total of 4 holes. Ons of fresh water and 27,500# of
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
SIGNED TITLE DISTRICT F	
APPROVED BY TITLE TITLE	Accepted FAR RECORD
	act 1.3 1980
	CC
· · · · · · · · · · · · · · · · · · ·	FARMALOTON DISTRICT

*See Instructions on Reverse Side

THE APPLICATION OF SOUTHLAND ROYALTY COMPANY FOR A DUAL COMPLETION

ORDER NO. MC-2771

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A, Southland Royalty Company made application to the New Mexico Oil Conservation Division on December 1, 1980, for permission to dually complete its Thompson No. 7A located in Unit F of Section 34, Township 31 North, Range 12 West, NMPM, San Juan County, New Mexico in such a manner as to permit production of Flora Vista Fruitland and Blanco Mesaverde gas.

Now, on this 22nd day of December, 1980, the Division Director finds:

- (1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- (3) That no objections have been received within the waiting period as prescribed by said rule.
- (4) That the proposed dual completion will not cause waste nor impair correlative rights; and
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Southland Royalty Company, be and the same is hereby authorized to dually complete its Thompson No. 7A located in Unit F of Section 34, Township 31 North, Range 12 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of Flora Vista Fruitland and Blanco Mesaverde gas through parallel strings of tubing.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

 ${\tt DONE}$ at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION -DIVISION

JOE D. RAMEY

Division Director

MC 2771

OIL CONSERVATION COMMISSION DISTRICT

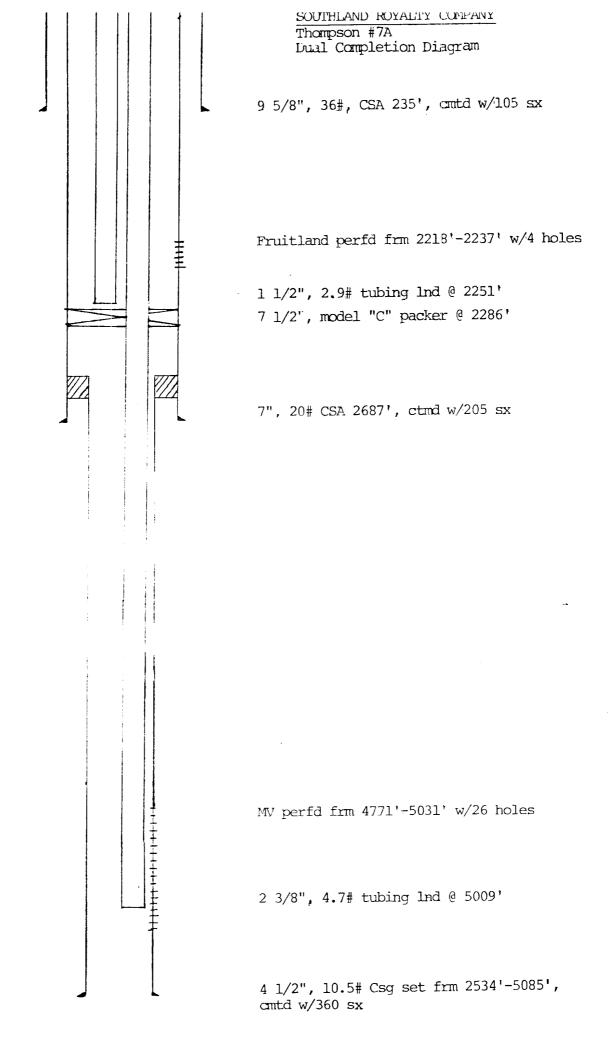
OIL CONSERVATION COMMISSION	DATE Dec. 7, 1980
BOX 2088	DATE 13 CC. 1, 1160
SANTA FE, NEW MEXICO	RE: Proposed MC
	Proposed WFXProposed PMX
Gentlemen: I have examined the application date	ed Dec B. 1980
for the Southland Royall to Thom	$\frac{47A}{\text{and Well No.}} \frac{F-34-31N-17\omega}{\text{Unit, S-T-R}}$
and my recommendations are as follows:	
	Yours very truly,
	Brat J. Clay

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

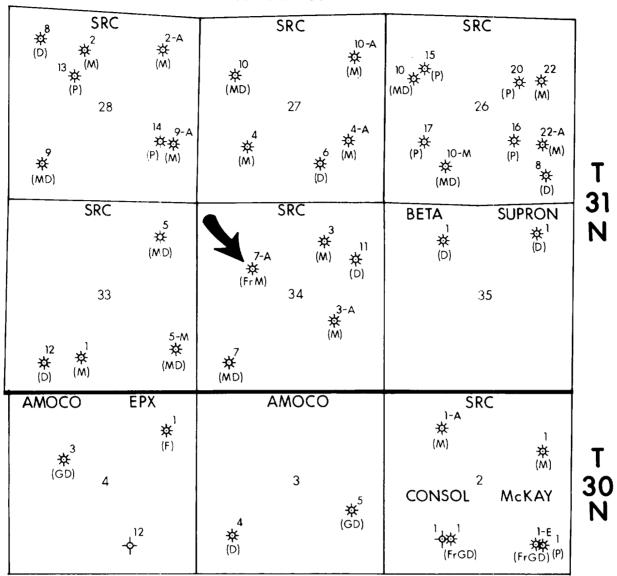
					ANTA mind on
Operator		County		Date	7 /5
	2217	Sar	Juan	111	-13-80
Southland Royalty Compa	117	Lease	1 Octobra		No.
P.O. Drawer 570, Farmin	gton, NM 87401	Tho	mpson	#7	'A
	ection	Township		Fian	ge
of Well F	34	310		12	TW
 Has the New Mexico Oil Conservat zones within one mile of the subject If answer is yes, identify one such 	r well? YES	NO	<u>~</u>		
3. The following facts are submitted:	Upper		Interme	diate	Lower
	Zone		Zor	n e	Zone
a. Name of Pool and Formation	Flora Vista Fru	itland			Blanco Mesa Verde
b. Top and Bottom of					
Pay Section	22101 2	2271	• •		4771' - 5031'
(Perforations)	2218' - 2	237			4771 3031
c. Type of production (Oil or Gas)	Gas				Gas
d. Method of Production		-			
(Flowing or Artificial Lift)	Flowing				Flowing
diameters and setting X	ng depth, location and type cation of all wells on appraises offsetting applicant to such multiple comilectished copies of the applicant well or other acceptable such log is not available.	e of packers blicant's lease. 's lease. ion from east cation.' e log with t at the time	s and side door chouse, all offset we chofiset operator. ops and bottoms application is file	lls on offset le or in lieu there or producing 20 d it shall be su	d intervals tubing strings, including her information as may be pertinent. cases, and the names and addresses coi, evidence that said offset operames and intervals of perforation including the provided by Rule 112-A.)
Amoco Production Company,				37401	Marie Com
Beta Development Company,	P. O. Box 1659, I	Midland,	TX 79701		
El Paso Exploration, P. C	. DOX 990, Parilleri	guii, in	1 0/401		
				Ž.	
				```	
6. Were all operators listed in Item 5 and are of such position 11-2		ed a copy o	f this application	YES X	NO If answer is yes, give
CFRTIFICATE: 1, the undersigned,	state that I am the Dist	authorized b	v said company to	make this repo	rt; and that this report was prepared

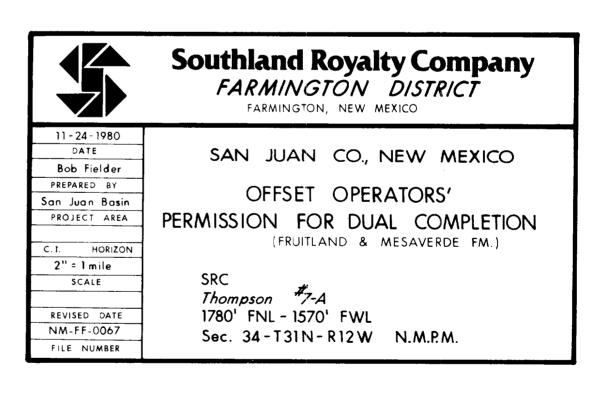
*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



R 12 W





# OIL CONSERVATION COMMISSION DISTRICT

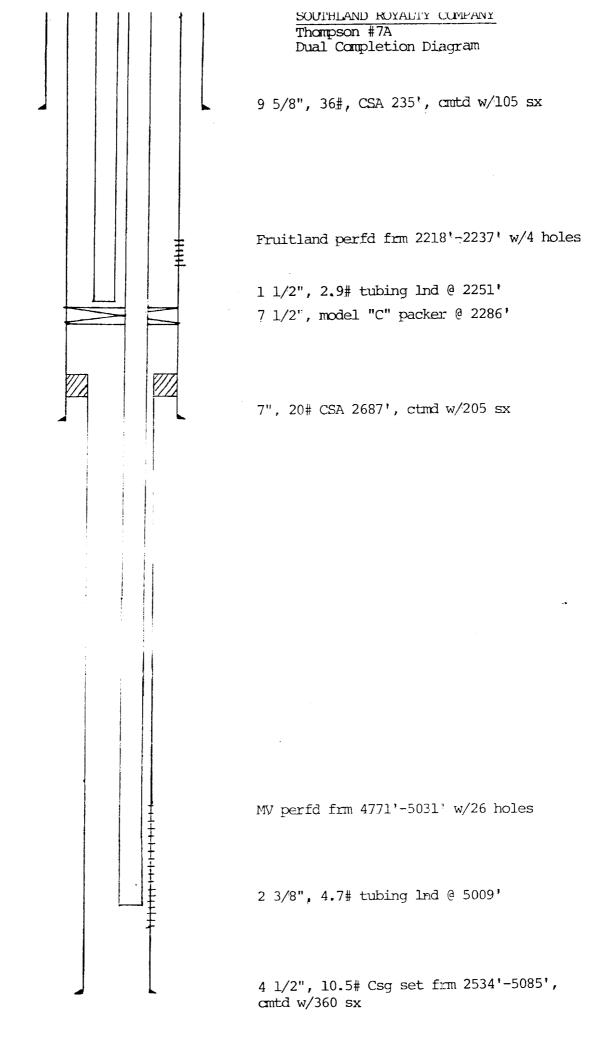
OIL CONSERVATION COMMISSION BOX 2088 SANTA FE, NEW MEXICO	RE: Proposed MC K Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PMX
Gentlemen:	
I have examined the application dated	Torender 76, 1980
for the South Royally Shompson & Shompson & Lease and	t7A F-34-31N-17W
and my recommendations are as follows:	
	Yours very truly,
	Frank J. Clay

## SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

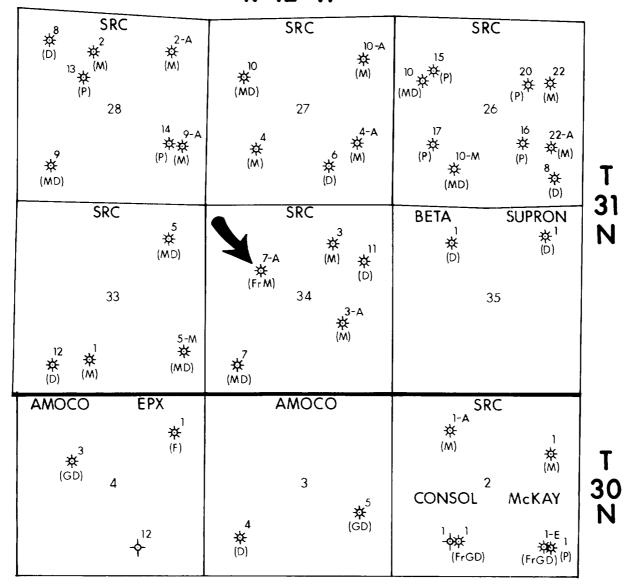
Operator		County		Date	
Southland Royalty Compar	nv	San Ju	an	11-13-80	
Address —		Lease		Well No.	
P.O. Drawer 570, Farming	gton, NM 87401	Thomps	on	#7A	
		wnship		Range	
of Well F .	34	31N		12W	
1. Has the New Mexico Oil Conservati	on Commission heretofore	authorized the	multiple completion of	a well in these sa	me pools or in the same
zones within one mile of the subject					
2. If answer is yes, identify one such	instance: Order No		; Operator Lease, an	d Well No.:	
3. The following facts are submitted:	Ti		Intermediate		Lower
5. The following facts are submitted.	Upper Zone		Zone		Zone
a. Name of Pool and Formation	Flora Vista Fruit	land		Blanco	o Mesa Verde
b. Top and Bottom of	TITOTA VISA ITAL	,	-		
Pay Section	20101 200			47711	- 5031'
(Perforations)	2218' - 223	37.		4//1	- 3031
c. Type of production (Oil or Gas)	Gas			Ga	as
d. Method of Production				_	
(Flowing or Artificial Lift)	Flowing			Flox	wing
. The following are attached. (Please	theck YES or NO)				
izers and or turboliz diameters and setting  X b. Plat showing the loc of operators of all ic  X c. Waivers consenting the local particles of the consenting the consenting that the consenting that the consenting the consenting that the consenting the consenting that the consenting that the consenting that the consenting	501 Airport Drive, P. O. Box 1659, Mi	uantities used of packers and cant's lease. a lease. a tron each office. tog with tops a the time applicated together w. Farmingt.	and top of cement, perside door chokes, and soll offset wells on offset wells on offset operator, or in lieutenation is filed it shall that their correct mailing, NM 87401  79701	the submitted as page address.	on as may be pertinent, the names and addresses that said offset opera-
o. Were all operators listed in Item 5 a date of such notification 11-2	4-80	· ·			If answer is yes, give
CERTIFICATE: I, the undersigned,	state that I am the Distri	ict Produc	tion Mgr. of the	e Southland	KUYATLY CO.
(conder my supervision and direction and t	ompany), and that I am authat the facts stated therein	thorized by said are true, corre	company to make this ect and complete to the	best of my knowl	edge.

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



### R 12 W





### **Southland Royalty Company**

FARMINGTON DISTRICT

FARMINGTON, NEW MEXICO

11 - 24 - 1980 DATE Bob Fielder PREPARED BY San Juan Basin PROJECT AREA C.I. HORIZON

2" = 1 mile SCALE

REVISED DATE NM-FF-0067 FILE NUMBER

SAN JUAN CO., NEW MEXICO

OFFSET OPERATORS' PERMISSION FOR DUAL COMPLETION (FRUITLAND & MESAVERDE FM.)

SRC Thompson #7-A 1780' FNL - 1570' FWL Sec. 34-T31N-R12W N.M.P.M.



### STATE OF NEW MEXICO

### ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO ER4ZOS FOAD AZTEC, NEW MEXICO E7410 (505) 334-6175

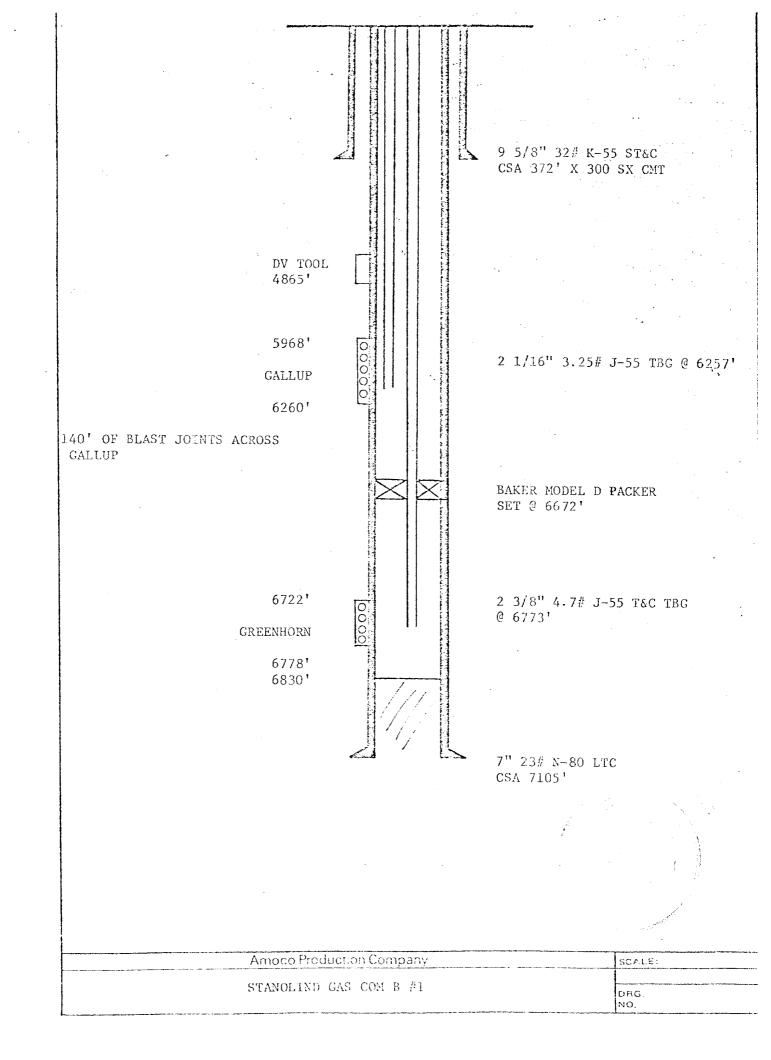
OIL CONSERVATION DIVISION BOX 2088 SANTA FE, NEW MEXICO 87501		1333/334-617
DATE 4-24-81		
RE: Proposed MC X Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PMX		
Gentlemen:		
I have examined the application	on dated 4-21-81	
for the Amount	Lease and Well No.	I-9-3210-17w Unit, S-T-R
and my recommendations are as Approve	•	0111 C, 3-1-1
Yours truly,		
Z 170		

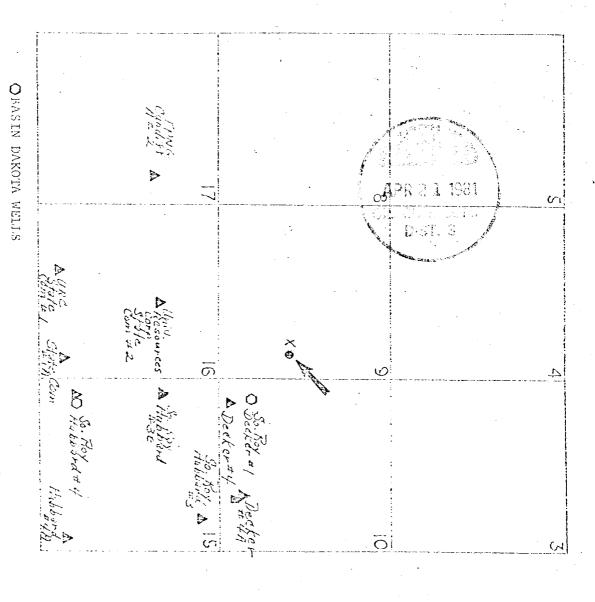
#### SANTA FE, NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

		* *			•	
		County	County		Date	
Amoco Production Company		San	San Juan		['] 81	
Visits.	· · · · · · · · · · · · · · · · · · ·	Ledse		Well No.		
501 Airport Drive		Stan	Stanolind Gas Com "B"		randra de la companya de la company La companya de la co	
[5]	ation	Township			<u> </u>	
ticount of the state of the sta	9	32N	32N			
1. Has the New Mexico Oil Conservati	on Commission herecofo	ore authorize	d the multiple completion of	fa well in	these same pools or in the san	
zenes within one mile of the subject						
2. If answer is yes, identify one such				nd Well No	•••	
2. If anywer is yes, identify one oden			<del></del>			
3. The following facts are submitted:	Upper		. Intermediate		Lower	
	Zone		Zone		. Zone	
a. Name of Pool and Formation	Gallup	· · · · · · · · · · · · · · · · · · ·			Greenhorn	
b. Top and Bottom of						
Pay Section	5968'-6260'				6722'-6778'	
(Perforations)			•			
c. Type of production (Oil or Gas)	Gas				Gas	
d. Method of Production					**** .	
(Flowing or Artificial Lift)	Flowing				Flowing	
4. The following are attached. (Please	check YES or NO)		•			
izers and/or turboli diameters and setting the least showing the least of operators of all large tors have been furrous	zers and location thereing depth, location and to cation of all wells on a cases offsetting applicate to such multiple complished copies of the applicate well or other acceptate such log is not available on which this well is apparty — P. O. Bo	of, quantitie ype of packe applicant's last latt's lease. letion from eplication.*  able log with le at the time located tog x 289, F	s used and top of cement, pers and side door chokes, and ease, all offset wells on each offset operator, or in latops and bottoms of prode application is filed it shether with their correct mainstranger on, NM 87401	ertotated i I such other offset leas- icu thereof ucing zone all be subn ling addres	eters and setting depths, central intervals, tubing strings, including information as may be pertiner es, and the names and address f, evidence that said offset opened as and intervals of perforation in itted as provided by Rule 112-ss.	
6. Were all operators listed in Item 5 date of such notification 4/1  CERTIFICATE: 1, the undersigned Amono Production	d, state that I am the I	District	Superintendent o	f the <u>Far</u> this report	and that this report was prepar	
under my supervision and direction an	d that the facts stated t	therein ate tr	ue, correct and complete to	the best of	ot my knowledge.	

** It univers from all offset operators not uncompany an application for administrative approval, the New Mexico Oil Conservation Comm time 11 to 11 to application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twen day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

HOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.





# BLANCO PICTURED CLIFFS WELLS

A BLANCO MESAVERDE WELLS

**⊗** GREENHORN

X GALLUP