WALSH ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

April 25, 1984

Mr. Joe Ramey, Director
N.M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Case 8216

REF: M. J. Brannon, Operator
Federal 20, No. 1-R
Unit J, Section 20-T25N-R9W
Basin Dakota Pool
San Juan County, New Mexico

Dear Mr. Ramey:

Enclosed you will find the Application for Classification as Hardship Gas well for the above-referred-to well.

It is also requested that an emergency approval, on a temporary basis for a permit not to exceed 90 days or until such time of final action by your office, be granted.

Thank you for your consideration and cooperation in this matter.

Very truly yours,

Ewell N. Walsh, P.E.
President

ENW:rr
cc: M. J. Brannon
Mr. Frank Chavez, NMOCD, Aztec, N.M.
El Paso Exploration Company, Farmington, N.M.
R. L. Bayless, Farmington, N.M.
Energy Reserves Group, Casper, Wyoming
Damson Oil Company, Houston, Texas
Enclosure

STATE OF NEW MEXICO
NERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

Adopted 3-2-84
Side 1

Case 8216

APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELL

perator M. J. BRANNON c/o Walsh Engr. & Prod. Corp. Contact Party Ewell N. Walsh, President ~~Walsh Eng. & Prod. Corp.~~

ddress P.O. Drawer 419, Farmington, N.M. 87499 Phone No. 505 327-4892

ease Federal 20 Well No. 1-R UT J Sec. 20 TWP 25N RGE 9W

'ool Name Basin Dakota Minimum Rate Requested 100 MCF Per day

'ransporter Name El Paso Natural Gas Purchaser (if different) _____

re you seeking emergency "hardship" classification for this well? X yes _____ no

pplicant must provide the following information to support his contention that the subject ell qualifies as a hardship gas well.

) Provide a statement of the problem that leads the applicant to believe that "underground waste" will occur if the subject well is shut-in or is curtailed below its ability to produce. (The definition of underground waste is shown on the reverse side of this form)

) Document that you as applicant have done all you reasonably and economically can do to eliminate or prevent the problem(s) leading to this application.

a) Well history. Explain fully all attempts made to rectify the problem. If no attempts have been made, explain reasons for failure to do so.

b) Mechanical condition of the well(provide wellbore sketch). Explain fully mechanical attempts to rectify the problem, including but not limited to:

i) the use of "smallbore" tubing; ii) other de-watering devices, such as plunger lift, rod pumping units, etc.

3) Present historical data which demonstrates conditions that can lead to waste. Such data should include:

a) Permanent loss of productivity after shut-in periods (i.e., formation damage).

b) Frequency of swabbing required after the well is shut-in or curtailed.

c) Length of time swabbing is required to return well to production after being shut-in.

d) Actual cost figures showing inability to continue operations without special relief

4) If failure to obtain a hardship gas well classification would result in premature abandonment, calculate the quantity of gas reserves which would be lost

5) Show the minimum sustainable producing rate of the subject well. This rate can be determined by:

a) Minimum flow or "log off" test; and/or

b) Documentation of well production history (producing rates and pressures, as well as gas/water ratio, both before and after shut-in periods due to the well dying, and other appropriate production data).

6) Attach a plat and/or map showing the proration unit dedicated to the well and the ownership of all offsetting acreage.

7) Submit any other appropriate data which will support the need for a hardship classification.

8) If the well is in a prorated pool, please show its current under- or over-produced status.

9) Attach a signed statement certifying that all information submitted with this application is true and correct to the best of your knowledge; that one copy of the application has been submitted to the appropriate Division district office (give the name) and that notice of the application has been given to the transporter/purchaser and all offset operators.

April 25, 1984

GENERAL INFORMATION APPLICABLE TO HARDSHIP GAS WELL CLASSIFICATION

Definition of Underground Waste.

"Underground Waste as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas."

The only acceptable basis for obtaining a "hardship" classification is prevention of waste with the burden of proof solely on the applicant. The applicant must not only prove waste will occur without the "hardship" classification, but also that he has acted in a responsible and prudent manner to minimize or eliminate the problem prior to requesting this special consideration. If the subject well is classified as a "hardship" well, it will be permitted to produce at a specified minimum sustainable rate without being subject to shut-in by the purchaser due to low demand. The Division can rescind approval at any time without notice and require the operator to show cause why the classification should not be permanently rescinded if abuse of this special classification becomes apparent.

The minimum rate will be the minimum sustainable rate at which the well will flow. If data from historical production is insufficient to support this rate (in the opinion of the Director), or if an offset operator or purchaser objects to the requested rate, a minimum flow ("log off") test may be required. The operator may, if he desires, conduct the minimum flow test, and submit this information with his application.

If a minimum flow test is to be run, either at the operator's option or at the request of the Division, the offset operators, any protesting party, the purchaser and OCD will be notified of the date of the test and given the opportunity to witness, if they so desire.

Any interested party may review the data submitted at either the Santa Fe office or the appropriate OCD District Office.

The Director can approve uncontested applications administratively if, in his opinion, sufficient justification is furnished. Notice shall be given of intent to approve by attaching such notice to the regular examiner's hearing docket. Within 20 days following the date of such hearing, the affected parties will be permitted to file an objection. If no objection has been filed, the application may be approved.

Should a protest be filed in writing, the applicant will be permitted to either withdraw the application, or request it to be set for hearing.

An emergency approval, on a temporary basis for a period not to exceed 90 days, may be granted by the District Supervisor, pending filing of formal application and final action of the OCD Director. This temporary approval may be granted only if the District Supervisor is convinced waste will occur without immediate relief. If granted, the District Supervisor will notify the purchaser.

After a well receives a "hardship" classification, it will be retained for a period of one year unless rescinded sooner by the Division. The applicant will be required to certify annually that conditions have not changed substantially in order to continue to retain this classification.

Nothing here withstanding, the Division may, on its own motion, require any and all operators to show cause why approval(s) should not be rescinded if abuse is suspected or market conditions substantially change in the State of New Mexico.

A well classified as a "hardship well" will continue to accumulate over and under production (prorated pools). Should allowables exceed the hardship allowable assigned, the well will be permitted to produce at the higher rate, if capable of doing so, and would be treated as any other non-hardship well. Any cumulative overproduction accrued either before or after being classified "hardship" must, however, be balanced before the well can be allowed to produce at the higher rate.

SUPPLEMENT TO
APPLICATION FOR CLASSIFICATION
AS HARDSHIP GAS WELL

M. J. BRANNON
FEDERAL 20, NO. 1-R
UNIT J, SECTION 20-T25N-R9W
BASIN DAKOTA FIELD
San Juan County, New Mexico

Item No. 1

Underground waste will occur if well is subject to shut in or curtailment due to the following:

A. Encroachment of formation water from water producing interval into porosity in gas producing interval.

B. After shut in or curtailment the reservoir energy, natural gas, would be dissipated, to the atmosphere, while attempting to remove sufficient water to maintain a producing condition.

Item No. 2

Enclosed you will find copies of Workover Report describing the work performed in attempt to shut off the water production. Briefly, a cement retainer was set, as a temporary bridge plug, above the lower perforations to attempt to shut off water. This was not successful due to communication, within the formation, between the gas and water producing intervals.

Enclosed is a well bore sketch indicating the present downhole mechanical conditions.

Utilization of small bore tubing and plungers are not given consideration due to depth of well, gas volume and amount of water production. The possible use of rod pumping unit is being evaluated.

The use of cement squeeze is not considered satisfactory due to the extreme probability of squeezing of the gas producing interval and consequently complete loss of gas production.

Item No. 3

Enclosed is tabulated and production curve data of the production of the well.

Item No. 3 - Cont.

It was necessary to swab well, after shut in period, in September 1983. It was also necessary to swab well in January, 1984 when increase in gathering line pressure decreased the flow of gas and well logged off. Approximately one to two 10 hour swabbing periods were required to put well in a producing situation.

Cost to swab well and check for producing conditions will range from $2,000.00 to $5,000.00 for each occurrance.

Item No. 4

Failure to obtain a hardship well classification and premature abandonment could result in an estimated 400,000 to 600,000 MCF loss in gas reserves.

Item No. 5

It is estimated that the minimum flow to maintain gas production is 100 MCF per day. Due to varying gathering line pressures a true minimum flow is hard to determine.

Problems with lifting of water occur when, after sustained production, the gathering line pressure increases to 260 psig or more. The increase in pressure decreases gas flow to the point at which the produced water is not removed from the well bore and the well logs off.

Item No. 6

Enclosed is a plat indicating the offset acreage ownership and a plat indicating the dedicated proration unit.

Item No. 7

None

Item No. 8

The well is classified as marginal, therefore, there is no over/under produced status.

Item No. 9

See Enclosure.

WORKOVER REPORT

M. J. BRANNON
FEDERAL 20, NO. 1-R
1850'FSL, 1800'FEL, SEC. 20-T25N-R9W
San Juan County, New Mexico

9/8/83 Line up service companies and to location with Contractor to check out location and anchors.

9/9/83 Move in Aztec Well Servicing Rig No. 142. Bleed down well. Rig up rig and remove Christmas Tree and install Blow Out Preventer. Lower tubing to 6484'. No fill at 6484'. Measure out of hole with 197 joints, (6319.03'). Rig Blue Jet and set Baker cement retainer at 6429'. Run in hole with tubing (197 joints) land at 6327' with notch collar and seating nipple on bottom. Remove Blow Out Preventer and install tree. Secure rig and well at 6:00 PM.

9/10/83 Tubing 425 psig, casing 150 psig. Float collar 3500'. Bleed off well. Lower 2 joints (63.15') tubing with a total of 199 joints measuring 6382.18', land down 8' notch collar at 6390.18'. Perforate at 6504'. Collar 15' above perforation. Master valve leaking bad and change out master valve with new one. Made two swab runs from 6000'. Well flowing at 12:30 PM. Flow to 5:00 PM with 240 psig on casing. Well producing 1 to 1-1/2 inch stream of water, estimated water flow 40 barrels. Closed well in at 5:00 PM with 240 psig on casing. Closed for the week end. NOTE: 2 joints tubing and master valve from Totah Supply.

9/12/83 Tubing pressure 1000 lbs., casing pressure 950 lbs. Open tubing to pit. Well flowing. Clean up to pit. Making 1 inch stream water. Release rig at approximately 11:00 AM and turn well over to Bill Garrison with L & L Oilfield Service at 12:30 PM for continued clean up and test.

WORKOVER REPORT

M. J. BRANNON
FEDERAL 20, NO. 1-R
1850'FSL, 1800'FEL, SEC. 20-T25N-R9W
San Juan County, New Mexico

1/13/84 To location and check on swabbing. Arrived at location and well shut in with 340 psig on casing. Had been swabbing water until shut down, heading with some gas. Return to Farmington.

1/14/84 Start swabbing after opening master valve with no flow. Casing pressure 420. Each time we ran swab with fluid at 3600', we pulled casing pressure down 10 to 20 psig. Continue to swab and fluid level remains at 4600' with gas and water. Pulled casing pressure down to 340 psig. Shut well in for 1 hour and started build up. Open up and flowing small stream of water and little to no gas. Continue watching pressure on casing. Slight build up. Shut well in until Monday morning. Return to Farmington. Took water samples to HOWCO.

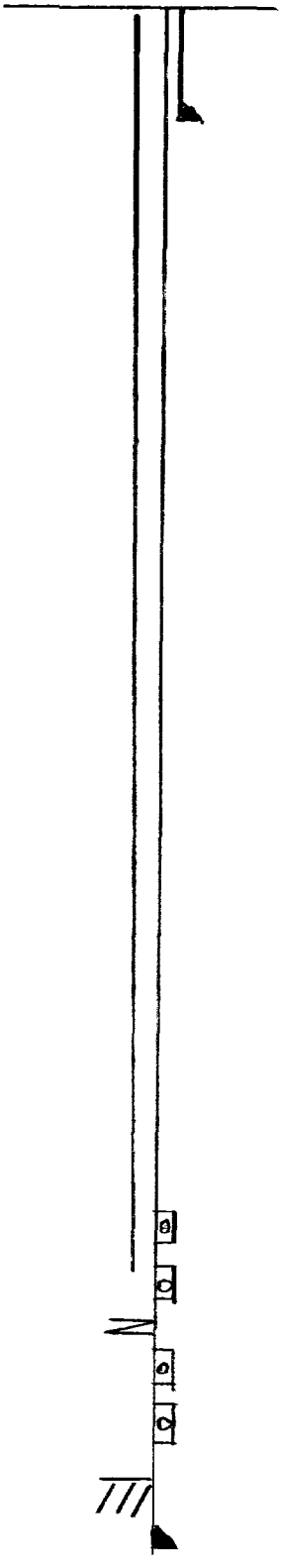
1/16/84 To location. Shut in pressure of 670 on casing and 175 psig on tubing. Open well and flowed some water then gas. Rig down swabbing unit and turn well into system.

7:00 AM, casing pressure 670, tubing pressure 175 psig.
8:00 AM, casing pressure 610, tubing pressure 220 psig.
9:00 AM, casing pressure 610, tubing pressure 250 psig.
10:00 AM, casing pressure 610, tubing pressure 255 psig.
11:00 AM, casing pressure 610, tubing pressure 255 psig.

Return to Farmington, went to HOWCO and picked up water sample and then to office.

M. J. BRANNON
FEDERAL 20, NO. 1-R
UNIT J, SECTION 20-T25N-R9W
BASIN DAKOTA FIELD
San Juan County, New Mexico

WELLBORE SKETCH



8-5/8" casing set at 258'

2-3/8", EUE tubing set at 6327'

Perforations: 6405'-6417'

Perforations: 6421'-6426'

Cement retainer (Temporary Bridge Plug): 6429'

Perforations: 6432'-6434'

Perforations: 6437'-6439'

P.B.T.D. - 6545'

4-1/2" casing set at 6609'

Total Depth: 6610'

April 25, 1984

Basin Dakota
FIELD

WALSH ENGINEERING & PRODUCTION CORPORATION

PRODUCTION DATA

M. G. Brannon
OPERATOR

Fed. 20-1R
WELL NO.

LEASE

COUNTY

1R-J

SEC 20 TWP 25 RGE 9W

SPUDDING DATE	COMPLETION OR RECOMPLETION DATE	TOTAL DEPTH	EFFECTIVE DEPTH	W. S. O.	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CUMULATIVE PRODUCTION NET OIL BBLS.	CUMULATIVE PRODUCTION FORM GAS M.C.F.	MONTHS PRODUCED	ZONE

YEAR 1981

MONTH	STATUS	DAYS PROD.	ALLOWABLE	TOTAL WATER & BS & W BARRELS MONTHLY	TOTAL WATER & BS & W BARRELS CUMULATIVE	DLY. AVG.	NET OIL PRODUCTION BARRELS MONTHLY	NET OIL PRODUCTION BARRELS CUMULATIVE	DLY. AVG.	FORMATION GAS PRODUCTION M.C.F. MONTHLY	FORMATION GAS PRODUCTION M.C.F. CUMULATIVE	DLY. AVG.	GAS – OIL RATIO CU. FT./BBL.
FORWARD													
JAN.													
FEB.													
MAR.													
APR.													
MAY													
JUNE													
JULY													
AUG.													
SEPT.													
OCT.							-0-			-0-			
NOV.							-0-			-0-			
DEC.							-0-			-0-			
TOTAL													

YEAR 1982

MONTH	STATUS	DAYS PROD.	ALLOWABLE	WATER MONTHLY	WATER CUMULATIVE	DLY. AVG.	OIL MONTHLY	OIL CUMULATIVE	DLY. AVG.	GAS MONTHLY	GAS CUMULATIVE	DLY. AVG.	GAS – OIL RATIO
JAN.		29					255		8	[illegible]		55?	[illegible]
FEB.		21					173		8	8751		416	[illegible]
MAR.		24					165		7	12,??7		57?	[illegible]
APR.		26					217		7	9793		326?	[illegible]
MAY		16					138		9	7881		49?	57,152
JUNE		30					51	976	2	10,391	65,732	346	[illegible]
JULY		31					161	1143	5	9251	75,083	[illegible]	55,4??
AUG.		31					65	1208	3	6214	81,297	[illegible]	95.6
SEPT.	—						-0-	1208	–	-0-	81,297	–	
OCT.	—						-0-	1208	–	-0-	81,297	–	
NOV.		2					31	1239	15	[illegible]	[illegible]		[illegible]
DEC.		28					155	1394	6	11,362	93490	406	73,303
TOTAL													

YEAR 1983

MONTH	STATUS	DAYS PROD.	ALLOWABLE	WATER MONTHLY	WATER CUMULATIVE	DLY. AVG.	OIL MONTHLY	OIL CUMULATIVE	DLY. AVG.	GAS MONTHLY	GAS CUMULATIVE	DLY. AVG.	GAS – OIL RATIO
JAN.		21					118	1512	4	9654	103144	311	[illegible]
FEB.		28					99	1611	4	6503	109647	[illegible]	65,68?
MAR.		30					98	1709	3	8341	117988	278	85,112
APR.		27					99	1808	4	7997	125985	276	80,777
MAY		25					37	1845	1	5488	131473	220	148,32?
JUNE		—					-0-	1845	—	-0-	131473	—	
JULY		—					-0-		—	-0-		—	
AUG.		—					-0-	1845	—	-0-	131473	—	
SEPT.		15					-0-	1845	—	628	132101	42	
OCT.		31					52	1897	2	3660	135761	118	70,38?
NOV.		30					51	1948	2	3489	139250	133	78,215
DEC.		31					58	2006	2	4219	143469	136	72,741
TOTAL													

FORM 135-2

FIELD

COUNTY

SEC 10 TWP 24N RGE 40E

ENGINEERING & PRODUCTION CORPORATION

PRODUCTION DATA

OPERATOR

WELL NO. 1-10

LEASE

SPUDDING DATE	COMPLETION OR RECOMPLETION DATE	TOTAL DEPTH	EFFECTIVE DEPTH	W. S. O.	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CUMULATIVE PRODUCTION NET OIL BBLS.	CUMULATIVE PRODUCTION FORM GAS M.C.F.	MONTHS PRODUCED	ZONE

YEAR 1965

MONTH	STATUS	DAYS PROD.	ALLOWABLE	TOTAL WATER & BS & W BARRELS MONTHLY	TOTAL WATER & BS & W BARRELS CUMULATIVE	DLY. AVG.	NET OIL PRODUCTION BARRELS MONTHLY	NET OIL PRODUCTION BARRELS CUMULATIVE	DLY. AVG.	FORMATION GAS PRODUCTION M.C.F. MONTHLY	FORMATION GAS PRODUCTION M.C.F. CUMULATIVE	DLY. AVG.	GAS – OIL RATIO CU. FT./BBL.
FORWARD								2nd 10			143464		
JAN.		31					36	2016	1	2462	146424	79	68 [illegible]
FEB.		21					21		1	3124		108	107 [illegible]
MAR.													
APR.													
MAY													
JUNE													
JULY													
AUG.													
SEPT.													
OCT.													
NOV.													
DEC.													
TOTAL													

YEAR _____

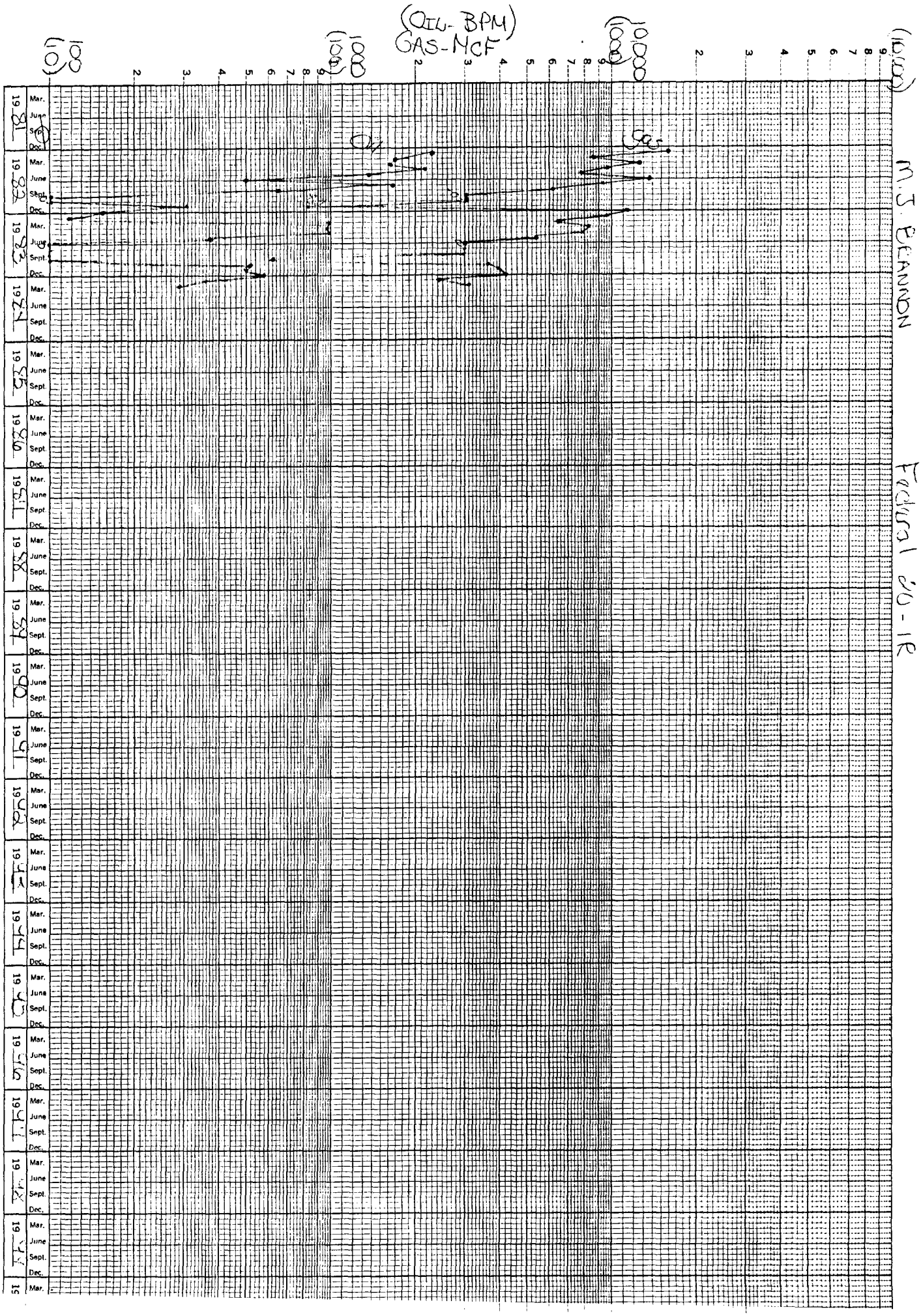
MONTH	STATUS	DAYS PROD.	ALLOWABLE	TOTAL WATER & BS & W BARRELS MONTHLY	TOTAL WATER & BS & W BARRELS CUMULATIVE	DLY. AVG.	NET OIL PRODUCTION BARRELS MONTHLY	NET OIL PRODUCTION BARRELS CUMULATIVE	DLY. AVG.	FORMATION GAS PRODUCTION M.C.F. MONTHLY	FORMATION GAS PRODUCTION M.C.F. CUMULATIVE	DLY. AVG.	GAS – OIL RATIO CU. FT./BBL.
JAN.													
FEB.													
MAR.													
APR.													
MAY													
JUNE													
JULY													
AUG.													
SEPT.													
OCT.													
NOV.													
DEC.													
TOTAL													

YEAR _____

MONTH	STATUS	DAYS PROD.	ALLOWABLE	TOTAL WATER & BS & W BARRELS MONTHLY	TOTAL WATER & BS & W BARRELS CUMULATIVE	DLY. AVG.	NET OIL PRODUCTION BARRELS MONTHLY	NET OIL PRODUCTION BARRELS CUMULATIVE	DLY. AVG.	FORMATION GAS PRODUCTION M.C.F. MONTHLY	FORMATION GAS PRODUCTION M.C.F. CUMULATIVE	DLY. AVG.	GAS – OIL RATIO CU. FT./BBL.
JAN.													
FEB.													
MAR.													
APR.													
MAY													
JUNE													
JULY													
AUG.													
SEPT.													
OCT.													
NOV.													
DEC.													
TOTAL													

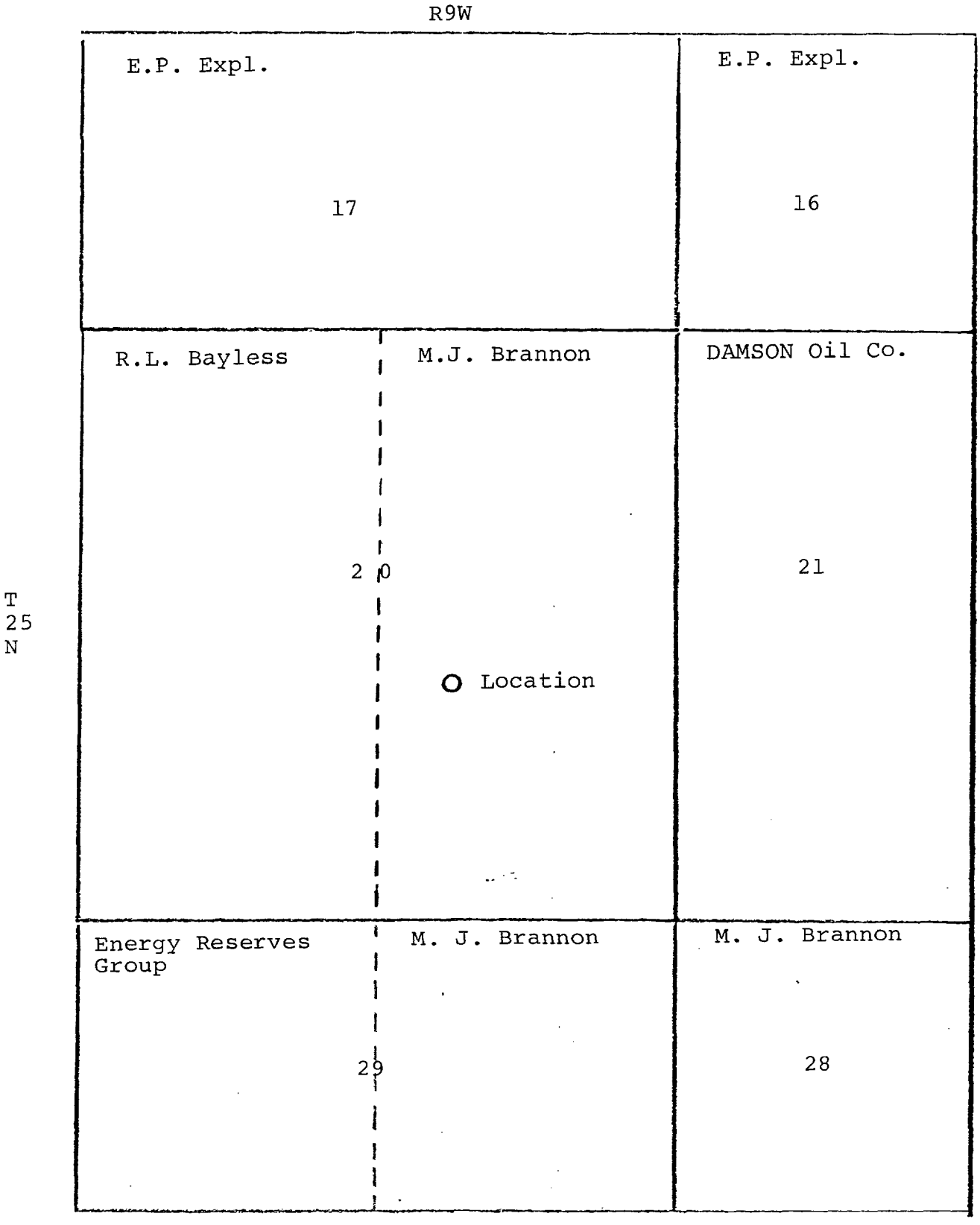
K•E 20 YEARS BY MONTHS X 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

47 6843



M. J. BRANNON
FEDERAL 20, NO. 1-R
UNIT J, SECTION 20-T25N-R9W
Basin Dakota Field
San Juan County, New Mexico

PLAT OF OFFSET OWNERSHIP



April 25, 1984

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
M. J. BRANNON	FEDERAL 20	1R

Unit Letter	Section	Township	Range	County
J	20	25N	9W	San Juan

Actual Footage Location of Well:
1850 feet from the South line and 1800 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
6675	Dakota	Basin Dakota	320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

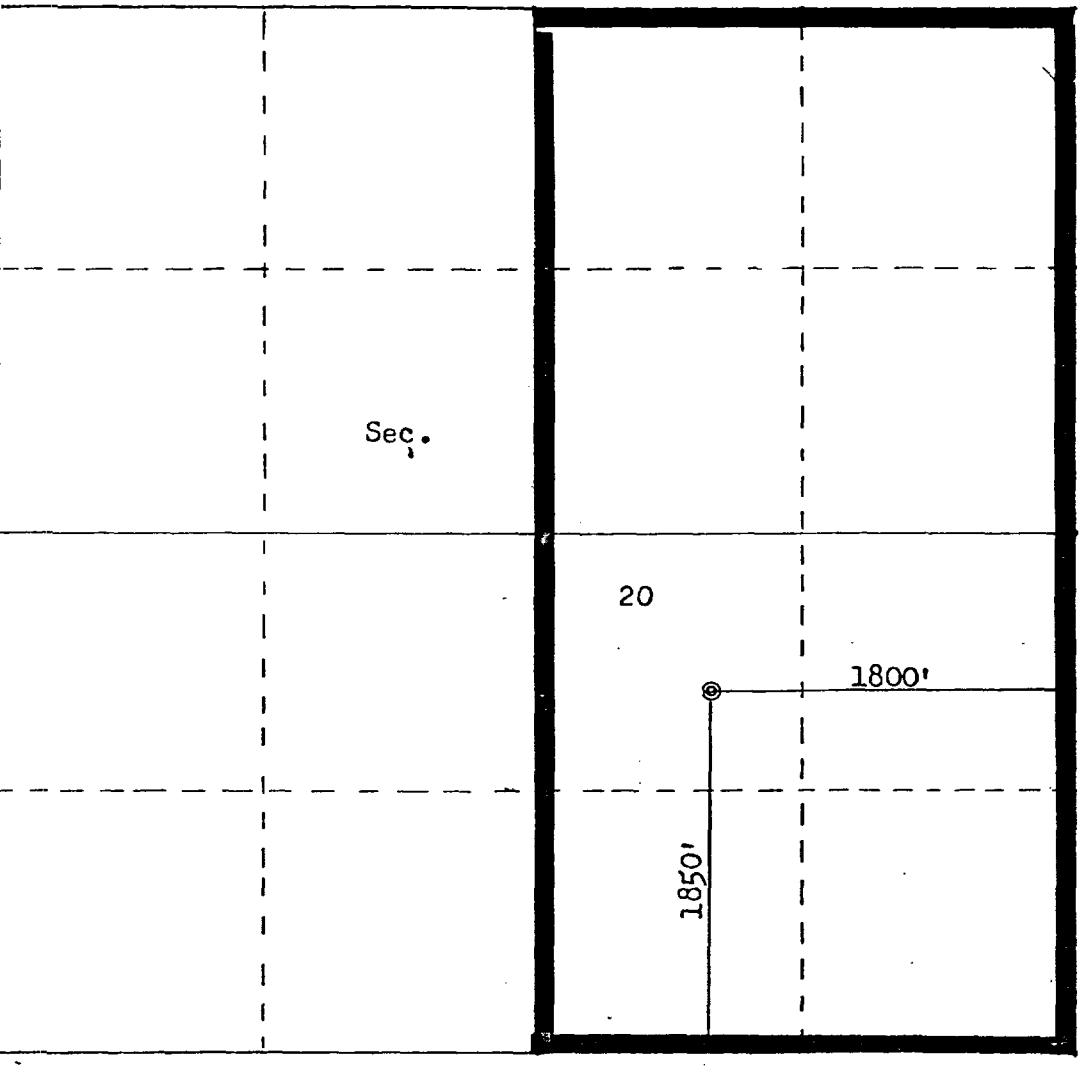
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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?

☐ 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, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

FOR: M.J. Brannon

Name: Ewell N. Walsh, P.E.

Position: President

Company: Walsh Engr. & Production Corporation

Date: 3-25-81

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: March 20, 1981

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.

Certificate No. 3950

FORM 24-11

M. J. BRANNON
FEDERAL 20, NO. 1-R
UNIT J, SECTION 20-T25N-R9W
Basin Dakota Field
San Juan County, New Mexico

CERTIFICATION

The undersigned hereby certifies that information submitted with this application is true and correct to the best of his knowledge.

Also a copy of this application has been submitted to the Oil Conservation Commission District Office, Aztec, New Mexico, to Gas Purchaser, El Paso Natural Gas Company and to offset operators.

Ewell N. Walsh, P.E.

WALSH ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

April 25, 1984

Mr. Chris Holten
DAMSON OIL COMPANY
201 N. Wolcott, Suite 107
Casper, Wyoming 82601

REF: Application of M. J. Brannon
Operator for Classification as
Hardship Gas Well
Federal 20, No. 1-R
Unit J, Section 20-T25N-R9W
San Juan County, New Mexico

Dear Mr. Holten:

Enclosed you will find a copy of the above-referred-to application.

Your notification, to Mr. Joe Ramey, Director Oil Conservation Commission, Santa Fe, New Mexico, of your approval of the application would be appreciated.

Thank you for your consideration and cooperation in this matter. If you have any questions please do not hesitate to call upon me.

Very truly yours,

ORIGINAL SIGNED BY
EWELL N. WALSH

Ewell N. Walsh, P.E.
President

ENW:rr
cc: M. J. Brannon
Mr. Joe Ramey, Director
Oil Conservation Commission, Santa Fe, N.M.
Mr. Frank Chaves
Oil Conservation Commission, Aztec, N.M.

Enclosure

WALSH ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

April 25, 1984

Mr. Robert L. Bayless
P. O. Box 1541
Farmington, N.M. 87499

REF: Application of M. J. Brannon
Operator, for Classification as
Hardship Gas Well
Federal 20, No. 1-R
Unit J, Section 20-T25N-R9W
San Juan County, New Mexico

Dear Mr. Bayless:

Enclosed you will find a copy of the above-referred-to application.

Your notification to Mr. Joe Ramey, Director, Oil Conservation Commission, Santa Fe, New Mexico, of your approval of the application would be appreciated.

Thank you for your consideration and cooperation in this matter. If you have any questions, please do not hesitate to call upon me.

Very truly yours,

ORIGINAL SIGNED BY
EWELL N. WALSH

Ewell N. Walsh, P.E.
President

ENW:rr
cc: M. J. Brannon
Mr. Joe Ramey, Director
Oil Conservation Commission, Santa Fe, N.M.
Mr. Frank Chavez
Oil Conservation Commission, Aztec, N.M.

Enclosure

WALSH ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

April 25, 1984

Mr. Don Read
Regional Production Manager
El Paso Exploration Company
P. O. Box 4289
Farmington, New Mexico 87499

REF: Application of M. J. Brannon
Operator, for Classification as
Hardship Gas Well
Federal 20, No. 1-R
Unit J, Section 20-T25N-R9W
San Juan County, New Mexico

Dear Mr. Read:

Enclosed you will find a copy of the above-referred-to application.

Your notification, to Mr. Joe Ramey, Director, Oil Conservation Commission, Santa Fe, New Mexico, of your approval of the application would be appreciated.

Thank you for your consideration and cooperation in this matter. If you have any questions, please do not hesitate to call upon me.

Very truly yours,

ORIGINAL SIGNED BY
EWELL N. WALSH

Ewell N. Walsh, P.E.
President

ENW:rr
cc: M. J. Brannon
Mr. Joe Ramey, Director
Oil Conservation Commission, Santa Fe, N.M.
Mr. Frank Chavez
Oil Conservation Commission, Aztec, N.M.

Enclosure

WALSH ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

April 25, 1984

Mr. Lee McLean
District Production Manager
Energy Reserves Group
P. O. Box 3280
Casper, Wyoming 82602

REF: Application for M. J. Brannon
Operator, for Classification as
Hardship Gas Well
Federal 20, No. 1-R
Unit J, Section 20-T25N-R9W
San Juan County, New Mexico

Dear Mr. McLean:

Enclosed you will find a copy of the above-referred-to application.

Your notification, to Mr. Joe Ramey, Director, Oil Conservation Commission, Santa Fe, New Mexico, of your approval of the application would be appreciated.

Thank you for your consideration and cooperation in this matter. If you have any questions, please do not hesitate to call upon me.

Very truly yours,
ORIGINAL SIGNED BY
EWELL N. WALSH

Ewell N. Walsh, P.E.
President

ENW:rr
cc: M. J. Brannon
Mr. Joe Ramey, Director
Oil Conservation Commission, Santa Fe, N.M.
Mr. Frank Chavez
Oil Conservation Commission, Aztec, N.M.

Enclosure

WALSH ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

3001 Northridge Drive
P.O. Drawer 419
Farmington, New Mexico 87401
(505) 327-4892

April 25, 1984

Mr. Floyd E. Ellison
Vice President - Operations
Rocky Mountain Division
Consolidated Oil & Gas Inc.
1860 Lincoln Street, Suite 1300
Denver, Colorado 80295

REF: Application of M. J. Brannon
Operator, for Classification as
Hardship Gas Well
Federal 20, No. 1-R
Unit J, Section 20-T25N-R9W
San Juan County, New Mexico

Dear Mr. Ellison:

Enclosed you will find a copy of the above-referred-to application.

Your notification, to Mr. Joe Ramey, Director, Oil Conservation Commission, Santa Fe, New Mexico, of your approval of the application would be appreciated.

Thank you for your consideration and cooperation in this matter. If you have any questions, please do not hesitate to call upon me.

Very truly yours,

ORIGINAL SIGNED BY
EWELL N. WALSH

Ewell N. Walsh, P.E.
President

ENW:rr
cc: M. J. Brannon
Mr. Joe Ramey, Director
Oil Conservation Commission, Santa Fe, N.M.
Mr. Frank Chavez
Oil Conservation Commission, Aztec, N.M.

Enclosures