SUBMIT IN TRIPLICATE*

(Other instructions on

22. APPROX. DATE WORK WILL START*

December 15, 1981

Form approved. Budget Bureau No. 42-R1425.

UNI DEPARTMEN	TED STATES T OF THE II	ì	everse side)	30 043	5-25-298 and serial no.
GEOLO	OGICAL SURVE	Υ		NM-45206	
APPLICATION FOR PERMIT	TO DRILL, D	EEPEN, OR PL	UG BACK	G. IF INDIAN, ALLOTTER	OR TRIBE NAME
1a. TYPE OF WORK DRILL	DEEPEN	PLU	G BACK [7. UNIT AGREEMENT N	AME
b. Type of well OIL GAS WELL OTHER		SINGLE ZONE	MULTIPLE XX		
2. NAME OF OPERATOR Sanchez-O'Brien Oil & Gas Corp.	· aka Sanch	ez-O'Brien Mir	erals Corr	Federal ()
3. ADDRESS OF OPERATOR	, acc saler	ez o brien imi	CIGIS COIL	#1.	
c/o Permitco - 1515 Cleveland I 4. LOCATION OF WELL (Report location clearly an At surface				Bisti, Gallup	Dacia
1120' FWL and 1520 At proposed prod. 20he 1600	- 			AND SURVEY OR AE	
14. DISTANCE IN MILES AND DISECTION FROM NE.	AREST TOWN OR POST	OFFICE*	-	Sec. 6, T24N	
31 miles SE of Bloomfi	eld, New M	Mexico		San Juan	New Mexico
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, PT. (Also to nearest drig, unit line, if any)		16. No. of Acres IN L 324.60	TO	O. OF ACRES ASSIGNED THIS WELL 40	W/320
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, PRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	none	19. Paoposed Depth 6500 *	1	POTONIA	

6824' PROPOSED CASING AND CEMENTING PROGRAM WEIGHT PER POOT SIZE OF CASING QUANTITY OF CEMENT 8-5/8" 12-1/4" 200' 200 sx - circ. 14 & 15.5 6500' 450 sx - sufficient to cover Ojo Alamo

We proposed to drill a well to 6500' to test the Gallup and Dakota Formations. If productive, we will set casing and complete. If dry we will plug and abandon as per State of New Mexico and U.S.G.S. requirements.

Re-enly 1 bell as phA as

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

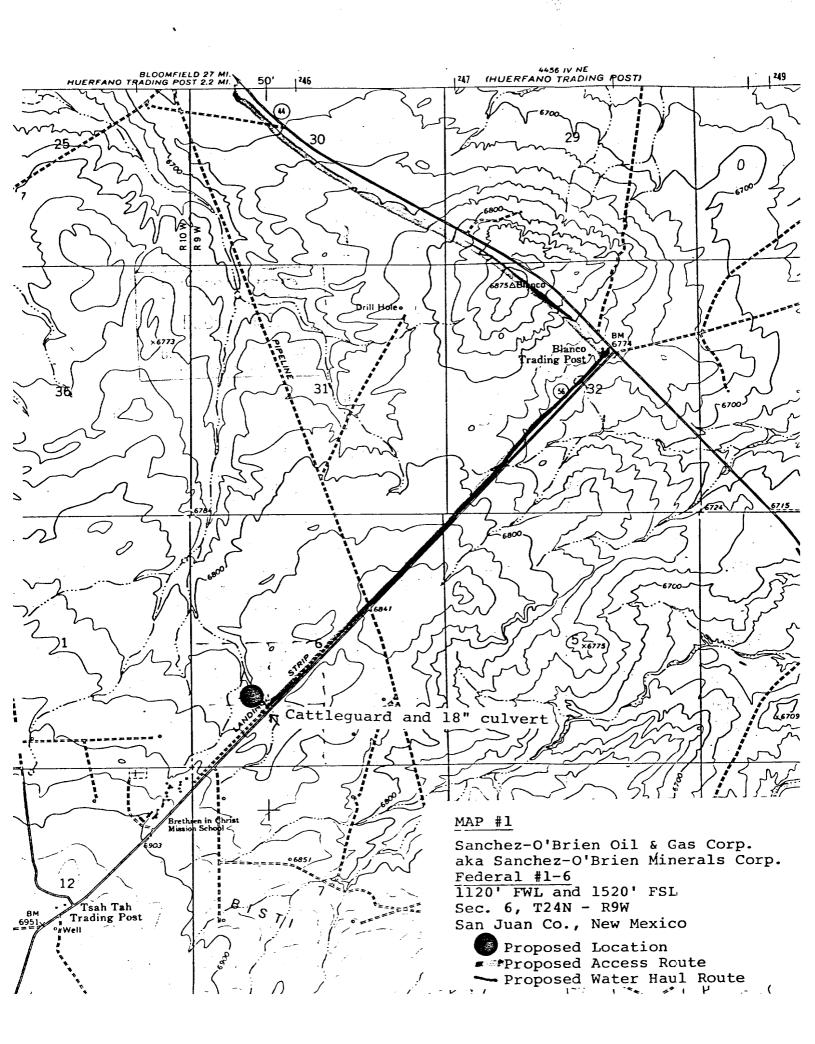
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any,

SIGNED Lesa J. Yee.	Permitco - Agent	DATE 12/9/81.
(This space for Federal or State office use)		AFF
PERMIT NO.	APPROVAL DATE	A find Kellin
APPROVED BY CONDITIONS OF APPROVAL, IF ANY: O DOOR for	12/ = + Mostily limenting por	gran DATE SS
Note coment program to Cores	o So Alamber	DISTRICT
Gas not dedicated	NMOCC	

NEW MEXICO DIL CONSERVATION COMMISSION -WELL LOCATION AND ACREAGE DEDICATION PLAT

Torm C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section Operator Well Ho. Sanchey - O'Brien '0 # G redira Unit Letter Section Township County 7 West San Juan 24 North Actual Footage Location of Well; 1650 lest from the South line and Pool * Ground Level Elev. Dedicated Acreages Producing Formation 6828 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 been consolidated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation ___ If answer is "an," list the owners and tract descriptions which have actually been consolidated. (list 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 Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the *best of my knowledge and belief. R.D. Simmons Name Agent Position FARLMINGLON, N. M. Simmons Engineering Company 1-12-82 I hereby certify that the well location wn on this plat was plotted from field of actual surveys made by me of my supervision, and that the same 790 true and correct to the best of my OIL CON. COM. knowledge and belief. DIST 3



Form Approved. Budget Bureau No. 42-R1424

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	NM - 45206 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- JAN A	
SUNDRY NOTICES AND REPORTS ON, WELLS	7. UNIT AGREEMENT NAME O/L COAL 8. FARM OR LEASE NAME
(Do not use this form for proposals to drill or to deepen or Mug backup a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME Federal 6 O/L CON D/ST
1. oil KY gas other well other	Federal 6 DIST.
2. NAME OF OPERATOR	9. WELL NO. #1
chez-0'Brien Oil & Gas Corporation	102 FIELD OR WIEDEAT NAME
3. ADDRESS OF OPERATOR c/o Permitco	Bisti Gallup/ Basin Dako
5 Cleveland Pl, Suite 412 Denver, CO 8020	
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	Sec., 6, T24N-R9W
AT SURFACE: 990' FWL & 1650' FSL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	San Juan New Mexico
36 CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE	14, API No.
REPORT, OR OTHER DATA	15 EVENTRONS (SEEDIN DF, KDB, AND WE
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	682 8 QL
TEST WATER SHUT-OFF	
FRACTURE TREAT SHOOT: OR: ACIDIZE T	The state of the s
REPAIR WELL	(NOTE: Report results of multiple completion or zon
PULL OR ALTER CASING	change on Form 9-330.)
CHANGE ZONES	U. S. DEUROGRAD GRIBLY
ABANDON*	PARCELLOTOPE, M. M.
(atting Change nlang / mars leastion	The state of the s
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is	ate all pertinent details, and give pertinent date directionally drilled, give subsurface locations an
 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine Operator must move location of we for an Oil well location from the Location of: 1120' FWL & 1520' 	ate all pertinent details, and give pertinent date directionally drilled, give subsurface locations and ent to this work.)* ell to meet State Requirment or previously submitted
 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertined. Operator must move location of we for an Oil well location from the Location of: 1120' FWL & 1520' Location: 990' FWL & 1650' FSL. The new Location meets State Requirements. 	ate all pertinent details, and give pertinent date directionally drilled, give subsurface locations and ent to this work.)* ell to meet State Requirment previously submitted FSL to the following
 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine 1. Operator must move location of we for an Oil well location from the Location of: 1120' FWL & 1520' Location: 990' FWL & 1650' FSL. 	ate all pertinent details, and give pertinent date directionally drilled, give subsurface locations and ent to this work.)* ell to meet State Requirment previously submitted FSL to the following
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17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine 1. Operator must move location of we for an Oil well location from the Location of: 1120' FWL & 1520' Location: 990' FWL & 1650' FSL. 2. The new Location meets State Requipile well or gas well. 3. Archealogical Study submitted wit location. 4. Attachments: NMOCC Form C-102, Co Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct	ate all pertinent details, and give pertinent date directionally drilled, give subsurface locations and ent to this work.)* ell to meet State Requirment previously submitted FSL to the following airmrents for either an either and cut & Fill
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17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine 1. Operator must move location of we for an Oil well location from the Location of: 1120' FWL & 1520' Location: 990' FWL & 1650' FSL. 2. The new Location meets State Requisil well or gas well. 2. Archealogical Study submitted wit location. 4. Attachments: NMOCC Form C-102, Co Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct SIGNED R. D. Simmons (This space for Federal or State or	ate all pertinent details, and give pertinent date directionally drilled, give subsurface locations and ent to this work.)* ell to meet State Requirment of previously submitted FSL to the following airmrents for either an Ch NTL-G-covers the new ontour and Cut & Fill Set @F
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine 1. Operator must move location of we for an Oil well location from the Location of: 1120' FWL & 1520' Location: 990' FWL & 1650' FSL. 2. The new Location meets State Requisil well or gas well. 2. Archealogical Study submitted wit location. 4. Attachments: NMOCC Form C-102, Co Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct SIGNED R. D. Simmons (This space for Federal or State or	ate all pertinent details, and give pertinent date directionally drilled, give subsurface locations and ent to this work.)* ell to meet State Requirment of previously submitted FSL to the following airmrents for either an Ch NTL-G-covers the new ontour and Cut & Fill Set @F
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	UNITED STATES PEPARTMENT OF THE WITERUR	5. LEASE NM - 45206
U	GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OUNDOV	NOTICE AND GEOGRAPIAN WELL	7. UNIT AGREEMENT NAME
SUNDKY	NOTICES AND REPORTS ON WELLS	
reservoir. Use Form	n for proposals to drill or to deepen or mild back to a differer 9-331-C for such proposals.	8. FARM OR LEASE NAME
1. oil XX	gas	Federal
well 424	well other	9. WELL NO. #1-6
	ien Oil & Gas Corporation	10. FIELD OR WILDCAT NAME
3. ADDRESS OF	OPERATOR c/o Permitco	Bisti Gallup/Basin Dakot
5 Clevela	nd Pl. St. 412 Denver. Co.802	02 11. SEC., T., R., M., OR BLK. AND SURVEY OF
	F WELL (REPORT LOCATION CLEARLY. See space 1	
below.) AT SURFACE	: 990' FWL & 1650' FSL	Sec. 6, T24N, R9W 12. COUNTY OR PARISH 13. STATE
AT TOP PRO	DD. INTERVAL: Same	San Juan New Mexico
AT TOTAL D	EPTH: Same	14. API NO.
	ROPRIATE BOX TO INDICATE NATURE OF NOTICE	
REPORT, OR	OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD 6828' GR, 6840' KDB
EQUEST FOR A		
EST WATER SH		To the trap manage of the trap m
FRACTURE TREA SHOOT OR ACID		
REPAIR WELL		(NOTE: Report results of multiple completion or zon
PULL OR ALTER	_ (=	change on Form 9–330.)
MULTIPLE COMP CHANGE ZONES	TELE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mayey
ABANDON*	FARMINGTON, N.	M.
(other) Comme	nce operations, Surface casin	g, Test BOP & casing
including est	ROPOSED OR COMPLETED OPERATIONS (Clearly st timated date of starting any proposed work. If well is and true vertical depths for all markers and zones pertin	s directionally drilled, give subsurface locations and
1-6-82	Four COrners Drilling Co. Ri	g #10 moved on location.
	Spud $12\frac{1}{4}$ " hole at 5:30 PM. Di	rilled to 303' KDB.
	Ran 7 joints 8 5/8" J55 24#	ST&C Range 3 casing (2791)
	Set at 294' KDB.	
1-7-82	Cemented with 200 sacks Clas	s "B" $w/3\%$ CaCl ₂ and $1/4\#$
	per sack Flocele. Circulation	
	Circulated 75 sacks cement to	o surface. Flug down at
	1:00 AM, 1-7-82.	
	WOC 12 hours, nippled up BOP	
	to 600 psi for 30 minutes. H	eld. Drilled out from under
	surface at 3:30 PM.	
Subsurface Safet	y Valve: Manu. and Type	Set @ F
18. I hereby cert	ify that the foregoing is true and correct	
SIGNED	Sementon TITLE Agent	DATE 1-12-82
<u> </u>	Simmons (This space for Federal or State	office use)
APPROVED BY	TITLE	DATE
CONDITIONS OF A	PPROVAL, IF ANY:	ACCEPTED FOR RECORD
		JAN 18 1942

*See Instructions on Reverse Side

CC

FARMINGTON SERVICES

UNITED STATES

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	NM - 45206
GEOLOGICAL SURVEY	. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen on plag back to a different	7. UNIT AGREEMENT NAME
reservoir, Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas uther 0:37. 3	Federal
well well other	9. WELL NO.
2. NAME OF OPERATOR IChez-O'Brien Oil & Gas Corporation	1 – 6 10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR c/o Permitco	Bisti Gallup/ Basin Dakota
5 Cleveland Pl. St. 412 Denver, Co.80202	
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.)	Sec. 6, T24N, R9W
AT SURFACE: 990' FWL & 1650' FSL AT TOP PROD. INTERVAL: Same	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same	San Juan New Mexico
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	_ 14. API NO.
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	6828' GR, 6840' KDB
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
FRACTURE TREAT SHOOT OR ACIDIZE	VED
REPAIR WELL	(NOTE: Repprt results of multiple completion or zone
PULL OR ALTER CASING [] JAN 3	change on Form 9–330.)
MULTIPLE COMPLETE CHANGE ZONES	
ABANDON* TO SECULOMICAL TO SECURIMICAL TO SECULOMICAL TO SECURIMICAL TO SECULOMICAL TO SECULOMICA SECULOMICA TO SECULOMICA SECULOMICA SECULOMICA SECULOMICA SECULOMICA SECULOMICA SECULOMICA SECULOMICA SECULOMIC	<u>.</u>
(other) Production Casing	M to 6 for the company of the compan
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly star including estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine	directionally drilled, give subsurface locations and
1-7-82 to 1-16-82 Drilled w/ mud to TI CNL, FDC Logs.	
$1-16-82$ to $1-17-82$ Ran 159 joints. $5\frac{1}{2}$	', 15.50#, J55, ST&C, R3 casi
Cemented in two stages: 1st St	tage: 260 sks. Halliburton
light w/ $6\frac{1}{4}$ # Gilsonite, tailed	dw/250 sks. CL B $50/50$ Poz.
$w/2\%$ Gel., $6\frac{1}{4}\%$ Gilsonite, 0.6	
AM 1-17-82. 2nd Stage: (DV Too Halliburton Light w/ 12% Gel,	$6\frac{1}{4}$ Gilsonite 2% CaCl
tailed w/ 75 sks. Cl. B neat.	Plug down @ $10:00$ AM $1-17-82$
Circulated 6 bbls cement to su	
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	4.00.00
SIGNED R.D. Simmons	
(This space for Federal or State of	ffice use)
APPROVED BY TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	ACCEPTED FOR SECCAL
	1 EB 1 1982
	LLD 1 1982

*See Instructions on Reverse Side

Form 9–331 Dec. 1973	Form Approved. Budget Bureau No. 42-R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERHOR	NM - 45206
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to leeped Foughback 934 ifferent reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas OIL CON. COM.	Federal 4
well A well other DIST. 3	9. WELL NO.
2. NAME OF OPERATOR	1-6
Sanchez-O'Brien Oil & Gas Corporation	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR c/o Permitco	<u>Bisti Gallup/ Basin Dako</u> t
515 Cleveland Pl. St 412 Denver, Co 80202 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
below.)	Sec. 6, T24N, R9W
AT SURFACE: 970' FWL 66 1000' FSL AT TOP PROD. INTERVAL: Same	12. COUNTY OR PARISH 13. STATE
AT TOTAL DEPTH: Same	San Juan New Mexico
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	14. API NO.
REPORT, OR OTHER DATA	TE ELEVATIONS (CHOW DE LOD AND HID
,	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	un, Oo40 ND
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other)	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertinen	irectionally drilled, give subsurface locations and
1-28-82 Moved completion tools on located PBTD @ 6472' KB. Pressure testion for 15 minutes. OK.	
1-29-82 Ran Cement bond log and correct on 1st stage cement job at 43 second stage.	elation log. Top cement 304'. Cement circulated on
1-30-82 Perforated 6338-6366' 1 shot 6390,92 w/ 1 shot each. Acidi acid. Fracture treated w/ 10568,000 gals. gelled water. Sh	zed w/ 750 gals. 15% HCL 5,000# 20/40 sand in
Subsurface Safety Valve: Manu. and Type	Set @ Ft.

(This space for Federal or State office use)

_____ DATE ___ __ TITLE ___

TITLE Agent DATE 2-2-82

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

NMOCC

FEB 8 1981

FARMINGTON DISTRICT

Form Approved. Budget Bureau No. 42-R1424

UNITED STATES DEPARTMENT OF THE INTERIOR

5. LEASE

 N	M	-	4	5	2	0	<u>6</u>	

6.	. IF	INDIAN.	ALI	LOTT/EE	OR	TRIBE.	NAME

	GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY N	OTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form reservoir, Use Form 9–	for proposals to drill or to deepen or plug back to a different 331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil ca g	as 🗂	Federal 66
well LXI w	rell U other	9. WELL NO.
2. NAME OF OPI		1-8
nchez-U'Br	ien Oil & Gas Corporation	10. FIELD OR WILDCAT NAME Bisti Gallup/Basin Dakota
	OPERATOR C/O Permitco	11. SEC., T., R., M., OR BLK. AND SURVEY OR
	1. St 412, Denver, Co. 80202 WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.)		Sec. 6-T24N-R9W
AT SURFACE:	990 FWL & 1650 FSL	12. COUNTY OR PARISH 13. STATE
	o. Interval: Same	San Juan New Mexico
AT TOTAL DE	PTH: Same	14. API NO.
16. CHECK APPRO	PRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR	OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 6840 KDB
REQUEST FOR AP	PROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHU		
FRACTURE TREAT SHOOT OR ACIDIZ	THE AMERICAN AND A CONTROL OF THE PROPERTY OF	THE WAR IN THE PROPERTY OF THE
REPAIR WELL		FINOTE: Report results of multiple completion or zone
PULL OR ALTER	A Library William Chical A	charge on Form 9–330.)
MULTIPLE COMPL	ere H robo	1000
CHANGE ZONES ABANDON*		
(other)	U. S. GIOLOGICA	AL SURV ey
	FARMINGTON	
including estir	OPOSED OR COMPLETED OPERATIONS (Clearly stamated date of starting any proposed work. If well is on true vertical depths for all markers and zones pertine	directionally drilled, give subsurface locations and
2-13-82	Ran tubing to 6472'. Loaded	hole with water and
~ , ,	cemented with 100 sacks Class	s "B" cement from
	6472' to 5600'. Pulled tubin	ng to 5600! and reversed
	out 2 bbls cement to pit. Pu	lled tubing out of hole.
	Ran Baker Bridge Plug on wir	eline and set on top of
	cement @ 5600'. (tagged ceme:	nt w/ plug). Pressure
	tested bridge plug with The	Western Company to 3000 psig
	for 15 minutes. Held okay.	" March Contract of the Contra
2-15-82	Started completion of Gallup	Formation.
, ,	,	
Cubaude == O=4 +	Value Many and Tuna	Set @ _ < _ `Ft.
Subsurface Safety	Valve: Manu. and Type	
18. I hereby certif	y that the foregoing is true and correct	Olly Diggs
SIGNED	Agent	DATE 2-15-82
R.D.	OTMINOUS	
	(This space for Federal or State o	
APPROVED BY CONDITIONS OF AP	 	DATE
		A. SEPIED FOR RECORD
	*See Instructions on Reverse	side FEB 24 1982

FARMINGTON DISTRICT

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL

PULL OR ALTER CASING MULTIPLE COMPLETE **CHANGE ZONES**

ABANDON*

(other)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	5. LEASE NM-45206 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir, Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME
1. oil X-y gas	8. FARM OR LEASE NAME Federal
well 🖰 well 🗀 other	9. WELL NO.
2. NAME OF OPERATOR	D 1-6
Sanchez-O'Brien Oil & Gas Corporation	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR c/o Permitco	Bisti Gallup/Basin Dakota
1515 Cleveland Pl. St. 412 Denver, Co. 80202	
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA,
helow)	Sec. 2-T24N-R9W
AT SURFACE: 990 FWL & 1650 FSL	12. COUNTY OR PARISH 13. STATE
at top prod. interval: Same	San Juan New Mexico
at total depth: Same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)

AT TOTAL DEPTH: 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA

X

SUBSEQUENT REPORT OF: (NOTE: Report results of multiple completion or zone ر م change on Form 9–330.) U. S. GEULGGICAL SURVEY FARMAINGTON, N. M.

6840 KDB

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.)*

Operator plans to abandon the Dakota Formation in this well by the following process:

- Spot 100 sacks Class "B" neat cement from PBTD of 6472! to 5600' in the $5\frac{1}{2}$ " casing.
- Set Baker Bridge Plug on top of cement at 5600'. 2.
- Pressure test bridge plug to 3000 psig.

Verbal approval from Mr. Becher 2-8-82

Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct SIGNED R.D. Simmons	DATE 2-9-82
(This space for Federal or St. , , , , , , , , , , , , , , , , , , ,	

FEB 24 1982

*See Instructions on Reverse Side

NMOCC

FARMINGTON-DISTRICT

STATE OF NEW MEXICO

P. O. BOX 2088 ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-7

	All dia	tences must be fro	m the oute	r boundaries a	the Section	n		
Operator (7	rio + Milad	~	Lease		<i></i>		Well No.	
Unit Letter Sect	OBRIEN ON & GAS	(ORM	182	ERAL	County		1-6	
/ Sect		4 N	Hange	W	County	SAN JUA	- /	
Actual Footage Location		7 ~			1 -	JAN ZUA	~	
990 fre	from the WEST	line and	1650	le.	t from the	BOUTH	line	
Ground Level Elev.	Producing Formation		loo				Dedicated Acreage	
6828	GALLED	-	·	31577 (MILLY,	,	80	Acre
1. Outline the act	reage dedicated to th	e subject well	l by colo				nlat below	
	ne lease is dedicate						•	o workin
dated by commu	e lease of different o	n, force-pooling	g. etc?					
Yes	No If answer is '	'yes," type of	consolida	ition				
If answer is "n this form if nece	o," list the owners are	d tract descrip		ich have ac	tually be	en consolidat	ed. (Use revers	se side o
No allowable wi	ll be assigned to the or otherwise) or until a	well until all in	nter ests]	have been c	onsolidat	ted (by commi	unitization, un	itization
poorting,		non standard (ann, enn	mating suc	n meres	s, has been a	pproved by the	Divisio
						1		
	1		1		l		CERTIFICATION	
	 					tained herei best of my k	tily that the inform n is true and comp nowledge and beli	lete to the
		<u> · · · · · · · · · · · · · · · ·</u>	-			Position Company	us Enkin	EERIA
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			! !			Date	Sem	n Or
990						shown on thi notes of act under my sup	rtily that the we is plot was plotted ual surveys made pervision, and that correct to the be ad belief.	from field by me or the same
1650	-		1			Date Surveyed Registered Prot and/or Land Su	lessional Engineer rveyor	
330 660 60 133	70 1050 1980 2310 264	2000	1500	1000 500		Certificate No.		

SIMMONS ENGINEERING & CONSULTING CO.

5704 VILLA VIEW DRIVE

FARMINGTON, NEW MEXICO 87401

PHONE (505) 326-2510 • RADIO CONTACT (505) 325-1873

New Mexico Oil Conservation Commission 1000 Rio Brazos Road Aztec, New Mexico 87410

Re: Deviation Survey

Operator: Sanchez-O'Brien Oil & Gas Corporation

Well Name: Federal #1-6

Location: Unit Letter L, 990' From West Line, 1650' From South Line

Section 6, T24N, R9W

San Juan County, New Mexico

Lease No: NM 45206

Depth, ft.	Deviation, degrees	
303 803 1295 1724 2304 2815 2923 3279 4065 4175 4687 5188 5682 6183 6527	1/2 1/2 3/4 3/4 2\frac{1}{4} 1 2 1/2 1 1 3/4 1\frac{1}{4} 1\frac{1}{2}	APR 1 1982 OIL CON. COM. DIST. 3

R.D. Simmons, Agent Simmons Engineering

State of New Mexico, County of San Juan, subscribed and sworn to

before me this 1 day of April, 1982.

Notary

My commission expires Jahran 2, 1984.

ENERGY AND MIDELIALS DEPARTMENT OBTRIBUTION AND A TEC. PILE U.E.G.A. LAND OFFICE TRANSPORTER OPERATOR AUTHORIZATI 1. PROMATION OFFICE

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

1.	DEGE		OR ALLOWABLE AND SPORT OIL AND NATURAL GAS	Ll
	·	Oil & Gas Corporati	on	
	19 Briar Hollow Reason(s) for filing (Check proper bos New Well X Recompletion Change in Ownership	Change in Transporter of: OII Dry C	Other (Please explain)	
	If change of ownership give name			
	DESCRIPTION OF WELL AND	TEASE		
	Federal 6	Well No. Pool Name, Including Bisti, Ga		Lease No. al or Fee Federal NM 4520
	Unit Letter L : 990	Feet From The West Li	ne and 1650 Feet From	The South
	Line of Section 6 To	wmship 24 North Range 9	West , NMPM, San	Juan County
1.	DESIGNATION OF TRANSPOR Name of Authorized Transporter of Oil	TER OF OIL AND NATURAL G.	AS Address (Give address to which appr	oved copy of this form is to be sent)
	Permian Corporation Name of Authorized Transporter of Car	on	Box 1702 Farmingt Address (Give address to which appr	•
	If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge.	Is gas actually connected? W.	nen
	If this production is commingled with COMPLETION DATA	th that from any other lease or pool,	give commingling order number:	
	Designate Type of Completic	on - (X) Oil Well Gas Well X	New Well Workover Deepen	Plug Back Same Restv. Diff. Restv.
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	1-6-82 Elevations (Dh. N. RT. GR. etc.)	3-25-82 Name of Producing Formation	6527 Top Oil/Gas Pay	5600 Tubing Depth
		<u>}</u>		
- 1	00 30 VD:	(Ga. 1 1 1 1 1)	1 22/10	1 5529
	6836 KB	Gallup	5246	5529 Depth Casing Shoe
	Perforations	al of 32 holes		
	Perforations 5246 to 5446 tota HOLE SIZE	al of 32 holes	D CEMENTING RECORD DEPTH SET	Depth Casing Shoe
	Perforations 5246 to 5446 tota HOLE SIZE 124	TUBING, CASING, AND CASING & TUBING SIZE 8 5/8	D CEMENTING RECORD DEPTH SET 294	Depth Casing Shoe 6470
	Perforations 5246 to 5446 tota HOLE SIZE	TUBING, CASING, AND CASING & TUBING SIZE 8 5/8 5 2	D CEMENTING RECORD DEPTH SET 294 6527	Depth Casing Shoe 6470 SACKS CEMENT
	Perforations 5246 to 5446 tota HOLE SIZE 124	TUBING, CASING, AND CASING & TUBING SIZE 8 5/8	D CEMENTING RECORD DEPTH SET 294	Depth Casing Shoe 6470 SACKS CEMENT 200
	Perforations 5246 to 5446 tota HOLE SIZE 124 7 7/8	TUBING, CASING, AND CASING & TUBING SIZE 8 5/8 5 2 3/8	D CEMENTING RECORD DEPTH SET 294 6527 5529	Depth Casing Shoe 6470 SACKS CEMENT 200 985 2 stages
_	Perforations 5246 to 5446 total HOLE SIZE 124 7 7/8 TEST DATA AND REQUEST FOOLL WELL	TUBING, CASING, AND CASING & TUBING SIZE 8 5/8 5 2 2 3/8 OR ALLOWABLE (Test must be a able for this de	D CEMENTING RECORD DEPTH SET 294 6527 5529 Iter recovery of total volume of load oil opto or be for full 24 hours)	Depth Casing Shoe 6470 SACKS CEMENT 200 985 2 stages and must be equal to or exceed top allow-
Ī	Perforations 5246 to 5446 total HOLE SIZE 124 7 7/8 TEST DATA AND REQUEST FOOIL WELL Date First New Oil Bun To Tanks	TUBING, CASING, AND CASING & TUBING SIZE 8 5/8 5 ½ 2 3/8 DR ALLOWABLE (Test must be a able for this de	D CEMENTING RECORD DEPTH SET 294 6527 5529 Ster recovery of sotal volume of load oil opth or be for full 24 hours) Producing Method (Flow, pump, gas leading method)	Depth Casing Shoe 6470 SACKS CEMENT 200 985 2 stages and must be equal to or exceed top allow-
Ī	Perforations 5246 to 5446 total HOLE SIZE 124 7 7/8 TEST DATA AND REQUEST FOOIL WELL Date First New Oil Bun To Tanks	TUBING, CASING, AND CASING & TUBING SIZE 8 5/8 5 ½ 2 3/8 DR ALLOWABLE (Test must be a able for this de	D CEMENTING RECORD DEPTH SET 294 6527 5529 Iter recovery of total volume of load oil opto or be for full 24 hours)	Depth Casing Shoe 6470 SACKS CEMENT 200 985 2 stages and must be equal to or exceed top allow-
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	Perforations 5246 to 5446 total HOLE SIZE 124 7 7/8 TEST DATA AND REQUEST FOOIL WELL Date First New Oil Bun To Tanks	TUBING, CASING, AND CASING & TUBING SIZE 8 5/8 5 ½ 2 3/8 DR ALLOWABLE (Test must be a able for this de	D CEMENTING RECORD DEPTH SET 294 6527 5529 Ster recovery of total volume of load oil opth or be for full 24 hours Producing Method (Flow, pump, gas left) Pumping	Depth Casing Shoe 6470 SACKS CEMENT 200 985 2 stages and must be equal to or exceed top allow-
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	HOLE SIZE 12½ 7 7/8 TEST DATA AND REQUEST FOOLL WELL. Date First New Oil Run To Tanks 3-25-82 Length of Test 24 hrs. Actual Prod. During Test 85 GAS WELL Actual Prod. Test-MCF/D Testing Method (pitot, back pr.) ERTIFICATE OF COMPLIANCE is its incharge have been complied with	TUBING, CASING, AND TUBING A TUBING SIZE 8 5/8 5 ½ 2 3/8 DR ALLOWABLE (Test must be a able for this de able for this de able for this de able for this de Date of Test 3-26-82 Tubing Pressure NA Oil-Bbls. 80 Length of Test Tubing Pressure(shut-in) E	DEPTH SET 294 6527 5529 Ster recovery of total volume of load oil opth or be for full 24 hours) Producing Method (Flow, pump, gas I Pumping Casing Pressure 50 psig Water-Bbls. 5 Bbls. Condensate/MMCF Casing Pressure (Shut-In) OIL CONSERVATION APPROVED APR (S) APPROVED APR (S) APPROVED APR (S) APPROVED APROVED Signed by FRANK I.	Depth Casing Shoe 6470 SACKS CEMENT 200 985 2 stages and must be equal to or exceed top allow- if, etc.) Choke Size Gae-MCF TSTM Gravity of Candenease Choke Size
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	HOLE SIZE 12½ 7 7/8 TEST DATA AND REQUEST FOOLL WELL. Date First New Oil Run To Tanks 3-25-82 Length of Test 24 hrs. Actual Prod. During Test 85 GAS WELL Actual Prod. Test-MCF/D Testing Method (pitot, back pr.) ERTIFICATE OF COMPLIANCE is its incharge have been complied with	TUBING, CASING, AND TUBING A TUBING SIZE 8 5/8 5 ½ 2 3/8 DR ALLOWABLE (Test must be a able for this de able for this de able for this de able for this de Date of Test 3-26-82 Tubing Pressure NA Oil-Bbls. 80 Length of Test Tubing Pressure(shut-in) E	DEPTH SET 294 6527 5529 Ster recovery of total volume of load oil opth or be for full 24 hours) Producing Method (Flow, pump, gas I Pumping Casing Pressure 50 psig Water-Bbls. 5 Bbls. Condensate/MMCF Cosing Pressure (Shut-in) OIL CONSERVA APPROVED APR SUPERVISOR DISTPICT TITLE This form is to be filed in	Depth Casing Shoe 6470 SACKS CEMENT 200 985 2 stages and must be equal to or exceed top allow- if, etc.) Choke Size Gae-MCF TSTM Gravity of Candensate Choke Size Choke Size Choke Size TON DIVISION CHAVEZ Compliance with RULE 1104.
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PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES

ABANDON*

(other)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Form 9–331 Dec. 1973	Form Approved. Budget Bureau No. 42–R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	NM 45206
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	
reservoir, Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil wy gas	<u>Federal</u>
weil weil other	9. WELL NO.
2. NAME OF OPERATOR	1-6
Sanchez-O'Brien Oil & Gas Corp.	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Bisti Gallup
19 Briar Hollow Ln St 200 Houston Tx770	0271. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	— I ADEA
below.)	Sec. 6,T24N,R9W
AT SURFACE: 990 FWL & 1650 FSL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	San Juan New Mexico
AT TOTAL DEPTH: Same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 68.26 KDB
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
FRACTURE TREAT	A process & of A submined Record
SHOOT OR ACIDIZE	A house of the second control of
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING MULTIPLE COMPLETE	change on Form 9-330.)

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.)*

2-15-82 Perforated Gallup 5435-5480 w/ 15 holes. Acidized w/ 1000 gals 15% HCL. Frac'd w/ 53,000# 20/40 dasnd in gel wtr. Set BP @ 5420. Perforated Gallup 5246-5406 w/ 17 holes. Acidized w/ 1000 gals. 15% HCL. Fracid w/ 53,000# 20/40 sand in gel water.

U. S. GLULDGIDAK BURYEY

FARMANGTON, N. M.

2-16-82 to 3-7-82. Cleaned out sand and BP. Ran tubing and rods. Waiting on pump jack. Will file well completion log when well is placed on production.

Subsurface Safety Valve: Manu. and Type			Set @	_ Ft.
18. I hereby certify that the foregoing is true and signed R.D. Simmons	d correct	DATE _	3-10-82	···.
(This	space for Federal or State office use)			
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE	GGEPTED FOR RECORD	

APP 1 1 1982

*See Instructions on Reverse Side

FARMINGTON GIGHNOT BY.

LINITED STATES

SUBMIT IN DUPLICATE*

Form approved.

		-	ALLED						ther in-		Buoget .	Bureau 140, 42-16355.5.	
	DEPAR'					ERIOF	2		ons on e side)	/		ION AND SERIAL NO.	
		GEO	LOGICA	L SUF	RVEY				- 1	NM.	4520	6	
WELL CO	MPLETION	OR	RECON	APLETI	ON R	EPORT A	AN	D LOG	;*	6. IF INDIAN, ALLOTTED OR TRIBE NAME			
1a. TYPE OF WELL		LL X		7		Other				7. UNIT AGREEMENT NAME			
b. TYPE OF COMP			WELL _	DB	1 7	other							
NEW TY	WORK DE	EP- [PLUG	DIFF	. П	0.15			ŀ	S. FARM OF	LEASE	NAME	
WELL A			BACK	LESV	'R. 🗀	Other					eral		
2. NAME OF OPERAT			٥	a						9. WELL N		<u> (2</u>	
Sanchez-0		<u>il</u>	& Gas	Corp.						1 4	•		
3. ADDRESS OF OPER		_					pe 477	re-respect	ļ.	10 PINT D	ND POO	L, OR WILDCAT	
19 Briar H	ollow Ln	.,S	t 200	Hous	ton,	Texas		72.7				allup	
4. LOCATION OF WEL	L (Report locati	on clea	erly and in a	ccorgance	La Com	Cardia Lah.	E.L		ŀ			OR BLOCK AND SURVEY	
At surface 99	O' FWL &	: 16	50' FS	<u> </u>	* 4 *	·G 1 1 40	^ ^	· •		OR ARE	., R., M., \ iA	OR BLOCK AND SCHOOL	
At top prod. into	erval reported be	elow	Same	1 1) Ši,	NY 11 19	3	į	1		4	T24N, R9W	
			Same	À		EOLOGICAL	\$112	/EV	1	Sec	. 0,	1.24N, N9W	
At total depth			Damo		U. S. G	MINGTON, N	L.M.	TODUNO		12. COUNTY	r on	13. STATE	
				14. PE	SMIT FOOT		DAIR	133020		PARISH			
										San J		New Mexico	
15. DATE SPUDDED	16. DATE T.D.) prom) 18.				T, GR, ETC.)	4	and the second s	
1-6-82	1-16-			3-25-				836 KI				6824	
20. TOTAL DEPTH, MD	t TVD 21. PL	JG, BAC	K T.D., MD &	TVD 22.	HOW M.	TIPLE COMPL.,		23. INTE	LED BY	BOTARY TO	OLS	, ;	
6527 KB	56	00	KB					1	→ ૾૽	0-7 (D		NA	
24. PRODUCING INTER						ID AND TVD)*		100	<u> </u>		28	5. WAS DIRECTIONAL SURVEY MADE	
Gallup	5246 to	р	5446	botto	m			<i> ₹</i> '				Yes	
•		_							View Co.				
26. TYPE ELECTRIC A	ND OTHER LOGS	RUN									27. W	AS WELL CORED	
IES, CNI	, FDC, C	R						/ <u>~</u>	C Y	<u> 3 /</u>		No No	
28.			CAS	NG RECO	RD (Rep	ort all strings	set i		J 1/2			;	
CASING SIZE	WEIGHT, LB.	/ft.	DEPTH SE	T (MD)	но	LE SIZE			ENTING		AMOUN'T PULLED		
8-5/8	24		294	KB	12	$\frac{1}{4}$	34	7 cf.	W/3	5% Cacl, 1/4		4# Flocele	
5-1/2	15.	30	6527	KB	7	-7/8	S	ee ba	ck f	for details			
			-								;		
29.		LINE	R RECORD		`			30.	7	UBING RE	CORD	<u></u>	
SIZE	TOP (MD)	BOT	TOM (MD)	SACKS CI	MENT*	SCREEN (M	D)	SIZE		DEPTH SET	(MD)	PACKER SET (MD)	
		-						23/	8	5529		NA	
								~2/_	<u> </u>				
31. PERFORATION REG	ORD (Interval,	ize an	d number)	I		82.	AC	ID. SHOT	FRACT	URE, CEME	NT SQU	VEEZE, ETC.	
5434,36,38				8,70,	72,	DEPTH IN						MATERIAL USED	
76.78.80.5						5434-			100			HCL	
5302.28.30						7474-	740		53.0	- 9		in gel wtr.	
with 0.32						5246-	5/0		100	11		HCL	
			_			J240-	<i>74</i> 0		53,0			in gel wtr.	
99.4					PPC	DUCTION			ال و رر	<u> </u>	<i>, 4</i> 0	<u>BU- WUL</u>	
33.* DATE FIRST PRODUCT	ION PRO	DUCTIO	N METHOD (Flowing. a		umping—size	and t	ype of pun	(p)			IS (Producing or	
			•								<i>hut-in</i>)	cing	
3-25-82 DATE OF TEST	HOURS TESTER		oing	PROD'	N. FOR	OIL-BBL.		GAS-M	EF.	WATER—E		GAS-OIL BATIO	
					PERIOD	1	•	1		1	. 1	2171/1	
_ 4-18-82	2-4	TRE I	7-/8"	OIL	RRI	-8.75	_	1 19	MCF WATER-	2.3	<u> </u>	GRAVITY-AFI (CORR.)	
TIALTY, TUBLITY PRESS.	CAPING FARAS			011		- GAD	,				, \	, ,,	

Well logs mailed direct by Logging co. C116, Test chart.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Vented while producing

8.75

Common Simmons

Vented on test.

35. LIST OF ATTACHMENTS

TITLE Agent

19

DAve Simmons

2.33

TEST WITNESSED BY

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, particularly 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 no all persure 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 pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

or Federal office for specific instructions.

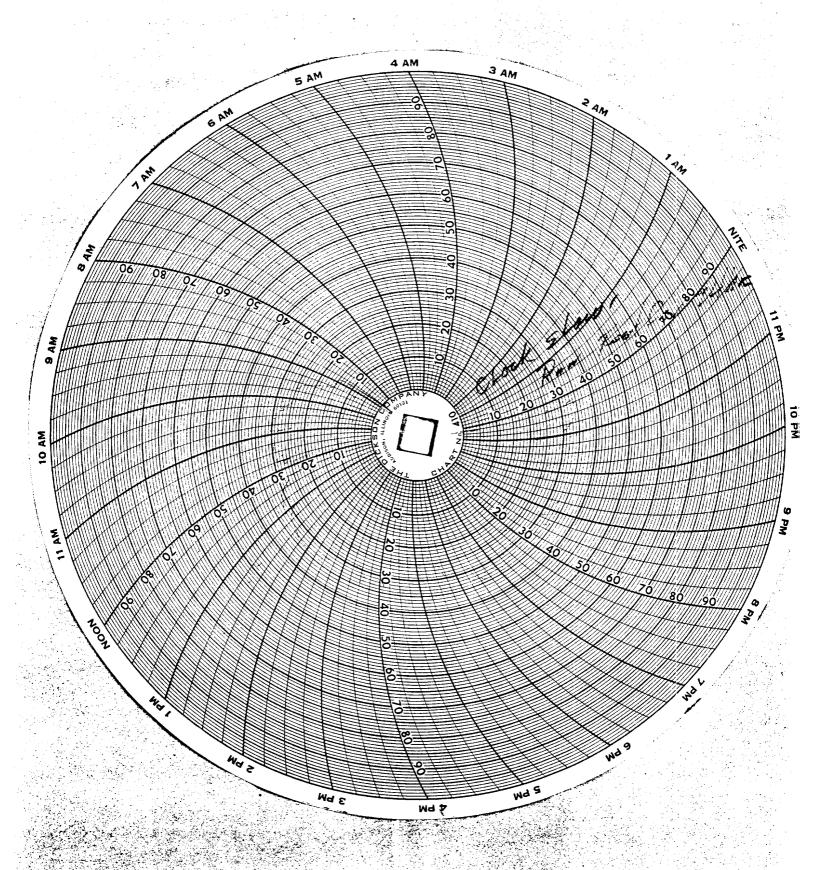
Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hem 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.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTARY ZONES O DEPTH INTERVAL TESTED, CUSH	OUS ZONES: TANT ZONES OF PO TESTED, CUSHION	MARY OF POROUS ZONES: bhow all important zones of porosity and contents thereo depth interval tested, cushion used, time tool open, flowi	TE THEREOF; CORED INTERVALS; AND ALL DRILL. GTEM TESTS, INCLUDING PEN, PLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38.	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	
,	() -	I i	0	9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	MEAS. DEPTH	TRUE VERT. DEPTH
Gallup Dakota	5042 6335	5470 6495	Ull & Gas after stimulation Gas & Water after stimulation	Ojo Alamo	745	745
Item: 28 Cement Record		for 5½" Casing.	sing. Two stages.	Kirtland Fruitland	797	797 1640
1st. Sta	ce: 478 c	1st. Stage: 478 cf. Halliburton w/ 315 cf. Class B 50/50 Pdz w/	Lite w	P.C. Mesa Verde	1766	1766 2555
Halad 14	Top at	4304 by Ce	ond log.	Chacra Cliff House	2635	2635 3270
	d. Stage: D.V. 1 12% Gel, 64# Gi	Gilsonite, 2% CaC	480' KB. 880 cf. Halliburton Lite 2% CaCl, tailed w/ 88.5 cf. Class	Menefee	3310	3310
B Neat.	Cement ci	circulated t	to surface.	Mancos	4460	7×70 7460
Item: 31 Dakota Perforations: 6338-63	a Perfor	ations: 6	66 1 shot every two fe	Gallup Louer Mangos	5042	5042
0869	82, 86,	6390° 639;	1 shot eac	Greenhorn	6182	6182
				Graneros	6248	6248
				7 2 2	((()	((()



30#110 an 180 19mcF/D 15000/

5. LEASE

UNITED STATES

DEPARTMENT OF THE INTERIOR	NM-45206
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a differen	7. UNIT AGREEMENT NAME
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME Federal
2. NAME OF OPERATOR	9. WELL NO. 1-6
anchez-O'Brien Oil & Gas Corporation	10. FIELD OR WILDCAT NAME Bisti-Gallup
3. ADDRESS OF OPERATOR9 Briar Hollow Ln, St. 200 Houston, Tx4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OF
below.) AT SURFACE: 990! FWL & 1650! FSL	Sec. 6, T24N-R9W
AT TOP PROD. INTERVAL: Same	San Juan 13. STATE New Mexico
AT TOTAL DEPTH: Same 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	14. API NO.
REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	15. ELEVATIONS (SHOW DF, KDB, AND WD) 6828 GR
RECEIVER TREAT SHOOT OR ACIDIZE REPAIR WELL REPAIR WELL REPAIR WELL REPAIR WELL ROULTIPLE COMPLETE NOV 04 15 GEOLOGICAL REPAIR ROUNT REPAIR RECEIVED NOV 04 15 GEOLOGICAL REPAIR	change on Form 9-330.) SURVEY N. M. ate all pertinent details, and give pertinent dates directionally drilled, give subsurface locations and ent to this work.)* oil-ratio test to establish well producing conditions.
18. I hereby certify that the foregoing is true and correct	Set (@F
SIGNED R.D. SIMMONS	DATE November 3, 1982
(This space for Federal or State of	
APPROVED BY	DATE
	APPROVED
*See Instructions on Reverse	NOV 12 198, Z

oh L



SANCHEZ-O'BRIEN
OIL & GAS CORPORATION

#19 BRIAR HOLLOW LANE SUITE 200 P.O. BOX 27010 HOUSTON, TEXAS 77027 TEL. AC 713/629-9800

March 4, 1983

Minerals Management Service P. O. Box 600 Farmington, New Mexico 87401

Attention: James F. Sims

Re: Sanchez-O'Brien Oil & Gas DIX. DIV Federal No. 1-6

San Juan County, New Mexico

Dear Mr. Sims:

In compliance with your ruling concerning the unapproved flaring of casinghead gas from the referenced well, Sanchez-O'Brien has been in contact with El Paso Natural Gas and Northwest Pipeline Corporation concerning a contract to purchase this 12 MCF/D. However, due to the current economic situation, neither company is offering gas contracts. I have attached copies of letters from these two companies concerning this subject. Sanchez-O'Brien respectfully requests a one year exception to the no flare order.

The Federal 1-6 was put on production March 25, 1982. The Federal 1-6 was shut-in on December 1, 1982 as a result of the casinghead gas being flared. Sanchez-O'Brien requests that you consider not applying the three months of downtime to the one year exception thus allowing Sanchez-O'Brien to produce the Federal 1-6 under the no flare exception until June 25, 1983. The result is having one full year of production under the no flare exeption.

As you consider this exception to the no flare order, Sanchez-O'Brien would like to submit another proposal for your consideration. It is inconceivable that gas market demands will improve within the next several months. In order to keep the Federal 1-6 from being shut-in during this low market demand, Sanchez-O'Brien would like to produce this well and pay royalties on all gas that is flared. The flared gas can be measured using an orifice meter with a seven day drive. This is the same type of measurement used when selling gas to a pipeline. This meter can be inspected by a gas measurement company and witnessed by your representative, in order to insure accuracy, on a monthly basis. When the market demand increases and the pipelines will offer Sanchez-O'Brien a contract, a line will be layed and this gas will be sold.

MINICOLD

James F. Sims March 4, 1983 Page 2

Sanchez-O'Brien feels that paying royalties on all flared gas is a fair compromise for both parties and that eliminating as much downtime as possible is in the public's best interest. If you have any questions concerning these requests, please feel free to contact me.

Very truly yours,

SANCHEZ-O'BRIEN OIL & GAS CORPORATION

Ulayman Gore

Wayman Gore Production Engineer

WG/mc

Approved until Line 25, 1983. See accompanying letter in reference to 9+3.

APPROMED
MAR 1 1983

JAMES F. SIME DISTRICT ENGINEER (SB)

1-6-24-9

SANCHEZ-O'BRIEN OIL & GAS CORPORATION

SUITE 200 No. 19 BRIAR HOLLOW LANE HOUSTON, TEXAS 77027-2898 TEL. AC 713/629-9800 TELEX 792-085

RECEIVED

JUN 6 1983

June 2, 1983

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

RECEIVED

OIL CON. DIV.

P. O. Box 600 Farmington, New Mexico 87401

Minerals Management Service

Attention: James F. Sims

Re: Sanchez-O'Brien Oil & Gas Corp.

Federal No. 1-6

San Juan County, New Mexico

Gentlemen:

Sanchez-O'Brien's exception to the No Flare Order expires June 25, 1983. As you are well aware, the pipeline companies in this area are not offering gas contracts. In fact, many wells that do have contracts are shut-in due to the low market demand of natural gas. Until the gas market improves, Sanchez-O'Brien respectfully requests that the Minerals Management Service allow the casinghead gas to continue to be flared and permit Sanchez-O'Brien to pay royalties on all flared gas.

It is proposed that an orifice meter be installed and the flared gas be measured using a seven day drive. In order to insure accuracy, this meter will be inspected by an independent measurement service and witnessed by all concerned parties.

It has been determined by Sanchez-O'Brien's Marketing Administrator, Mr. Henry Robledo, that the Federal No. 1-6 falls under NGPA Section 103 (New Onshore Production) defined as:

"A new onshore production well must be surface drilled on or after February 19, 1977, must satisfy applicable Federal or State well-spacing requirements, and must be the first well in the proration unit. If the subject well is the second well drilling into an existing proration unit, to qualify for Section 103 pricing, a finding is required that the subject well is necessary to effectively and efficiently drain a portion of the reservoir not capable of being drained by any existing well within the proration unit."

oh F

1/111600

Sanchez-O'Brien's proposal is that all flared gas be paid the maximum lawful price for Section 103 gas. The posted June, 1983 maximum lawful price for 103 gas is \$2.778/Mcf.

Sanchez-O'Brien feels that paying royalties on flared gas and thus minimizing lost revenue from oil production is a fair compromise and is in the public's best interest. Hopefully, the gas market will improve in the near future and this gas can be sold. If there are any questions or if we should contact any other department of the Mineral Management Service concerning this proposal, please feel free to call me.

Very truly yours,

SANCHEZ-O'BRIEN OIL & GAS CORPORATION

Wayman Gore
Production Engineer

WG/mc

A JOS JUSTS

JAMES F. SIN

DISTRICT LATER

This Approval Expires 6/7/84



SANCHEZ-O'BRIEN OIL & GAS CORPORATION

SUITE 200 No. 19 BRIAR HOLLOW LANE HOUSTON, TEXAS 77027-2793 TEL. AC 713/629-9800 **TELEX 792-085**

May 15, 1984

Minerals Management Service P. O. Box 600 Farmington, New Mexico 87401

Attention: Ken Townsend

Sanchez-O'Brien Oil & Gas Corp.

Federal No. 1-6

San Juan County, New Mexico

Gentlemen:

Sanchez-O'Brien's exception to the No Flare Order expires June 7, 1984. As you are aware, the pipeline companies in this area are still not offering gas contracts. As a result, Sanchez-O'Brien respectfully requests that the Minerals Management Service extend our exception to the No Flare Order for another year or until the gas market improves. Also, we will continue to pay royalties on all flared gas as specified in our letter to you dated June 2, 1983.

Again, Sanchez-O'Brien feels that paying royalties on all produced gas and allowing the gas to be flared is in the best interest of all parties. Hopefully, the gas market will improve in the near future and this gas can be sold. If there are any questions concerning this request, please feel free to call me.

Very truly yours, REGEIVE

Nothin M-Greek R 1984

Production Engineer OIL CON. DIV. DIST. 3

CM/mc

Kehrene is much to east letter of apack 22, 1983 and your letter of June 2, 1183

APPROVED

NOCO

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

(Date)

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LAND OFFICE		 	-
TRAMSPORTER	OIL		
	GAS.		
OPERATOR			
PROBATION OFF	KE		\neg

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 08-01-33 Page 1

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS Richard D. Simmons 5704 Villa View Drive, Farmington, N.M. Reeson(s) for filing (Check proper box) 87401 Other (Please explain) XXX OII Dry Gas Change in Ownership Condensate If change of ownership give name Sanchez-O'Brien Oil & Gas Corp. P.O. Box 2986 Laredo, and address of previous owner Sanchez-O'Brien Oil & Gas Corp. P.O. Box 2986 Laredo, II. DESCRIPTION OF WELL AND LEASE Well No. | Pool Name, Including Formation Kind of Legge Federal Lease, No. 1 Bisti Gallup State, Federal of Fee Locution Federal NM45206 1650 South 990 Feet From The West Line of Section 6 Township 24N NMPM. San Juan County III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Name of Authorized Transporter of OII X or Condensate Address (Give address to which approved copy of this form is to be sent) Giant Refining Company P.O. Box 256, Farmington, N.M. 87499
Address (Give address to which approved copy of this form is to be sent) Name of Authorized Transporter of Casinghead Gas or Dry Gas If well produces oil or liquids, Sec. Twp. Rge. is gas actually connected? When give location of tanks. I. 6 24N · 9W No If this production is commingled with that from any other lease or pool, give commingling order number: NOTE: Complete Parts IV and V on reverse side if necessary. VI. CERTIFICATE OF COMPLIANCE hereby certify that the rules and regulations of the Oil Conservation Division have seen complied with and that the information given is true and complete to the best of APPROVED ny knowledge and belief. SUPERVISOR DISTRICT This form is to be filed in compliance with RULE 1104. If this is a request for allowable for a newly drilled or deepened (Signature well, this form must be accompanied by a tabulation of the deviation teets taken on the well in accordance with RULE 111. Operator (Tile) All sections of this form must be filled out completely for allowable on new and recompleted wells. November 9 Fill out only Sections I. II. III. and VI for changes of owner,

completed wells.

well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each pool in multiply

(November 1983) (Formerly 9-331)	UNITED ST DEPARTMENT OF T	TATES THE INTERIO	8UBMIT IN TRIPLICA (Other instructions of verse side)	Budget Bureau Expires Augus 5. LEASE DESIGNATION	No. 1004-0135 31, 1985
	BUREAU OF LAND			NM 45206	
SUN (Do not use this	IDRY NOTICES AND form for proposals to drill or to Use "APPLICATION FOR PER	REPORTS Of deepen or plug back	WELLS t to a different reservoir.	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
OIL GAS WELL WELL	OTHER			7. UNIT AGREEMENT NA	AME
2. NAME OF OPERATOR				8. FARM OR LEASE NAI	
Sanchez-0'E	rien Oil & Gas C	orporatian			(1)
O. ADDRESS OF UPERATOR				Federal 6	
.c/o R. Simm	ons 5704 Villa V	iew Dr. Fa	rmington N.M.	1	
See also space 17 bell	ons 5704 Villa V eport location clearly and in account.)	ordance with any Sta	te requirements.	10. FIELD AND POOL, O	R WILDCAT
0001	T77 ***			Bisti Gallu	p
990	FWL & 1650' FSL	•		11. SEC., T., E., M., OR E SURVEY OR AREA	ILK. AND
14. PERMIT NO.	115 00000000000000000000000000000000000			Sec. 6,T24	
	6836 R	(Show whether pr, RT,	OR, etc.)	12. COUNTY OR PARISH	
16.	Check Appropriate Box		ura of Nation D	San Juan	New Mexic
2	OTICE OF INTENTION TO:	i indicate indic			
TEST WATER SHUT-O	<u> </u>		SUB	BEQUENT REPORT OF:	
FRACTURE TREAT	PULL OR ALTER CA		WATER SHUT-OFF	REPAIRING W	TELL
SHOOT OR ACIDIZE	ABANDON*	-	FRACTUBE TREATMENT SHOOTING OR ACIDIZING	ALTERING CA	[]
REPAIR WELL	CHANGE PLANS		(Other)	ABANDONMEN	Ť"
(Other) Chan	ge Operator completed operations (Clearly a well is directionally drilled, give	X	(NOTE: Report rest	nits of multiple completion ompletion Report and Log for	n Well
	Farmington ation of Operato ed due to the fa he above well an	View Driv	co 87401 submitted. T		perator
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			\ .	12 150 13 1984	
			_	DEC 1	٧.
8. I hereby cartifu that a	e foregoing is true and correct			OIL COM. DI	
SIGNED SIGNED	$\langle \cdot \rangle$				
	immons	TITLE Agent		DATACCEPTED	SFOR RECORD
APPROVED BY	or prace once fise)			DEC	1 1 1654
CONDITIONS OF APP	ROVAL, IF ANY:	TITLE		DATE	1.1 1984
				FARMINGION	KESOURCE AREA
	*See	e Instructions on F	Reverse Side	BY	L
		•		<i>v</i>	

SIMMONS ENGINEERING & CONSULTING CO.

5704 VILLA VIEW DRIVE

FARMINGTON, NEW MEXICO 87401

PHONE (505) 326-2510 • RADIO CONTACT (505) 325-1873

RECEIVED

DEO 51834

CURTAU OF LAND COMMORMENT

December 4, 1984

Bureau of Land Management Caller Service 4104 Farmington, New Mexico 87499

Re: Sanchez OMBETER Federal 6 # 1 NM 4520%

Gentlemen:

R. D. Simmons (operator) is requesting an approval for one-year venting of casinghead gas from the Federal 6 #1 well. The well is located in the NW/4 of the SW/4 of Setion 6, T24N, R9W, San Juan County, New Mexico. Currently the well is producing at a rate of 3-4 barrels of oil per day and venting 1670 SCF (1.67 MCFD) of gas measured on a 1/8" orifice well tester. The gas-oil ratio is 417.5 cu.ft. gas/1 80.

The approval for venting is requested under conditions set forth by Part 644, Chapter 5, Item 3F of the Department of the Interior, Geological Survey, Conservation Division manual which states "...temporary flaring of gas production not exceeding one year may be allowed while evaluating reserves, awaiting pipeline construction, negotiating sales contracts..., provided total monthly per well gas flared does not exceed 10 MMcf".

This request for venting is necessitated by present difficulty in getting a gas sales contract for the small amount of gas being produced.

As an action plan, R. D. Simmons will continue to negotiate with gas purchasers in the area for a gas sales contract, and will discontinue venting of gas when a pipeline connection becomes available.

Respectfully,

R. D. Simmons

Operator

APPROVED

M. MILLENDACH
AREA MANAGED

Nimes.

RECEIVED

JAN 22 1986

Bureau of Land Management Caller Service 4104 Farmington, New Mexico 87499

Re: Richard D. Simmons Federal 6 # 1

NM-45206

OIL CON. DIV

BUREAU OF LAND MANAGEMENT **FARMINGTON RESOURCE AREA**

January 17, 1986

Gentlemen:

alM 45206

Mr. Richard D. Simmons is requesting an approval for one-year venting of casinghead gas from his Federal 6 #1 well. The well is located in the NW/4 of the SW/4 of Setion 6, T 24 N, R 9 W. San Juan County, New Mexico. The well has been on production since March of 1982. Periodic 24-hour gas production tests have been taken on the well during the last year and the well averages 1.6 mcf per day and 3.3 bbls of oil. The gas-oil ratio is 485 cu.ft. gas/1 BO. The well is currently being produced an average of 20 days per month to conserve on gas venting.

The approval for venting is requested under conditions set forth by Part 644, Chapter 5, Item 3F of the Department of the Interior, Geological Survey, Conservation Division manual which states "...temporary flaring of gas production not exceeding one year may be allowed while evaluating reserves, awaiting pipeline construction, negotiating sales contracts..., provided total monthly per well gas flared does not exceed 10 MMcf".

This request for venting is necessitated by Mr. Simmons' present difficulty in getting a gas contract for so small amount of daily gas production. Mr. Simmons has been in contact with Northwest Pipeline Corporation and El Psao Natural Gas Company, but neither company is interested in purchasing the gas due to economics at this time.

As an action plan, Mr. Simmons will continue to negotiate with Northwest Pipeline Corporation and El Paso Natural Gas Company for a pipeline installation at the earliest possible moment. When a contract is made the well will be tied into existing pipeline facilities in the area and venting, will cease. The well will only be produced an average of 20 days per month to further conserve on the amount of gas being vented.

Respectfully,

R. D. Simmons

tils Approval 🏖

AREA MANAGER

RECEIVED

JAN 22 1986

Bureau of Land Management Caller Service 4104 Farmington, New Mexico 87499

BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA

January 17, 1986

Re: Richard D. Simmons Federal 6 # 1 NM-45206 DEGETTED NAN281986

Gentlemen:

DIST. 3

NM 45206

Mr. Richard D. Simmons is requesting an approval for one-year venting of casinghead gas from his Federal 6 #1 well. The well is located in the NW/4 of the SW/4 of Setion 6, T 24 N, R 9 W, San Juan County, New Mexico. The well has been on production since March of 1982. Periodic 24-hour gas production tests have been taken on the well during the last year and the well averages 1.6 mcf per day and 3.3 bbls of oil. The gas-oil ratio is 485 cu.ft. gas/1 BO. The well is currently being produced an average of 20 days per month to conserve on gas venting.

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Respectfully,

R. D. Simmons

This Approval & The State of Th

NMOCC

JAN 27 1986

AREA MANAGER
FARMINGTON RESOURCE AREA

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE		1		
TROMSPONTER	DIL	1		
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DPERATOR				
PROBATION OFF	KE			

OIL CONSERVATION DIVISION PO. BOX 2088 SANTA FE, NEW MEXICO 87501

Form IC-104 Revised 10-01-78 Format 06-01-83 Page 1

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.	DN TO TRANSF	PORT OIL AND NATE	JRAL GAS		
Webb & Connelly					
Box 190, Farmington, NM 8749	9				
Resson(s) for filing (Check pioper box)		Other (Pieas	e explain)		
New Well Change in Trans		y Gas			
Change in Ownership Casinghead	=	ndensate			
If change of ownership give name Richard	D. Simmons,	, Box 48, Farmi	ngton, NM 87499		
II. DESCRIPTION OF WELL AND LEASE					
	sti Lower G		Kind of Lease State, Federal or Fee	Federal	NM45206
Lordien	South.	000	No.	a.t	·
Unit Letter L : 1650 Feet From The	SUULII Line			56	
Line of Section 6 Township 24N	Range	9W , NMPI	<u> San Juan</u>		County
Name of Authorized Transporter of CII or Condense Giant Transportation Name of Authorized Transporter of Casinghead Gas or		Box 256, Fa	rmington, NM 874 to which approved copy of to	499	-
i ii well produces oil or liquids.	wr Rge. 24N 9W	1s gas actually connec	ed? When		
If this production is commingled with that from any other			r number: n'i	Maria Dele	30
NOTE: Complete Parts IV and V on reverse side if s	necessary.) ()
VI. CERTIFICATE OF COMPLIANCE		OIL C	CONSERVATION OF	1 5 1991. 3	Div
I hereby certify that the rules and regulations of the Oil Conservation been complied with and that the information given is true and comp. my knowledge and belief.		APPROVED	3 w.d.		19
		TITLE	SUPERVISOR DIST	O Diot eq	
Krotharina Sulling		This form is t	be filed in compliance	with RULE	1104.
Agent (Servine)		well, this form mus	uest for allowable for a : t be accompanied by a t well in accordance with	abulation of	the deviation
(Tule) November 15, 1989		All sections of able on new and re	this form must be filled completed wells.	out complet	ely for allow-
(Date)		Fill out only well name or numbe	Sections I, II. III, and 'r, or transporter, or other	VI for change	res of owner, of condition.
			C-104 must be filed i		